

AKG[®]
by HARMAN



PROFESSIONAL AUDIO CATALOG
FULL LINE / SPRING 2013





AKG – SOUND AS IT SHOULD BE

For more than 65 years AKG has built an unrivaled reputation for the quality of its sound equipment amongst the most critical audience of all – musicians, sound engineers and music aficionados. That commitment to quality can be seen in every product we produce.

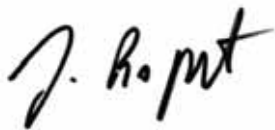
We are also constantly challenging our research and development teams to find new ways of improving our existing products as well as develop new and exciting products that meet and exceed our quality standards.

The results can be seen in this catalogue with products like the PR4500 ENG System, the launch of the AKG D12VR - the latest version of the legendary D12 or the new “AKG by TIËSTO”-headphone series as well as new developments in the wireless category.

As we expand our range we will attract new customers to the AKG community and when they have experienced the quality and performance of our products will stay with us for years to come.

Our brand promise will always remain the same “the best sound quality and most reliable equipment, born out of our passion for music”.

Enjoy sound reproduction as it should be - AKG

A handwritten signature in black ink, reading "J. Bopst". The signature is fluid and stylized, with the first letters of the first and last names being capitalized and prominent.

Jürgen Bopst
General Manager, AKG Acoustics GmbH

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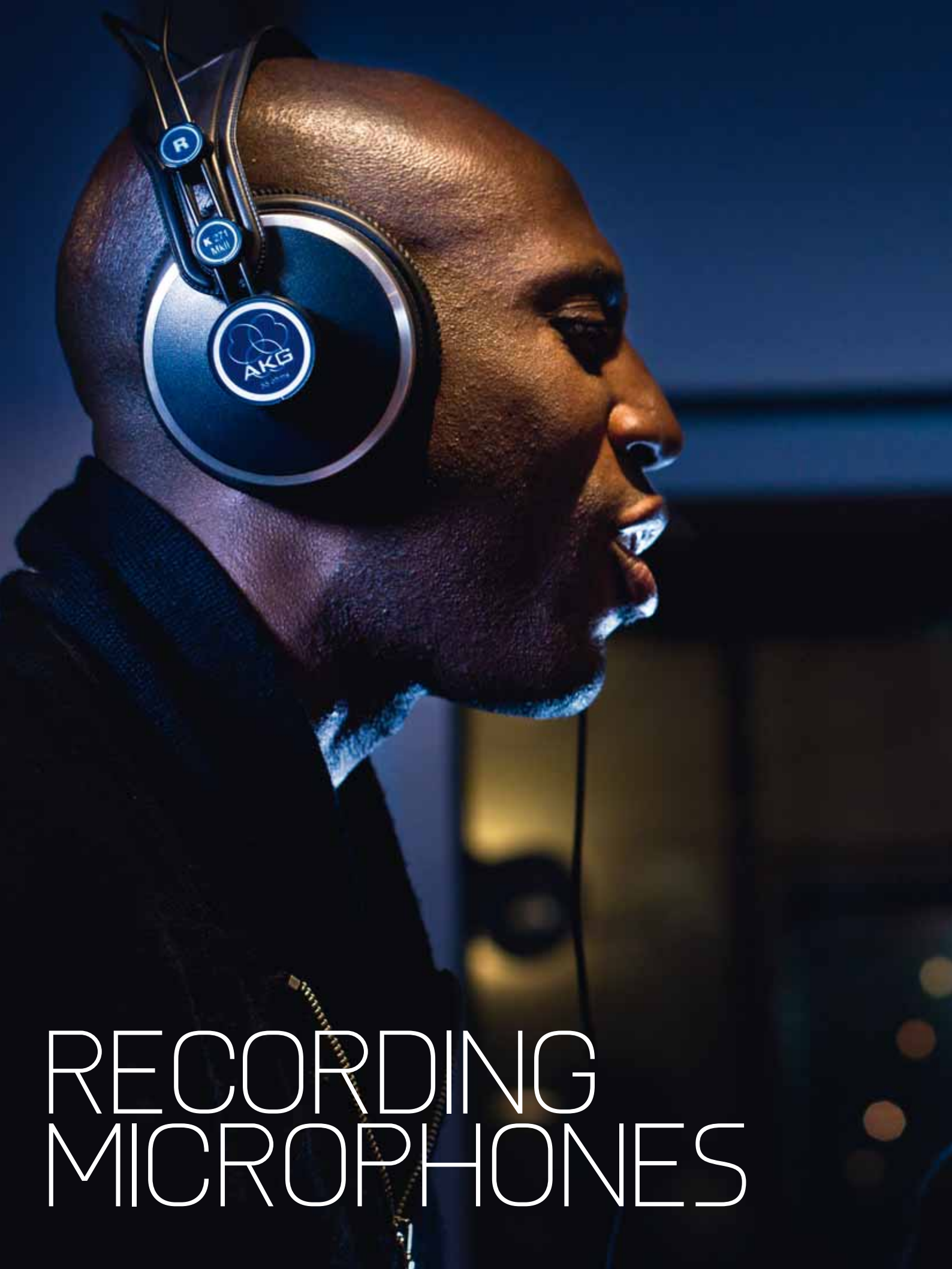
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Symbols for Polar Patterns

Omnidirectional	Hemispherical	Cardioid	Wide cardioid	Supercardioid	Hypercardioid	Figure-eight

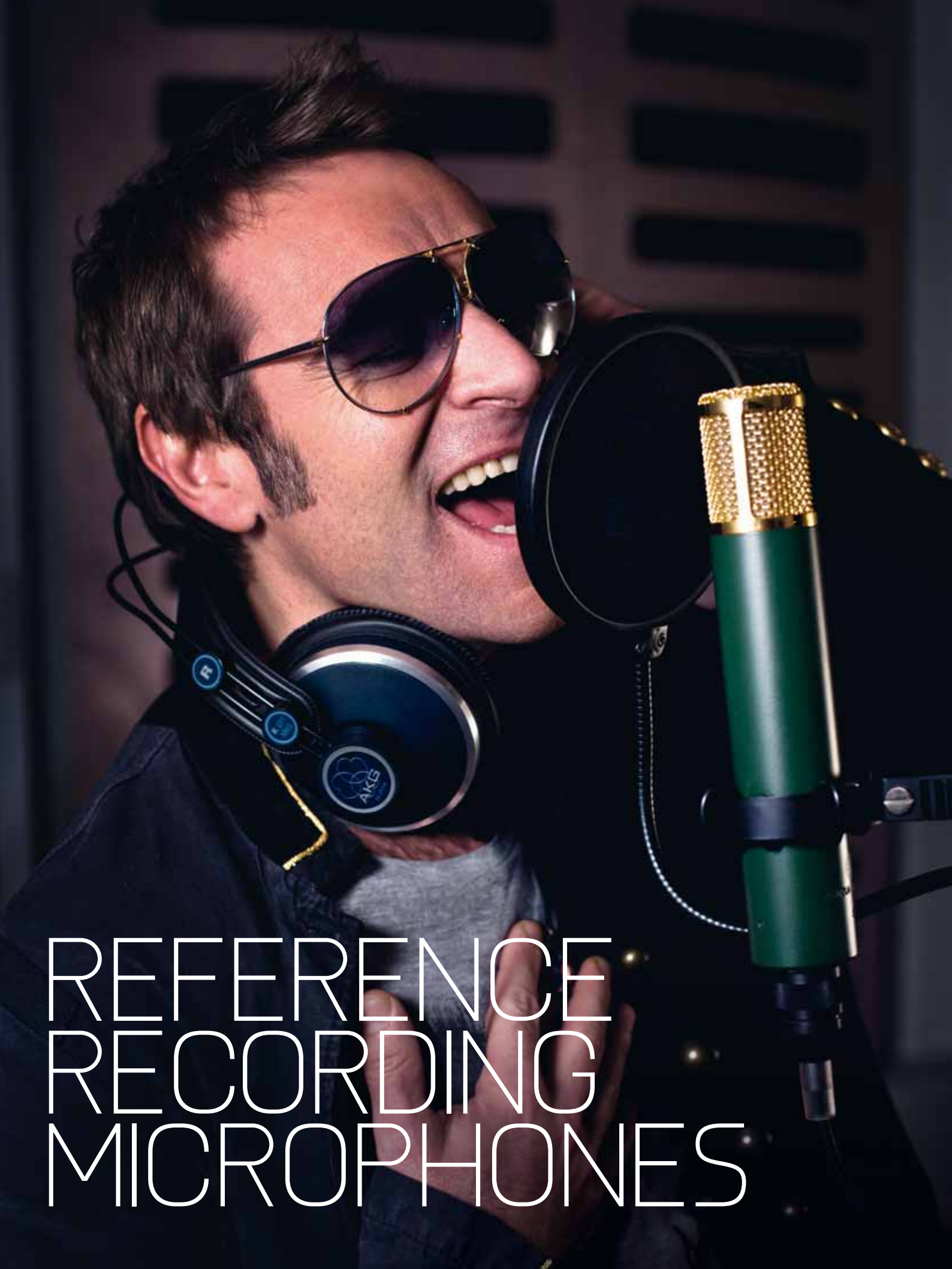
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RECORDING MICROPHONES





REFERENCE RECORDING MICROPHONES

THE SOUND OF A LEGENDARY BRAND

For more than six decades, AKG microphones and headphones have been setting the standard in countless radio, television and recording studios around the world. The distinctively classic AKG large diaphragm sound is characterized by a silky soft, natural acoustic pattern and unsurpassed distinction in the mix. Its typical frequency curve removes harsh elements from the human voice, yet the signal stays in the foreground even at low levels.



The secret of the incredible quality of AKG reference recording microphones is the specific design of the razor thin, gold-plated capsule. Contact is achieved by the outer ring allowing the complete surface of the membrane to oscillate freely and unimpeded. These prized capsules are hand built in Vienna and individually tested with the most modern precision measuring technology. AKG products are an essential investment in the perfect sound: they are extremely reliable, have a proven industry track record and continue to appreciate in post sale value.

< C414 XLS

The C414 XLS maintains the sonic character of the legendary C414 B-ULS, the most popular AKG C414 version since 1971. Engineered for highest linearity and neutral sound, it has been the most versatile large-diaphragm microphone for decades.



**QUINCY JONES, MUSICAL ARRANGER, FILM COMPOSER, PRODUCER & TRUMPETER.
79 GRAMMY AWARD NOMINATIONS, 27 GRAMMYS, USA**

The C12 and the C414s have been among my most favorite microphones over many decades I have used so far. Nothing compares to the typical warm and airy AKG sound, that you can hear on many number one hits in the charts.



C12 VR

REFERENCE MULTIPATTERN
TUBE CONDENSER MICROPHONE



THE HOLY GRAIL OF MICROPHONES

Legendary tube sound for lead vocals, brass instruments and electric guitars

The C12 VR is the reference multipattern tube studio condenser microphone with nine polar patterns selectable by a remote control. Among sound engineers, the AKG C12 is considered the holy grail of microphones. This legendary microphone, first built in the 1950s, is one of the most famous tube microphones in history, and its successor is today's C12 VR.

The C12 VR is an enhanced version of the original C12, from the capsule sound to the original 6072A vacuum tube carefully handcrafted in Vienna, Austria.

-
- **The legendary AKG sound used on dozens of number-1-hits**
an enhanced version of the highly sought-after AKG C12 built 1953-1960
 - **Edge-terminated CK12 capsule and original 6072A vacuum tube**
provide a sound that is simply beyond words
 - **Selected state-of-the-art components**
ensure low noise and reliable operation
 - **Nine remotely selectable polar patterns**
for maximum flexibility and ease of use
 - **Carefully handcrafted in Vienna, Austria**
meticulous attention to detail ensures highest quality

Included accessories: H15 T Shockmount, MK Tube Cable,
N12 VR Power supply, W42 Windscreen

Item Number: C12 VR 2221Z00040



C451 B

REFERENCE SMALL-DIAPHRAGM
CONDENSER MICROPHONE



ONE FOR THE ROAD

for drums, percussion, acoustic guitar and strings

The C451 B is a small-diaphragm condenser microphone with the identical acoustical behavior of its predecessor, the legendary C451 EB + CK1 capsule, which was a bestseller right from the start in 1969.

With its airy sound, high overload limit and improved engineering details, the C451 B continues the success story of this legend. The roadworthy design around the handcrafted capsule and the low-noise preamp electronics ensure impressive results even under very harsh conditions.

- **Sound of the legendary C451 EB + CK1 capsule from 1969**
delivers stunning sound quality with maximum accuracy
- **Established tour sound standard since the 1980s**
for excellent sound quality even under harsh on-stage conditions
- **Impressive sound pressure level capability of 155dB SPL**
allows close-miking of high-energy sound sources without distortion
- **Highly effective high-pass filter with 12dB/octave**
prevents low-end distortion caused by rumble or wind noise
- **Transformerless preamp and surface mount technology**
provides extremely low distortion, highest reliability and less weight

Included accessories: W90 Windscreen, SA60 Stand adapter,
Microphone bag

Item Number: C451 B 2895Z00010

C414 SERIES

REFERENCE CONDENSER MICROPHONES

ONE LEGENDARY NAME - TWO LEGENDARY SOUNDS

from lead vocals to every instrument in studio and on stage, the most versatile microphone ever

The C414 family has been one of the world's most widely used and respected studio and stage microphones. AKG continuously sets new benchmarks for features and technical specifications, responding to requests from ever-demanding recording studios, broadcast stations and audio engineers.

Everyone who is used to working with a C414 will find the acoustic advantages of an AKG large-diaphragm microphone very familiar. Since the mid-1980s, the C414 has been THE reference microphone of the recording industry and a proven workhorse for the stage.

All Products share these features:

- **One-inch edge-terminated capsule**
gold-sputtered diaphragms ensure maximum reliability on the road
- **High sound pressure level capability**
up to 158dB SPL and an incredible dynamic range of 152dB
- **High sensitivity and extremely low self-noise**
one of the quietest microphones in the world (6dBa-A only)
- **Super-flexible settings and workflow**
- **Designed and engineered in Vienna, Austria**



C414 XLS

REFERENCE MULTIPATTERN
CONDENSER MICROPHONE



A LEGEND SINCE 1971

The most versatile microphone for vocals and instruments in studio and on stage

The C414 XLS multipattern condenser microphone offers a choice of nine polar patterns for the perfect sonic capture for every application. A peak hold LED displays even the shortest overload peaks. For live-sound applications and permanent installations, all controls can easily be disabled for trouble-free use.

The C414 XLS maintains the sonic character of the legendary C414 B-ULS, the most popular AKG C414 version since 1971. Engineered for highest linearity and neutral sound, it has been the most versatile large-diaphragm microphone for decades.

- **Engineered for highest linearity and neutral sound**
for beautifully detailed recording of vocals and any acoustic instrument
- **Nine selectable polar patterns**
for the perfect setting for every application
- **Three attenuation levels (-6/-12/-18dB)**
for close-up recording or high-output sources of up to 158dB SPL
- **Three different switchable bass-cut filters**
to reduce wind noise, subsonic noise or proximity effect
- **Overload warning with audio peak hold LED**
to detect shortest audio peaks

Included accessories: H85 Universal shock mount, PF80 Pop filter, W414 Windscreen, Metal carrying case

Item Number: C414 XLS 3059Z00050



C414 XLII

REFERENCE MULTIPATTERN
CONDENSER MICROPHONE



C214

PROFESSIONAL
LARGE-DIAPHRAGM
CONDENSER MICROPHONE



THE CLASSIC C12 SOUND

for recording of lead vocals and solo instruments in studio and on stage

The C414 XLII multi-pattern condenser microphone offers a choice of nine polar patterns for the perfect sonic capture for every application. A peak hold LED displays even the shortest overload peaks. For live-sound applications and permanent installations, all controls can easily be disabled for trouble-free use.

The C414 XLII version differs from the C414 XLS version in one major respect – the capsule. The C414 XLII's slight presence boost and impressive spatial reproduction are both similar to the legendary AKG C12 microphone from 1953.

ENGINEERED EXCELLENCE

for recording of lead vocals and solo instruments in studio and on stage

The C214 large-diaphragm condenser microphone has been designed as a cost-effective alternative to the high-end C414 family. Like the C414, the C214 offers a supreme one-inch capsule on an integrated suspension to reduce mechanical noise. A switchable 20dB attenuation pad allows recording of loud sources of up to 156dB SPL. A switchable bass-cut filter allows close-up recording with almost no proximity effect.

The C214 captures sound by combining one capsule of the legendary C414 dual-capsule system and the patented AKG Back-Plate Technology, resulting in an outstanding performance close to the famous C414 XLII.

- **Sonic character of the famous AKG C12**
delivers astounding sound quality for lead vocals and solo instruments
- **Nine selectable polar patterns**
for the perfect setting for every application
- **Three attenuation levels (-6/-12/-18dB)**
for close-up recording or high-output sources of up to 158dB SPL
- **Three switchable different bass-cut filters**
to reduce wind noise, stage vibration or proximity effect
- **Overload warning with audio peak hold LED**
to detect shortest audio peaks

Included accessories: H85 Universal shock mount, PF80 Pop filter, W414 Windscreen, Metal carrying case

Item Number: C414 XLII 3059Z00060

- **Sonic character of the C414 XLII**
for beautifully detailed recording of lead vocals and solo instruments
- **Outstanding dynamic range and ultralow noise**
for close-up recording of high-output sources of up to 156dB SPL
- **Switchable 20dB attenuator and bass-cut filter**
for close-up recording and reduction of proximity effect
- **Integrated suspension**
to reduce mechanical noise and vibration from stage
- **Roadworthy design**
all-metal die-cast body with shock- and scratch-resistant finish

Included accessories: H85 Universal shock mount, Metal carrying case

Item Number: C214 3185Z00010

MATCHED PAIR STEREO SETS

PERFECT TWINS

*for stereo recording of any acoustic instruments
in studio and on stage*

The AKG reference matched pair stereo sets are created by a sophisticated computer aided matching method. Selected from thousands individual microphones, both microphones of one matched pair show a maximum variance of 1dB at the frequency response and have identical sensitivity.

The matched pair stereo sets come in a top quality aluminum case including the individual measurement documents.

All Products share these features:

- **Computer aided matching method of both microphones**
for highest possible correlation of frequency responses by a maximum difference of 1dB
- **Selected from thousand of individual microphones**
for identically sensitivity of both microphones
- **Perfect suited for stereo recording techniques**
by two identically matched microphones

The Matched pair is available for the C451 B, C414 XLS, C414 XLII and the C214.



C451 B

MATCHED PAIR STEREO SET

The C451 B is a reference small-diaphragm condenser microphone. With its airy sound, high overload limit and improved engineering details, the C451 B continues the success story of its predecessor, the legendary C451 EB + CK1 capsule. The roadworthy design around the handcrafted capsule and the low-noise pre-amp electronics ensure impressive results even under very harsh conditions. Selected from thousands of individual microphones, both microphones of the matched pair show a maximum variance of 1 dB at the frequency response and have identical sensitivity.

C451 Matched Pair Stereo Set Package includes:

- 2 x C451
- 2 x Stand adapter
- 2 x Windscreen
- 1 x Stereo mounting bar, Aluminum carrying case, Measurement documents

Item Number: C451 B Matched Pair 2895Z00210



C414 XLS

MATCHED PAIR STEREO SET

The C414 XLS reference multipattern condenser microphone offers a choice of nine polar patterns for the perfect sonic capture for every application. The C414 XLS maintains the sonic character of the legendary C414 B-ULS, the most popular AKG C414 version since 1971. Engineered for highest linearity and neutral sound, it has been the most versatile large-diaphragm microphone for decades.

C414 XLS Matched Pair Stereo Set Package includes:

- 2 x C414 XLS
- 2 x Elastic spider suspensions
- 2 x Windscreen
- 1 x Stereo mounting bar, Aluminum carrying case, Measurement documents

Item Number: C414 XLS Matched Pair 3059Z00230



C414 XLII

MATCHED PAIR STEREO SET

The C414 XLII reference multi-pattern condenser microphone offers a choice of nine polar patterns for the perfect sonic capture for every application. The C414 XLII's slight presence boost and impressive spatial reproduction are both similar to the legendary AKG C12 microphone from 1953.

C414 XLII Matched Pair Stereo Set Package includes:

- 2 x C414 XLII
- 2 x Elastic spider suspensions
- 2 x Windscreen
- 1 x Stereo mounting bar, Aluminum carrying case, Measurement documents

Item Number: C414 XLII Matched Pair 3059Z00240



C214

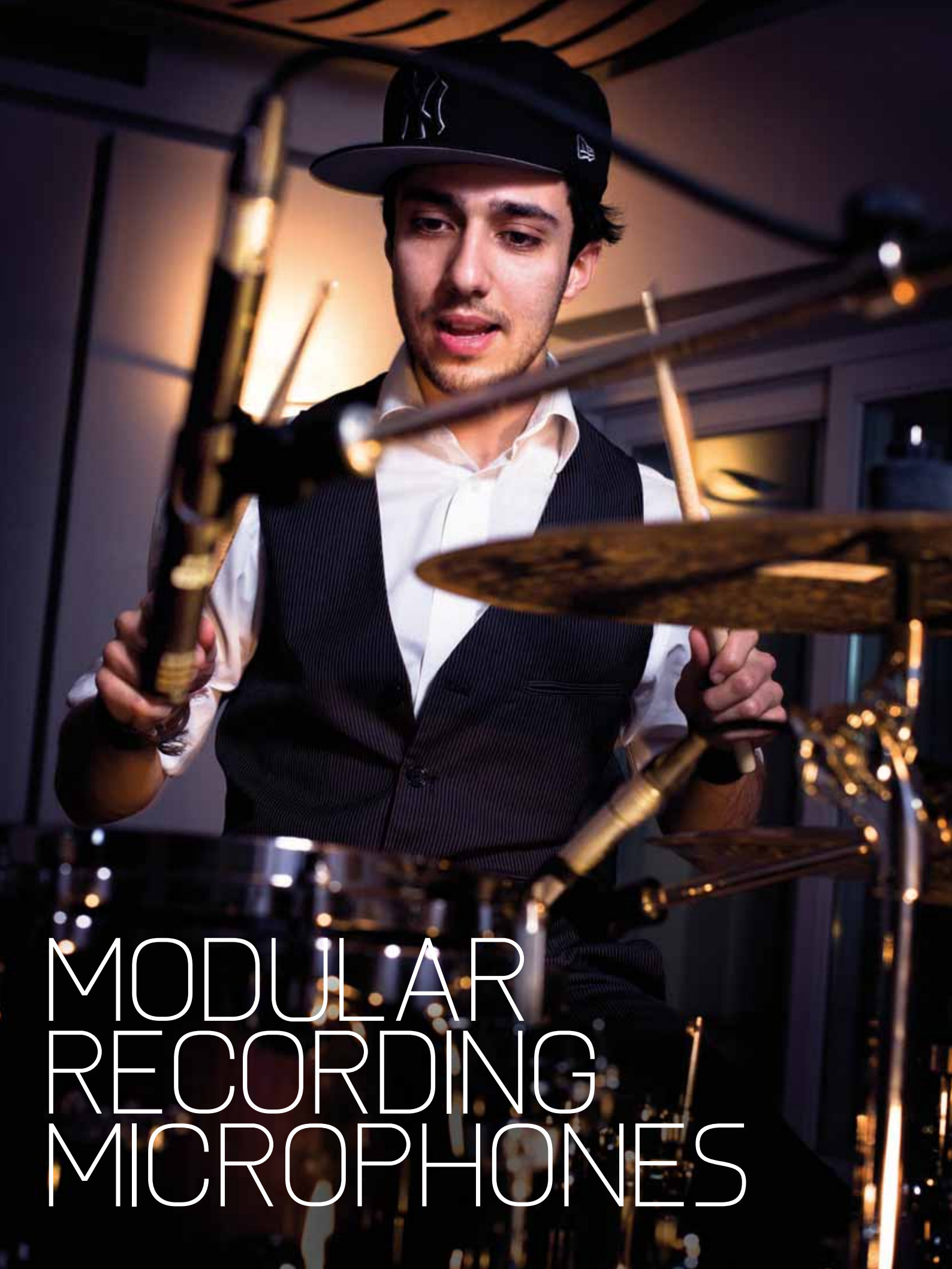
MATCHED PAIR STEREO SET

The C214 large-diaphragm condenser microphone has been designed as a cost-effective alternative to the high-end C414 family. The C214 captures sound by combining one capsule of the legendary C414 dual-capsule system and the patented AKG Back-Plate Technology, resulting in an outstanding performance close to the famous C414 XLII.

C214 Matched Pair Stereo Set Package includes:

- 2 x C214
- 2 x Elastic spider suspensions
- 2 x Windscreen
- 1 x Aluminum carrying case, Measurement documents

Item Number: C214 Matched Pair 3185Z00110



MODULAR RECORDING MICROPHONES

MODULAR FLEXIBILITY FOR PINPOINT PRECISION

Special microphones are an absolute must for difficult and complex applications. With the ULS and Blue Line Modular Series, AKG offers two modular condenser small diaphragm microphone series which combine the finest nuances in reproduction with an exceptional level of precision. Their modular design allows precise low source sound pick up and maximum flexibility in the choice of capsule and required directional characteristics.



Both series are based on a special low noise microphone amplifier and offer a variety of competitively priced application possibilities in combination with different capsules and assorted accessories. The ultra-light capsule membrane not only provides substantial reduction in structure borne noise, but a high resistance to RF and electromagnetic interference ensures trouble-free operation even in the most challenging conditions. Although the exclusive ULS series is more suited to the studio, the bayonet coupling of the more robust Blue Line Series allows rapid acoustic change suited to both live and studio recording.

< ULS SERIE

The Ultra Linear Series is a modular system of reference class condenser microphones. With four interchangeable capsules, the Ultra Linear Series offers incredibly flexible solutions for speech, vocal, instrumental and ambient recordings. The ULS microphones minimize coloration, distortion and noise and offer just pure sound.



LARS BROGAARD, PRODUCTION MANAGER, FOH ENGINEER AND TOUR SOUND LANDMARK, UK

Big productions are always full-time jobs. You work hard, and you need absolutely reliable tools to support you. That's why I trust the AKG ULS Series microphones whenever it gets tricky. These mics are so flexible, precise and rugged, it's always a relief to know these little fellows are out there.

ULS

PROFESSIONAL SMALL-DIAPHRAGM
MODULAR MICROPHONE SERIES

JUST PURE SOUND

*designed for the most demanding studio and
broadcast applications*

The ULS, Ultra Linear Series, offers four reference class small condenser mics. The series is intended primarily for studio and broadcast applications in which state-of-the-art performance is mandated. With the available cardioid, hypercardioid, omnidirectional, and highly directional shotgun capsules, the Ultra Linear Series offer an incredible flexible solution for speech, vocal, instrumental and ambient recordings.

Thanks to the ultra linear preamp the capsules have a vastly improved noise floor, permitting self noise performance in the range of 9 to 11dB-A. Maximum sound pressure levels in the range of 144dB can be attained with no greater than 0.5% distortion, giving the capsules a new level of overall performance. The ULS series microphones miss out on coloration, distortion and noise and offer just pure sound.

All Products share these features:

- **Ultra low noise**
for unbelievable equivalent noise levels of 9 to 11dB-A only
- **Four different capsules available**
provides the right solution for every application
- **1/2-inch true condenser technology with ULS design**
offers ruler-flat frequency responses
- **Transformer-less preamp**
provides extremely low distortion and highest reliability
- **Self-cleaning contact with huge contact area**
ensures reliable operation and extremely long life



C480 B ULS

PROFESSIONAL MICROPHONE
PRE-AMPLIFIER

NOISE-FREE

for ULS capsules CK61, CK62, CK63, CK69 ULS

The C480 B is the pre-amp for the ultralinear series capsules, CK61, CK62, CK63, and CK69 ULS, and represents one of the quietest microphone amps ever built. The C480 B offers excellent audio quality and maximum flexibility. Its electronic circuitry coupled with a transformerless output stage assures completely linear transfer characteristics across the entire frequency range, while achieving self-noise figures close to the theoretical minimum.

A specially designed output stage drives difficult loads like excessively long cables without harming the signal quality. The C480 B offers a two-step high-pass filter and two gain stages of either -10dB or +6dB.

- **Sophisticated microphone pre-amp design**
for ultralow noise performance
- **Transformerless output**
provides extremely low distortion, highest reliability and less weight
- **Switchable attenuation pad**
enables high SPL applications up to 144dB
- **Switchable bass-cut filter**
eliminates rumble or footfall noise
- **Specially designed output stage for difficult loads**
drives excessively long cables with no signal degradation

Item Number: C480 B ULS 2180Z00150



C480 B COMBO

PROFESSIONAL MODULAR
CONDENSER MICROPHONE



CK61 ULS

PROFESSIONAL CONDENSER
MICROPHONE CAPSULE



HASSLE-FREE

for distant instrument recording, MS and XY stereo techniques

The C480 B Combo is a combination of C480 B pre-amp and the CK61 ULS capsule. It offers excellent audio quality and maximum flexibility. The electronic circuitry of the C480 B comes with a transformerless output stage and assures completely linear transfer characteristics across the entire frequency range, while achieving self-noise figures close to the theoretical minimum.

The CK61 capsule is characterized by a ruler-flat frequency response and an unmatched consistent cardioid polar pattern. It is the ideal choice for critical recording and live-sound applications where consistent suppression of off-axis sound is an important requirement. The CK61 ULS is widely used in broadcast and recording studios as well as on stages worldwide.

DISTORTION-FREE

for distant instrument recording, MS and XY stereo techniques

The CK61 ULS professional small condenser capsule is characterized by a ruler-flat frequency response and an unmatched consistent cardioid polar pattern. It is the ideal choice for critical recording and live-sound applications where consistent suppression of off-axis sound is an important requirement. The CK61 ULS is widely used in broadcast and recording studios as well as on stages worldwide.

The CK61 ULS works exclusively with the C480 B pre-amp. To ensure an extra-long life and a reliable connection, the capsule is equipped with large-area, self-cleaning, gold-plated contacts. Careful attention to detail and highest manufacturing standards make the CK61 Ultra Linear Series capsule the choice of experienced technicians worldwide.

- **Sophisticated microphone pre-amp design**
for ultralow noise performance
- **Transformerless output**
provides extremely low distortion, highest reliability and less weight
- **Specially designed output stage for difficult loads**
drives excessively long cables with no signal degradation
- **Cardioid polar pattern with excellent on-axis response**
for pure, pristine sound quality
- **Self-cleaning contacts**
ensure reliable operation and long life

Included accessories: SA60 Stand adapter, Metal carrying case, W23 Windscreen

Item Number: C480 B Combo 2200Z00330

- **Cardioid polar pattern with excellent on-axis response**
for pure, pristine sound quality
- **Self-cleaning contacts**
ensure reliable operation and long life
- **Carefully handcrafted in Vienna, Austria**
meticulous attention to detail ensures highest quality

Included accessories: W32 Windscreen

Item Number: CK61 ULS 2231Z00210

ULS (CONTINUED)



CK62 ULS

PROFESSIONAL CONDENSER
MICROPHONE CAPSULE



CK63 ULS

PROFESSIONAL CONDENSER
MICROPHONE CAPSULE



COLORATION-FREE

for ambience recording and advanced stereo recording techniques

The CK62 ULS professional small condenser capsule is characterized by a ruler-flat frequency response and an omnidirectional polar pattern. It is one of the most neutral small-diaphragm capsules ever, and a perfect choice for demanding applications such as classical-music recording. The CK62 ULS is widely used in recording studios, in opera houses and on theater stages around the world.

The CK62 ULS works exclusively with the C480 B pre-amp. To ensure an extra-long life and a reliable connection, the capsule is equipped with large-area, self-cleaning and gold-plated contacts. Careful attention to detail and the highest manufacturing standards make the Ultra Linear Series modular system the choice of experienced technicians worldwide.

NO PROBLEM

high gain before feedback for noisy environments

The CK63 ULS professional small condenser capsule is characterized by a ruler-flat frequency response. Its consistent hypercardioid polar pattern provides unmatched channel separation, exceptional off-axis rejection and high gain before feedback. The CK63 ULS is widely used in broadcast and recording studios as well as on stages around the world.

The CK63 ULS works exclusively with the C480 B pre-amp. To ensure an extra-long life and a reliable connection, the capsule is equipped with large-area, self-cleaning, gold-plated contacts. Careful attention to detail and the highest manufacturing standards make the Ultra Linear Series modular system the choice of experienced technicians worldwide.

- **Omnidirectional polar pattern**
for pure, pristine sound quality
- **Self-cleaning contacts**
ensure reliable operation and long life
- **Carefully handcrafted in Vienna, Austria**
meticulous attention to detail ensures highest quality

Included accessories: W32 Windscreen

Item Number: CK62 ULS 2231Z00220

- **Hypercardioid polar pattern with excellent on-axis response**
for pure, pristine sound quality at high gain before feedback
- **Self-cleaning contacts**
ensure reliable operation and long life
- **Carefully handcrafted in Vienna, Austria**
meticulous attention to detail ensures highest quality

Included accessories: W32 Windscreen

Item Number: CK63 ULS 2231Z00250



CK69 ULS

PROFESSIONAL SMALL
CONDENSER MICROPHONE
SHOTGUN CAPSULE



POINT. SHOOT. INTERVIEW.

for TV interviews, film close-ups and ambience recording

The CK69 ULS professional shotgun capsule delivers perfect results for film/TV outdoor applications or indoor front-of-stage recording. It has a unique two-shotgun-capsules-in-one-microphone design, which enables quick and easy conversion from long- to short-distance applications. It is also a perfect microphone for interviews in noisy environments.

The CK69 ULS works exclusively with the C480 B pre-amp. To ensure an extra-long life and a reliable connection, the capsule is equipped with large-area, self-cleaning, gold-plated contacts. An eye for detail paired with the highest manufacturing standards makes the Ultra Linear Series capsules the choice of knowledgeable technicians worldwide.

-
- **Sophisticated interference tube design**
provides maximum noise attenuation
 - **Two shotgun lengths in one microphone**
for a selectable operating distance
 - **Carefully handcrafted in Vienna, Austria**
meticulous attention to detail ensures highest quality

Included accessories: W48 Windscreen, W49 Windscreen

Item Number: CK69 ULS 2669Z00010

BLUE LINE

HIGH-PERFORMANCE SMALL-DIAPHRAGM
CONDENSER MICROPHONE SERIES

DO THE TWIST

*wherever speed, ruggedness and high sound quality
are mandatory*

The Blue Line Series is a family of pre-polarized condenser capsules, all compatible with a supreme pre-amp module. Its robust Modulock™ bayonet coupling allows quick and easy interchanging of the capsules modules. All modules feature accurate axial response, uniform pattern control and low self noise. With the available cardioid, hypercardioid, omnidirectional and highly directional shotgun capsules, the Blue Line Series offers an incredible flexible solution for the most demanding speech, vocal, instrumental and ambient recordings.

The Blue Line Series is primarily designed for studio and broadcast applications. Thanks to the road-worthy and light-weight design the microphones are also often found in heavy-duty use on stages worldwide.

All Products share these features:

- **Five different quick interchangeable capsules**
allow a wide range of studio and broadcast applications
- **Half-inch back-plate condenser technology**
offers great sound performance and reliable quality
- **Robust Modulock™ bayonet design**
allows quick and easy interchanging of the capsules
- **Switchable bass-cut filter and attenuation pad**
enable high SPL applications and eliminate rumble or footfall noise
- **Roadworthy but lightweight design**
for heavy-duty use in harsh environment without ballast



SE300 B

HIGH-PERFORMANCE
MICROPHONE PRE-AMPLIFIER

HEAVY-DUTY USE WITHOUT BALLAST

for Blue Line Series capsules CK91, CK92, CK93, CK94 and CK98

The SE300 B is the pre-amp for the Blue Line Series capsules CK91, CK92, CK93, CK94 and CK98. This system is designed for excellent audio quality and maximum flexibility. Its robust Modulock™ bayonet coupling allows quick and easy changing of the capsules. The state-of-the-art electronics design ensures high RF immunity in critical environments.

The SE300 B provides a switchable bass roll-off/attenuator with three positions: flat, 75Hz and 10db attenuation.

- **Extremely compact, reliable circuitry**
ensures high RF immunity in critical environments
- **Switchable attenuation pad**
for high SPL applications up to 144dB
- **Switchable bass-cut filter**
eliminates rumble or footfall noise
- **Universal phantom powering from 9V to 52V**
for operating with phantom power supply
- **Robust Modulock™ bayonet design**
allows quick and easy changing of the capsules

Included accessories: SA60 Stand adapter

Item Number: SE300 B 2439X00080



C391 B

HIGH-PERFORMANCE
CONDENSER MICROPHONE



CK91

HIGH-PERFORMANCE
CONDENSER MICROPHONE
CAPSULE



A COMPACT SOLUTION

for vocal and instrument recording, MS and XY stereo techniques

The C391 B high-performance small-diaphragm condenser microphone is a combination of the Blue Line Series CK91 and the SE300 pre-amplifier. The microphone has a cardioid polar pattern, a low self-noise and very good transient response for a bright and brilliant sound. It also features the ability to quickly interchange its capsule with one of the other capsules of the Blue Line Series, making it an excellent mic for demanding broadcast applications.

The C391 B provides a switchable bass roll-off/attenuator with three positions: flat, 75Hz and 10dB attenuation.

A QUICK FIX

for live broadcasting and studio productions

The CK91 high-performance small condenser capsule is characterized by a smooth and well-balanced frequency response and a consistent cardioid polar pattern. It is the ideal choice for critical live and studio broadcast applications where consistent suppression of off-axis sound is required.

The CK91 is part of the Blue Line Series and works exclusively with the SE300 B pre-amp module. Its robust Modulock™ bayonet coupling allows quick and easy changing of the capsules.

- **Precise cardioid polar pattern**
for uncolored sound quality and high gain before feedback
- **Switchable attenuation pad**
enables high-SPL applications up to 144dB
- **Switchable bass-cut filter**
eliminates rumble or footfall noise
- **Universal phantom powering from 9 to 52V**
for operating with phantom power supply
- **Carefully handcrafted in Vienna, Austria**
meticulous attention to detail ensures highest quality

Included accessories: SA60 Stand adapter, W90 Windscreen

Item Number: C391 B 2442Z00010

- **Robust Modulock™ bayonet design**
allows quick and easy changing of the capsules
- **Precise cardioid polar pattern**
for uncolored sound quality and high gain before feedback
- **Self-cleaning contacts**
ensure reliable operation and long life

Included accessories: W90 Windscreen

Item Number: CK91 2439Z00010

BLUE LINE (CONTINUED)



CK92

HIGH-PERFORMANCE
CONDENSER MICROPHONE
CAPSULE



CLOSE-UP

for close instrument miking and ambience pickup

The CK92 is a high-performance small condenser capsule with an omnidirectional polar pattern. It offers exceptionally neutral presentation of a source in its ambient sound field, providing consistent results regardless of the distance between microphone and source. Due to its nondirectional pickup, it is free of proximity effect and perfect for close-up miking of instruments, as well as for ambience recording.

The CK92 is part of the Blue Line Series and works exclusively with the SE300 B pre-amp module. Its robust Modulock™ bayonet coupling allows quick and easy changing of the capsules.



CK93

HIGH-PERFORMANCE
CONDENSER MICROPHONE
CAPSULE



HIGHER GAIN BEFORE FEEDBACK

for vocals and instruments, wherever off-axis sound suppression is important

The CK93 high-performance small condenser capsule is characterized by a smooth and well-balanced frequency response and a consistent hypercardioid polar pattern. It provides greater attenuation of off-axis sound and more direct sound. Thus it is the ideal choice for critical live and studio broadcast applications where consistent suppression of off-axis sound is required.

The CK93 is part of the Blue Line Series and works exclusively with the SE300 B pre-amp module. Its robust Modulock™ bayonet coupling allows quick and easy changing of the capsules modules.

- **Robust Modulock™ bayonet design**
allows quick and easy changing of the capsules
- **Omnidirectional polar pattern**
for pure, pristine sound quality
- **Self-cleaning contacts**
ensure reliable operation and long life

Included accessories: W90 Windscreen

Item Number: CK92 2439Z00020

- **Hyper-cardioid polar pattern with excellent on-axis response**
for best sound quality at highest gain before feedback
- **Robust Modulock™ bayonet design**
allows quick and easy changing of the capsules
- **Self-cleaning contacts**
ensure reliable operation and long life

Included accessories: W90 Windscreen

Item Number: CK93 2439Z00030



CK94

HIGH-PERFORMANCE
CONDENSER MICROPHONE
CAPSULE

8



CK98

HIGH-PERFORMANCE SHORT
SHOTGUN CONDENSER
MICROPHONE CAPSULE

8

ADVANCED STEREO MIKING

for interviews and M/S stereo technique applications

The CK94 high-performance small condenser capsule is characterized by a smooth and well-balanced frequency response. Its figure-eight polar pattern picks up sound arriving from opposite directions and efficiently suppresses off-axis sounds. Thus it is the perfect tool for applications where sound sources face each other, as in broadcast-interview and roundtable situations. It is also perfect as a side microphone in M/S stereo technique.

The CK94 is part of the Blue Line Series and works exclusively with the SE300 B pre-amp module. Its robust Modulock™ bayonet coupling allows quick and easy changing of the capsules.

AN EASY CATCH

for broadcasting and theater productions

The CK98 high-performance small condenser capsule combines high sensitivity and controlled directivity. It offers excellent reach thanks to a very tight polar pattern and exceptionally low self noise. Small size and low weight make the CK98 ideal for boom applications. The smooth, wide-band frequency response makes it a superb choice for edge-of-stage and ceiling placement in theaters.

The CK98 is part of the Blue Line Series and works exclusively with the SE300 B pre-amp module. Its robust Modulock™ bayonet coupling allows quick and easy changing of the capsules.

- **Figure-eight polar pattern with accurate axial response**
for advanced stereo miking techniques

- **Robust Modulock™ bayonet design**
allows quick and easy changing of the capsules

- **Carefully handcrafted in Vienna, Austria**
meticulous attention to detail ensures highest quality

Included accessories: W90 Windscreen

Item Number: CK94 2439Z00060

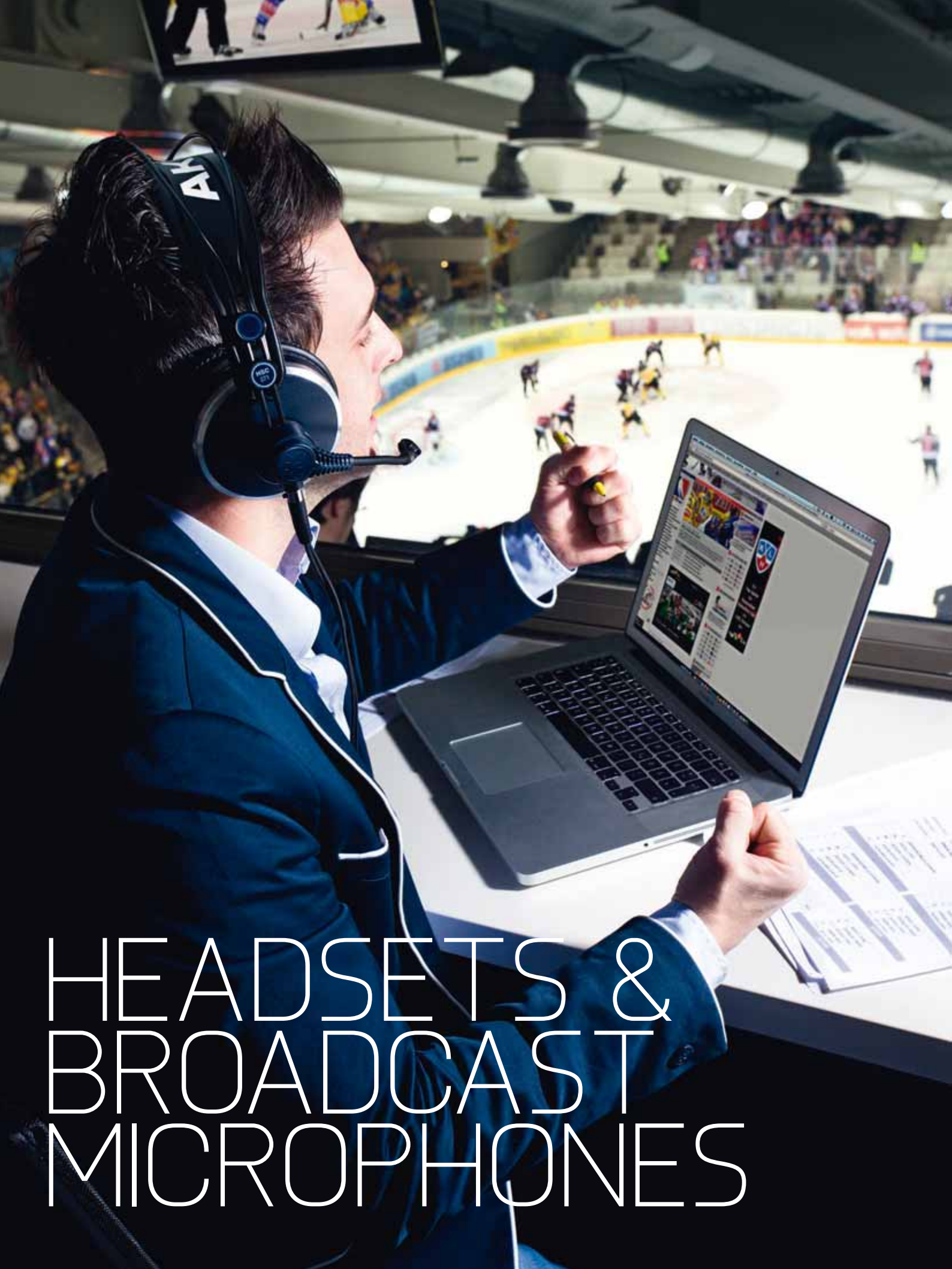
- **Sophisticated interference tube design**
for noise attenuation in difficult environments

- **Robust Modulock™ bayonet design**
allows quick and easy changing of the capsules

- **Carefully handcrafted in Vienna, Austria**
meticulous attention to detail ensures highest quality

Included accessories: W98 Windscreen

Item Number: CK98 2439Z00040



HEADSETS & BROADCAST MICROPHONES

THE FORMULA 1 OF THE AIRWAVES

When it comes to quality, durability and overall sound, broadcast mics are the Formula 1 of specialist microphones. This is driven by the practical demands within radio, film and television for recording microphones which can meet some of the most challenging recording requirements, uses and applications. Headsets are also used in diverse contexts: TV studios, interpreting, ENP/EFP (electronic news gathering / electronic field production), intercoms and live broadcasts. This means that although the setting and sound engineer may change, consistent quality is essential.

AKG has a strong tradition of working closely with prominent radio and TV stations. They have gathered decades of expert advice, experience and recommendations from both broadcast sound engineers and users, and integrated this knowledge and feedback in product development. The result has been advances in specialized headsets and microphones which a professional can fully trust. With on-air broadcasts the accepted principle is clear: "One chance, one take!"



< HSC271

The HSC271 is a standard for intercom, ENG/EFP work and video production. It is based on the successful K271 MKII Studio headphones combined with a high performance condenser microphone. The flexible microphone arm mutes the microphone automatically as it is moved up. The microphone can be mounted to the left or right side, depending on personal preferences and available space.



GERHARD CSISMAZIA, SOUND ENGINEER, ORF (THE AUSTRIAN PUBLIC SERVICE BROADCASTER), AUSTRIA

At the ORF (the Austrian Public Service Broadcaster) we prefer products that have been adjusted to the needs of the user. In developing these new headsets, AKG has thought of simply everything. Thanks to the perfect handling, innovative features and outstanding speech quality, AKG's professional headsets more than meet our requirements.



C747 V11

PROFESSIONAL SHOTGUN
CONDENSER MICROPHONE



A HISTORY OF SOUND

for use in broadcast and recording studios, theaters and conferences

The C747 V11 is a professional shotgun condenser capsule with a flat frequency response and a clean off-axis response. Due to its brilliant sound reproduction, it is perfect for guitar, piano, drum and overhead recordings. Thanks to its inconspicuous appearance, it is also widely used as a speech and lectern microphone.

The C747 V11 features an integrated RFI shield to block out unwanted interference from mobile phones, wireless microphones and other wireless devices. The C747 V11 ships with an extensive accessory set including a shock mount adapter, mini-gooseneck, stand adapter, mounting clamp, thread link and windscreen.

-
- **Enhanced, hypercardioid polar pattern**
eliminates noise from the sides
 - **RFi shielding technology**
prevents interference noise from mobile phones
 - **Withstands high sound pressure levels**
for close-up miking of loud sources
 - **Small and inconspicuous**
for mobile and installed solutions
 - **Extensive accessory set included**
for a wide range of mounting possibilities

Included accessories: H47 Shock mount, MSH70 Short gooseneck,
SA47 Stand adapter, SHZ80 Screw link, W70 Windscreen

Item Number: C747 V11 2226Z00110



CK69 ULS

PROFESSIONAL SMALL
CONDENSER MICROPHONE
SHOTGUN CAPSULE



POINT. SHOOT. INTERVIEW.

*for TV interviews, film close-ups and
ambience recording*

The CK69 ULS professional shotgun capsule delivers perfect results for film/TV outdoor applications or indoor front-of-stage recording. It has a unique two-shotgun-capsules-in-one-microphone design, which enables quick and easy conversion from long- to short-distance applications. It is also a perfect microphone for interviews in noisy environments.

The CK69 ULS works exclusively with the C480 B pre-amp. To ensure an extra-long life and a reliable connection, the capsule is equipped with large-area, self-cleaning, gold-plated contacts. An eye for detail paired with the highest manufacturing standards makes the Ultra Linear Series capsules the choice of knowledgeable technicians worldwide.

- **Sophisticated interference tube design**
provides maximum noise attenuation
- **Two shotgun lengths in one microphone**
for a selectable operating distance
- **Carefully handcrafted in Vienna, Austria**
meticulous attention to detail ensures
highest quality

Included accessories: W48 Windscreen,
W49 Windscreen

Item Number: CK69 ULS 2669Z00010



CK98

HIGH-PERFORMANCE SHORT
SHOTGUN CONDENSER
MICROPHONE CAPSULE



AN EASY CATCH

for broadcasting and theater productions

The CK98 high-performance small condenser capsule combines high sensitivity and controlled directivity. It offers excellent reach thanks to a very tight polar pattern and exceptionally low self noise. Small size and low weight make the CK98 ideal for boom applications. The smooth, wide-band frequency response makes it a superb choice for edge-of-stage and ceiling placement in theaters.

The CK98 is part of the Blue Line Series and works exclusively with the SE300 B pre-amp module. Its robust Modulock™ bayonet coupling allows quick and easy changing of the capsules.

- **Sophisticated interference tube design**
for noise attenuation in difficult environments
- **Robust Modulock™ bayonet design**
allows quick and easy changing of the
capsules
- **Carefully handcrafted in Vienna, Austria**
meticulous attention to detail ensures
highest quality

Included accessories: W98 Windscreen

Item Number: CK98 2439Z00040



C568 B

PROFESSIONAL SMALL
CONDENSER SHOTGUN
MICROPHONE



ZOOM IN

*For theaters, houses of worship, film and
TV productions*

The C568 B professional small condenser capsule combines high directivity and a wide frequency range. It is a perfect tool for theater, sound reinforcement and film/TV applications. Due to its compact and lightweight design, the C568 B is ideal for camera-mount use.

Below 500Hz, it functions as a hypercardioid microphone; above 500Hz, the acoustic interference tube introduces increasing directivity. A switchable 12dB/octave 120Hz bass roll-off filter effectively suppresses impact and wind noise. The C568 B's rugged, all-metal body contains the built-in pre-amp, which requires 9–52V phantom power. The package includes a special foam windscreen as well as a stand adapter.

- **Sophisticated interference tube design**
provides maximum noise attenuation
- **Integrated, switchable bass roll-off filter**
for minimized mechanical noise
- **Compact and lightweight design**
ideal for camera-mount use

Included accessories: W68 Windscreen

Item Number: C568 B 2168Z00040



C4500 BC

PROFESSIONAL FRONT-ADDRESS
CONDENSER MICROPHONE



IN THE FACE

for live broadcast work and close miking of loud sound sources

The C4500 BC large-diaphragm condenser microphone in front-addressed format is specially designed for on-air broadcast work. It provides a cardioid pickup with voice-friendly tuning and a low proximity effect, as well as high RF/EMI insensitivity. The exceptional low self-noise (8dB-A) and its 165dB maximum SPL capability also make the C4500 BC a great tool for close-miking of loud instruments like bass drums, brass instruments and guitar amps.

The C4500 BC comes complete with an H85 spider-type shock mount, W4000 windscreen and a metal carrying case.

-
- **Minimized proximity effect**
for unchanged sound at varying distances
 - **Withstands extreme sound pressure levels**
distortion-free operation for sources up to 165db SPL
 - **Ultralow 8dB-A self-noise**
for demanding studio and broadcast applications
 - **Multilayer pop-screen filter**
to minimize blowing noise
 - **Transformerless output circuit**
ensures zero susceptibility to RF and EMI

Included accessories: W4000 Windscreen,
H85 Universal shock mount

Item Number: C4500 BC 2820X00220



D230

HIGH-PERFORMANCE DYNAMIC
ENG MICROPHONE



FAR-REACHING

for ENG/EFP application

The D230 is a rugged dynamic ENG microphone that delivers exceptional sensitivity and clarity. For decades it has been a standard in the demanding news-gathering field. Because of its omnidirectional pickup, it is insensitive to varying speech distances. An integrated windscreen efficiently reduces wind noise and plosives.

The D230 features an extended shaft for easy placement of station flags without typical handling problems. The body is made of extremely rugged die-cast metal with a nonreflective surface for low-profile on-camera operation.

-
- **Omnidirectional polar pattern**
for unchanged sound at varying speech distances
 - **Rugged all-metal body**
for heavy-duty use and longest lifetime
 - **Extended microphone shaft**
for ease of handling
 - **Integrated windscreen**
minimizes wind noise and plosives

Included accessories: SA44 Stand adapter

Item Number: D230 2558X00020



HSC271

PROFESSIONAL HEADSETS WITH
CONDENSER MICROPHONE



WINNING COMBINATION

for intercom, ENG/EFP, recordings and video production

The HSC271 professional over-ear, closed headset is a standard for intercom, ENG/EFP work and video production. It is based on the successful K271 MKII Studio headphones combined with a high-performance condenser microphone. The flexible microphone arm mutes the microphone automatically as it is moved up. The microphone can be mounted to the left or right side, depending on personal preference and available space.

The HSC271 features a switch in the headband that mutes the audio just as soon as the headphones are taken off. The high-quality six-pin mini XLR connector allows quick replacement of the cable.



HSC171

PROFESSIONAL HEADSETS WITH
CONDENSER MICROPHONE



LISTEN IN, SPEAK OUT

for recording, intercom, ENG/EFP and video production

The HSC171 professional closed, on-ear studio headset provides extraordinary noise insulation, perfect for use in loud environments. The headset combines the K171 MKII studio headphones with a high-performance condenser microphone. The flexible microphone arm mutes the microphone automatically as it is moved up. The microphone can be mounted to the left or right side, depending on personal preference and available space.

The HSC171 features a switch in the headband that mutes the audio just as soon as the headphones are taken off. The professional six-pin mini XLR connector allows quick replacement of the cable.

- **Over-ear, closed design**
for high comfort and high noise attenuation
- **Condenser microphone on flexible boom**
for best audio quality
- **Auto-mute for headphone and microphone**
prevents feedback
- **Switchable bass-cut filter**
minimizes rumble and wind noise
- **Self-adjusting headband**
allows extended wear without discomfort

Included accessories: W444 Windscreen, Velvet earpads

Item Number: HSC271 2955X00290

- **On-ear, closed design**
for highest possible noise attenuation
- **Condenser microphone on flexible boom**
for best audio quality
- **Switchable bass-cut filter**
minimizes rumble and wind noise

Included accessories: W444 Windscreen, Velvet earpads

Item Number: HSC171 2955X00280



HSD271

PROFESSIONAL HEADSETS WITH
DYNAMIC MICROPHONE



DYNAMIC DIALOGUE

for intercom, ENG/EFP, recordings and video production

The HSD271 professional over-ear, closed headset is a standard for intercom, ENG/EFP work and video production. It is based on the successful K271 MKII Studio headphones combined with a rugged dynamic microphone. The flexible microphone arm mutes the microphone automatically as it is moved up. The microphone can be mounted to the left or right side, depending on personal preference and available space.

The HSD271 features a switch in the headband that mutes the audio just as soon as the headphones are taken off. The plug-in cable with a six-pin mini XLR connector allows quick replacement of the cable.

- **Over-ear, closed design**
for high comfort and high noise attenuation
- **Sealed design**
for recordings without unwanted spill
- **Dynamic microphone on flexible boom**
for maximum robustness
- **Auto-mute for headphone and microphone**
prevents feedback and protects headphones when not in use
- **Self-adjusting headband**
allows extended wear without discomfort

Included accessories: W444 Windscreen, Velvet earpads

Item Number: HSD271 2955X00270



HSD171

PROFESSIONAL HEADSETS WITH
DYNAMIC MICROPHONE



RUGGED AND READY

for recording, intercom, ENG/EFP and video production

The HSD171 professional closed, on-ear studio headset provides an extraordinary noise insulation, perfect for use in loud environments. The headset combines the K171 MKII studio headphones with a rugged dynamic microphone. The flexible microphone arm mutes the microphone automatically as it is moved up. The microphone can be mounted to the left or right side, depending on personal preference and available space.

The HSD171 features a switch in the headband that mutes the audio just as soon as the headphones are taken off. The rugged six-pin mini XLR connector allows quick replacement of the cable.

- **On-ear, closed design**
for highest possible noise attenuation
- **Self-adjusting headband**
allows extended wear without discomfort
- **Dynamic microphone**
for maximum robustness

Included accessories: W444 Windscreen, Velvet earpads

Item Number: HSD171 2955X00260



PROJECT STUDIO MICROPHONES

STEPPING INTO THE WORLD OF THE PROFESSIONAL STUDIO

As more projects (jingles, internet radio, voice, music and productions in universities) are recorded in small and inexpensive studios, AKG has developed the price and performance beating Project Studio Line deriving directly from the capsule technology of the legendary reference recording microphones C12 and C414.



The AKG large membrane system offers a warm, silky sound with a strong punch in the mix. However, the AKG small membrane systems provide a pristine, very precise sound which means that a wide range of different tone colors can be combined into a perfect sound. In essence, microphones from the AKG Project Studio Line bring together a nuanced wealth of professional sound tools with the most up-to-date edge termination technology. Project Studio Line – welcome to the big time.

< C3000

The C3000 high-performance, large-diaphragm condenser microphone has been a standard for live applications and studio recording for almost two decades. It is an excellent choice for vocals, electric and acoustic guitars, drum overhead and brass instrument miking. A sound investment for every studio.



HAL WINER, GRAMMY AWARD NOMINEE, ENGINEER FOR BJÖRK, TONY LEVIN, JOHN PATITUCCI, MIKE STERN AND MANY MORE, USA

The professional recording mics from AKG became my “go to” microphones for almost anything. The Project Studio Line is a perfect completion of my recording mic collection. I absolutely love it!



C4000

HIGH-PERFORMANCE
MULTIPATTERN CONDENSER
MICROPHONE



MELLOW FELLOW

The best-kept secret for thin vocals and instruments

The C4000 is a high-performance multipattern large-diaphragm microphone with exceptionally high headroom and extremely low self-noise. It is among the condenser microphones with the widest dynamic range available today, and it will give equally excellent results in the studio and on stage.

Due to its warm and dark-sounding character, it is known in the pro-audio world as an insider's tip for thin vocals, bright brass instruments and acoustic guitars. Beyond that, it is designed for miking a broad range of instruments from electric guitar to kick drum.



C3000

HIGH-PERFORMANCE
LARGE-DIAPHRAGM
CONDENSER MICROPHONE



A SOUND INVESTMENT FOR EVERY STUDIO

A studio and on-stage standard for vocals, guitar, drums and brass instruments

The C3000 high-performance, large-diaphragm condenser microphone has been a standard for live applications and studio recording for almost two decades. It is an excellent choice for vocals, electric and acoustic guitars, drum overhead and brass instrument miking. The switchable attenuation pad and low-cut filter enable high SPL up to 150dB and eliminate proximity effect.

The redesigned C3000 presents itself as a cost-effective, rugged workhorse with a sleek and classy finish.

- **Genuine one-inch dual-diaphragm condenser transducer**
for a warm and dark-sounding character
- **Selectable polar patterns (cardioid, hypercardioid and omni)**
for a wide range of applications due to dual-capsule design
- **One of the quietest condenser microphones available today**
by the use of ultralow-noise electronic components
- **Transformerless electronic design**
for high SPL capability and low distortion
- **Switchable 10dB attenuation pad**
allows close-in miking at extremely high sound pressure levels

Included accessories: W4000 Windscreen,
H85 Universal shock mount, Metal carrying case

Item Number: C4000 2820X00210

- **Proven performance for more than 15 years**
the standard for live applications and studio recording
- **Ultralow-noise electronics and switchable attenuation pad**
enable high dynamic range and allow SPL up to 150dB
- **Switchable low-cut filter**
eliminates proximity effect
- **Classic sound made affordable**
gold-sputtered one-inch capsule tuned in the tradition of AKG's sonic expertise
- **Heavy-duty die-cast metal housing**
provides maximum protection on stage and in the studio

Included accessories: H85 Universal shock mount,
Metal carrying case

Item Number: C3000 2785X00230



C2000

HIGH-PERFORMANCE
SMALL-DIAPHRAGM
CONDENSER MICROPHONE



THE FIRST STEP INTO THE STUDIO WORLD

for recording of vocals, brass and percussion

The C2000 is a small-diaphragm condenser microphone for vocals, brass and percussion in the studio. Designed with AKG expertise and valuable customer input from all over the world, the C2000 contains the essence of six decades of microphone engineering.

Thanks to the patented capsule design, the C2000 impresses with a good transient response and a smooth low end. Moreover, its low-noise electronics ensure low distortion and a high dynamic range. A must-have for every project studio.



C1000 S

HIGH-PERFORMANCE
SMALL-DIAPHRAGM
CONDENSER MICROPHONE



THE SWISS ARMY KNIFE OF MICROPHONES

for vocal and instrumental recording, on stage, in ENG/EFP and video production

The updated version of the C1000 S multipurpose small-diaphragm condenser microphone is extremely popular for its versatility. It is suitable for recording and live-sound applications as well as for ENG/EFP and video productions. Its gold sputtered capsule housing makes the microphone extremely rugged against humidity. If no phantom power is available, the C1000 S can be powered by two standard AA batteries for up to 120 hours. More versatile than ever before, the new C1000 S features a bass-cut switch and a switchable -10 dB pad.

The polar pattern can quickly be switched from cardioid to hypercardioid. Three different frequency settings are adding more clarity to speech and instrument sounds.

- **Patented capsule design**
for sound quality close to that of large-diaphragm microphones
- **Cardioid polar pattern**
for a multiplicity of applications
- **Low-noise electronics**
ensure low distortion and a high dynamic range
- **Internal windscreen**
protects from wind and breath-generated pops
- **Switchable attenuation pad and low-cut filter**
enable high SPL and eliminate proximity effect

Included accessories: H85 Universal shock mount, Metal carrying case

Item Number: C2000 2786X00210

- **Gold sputtered microphone capsule and XLR pins**
give high immunity against humidity
- **Powered by internal AA batteries or by phantom power**
for use with any equipment and every application
- **Bass cut and -10 dB switchable**
for amazing versatility in every situation
- **Presence boost adapter**
provides three frequency settings for different sound sources
- **Unique polar pattern converter**
allows the microphone to be switched from cardioid to hypercardioid

Included accessories: Microphone bag, SA63 Stand adapter, W1001 Windscreen, PBA1000 Presence boost adaptor, PPC1000 Polar pattern converter

Item Number: C1000 S 3354X00010



PERCEPTION STUDIO MICROPHONES

RECORDING HITS!

It has never been easier to pursue and create productions or pre-productions with simple tools such as a laptop and a good audio interface. The AKG Perception Studio Series is designed for musicians, technicians and producers who are motivated to do creative and innovative work with digital tools, but do not always have the specific technical background or training.

Designed and developed in Vienna, the AKG Perception Studio Series is the culmination of six decades of accumulated technical and production experience in microphone technology. The result is a comprehensive, top performing, competitively priced range of recording microphones for a variety of vocal and instrumental settings, used extensively in the recording of top international productions. The Perception Studio Series – welcome to the hit factory.



< P820 TUBE

The Perception P820 Tube high-performance multi-pattern tube microphones is an excellent tool for highlighting lead vocals, brass instruments, electric guitars, basses and drums. It delivers real tube sound and raises the bar in its class of affordable tube microphones.



BOOTSY COLLINS, GRAMMY AWARD WINNER, P-FUNKATEER & FOUNDER OF BC FUNK UNIVERSITY, USA

From your voice comes the word, sometimes you need special P-quipment to undangle the verbiage. Check out the AKG Perception P820 tube microphone, it worked for me and didn't take out the P.



P820 TUBE

HIGH-PERFORMANCE
MULTIPATTERN TUBE
CONDENSER MICROPHONE



GREATER IN SPIRIT, LARGER THAN LIFE

for highlighting lead vocals, brass instruments, electric guitars and drums

The Perception P820 Tube high-performance multipattern tube microphone is an excellent tool for highlighting lead vocals, brass instruments, electric guitars and drums. With its dual one-inch diaphragm capsule and the advanced ECC83 dual-triode circuitry, the Perception P820 Tube delivers real tube sound and raises the bar in its class of affordable tube microphones.

The remote control unit allows selection of nine different pickup patterns from omnidirectional to cardioid to figure-eight. It also offers controls for the switchable bass-cut filter and the attenuation pad. The Perception P820 Tube comes complete with a spider-type shock mount and a metal carrying case.

- **ECC83 dual-triode tube circuitry emphasizes even-order harmonics**
for rich, smooth and three-dimensional tube sound
- **Remote control unit**
for the perfect choice of polar patterns, bass-cut filters and attenuation pad
- **Dual one-inch diaphragm microphone with**
nine selectable polar patterns for the perfect setting
- **Switchable bass-cut filter**
reduces unwanted rumble or footfall noise
- **A 20dB attenuation pad**
for high-SPL applications up to 155dB

Included accessories: P820 Spider Suspension, Metal carrying case, P820 Cable

Item Number: P820 Tube 3101H00100



P420

HIGH-PERFORMANCE
MULTIPATTERN CONDENSER
MICROPHONE



P220

LARGE-DIAPHRAGM
CONDENSER MICROPHONE



BEAUTIFUL SOUNDSCAPES

ideal for advanced stereo miking techniques

The Perception P420 is a multipattern large-diaphragm true condenser microphone for demanding professional studio recording applications. Offering high sensitivity and 155dB maximum SPL, the Perception P420 delivers a warm, transparent sound quality perfectly suited for ensemble recording, grand piano, woodwind and brass instruments, as well as drums and percussion. With three selectable polar patterns – cardioid, omnidirectional or figure-eight – it is an ideal tool for stereo miking techniques and ambient recording.

The Perception P420 chassis is made of precision-tooled zinc/aluminum alloy with a dent-resistant stainless steel grille. It comes complete with a spider-type shock mount in an aluminum carrying case.

SOUND OF SUCCESS

for lead vocals, acoustic guitar and brass instruments

The Perception P220 is a large-diaphragm true condenser microphone offering a warm and clear sound for lead vocals, acoustic guitar and brass instruments. A switchable bass-cut filter and attenuation pad make it perfectly suited for use on loud sound sources with sound pressure levels up to 155dB SPL. The rugged and roadworthy design also makes the Perception P220 a perfect choice for on-stage applications.

The Perception P220 represents the most popular and successful microphone within the Perception Series. It comes complete with a spider-type shock mount in an aluminum carrying case.

- **One-inch dual-diaphragm microphone with**
three selectable polar patterns for the perfect setting
- **Low-noise electronics and transformerless output**
for high dynamic range and high-SPL capability at low distortion
- **Switchable bass-cut filter**
eliminates rumble or footfall noise
- **Switchable attenuation pad**
for high-SPL applications up to 155dB
- **Designed and engineered in Vienna, Austria**
for legendary, pristine AKG sound

Included accessories: SH300 Spider Suspension,
Metal carrying case

Item Number: P420 3101H00090

- **One-inch large-diaphragm, true condenser transducer**
delivers a classic warm and clear sound
- **Rugged all-metal body and robust design**
a reliable and roadworthy tool
- **Switchable bass-cut filter**
eliminates rumble or footfall noise
- **Switchable attenuation pad**
for high-SPL applications up to 155dB
- **Designed and engineered in Vienna, Austria**
contains the essence of six decades of mic engineering

Included accessories: SH300 Spider Suspension,
Metal carrying case

Item Number: P220 3101H00080



P170

SMALL-DIAPHRAGM
CONDENSER MICROPHONE



P170 STEREO SET

SMALL-DIAPHRAGM
CONDENSER MICROPHONES



AT THE POINT

for recording of overheads, percussion, acoustic guitars and strings

The Perception P170 is a small-diaphragm condenser microphone for recording of overheads, percussions, acoustic guitars and strings. Its lightweight 1/2-inch true condenser transducer diaphragm delivers outstanding clarity and transient response. A switchable attenuation pad enables the Perception 170 to be used close to sound sources delivering up to 155dB SPL.

The Perception P170 utilizes the experience of sound engineers from around the world and is considered an affordable alternative to the legendary AKG C451 B. Incorporated in a heavy-duty all-metal chassis, it delivers the legendary AKG sound to project studios and to every stage.

HEADFIRST

for drums, acoustical instruments, A/B and X/Y stereo recordings

The new Perception P170 Stereo Set consists of two factory-matched small diaphragm condenser microphones with cardioid polar pattern. It extends our successful Perception series and is designed for both professional studio and on stage applications.

The microphone pairs are selected from a large quantity of individual microphones to create matched pairs enabling for stunning and convincing stereo recordings.

- **Lightweight diaphragm**
delivers outstanding clarity and transient response
- **Transformerless electronics**
for full dynamic range and lowest distortion
- **Rugged all-metal body and robust design**
withstand tough day-to-day use
- **Cardioid polar pattern**
for multiplicity of applications
- **Switchable attenuation pad**
for high-SPL applications up to 155dB

Included accessories: Stand adapter Perception

Item Number: P170 3101H00070

- **Professional Stereo Set**
for studio and on stage applications
- **Small diaphragm true condenser microphone**
with cardioid polar pattern.
- **Switchable 20 dB preattenuation pad**
for high-SPL applications up to 155dB
- **All-metal construction**
Heavy-duty, roadworthy,
- **Designed and engineered by AKG in Vienna, Austria**

Included accessories: 2x Stand adapter Perception

Item Number: P170 Stereo Set 3101H00250



P120

LARGE-DIAPHRAGM
CONDENSER MICROPHONE



P120 USB

USB-EQUIPPED
CONDENSER MICROPHONE



CLEAR. ACCURATE. AFFORDABLE.

for vocals, speech and instrument recording in project studios

The Perception P120 is a 2/3-inch diaphragm true condenser microphone that offers solidly built quality, outstanding performance and excellent value. The low-mass diaphragm delivers a clear sound with accurate sonic detail for vocals, speech and instrument recording in project studios.

The Perception P120 provides a switchable 20dB attenuation pad for high-SPL applications up to 150dB and a bass-cut filter to eliminate rumble noise. Incorporated in a heavy-duty, all-metal chassis, it delivers the legendary AKG sound to project studios and to every stage.

BRINGS AKG STUDIO QUALITY TO YOUR DESKTOP

creates professional recordings in your home

The Perception P120 USB is a USB-equipped condenser microphone for podcasts, voiceovers and studio-quality rehearsal recordings. It is a real plug-and-play device for quick and easy professional-quality recording without any installation or drivers. Using USB standard, it connects to any computer.

In its class, the Perception P120 USB is the only USB microphone with an integrated analog-to-digital converter with 24-bit and 128x oversampling. Instead of the usual one-chip solutions, the high-quality analog-to-digital converter delivers a clear sound with accurate sonic detail and low noise.

- **2/3-inch diaphragm true condenser capsule with integrated pop filter**
delivers a clear sound with accurate sonic detail
- **Rugged all-metal body and robust design**
withstand tough day-to-day use
- **Switchable bass-cut filter**
eliminates rumble or footfall noise
- **Switchable attenuation pad**
for high SPL applications up to 150dB SPL
- **Designed and engineered in Vienna, Austria**
contains the essence of six decades of mic engineering

Included accessories: Stand adapter Perception

Item Number: P120 3101H00050

- **High-quality analog-to-digital converter**
for convincing sound quality at low noise
- **2/3-inch diaphragm true condenser capsule**
delivers a clear sound with accurate sonic detail
- **Plug and play for Windows 7/Vista/XP and OS X**
no installation, no drivers, no reboot required
- **Designed and engineered in Vienna, Austria**
contains the essence of six decades of mic engineering
- **Switchable attenuation pad and bass-cut filter**
withstands loud signals up to 150dB and rejects rumble noise

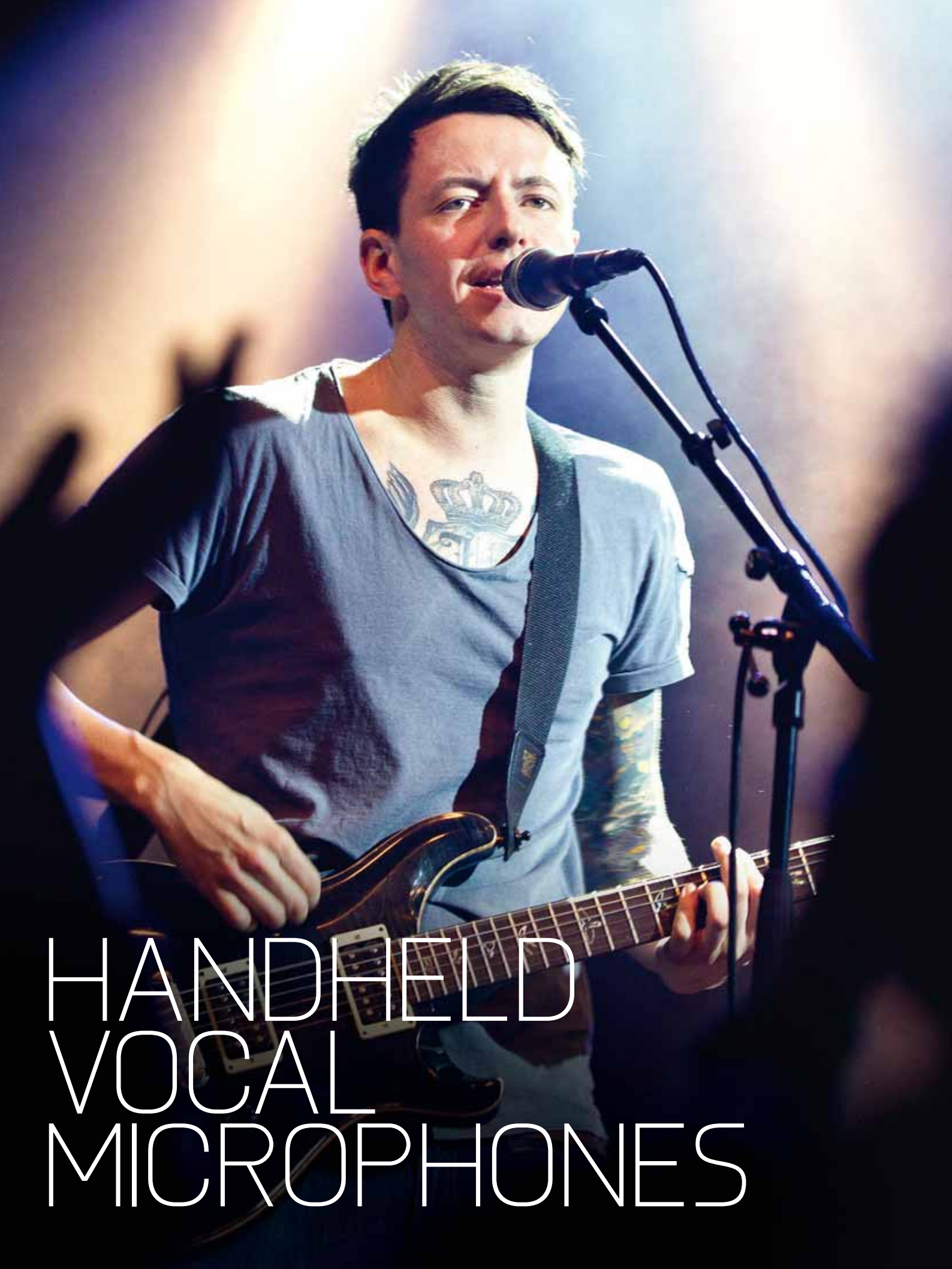
Included accessories: USB Cable Perception 120,
Stand adapter Perception, Tripod

Item Number: P120 USB 3101H00060



LIVE MICROPHONES





HANDHELD VOCAL MICROPHONES

BURSTING THROUGH THE MIX

Studio microphones from AKG have been internationally recognized for decades. Yet over the years this essential studio based experience has been utilized and deployed for many diverse live applications. This means AKG microphones have become steadily popular on stages throughout the world, and proven themselves again and again in a multitude of wide-ranging and demanding live settings. With their robustness, reliability and the ease with which the voice is established in the mix, AKG microphones have become the microphone of choice for many international music performers.



AKG has a perfect microphone for every voice and every style. For vocalists in a loud stage environment or where a person is less experienced in the use of microphone technology, AKG recommends dynamic handheld vocal microphones. These are not only less sensitive to ambient noise, but can also withstand higher acoustic pressure levels. To enable a higher degree of professional vocal intimacy on the stage, however, AKG vocal condenser equipped microphones are the first choice. Both types boast a stylish almost unobtrusive design, whilst outstanding balance and weight distribution allow for hours of tireless performing.

< D5

The D5 premium dynamic vocal microphone for lead and backing vocals delivers a powerful sound even on the noisiest stage. It stands for a crisp sound that cuts through every mix.



DERRICK GREENE, LEAD VOCALS SEPULTURA, BRAZIL

There's so much noise going on in our show and such a mass of sound. I need to have something that really cuts through, so I love to use the AKG D5! It's very clear, and it goes well with my voice. Once we got it, we had to have it for every show!



C535 EB

REFERENCE CONDENSER
VOCAL MICROPHONE



THE VOICE OF THE VOICE

for demanding lead vocals and fine discrete recordings

The C535 EB reference handheld condenser vocal microphone is a classic, legendary microphone that we make our way. It provides the ultimate combination of excellent, highly detailed audio and exceptional ruggedness. A bass cut/roll off filter and a switchable pre-attenuation pad let you match the frequency response and output level to the most diverse recording and onstage miking situations.

The C535 EB's perfect weight distribution ensures fatigue-free handling for demanding vocalists!

-
- **One of the most legendary vocal stage microphones**
valued by iconic artists for more than four decades
 - **Delicate gold-plated condenser capsule**
for detailed pickup of unique individual timbres
 - **Perfect weight distribution from wire mesh to body for comfortable handling over long performances**
 - **Switchable pre-attenuation pad**
to adjust the output level
 - **Bass cut/roll off filter**
reduces unwanted rumble or footfall noise

Included accessories: Microphone bag, SA61 Stand adapter

Item Number: C535 EB 2135Z00030



D7

REFERENCE DYNAMIC
VOCAL MICROPHONE



POWERFUL SOUND FOR PROFESSIONALS

for demanding lead vocals

The D7 reference dynamic vocal microphone creates the subtle and open sound of a condenser capsule with the powerful resonance of a dynamic microphone. The patented dual-layer Varimotion diaphragm can vibrate unhindered, which results in an extraordinarily crisp and clean sound. The unique laminated material damps high resonance peaks in the frequency response, which in combination with the tight, supercardioid polar pattern enables the D7's outstanding high gain before feedback.

Its mechano-pneumatic capsule suspension and an integrated high-pass filter effectively eliminate handling noise. A precision metal dust filter provides a consistent protection for the diaphragm, ensuring an extra-long life.

- **Dual-thickness Varimotion diaphragm**
provides a subtle and open sound in all frequency ranges
- **Highest feedback suppression**
laminated diaphragm material damps critical resonance peaks
- **Integrated hum compensation coil**
for the cleanest sound
- **Precision metal dust filter**
protects the capsule from sound-changing pollution
- **Mechano-pneumatic suspension**
effectively eliminates unwanted handling noises

Included accessories: Microphone bag, SA61 Stand adapter, Inner windscreen

Item Number:

D7	3139X00010	
D7 S	3139X00020	with switch



C5

PROFESSIONAL CONDENSER
VOCAL MICROPHONE



D5

PROFESSIONAL DYNAMIC
VOCAL MICROPHONE



GOLD-PLATED SOUND

for lead and backing vocals

With the C5 professional condenser vocal microphone, your voice will cut through the loudest mix – on any stage. Its cardioid polar pattern ensures maximum gain before feedback and has been optimized for use with in-ear monitor systems. An attachable presence boost adapter offers the unique choice of two sound flavors for a superior audio performance.

A gold-plated transducer case protects the capsule from corrosion and humidity. The solid die-cast housing and its extremely rugged grille construction make the C5 an easy to use, reliable companion for tough stage jobs.

CUTS THROUGH THE MIX

for lead and backing vocals

The D5 professional dynamic vocal microphone for lead and backing vocals delivers a powerful sound even on the noisiest stage. Its frequency-independent supercardioid polar pattern ensures maximum gain before feedback.

The D5 stands for a crisp sound that cuts through every mix. The dual shock mount eliminates any kind of mechanical noise for trouble-free live use. The audience will hear the pristine sound of your voice!

- **Delicate cardioid condenser capsule**
for detailed pickup of unique individual acoustic color
- **24-carat gold-plated transducer case**
for maximum resistance to corrosion and humidity
- **Unique presence boost adapter**
offers a choice of two different sound flavors
- **Integrated shock absorber system**
effectively eliminates unwanted handling noises
- **Robust zinc-alloy housing and spring steel grille**
provide extreme ruggedness for a long stage life

Included accessories: Microphone bag, SA61 Stand adapter, PBA1000

Item Number:

C5 3138X00100

- **Patented laminated Varimotion™ diaphragm**
for crisp sound that cuts through every mix
- **High feedback suppression with supercardioid polar pattern**
for trouble-free use with on stage monitoring
- **Dual shock mount of microphone capsule**
eliminates any kind of handling noise
- **Integrated pop filter**
for elimination of pops and wind noise
- **Spring-steel wire-mesh grille and rugged die-cast housing**
withstand every live performance

Included accessories: Microphone bag, SA61 Stand adapter

Item Number:

D5	3138X00070	
D5 S	3138X00090	with switch
D5	3138X00320	with 5 m/16 ft XLR-cable,
Stagepack		microphone stand (165cm, 4.4ft)
		with boom



BBB DFIVE

PROFESSIONAL DYNAMIC
MICROPHONE FOR
MULTIVOCAL ART



B TS K TS B TS K B

for beatboxing at its best

The BBB DFive is a professional dynamic microphone for multi-vocal art like beatboxing, on stage and in the studio. Its patented dual-layer Varimotion™ diaphragm delivers an extraordinarily powerful sound. The unique laminated material damps high resonance peaks in the frequency response, which, in combination with the tight, supercardioid polar pattern, gives the BBB DFive an outstanding high gain before feedback. An optimized internal windscreen prevents wind noise even in lip-contact use without altering the accurate high-frequency response. Handling noise is effectively eliminated by a dual shock mount.

The BBB DFive has been appointed the official Beatbox Battle® championships microphone for the coming years.



D770

HIGH-PERFORMANCE
DYNAMIC MICROPHONE



RUGGED UNIVERSALIST

for miking backing vocals, instruments and amps

The D770 is a high-performance dynamic microphone for miking instruments and backing vocals in tough night-after-night onstage use. The D770 features a cardioid polar pattern and uses the patented Varimotion diaphragm technology. It offers an extended frequency response that slightly emphasizes the mid and treble ranges to ensure good intelligibility.

The D770 is fitted with a shock-absorbing steel wire-mesh inner grille to protect the transducer from damage. The outer grille and a layer of special fabric beneath it form a very effective windscreen that will suppress pop and breath noise.

- **Official Beatbox Battle® microphone**
the tool of world champions
- **Dual-thickness Varimotion™ diaphragm**
provides crisp and powerful sound in all frequency ranges
- **Highest feedback suppression**
laminated diaphragm material damps critical resonance peaks
- **Dual shock mount of microphone capsule**
effectively eliminates handling noise
- **Optimized internal windscreen**
prevents wind noise even in lip-contact use

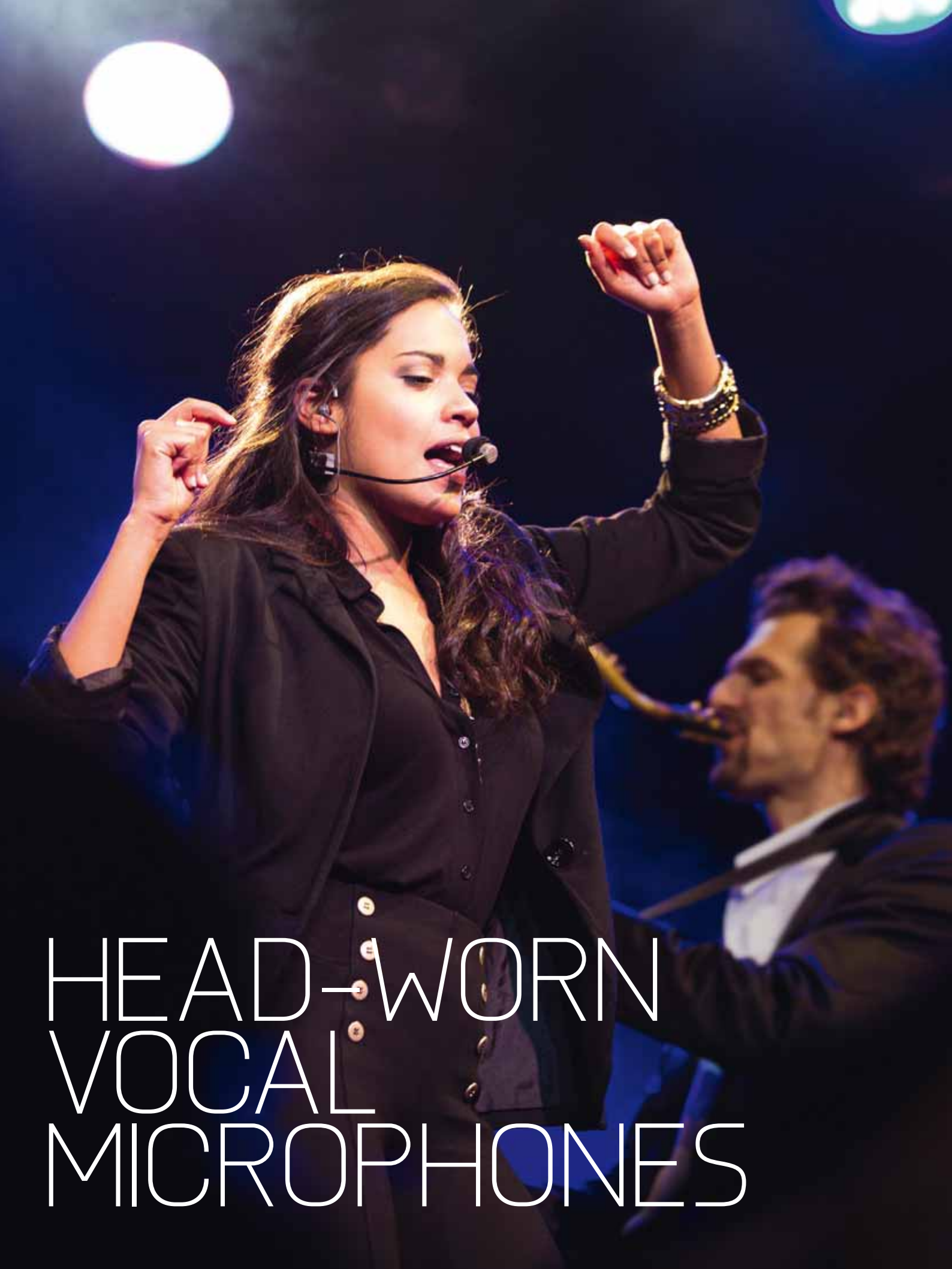
Included accessories: Microphone bag

Item Number: BBB DFive 3138X00330

- **Dual-thickness Varimotion™ diaphragm**
provides crisp and powerful sound in all frequency ranges
- **Highest sound pressure levels up to 156dB**
for extreme situations without any distortion
- **Cardioid polar pattern**
for trouble-free use in narrow-stage environments
- **Optimized frequency response**
for vocal and instrument use
- **Highly efficient internal windscreen**
prevents pop and wind noise

Included accessories: SA44 Stand adapter, Microphone bag

Item Number: D770 2696X00010



HEAD-WORN VOCAL MICROPHONES

MOVING TO THE GROOVE!

A pulsating beat, an energetically rhythmic singer, arms outstretched gesticulating wildly to the music. Even during intensive performances, so small and unobtrusive that they are all but undetectable, AKG head-worn microphones are the unequalled first choice for movement intensive singers, musicians and dancers.

Although the ingenious head-band offers excellent stability even with sudden and jerky movements, the fixed placement of the microphone near the mouth always ensures a static or fixed distance allowing minimal feedback, enhanced signal reliability and a unique stage sound.

In combination with all AKG wireless systems, an ultra-light, humidity-resistant construction means that AKG head-worn microphones not only guarantee first-class sound reproduction and exceptional reliability, but are also perfect for the most energy intense and high perspiratory of performances and shows.



< CM311

The CM311 reference head-worn condenser microphone is designed for touring and live-sound applications. It sounds like the best handheld microphones – full, clear and distortion-free. Many users of CM311 say that their house mix is better because the mic's isolation is nearly complete.



ALEX "EL ANIMAL" GONZÁLEZ, DRUMMER, SINGER AND SONGWRITER FOR MANÁ, MEXICO

I discovered my passion for playing drums when I was five years old. I started playing to the radio with pots from my mom's kitchen and cardboard boxes I'd get from the supermarket. Times have changed since then, I hit the drums harder now and I use only the best equipment. I have used my CM311 mics for 16 years now and they are still going strong ...



C520

PROFESSIONAL HEAD-WORN
CONDENSER MICROPHONE



FREE YOUR VOCALS

for hands-free lead and backing vocals

The C520 professional head-worn condenser microphone with maximum dynamic range for perfect vocal sound. An ideal choice for frontmen, singing keyboardists, drummers, guitarists and dancing performers needing a hands-free microphone. The moisture shield prevents perspiration from penetrating into the transducer element, ensuring a high degree of humidity protection for the microphone.

The C520 provides a transducer shock mount to reduce body noise to a minimum. Its cardioid polar pattern effectively rejects unwanted ambient noise. The microphone arm mounts on either the left or the right side of the headband.

- **Lightweight and adjustable headband construction**
for maximum comfort and freedom of movement
- **Left and right flexible boom mounting**
for precise positioning to the sound source
- **Condenser capsule on flexible shock mount**
for efficient rejection of mechanical, ambient and body noise
- **Moisture shield**
ensuring a dry microphone capsule
- **Available with professional mini XLR connector C520 L**
for all AKG wireless body-pack transmitters or C520 with standard XLR connector

Included accessories: W44 Windscreen

Item Number:

C520	3066X00010	for external phantom powering
C520 L	3066X00020	for use with B29 L, MPA V-L and all AKG body-pack transmitters



CM311

REFERENCE HEAD-WORN
CONDENSER MICROPHONE



BE DIFFERENT

for touring and live-sound applications

The CM311 reference head-worn condenser microphone is designed for touring and live-sound applications. It sounds like the best handheld microphones – full, clear and distortion-free, even with the loudest singers.

Differoid stands for differential cardioid, which cancels ambient noise from floor monitors, crowds and other sources. Controlled field tests show that the Differoid provides up to 12dB more gain before feedback than conventional cardioid microphones. Many users of CM311 say that their house mix is better because the mic's isolation is nearly complete.

The CM311 is available in different versions, e.g. the CM311 L with a three-pin mini XLR connector, which fits all AKG wireless body-pack transmitters.

- **Differoid noise-cancelling technology**
for highest ambient noise rejection
- **Cardioid polar pattern**
for outstanding gain before feedback
- **Condenser capsule with internal shock mount**
for efficient rejection of mechanical and body noise
- **Robust headband construction**
for maximum comfort and freedom of movement
- **Available with professional XLR/mini XLR and W/TA4F connector**
for all wireless pocket transmitters

Item Number:

CM311 MiniXLR	6000H50940	with 3-pin mini XLR connector for use with B29 L, MPA V-L and all AKG body-pack transmitters
CM311 W/TA4F	6000H50950	with 4-pin mini-XLR W/TA4F connector for various body-pack transmitters
CM311 XLR	6000H50930	with XLR connector



HC577 L

REFERENCE HEAD-WORN
MICROPHONE



NO SWEAT

for theater and broadcast applications

The HC577 L is an extremely small reference head-worn microphone, designed for on-stage use. The microphone uses a CK77 omnidirectional transducer that has been an industry standard for lavalier capsules for years and ensures superior audio performance. A patented body design protects the microphone from moisture and perspiration. The capsule uses the signal of two vertical diaphragms mounted back to back, mixed out of phase to cancel out mechanical and cable noise.

The HC577 L provides a professional three-pin mini XLR connector that fits the body-pack transmitters of all AKG wireless microphone systems.

-
- **Adjustable headband and left/right selectable boom**
for maximum comfort and flexibility
 - **Dual-diaphragm transducer**
for suppression of cable noise
 - **Resistant to moisture, perspiration and salts**
withstands sudorific stage performances
 - **Interchangeable capsule module**
for quick and easy service
 - **Omnidirectional polar pattern**
for unchanging sound quality in all directions

Included accessories: W77 MP Windscreen, Dropring,
PB77 Adaptor

Item Number: HC577 L 3141Z00010



C544 L

HIGH-PERFORMANCE SPORTS HEAD-WORN
CONDENSER MICROPHONE



1-2-3-4, RUN, TURN HIP AND JUMP

for aerobics and handsfree speech applications

The C544 L high-performance head-worn miniature condenser microphone with an easily fitting headband is perfect for gymnastics instruction and other handsfree speech applications. A transducer shock mount reduces body noise to a minimum and the short microphone arm places the microphone in the right position to the mouth to minimize pop and breathing noise. A special moisture shield on the boom prevents the microphone from being clogged by sweat or makeup.

The C544 L comes with a three-pin mini XLR connector which fits all AKG WMS Series body-pack transmitters. The package also includes a special windscreen.

- **Fully rugged sports headband**
for secure fit in all situations and movements
- **Cardioid polar pattern**
for problem-free use with high ambient noise rejection
- **Flexible shock mount**
for efficient suppression of mechanical and body noise
- **Moisture shield**
ensuring a dry microphone capsule
- **Includes four drop rings**
for sweat and water protection

Included accessories: W444 Windscreen, Dropring

Item Number: C544 L 2793Z00060



C555 L

HIGH-PERFORMANCE HEAD-WORN
CONDENSER MICROPHONE



FLEXIBLE FLYWEIGHT

for handsfree vocal and speech applications

The C555 L high-performance head-worn condenser microphone is ideal for handsfree applications, including presentations or onstage performances. The C555 L rests securely and comfortably on the head, and can be attached to the left or right side of the behind-the-neck headband as desired. A transducer shock mount reduces handling noise to a minimum. The moisture shield ensures a high degree of humidity protection for the microphone.

The C555 L provides a three-pin mini XLR connector and can be used with all AKG WMS Series body-pack transmitters, B29 L battery power supply, or the MPA VL adapter for external phantom powering.

- **Lightweight and adjustable-headband construction**
for maximum comfort and freedom of movement
- **Left and right flexible boom mounting**
for precise positioning to the sound source
- **Cardioid polar pattern**
for problem-free use with high ambient noise rejection
- **Flexible shock mount**
for efficient suppression of mechanical and body noise
- **Moisture shield**
ensuring a dry microphone capsule

Included accessories: W444 Windscreen

Item Number: C555 L 3066H00100



INSTRUMENT MICROPHONES

MADE FOR THE STAGE!

Life on stage can be uncompromising and difficult, not only for musicians but also for the application and use of instrument microphones. For many years, such AKG microphones have been a permanent feature on the stages of the world, operating inconspicuously and reliably, day after day, week after week. In a sense, visually unremarkable – acoustically amazing.

AKG instrument stage microphones, cabled or wireless, provide targeted pick up of an acoustic source without feedback and interference from crosstalk. Like the AKG MicroMic Series before them, specialist microphones like the D112 have established themselves as the industry standard. In combination with the AKG wireless system, these microphones offer a wide range of different uses for targeted instrument pick up on stage.



< C519

The C519 miniature condenser microphone – part of the well established MicroMic Series – clips gently onto the bell of a trumpet, saxophone or any other wind instrument. It provides a flat frequency response and delivers a natural, powerful and clear sound.



Copyright ScenicJazz by Cary Gillaspie

CANDY DULFER, INTERNATIONAL FUNKY SAX GODESS, THE NETHERLANDS

Most of all I love touring with my band – it makes me really happy. I love my saxophone, and the AKG C519 MicroMic is perfect! With its punchy, funky sound and maximum freedom of movement, it is exactly what I need.



D12 VR

REFERENCE LARGE-DIAPHRAGM
DYNAMIC MICROPHONE



KICK THE HAMMER

for bass drum live and recording applications

The D12 VR is a reference large-diaphragm dynamic microphone with cardioid polar pattern. Designed specifically for kick-drum recording applications, the microphone has a thin diaphragm to enhance the low frequency performance. Its warm sound is realized by the original C414 transformer, especially impressive at high signal levels.

The D12 VR features three active filter presets to match its sound shape with the kick drum's character. When activated, the output level is automatically reduced by 10 dB. The filter settings can be controlled using a switch on the microphone body. Without phantom power, the microphone operates in passive mode and delivers the instruments pure sound.



D40

PROFESSIONAL DYNAMIC
INSTRUMENT MICROPHONE



SOUND IN MOTION

for drums, percussion, wind instruments and guitar amps on stage

The D40 professional instrumental microphone with its solid all-metal body will stand up to the hardships of night-after-night onstage use "with a smile." Its patented Varimotion diaphragm uses a unique laminated material to damp high resonance peaks, leading to a quantum leap in audio performance. The transducer is protected by a sturdy wire-mesh cap and can take extremely high sound pressure levels with ease.

An integrated stand adapter in combination with the included H440 mounting bracket makes the D40 a highly versatile tool for use on drums, percussion, wind instruments and guitar amps.

- **Ultra thin diaphragm**
for accurate reproduction of the instruments sound
- **Optimized bass chamber**
for enhanced low frequency performance
- **Patented switchable active-filter presets**
three sound shapes to match the drums character
- **Original C414 transformers**
deliver a warm sound especially at high signal levels
- **Cardioid polar pattern**
rejects overspill from nearby instruments

Included accessories: Microphone bag

Item Number: D12 VR 3220Z00010

- **Dual-thickness Varimotion diaphragm**
provides crisp, powerful sound in all frequency ranges
- **Highest sound pressure levels up to 156dB**
for extreme situations without any distortion
- **Cardioid polar pattern**
for trouble-free use in narrow stage environments
- **Rugged wire-mesh cap and sturdy die-cast metal body**
withstand tough day-by-day stage use
- **Integrated stand adapter and external bracket**
for easy mounting on drums and mic stands

Included accessories: Microphone bag, H440 Adapter plate

Item Number: D40 2815X00050



D112

PROFESSIONAL DYNAMIC
BASS MICROPHONE



THE FABULOUS EGG

*for bass drum and bass guitar on stage
and in the studio*

The D112 has earned a well-deserved reputation worldwide as the best kick drum microphone ever made. Heavy-footed drummers are thrilled with the D112's ability to handle up to 160dB SPL without any distortion. The diaphragm has a very low resonance frequency to maintain a solid and powerful response below 100Hz. A narrow band presence boost at 4kHz punches through dense mixes with forceful impact – no additional EQ needed!

The D112 is also an excellent choice for use with bass cabinets and trombones.



C430

HIGH-PERFORMANCE MINIATURE
CONDENSER MICROPHONE



SMALL AND BRIGHT

*for cymbals and overhead recording on
stage and in the studio*

The C430 high-performance condenser microphone is specifically designed for cymbal and overhead miking. The frequency response of the C430 ensures a uniquely crisp sound which often reduces the need for external EQs.

With its extremely compact external dimensions, the C430 microphone will keep a low profile in any application without compromising audio quality. With the included SA60 adapter, it mounts securely on all commercial microphone stands.



C411

HIGH-PERFORMANCE MINIATURE
CONDENSER VIBRATION PICKUP



FEEL THE VIBE

*for acoustic guitar and other string
instruments on stage and in the studio*

The C411 is a miniature vibration pickup for acoustic guitar, mandolin, violin and most other string instruments. Its integrated condenser capsule will reproduce the sound of the instrument clearly and without coloration. The C411 ultralight pickup (18g/0.6oz) can be easily attached on or near the bridge with the included nonmarking, solvent-free adhesive pad without changing the balance of the instrument. The C411 is available in two versions. The C411 PP features a MPAV standard XLR connector while the C411 L provides a professional three-pin mini XLR connector that fits the body-pack transmitters of all AKG wireless microphone systems.

- **Large diaphragm dynamic microphone**
delivers accurate ultradeep frequencies
- **Bass resonance volume chamber**
for unique, punchy sound
- **Reference dynamic capsule**
withstands extremely high sound pressure levels up to 160dB SPL
- **Integrated hum compensation coil**
for the cleanest sound
- **Established as an industry-standard kick drum microphone**
on stages worldwide, day by day for over 30 years

Included accessories: SA60 Stand adapter

Item Number: D112 2220X00010

- **Extremely compact dimensions**
low profile for critical, optically demanding situations
- **Cardioid condenser capsule**
for detailed pickup of unique individual timbres
- **Genuine AKG capsule**
for the legendary sound, made in Vienna
- **Phantom or battery powering options**
works with 9-52V phantom power
- **SA60 standadapter included**
for secure mounting on standard mic stands

Included accessories: Microphone bag,
SA60 Stand adapter, W32 Windscreen

Item Number: C430 2795X00010

- **Condenser transducer in sealed enclosure**
for clear and uncolored sound
- **Ultralight vibration pickup**
does not change the balance of the instrument

Included accessories: Microphone bag,
Adhesive compound

Item Number:

C411 L	2571Z00030	for use with B29 L, MPA VL and all AKG body-pack transmitters with standard XLR connector for phantom powering
C411 PP	2571Z00040	



C519

PROFESSIONAL MINIATURE
CLIP-ON CONDENSER
MICROPHONE



HORN SECTION LIBERATION

for brass and woodwind instruments on stage and in studio

The C519 professional miniature condenser microphone clips gently onto the bell of a trumpet, saxophone, trombone, tuba, didgeridoo or any other wind instrument. Its tight cardioid polar pattern makes the C519 an ideal tool for use near monitor wedges, and its flat frequency response delivers a natural, powerful and clear sound.

The MPAV from C519 M features an integrated, switchable bass cut for adjusting the microphone's frequency response. The C519 ML package includes the unique A400 adapter plate for easy mounting onto wireless body-pack transmitters PT40/45/450/470.

- **Cardioid polar pattern**
allows operation close to stage monitors
- **Integrated transducer shock mount**
for efficient rejection of mechanical noise
- **Rubberized mounting clip**
for firm, gentle fit on a wide variety of instruments
- **Rugged, highly stable gooseneck**
for precise placement of the microphone
- **Detachable microphone cable**
easy to install and service

Included accessories: Microphone bag, W44 Windscreen

Item Number:

C519 M	3065X00010	for external phantom powering
C519 ML	3065X00020	for use with B29 L, MPA V-L and all AKG body-pack transmitters



C518

PROFESSIONAL MINIATURE
CLAMP-ON CONDENSER
MICROPHONE



C516 ML

PROFESSIONAL MINIATURE
CONDENSER INSTRUMENT
MICROPHONE



SLAVE TO THE RHYTHM

for drums and percussion on stage and in the studio

The C518 professional miniature clamp-on microphone is the ultimate tool for recording of drums and percussion. Its cardioid polar pattern rejects overspill from nearby instruments. A continuously adjustable vise-type clamp makes it easy to fix the microphone securely on the rim of drums or percussion instruments. A special snap-on stabilizer keeps the gooseneck in a defined position.

The MPAV from C518 M features an integrated, switchable bass cut for adjusting the microphone's frequency response. The C518 ML package includes the unique A400 adapter plate for easy mounting onto wireless body-pack transmitters PT40/45/450/470.

MIGHTY MICROMIC

for miking up accordions, guitars and pianos

The C516 ML professional miniature instrumental microphone, part of the MicroMics family, is designed for use on accordions, pianos, guitar speakers and keyboard/organ cabinets. Using two C516 MLs (one on the bass and one on the treble side) and an optional B29 L battery power supply is the ideal way to mic up an accordion.

The C516 ML comes with a wide variety of mounting materials, such as screws, adhesive pads and adapter plates, for easy installation on the instrument or amp.

- **Cardioid polar pattern**
rejects overspill from nearby instruments
- **Full-metal housing with shock mount**
protects the precious capsule from hard beats
- **Integrated mounting clamp**
for safe fit on a wide variety of instruments
- **Included gooseneck holder**
always keeps the microphone in optimum position
- **Detachable microphone cable**
easy to install and service

Included accessories: Microphone bag, W44 Windscreen, H518 Drum bracket

Item Number:

C518 M	3064X00010	for external phantom powering
C518 ML	3064X00020	for use with B29 L, MPA V-L and all AKG body-pack transmitters

- **Cardioid polar pattern**
for problem-free use with high ambient noise rejection
- **Flexible shock mount**
for efficient suppression of mechanical and body noise
- **Rugged, highly stable gooseneck**
for precise placement of the microphone
- **Detachable microphone cable**
easy to install and service
- **Established as an industry-standard accordion mic**
on stages worldwide, day by day for decades

Included accessories: Microphone bag, W44 Windscreen, Countersunk bolts (3 x 30mm), Self-tapping screws (2.9 x 13mm), Double-sided adhesive rubber plate, A400 Adaptor plate, Adhesive compound, H516 Mount plate

Item Number: C516 ML 3063X00020



DRUM SET BIG II

REFERENCE DRUM MICROPHONE SET

THE BEST FOR THE BEST

for drummers and bands on stage

The Drum Set Big II reference drum microphone set contains everything you need to professionally mike up or record a drum kit. The included microphones represent a “best of” selection containing legendary AKG mics for drummers and other instrument-miking applications:

1 x D112 bass drum microphone

2 x C1000 S for overheads and more

4 x C518 M for toms and snare

The D112 has earned a well-deserved reputation worldwide as the best kick-drum microphone ever made. The versatile C1000 S is ideally suited for all kinds of recording and live-sound applications. The C518 M is the ultimate miniature condenser microphone for drums and percussion.

This complete set comes in a protective aluminum carrying case.

-
- **Best of drum microphone kit**
includes one kick-drum, two overhead and four clip-on microphones
 - **Roadworthy, rugged aluminum carrying case**
for easy transport and storage
 - **Complete with all microphone clamps and stand adapters**
for plug and play

Item number: Drum Set Big II 2581X00120



RHYTHM PACK

PROFESSIONAL DRUM MICROPHONE SET

THE PERFECT PACK

for drummers, percussionists and bands on stage

The Rhythm Pack professional drum microphone set contains everything you need to professionally pick up a complete drum set. More than this, the microphones can be used for miking percussion, bass and guitar amps, brass, woodwind and lots of other instruments. The included microphones represent a selection of valuable tools:

1 x D112 bass drum microphone

2 x C430 for overheads

3 x D40 for toms, snare and more

The D112 has earned a well-deserved reputation worldwide as the best kick drum microphone ever made. The versatility of the D40 will stand up to night-after-night onstage use. The C430 is compact with a uniquely crisp sound. This complete set comes in a protective aluminum carrying case.

- **Complete drum-kit microphone pack**
including four dynamic and two condenser overhead microphones
- **Roadworthy, rugged aluminum carrying case**
for easy transport and storage
- **Complete with all microphone clamps and stand adapters**
for plug and play

Item number: Rhythm Pack 2581X00130



GROOVE PACK

HIGH-PERFORMANCE DRUM MICROPHONE SET

THE UNBEATABLE SIX-PACK

for drummers and bands on stage and in the rehearsal room

The Perception Groove Pack is a high-performance microphone starter kit with a sensational price/performance ratio. It contains everything you need to perfectly capture the sound of a complete drum set. The microphones can also be used for miking percussion, bass and guitar amps, brass, woodwind and lots of other instruments. The P17 overhead mics can be used for a quick stereo recording of your band's rehearsal session. The Groove Pack contains the following six high-performance microphones from the Perception Live series:

1 x P2 bass drum microphone

2 x P17* for overheads

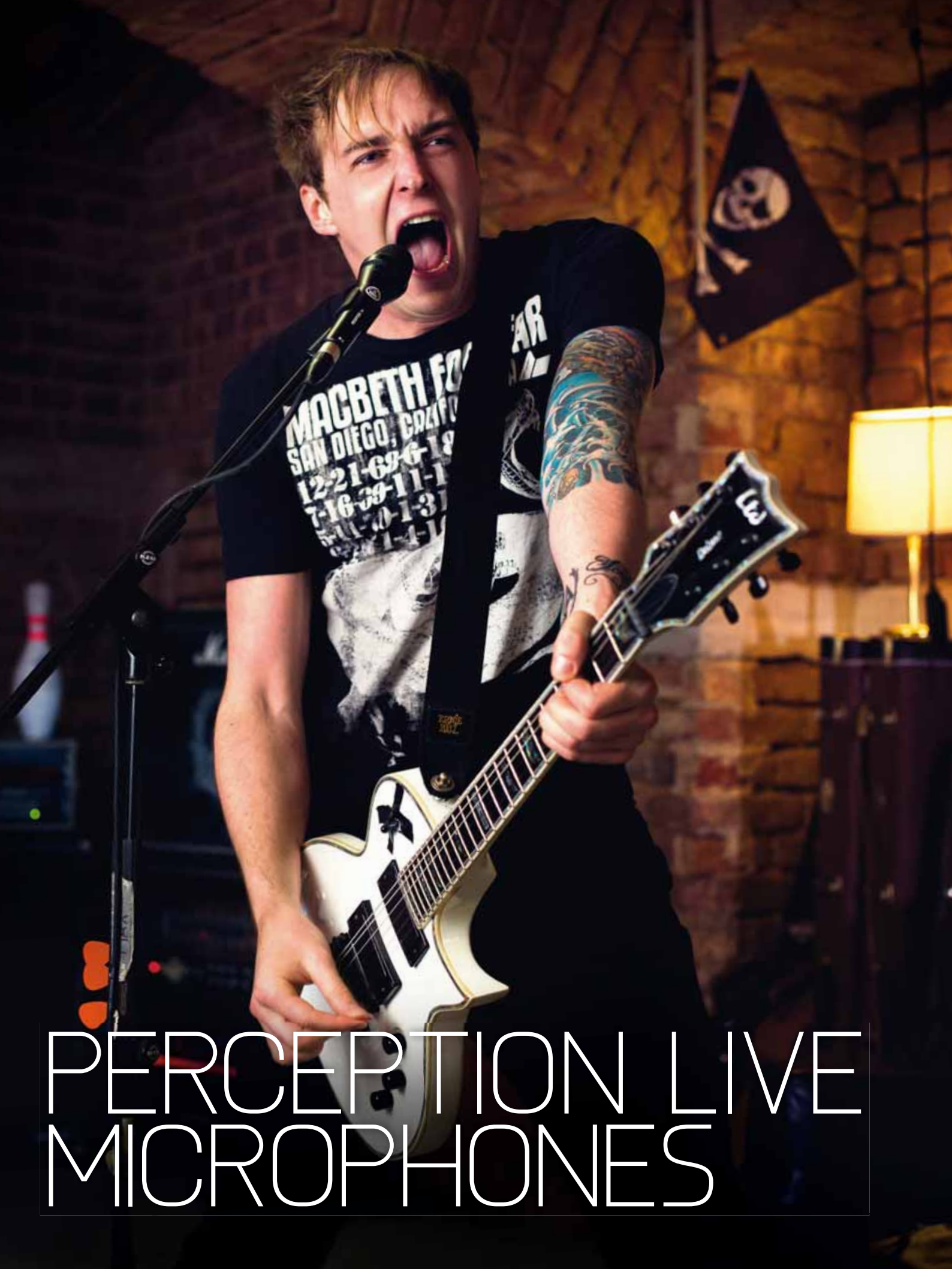
3 x P4 for toms and snare

The complete set comes in a protective aluminum carrying case.

*The P17 is technically identical to the P170 and is not available as a single unit.

- **Complete drum-kit microphone pack**
including four dynamic and two true condenser overhead microphones
- **Roadworthy, rugged aluminum carrying case**
for easy transport and storage
- **Complete with all microphone clamps and stand adapters**
for plug and play

Item number: Groove Pack 3100H00200



PERCEPTION LIVE MICROPHONES

GET ON STAGE!

Big ideas but a small budget? No problem! We are close to the hearts and minds of music idealists who endeavor to turn their dreams into rock and roll reality. For a new generation of musicians, technicians and producers, AKG has developed the Perception Live Series, offering unrivalled price-quality performance and decades of extensive microphone know-how in one new and exciting concept.

In the rehearsal room or on stage, this broad yet perfectly complimentary balanced range of microphones provide a superlative sound, where vocals and instruments can be individually extracted and brought together towards harmonious co-existence. All the world's a stage! But with the Perception Live Series, only better.



< P5

The P5 high-performance dynamic vocal microphone delivers powerful sound for lead vocals. Its supercardioid polar pattern ensures maximum gain before feedback and ambient noise suppression, even on the noisiest stage. The P5 comes in a heavy-duty metal body to withstand tough performances.



CHRISTOF STRAUB, PRODUCER, SONGWRITER AND MASTERMIND OF "TEENAGE ROCKSTAR", AUSTRIA

Promoting great talent is a fulfilling job. To do this, it's important that young musicians get access to high-quality equipment. I'm happy about AKG's support. Their mics sound incredible, and they are valuable tools for any rising star.



P5

HIGH-PERFORMANCE
DYNAMIC VOCAL
MICROPHONE



P4

HIGH-PERFORMANCE
DYNAMIC INSTRUMENT
MICROPHONE



GET THE LEAD

for lead vocals

The Perception P5 high-performance dynamic vocal microphone delivers powerful sound for lead vocals. Its supercardioid polar pattern ensures utmost gain before feedback and ambient noise suppression, even on the noisiest stage.

The Perception P5 comes in a heavy-duty metal body to withstand tough stage performances. An integrated windscreen efficiently eliminates pop and wind noise. The microphone is available with (P5 S) or without (P5) on/off switch. The package includes a stand adapter and a zip bag.

LET'S GET LOUD

for drums, percussion, wind instruments and guitar amps

The Perception P4 high-performance dynamic instrumental microphone delivers intense sound for use on drums, percussion, wind instruments and guitar amps. The cardioid polar pattern makes it very easy to use, as it focuses on sound in front of the microphone while reducing feedback and unwanted noise from behind.

The Perception P4 comes in a solid metal case to withstand tough day-by-day stage use. An integrated stand adapter for snare, tom-tom and the like makes this microphone highly versatile and easy to use. The package also includes a zip bag for safe transport and storage.

- **High feedback suppression with supercardioid polar pattern**
for trouble-free use with on-stage monitoring
- **Integrated windscreen**
for elimination of pops and wind noise
- **24-carat gold-plated XLR connector**
For optimum conductivity and resistance to corrosion
- **Rugged wire-mesh cap and full metal body**
withstand every live performance
- **Complete with stand adapter and zip bag**
for daily use and easy transport

Included accessories: Microphone bag, SA45 Table stand

Item Number:

P5 3100H00110
P5 S 3100H00120 with switch

- **For sound pressure levels up to 157dB**
handles extremely loud instruments without any distortion
- **Built-in hum compensation coil**
rejects EMC noise for the cleanest sound
- **Cardioid polar pattern**
for trouble-free use in narrow-stage environments
- **Flat and sweet frequency response**
for neutral reproduction of your instrument's sound
- **Integrated stand adapter and external bracket**
for easy mounting on drums and mic stands

Included accessories: Microphone bag, H440 Adapter plate

Item Number: P4 3100H00130



P3 S

HIGH-PERFORMANCE
DYNAMIC MICROPHONE



P2

HIGH-PERFORMANCE
DYNAMIC BASS MICROPHONE



RAGE HARD

for backing vocals, guitar and wind instruments

The Perception P3 S is a high-performance dynamic microphone ideal for backing vocals, guitar and wind instruments. Its cardioid polar pattern picks up sound from in front of the microphone while reducing feedback and unwanted noise from behind.

The Perception P3 S provides a sturdy metal case and wire-mesh grille for exceptional ruggedness. The microphone offers a convenient on/off switch for noiseless muting.

GIMME SOME BASS

for kick drum, deep brass and bass amp miking

The Perception P2 high-performance dynamic bass microphone delivers a profound, high-energy low end for use on kick drums, trombones and bass amps. Its cardioid polar pattern reduces feedback and crosstalk coming from other instruments behind the microphone.

The Perception P2 comes in a rugged, all-metal housing to withstand tough on-the-road conditions. An integrated stand adapter makes the microphone very easy to use. The package also includes a carrying case for safe transport and storage.

- **Cardioid polar pattern**
optimum feedback rejection for trouble-free use on small stages
- **Integrated windscreen**
for elimination of pops and wind noise
- **Rugged wire-mesh cap and sturdy die-cast metal body**
withstand tough day-to-day stage use
- **24-carat gold-plated XLR connector**
for optimum conductivity and resistance to corrosion
- **On/off switch**
for noiseless muting

Included accessories: Microphone bag, SA45 Table stand

Item Number: P3 S 3100H00140

- **Powerful sound with profound bass range**
especially tuned for low-pitched instruments
- **High-performance capsule**
withstands extreme sound pressure levels
- **Built-in hum compensation coil**
rejects EMC noise for the cleanest sound
- **Rugged wire-mesh cap and sturdy die-cast metal body**
withstand tough day-to-day stage use
- **Integrated stand adapter**
for easy mounting on mic stands

Included accessories: Microphone bag

Item Number: P2 3100H00150



D88 S

DYNAMIC VOCAL MICROPHONE



TOUGH SHOUTER

for lead vocals on stage

The D88 S is a dynamic handheld microphone for lead vocalists. Its super cardioid polar pattern guarantees optimal gain before feedback and makes the voice cut through the mix more easily. The robust capsule can handle the high sound pressure levels of loud voices without any distortion. Its heavy-duty metal body will take rough handling.

The D88 S offers a convenient on/off switch for noiseless muting. The package contains a rugged stand adapter and a 5m (16ft) microphone cable with professional XLR connectors.

-
- **Supercardioid polar pattern**
for maximum feedback suppression
 - **Handles highest sound pressure levels**
for pickup of extreme loud voices without distortion
 - **Internal shock-mount of microphone capsule**
eliminates any handling noise
 - **All-inclusive package**
contains stand adapter and microphone cable with XLR connectors

Included accessories: SA44 Stand adapter, XLR Cable 5m (16ft)

Item Number: D88 S 3100H00080



D55 S

DYNAMIC PLUG-AND-PLAY
MICROPHONE



D44 S

DYNAMIC KARAOKE
MICROPHONE



MASSIVE METAL MIC

for vocals and speech on stage

The D55 S is a dynamic plug-and-play microphone, ideal for jobs ranging from hi-fi recording and karaoke to live speech or speech recording applications. The cardioid polar pattern makes it very easy to use, as it reduces feedback and unwanted noise from stage monitors. The microphone provides a robust metal case and wire-mesh grille for exceptional ruggedness.

The D55 S is a true all-around microphone with an integrated on/off switch and a fixed 5m (16ft) cable with professional mini jack connector and 1/4" adapter.

YOUR FIRST MICROPHONE

for vocal and speech applications

The D44 S is a dynamic karaoke microphone, ideal for ambitious vocalists as well as for speech applications. The cardioid polar pattern makes it very easy to use as it reduces feedback and unwanted noise from stage monitors.

The D44 S is a true all-around microphone with an impact-resistant plastic body, an on/off switch and a fixed 5m (16ft) cable with standard mini jack connector and 1/4" adapter.

- **Cardioid polar pattern**
for trouble-free use on small stages
- **Sturdy die-cast metal body**
withstands tough, everyday stage use
- **On/off switch**
for noiseless muting
- **Mini jack connector including 1/4" adapter**
connects directly to a mixer, recording device and PC
- **All-inclusive package**
contains stand adapter and 5m (16ft) microphone cable

Included accessories: SA44 Stand adapter,
Jack cable fixed 5m (16ft)

Item Number: D55 S 3100H00040

- **Cardioid polar pattern**
for problem-free use
- **On/off switch**
for noiseless muting
- **Mini jack connector including 1/4" adapter**
a choice of two standard connectors for plug and play
- **All-inclusive package**
contains stand adapter and 5m (16ft) microphone cable

Included accessories: SA44 Stand adapter,
Jack cable fixed 5m (16ft)

Item Number: D44 S 3100H00030



WIRELESS SYSTEMS





MULTICHANNEL WIRELESS SYSTEMS

TOP SOUND ON THE MOVE

Wireless microphone systems are highly sought after by many musicians as they allow them to move freely without the constraints of cables. Multi-channel systems from AKG offer clever user concepts providing optimal support to a technician at every stage (with automatic set up, remote control and intelligent battery monitoring). Set up time is shortened with a guarantee of operational performance which means complicated installations, frequency calculations and the danger of drop-outs are a thing of the past.

AKG is synonymous in the music industry for its equipment and its excellence in audio quality. Guitarists and bassists who were initially critical of wireless technology are amazed by the AKG sound with its distortion free bass and a pristine reproduction even in high frequency ranges. This is true for the "classic" analogue transmission of the WMS4500 and even more so for the ground-breaking, and until now unique, digital wireless transmission of the DMS700 V2.



< DMS700 V2

AKG's DMS700 V2 delivers premium digital audio quality and features quick and easy operation. A bandwidth of up to 155MHz, provides the necessary flexibility needed for worldwide touring even at the most crowded radio environment.



ALEJANDRO SANZ, SONGWRITER, VOCALIST, 15 LATIN GRAMMY® AWARDS, SPAIN

The AKG DMS700 V2 has been my reliable companion at the largest venues for over a year. The beautiful sound of the D5 matches my emotional voice perfectly. With it, I am able to express myself up to the last row.

DMS700 V2

REFERENCE DIGITAL
WIRELESS MICROPHONE SYSTEM

011000010110101101100111

for theater, conference, live-production and tour-sound applications

AKG's revolutionary DMS700 V2, the reference digital wireless microphone system, is designed to deliver premium digital audio quality and quick-and-easy operation. With a bandwidth of up to 155MHz, the transmitters and receiver give the user the necessary flexibility for even the most crowded radio environment.

The state-of-the-art 512-bit audio encryption offers the highest security available for courtroom, boardroom and other confidential meeting environments. An optional network remote control allows frequency

coordination and monitoring of multichannel systems by PC software System Architect™, Apple iPhone/iPad/iPod® or Soundcraft Vi consoles. For easy configuration of large systems, all components are available individually.

All Products share these features:

- **Up to 40 channels for simultaneous use**
high-end antenna system and multichannel accessories available
- **HiQnet network remote control and monitoring**
from PC via Harman System Architect™ software, Apple iPhone/iPad/iPod® or Soundcraft Vi consoles
- **Digital wireless audio transmission**
eliminates any distortion and significant noise level
- **155MHz ultrawide frequency range**
ideal for worldwide touring in frequency-crowded environments
- **512-bit encryption**
state-of-the-art protection for sensitive audio information



DSR700 V2

REFERENCE DIGITAL
WIRELESS STATIONARY RECEIVER

The DSR700 V2 reference two-channel digital wireless receiver offers an ultra-wide bandwidth of up to 155MHz for reliable operation with great flexibility. It comes in a durable, 19" housing and works with all DMS700 V1 and V2 transmitters.

The receiver finds interference-free channels and synchronizes the corresponding setup data to the transmitter via infrared. The environment scan converts the DSR700 V2 into a spectrum analyser. It scans the receiver's entire frequency band for active radio frequencies and displays the spectrum.

- **Two channels in a compact 19" metal casing**
for secure rack-mounting and transportation
- **Graphic spectrum analyzer**
provides a clear overview of radio frequencies
- **User-friendly operation**
fast and intuitive system setup
- **Integrated digital signal processing**
with low-cut filter, three-band equalizer, dbx® compressor and dbx® limiter
- **Analog and digital audio outputs**
2 x balanced XLR, 2 x unbalanced jack connectors and AES/EBU-output with world clock input

Included accessories: 2 x BNC UHF Antennas, IEC Power Chord EU, IEC Power Chord US, Front Mount Cable RF Cable



DHT700 V2

REFERENCE DIGITAL WIRELESS HANDHELD TRANSMITTER

The DHT700 V2 reference digital wireless handheld transmitter comes with a robust and slim metal body and works with the receivers of the DMS700 V2 digital wireless system. The DHT700 V2 is available in three different versions. With AKG's legendary D5, D7 dynamic or C5 condenser microphone heads, it delivers a powerful sound, even on the noisiest stage.

The DHT700 V2 provides an ultra-wide bandwidth of 155MHz and a selectable radio output power of 10, 20, 30 or 50mW. The built-in helix antenna provides reliable wireless audio transmission. The state-of-the-art 512-bit encryption technology keeps the audio signal secure against tapping.

- **Robust metal housing**
rugged and reliable construction
- **Helix antenna**
optimized signal strength with switchable RF power
- **D5, D7 or C5 microphones available in different styles**
for demanding vocals
- **Two-hour quick-charging**
of standard rechargeable NiMH batteries by integrated charging contacts
- **Quick and easy setup**
via infrared data communication

Included accessories: Stand adapter, 2 x AA Batteries, W3004 Windscreen



DPT700 V2

REFERENCE DIGITAL WIRELESS BODY-PACK TRANSMITTER

The DPT700 V2 reference digital wireless body-pack transmitter provides an ultra-wide bandwidth of 155MHz and a selectable radio output power of 10, 20, 30 or 50mW. It can be programmed remotely via infrared data transmission from the DSR700 V2 receiver. The state-of-the-art 512-bit encryption technology keeps the audio signal secure against tapping.

The DPT700 V2 provides an optional external mute switch, allowing muting of the audio even when the transmitter is hard to reach. The three-pin mini XLR audio input is compatible with any Lavalier and head-worn microphones and provides a bias voltage of 5V.

- **Switchable radio output power**
for best signal quality in multichannel applications
- **Professional three-pin mini XLR connector**
compatible with headset, Lavalier and instrument microphones
- **Two-hour quick-charging**
of standard rechargeable NiMH batteries via integrated charging contacts
- **Quick and easy setup**
via infrared data communication from the receiver
- **Remote microphone mute**
through external mute switch connector

Included accessories: 2 x AA Batteries, BC400 Belt clip, BC700 Belt clip

WMS4500

REFERENCE WIRELESS MICROPHONE SYSTEM

STRESS FREE

*for large theatre, installed sound
and tour sound applications*

The WMS4500 analog reference wireless microphone system provides highest channel quantity, maximum reliability and easy setup. Combining several frequency bands allows to operate up to 70 channels simultaneously providing an enormous headroom of security for channel management. In combination with the outstanding audio quality WMS4500 gained worldwide recognition as a reliable workhorse in huge installations and on tour.

An optional network remote control allows frequency coordination and monitoring of multi-channel systems via PC software System Architect™, Apple

iPhone/iPad/iPod® or via Soundcraft Vi consoles. For easy configuration of customized systems, all system components are available individually.

All Products share these features:

- **Auto Setup, Environment Scan, and Rehearsal functions**
for quick and easy setup
- **HiQnet network remote control and monitoring**
from PC via Harman System Architect™ software, Apple iPhone/iPad/iPod® or Soundcraft Vi consoles
- **Up to 70 simultaneous channels**
for safe channel management in huge productions
- **Supreme audio quality**
for highly demanding vocals, guitar and e-bass
- **Pilot Tone transmission**
for transmitter battery status monitoring and tone code squelch

SR4500

REFERENCE WIRELESS STATIONARY RECEIVER

The SR4500 analog true diversity reference wireless receiver provides maximum ease of use with an automatic setup function and scan of the radio frequency environment. The rehearsal mode supports the engineer during soundchecks with information on the systems signal quality. The programmable status monitor shows all relevant system information on an illuminated multicolor LED ring. Its precise battery life readout in hours is a valuable advantage in wireless applications.

A wide range of professional antenna splitters, power supplies and high-quality remote antennas is available to set up a reliable wireless system, even in a large area.



- **Rugged half-rack metal housing**
for flexible, space-efficient system configurations
- **Environment scan and rehearsal functions**
for secure operation even in crowded radio frequency environments
- **Backlit display and programmable multicolor status ring**
for clear, selectable warning signals
- **Logic input and output**
connectivity for external systems, such as AMX, Crestron, DMM
- **External antenna connectors**
connect splitters, remote antennas and long cable runs to a large multichannel system

Included accessories: RMU4000 Rack Mount Unit,
2 x BNC UHF Antennas



HT4500

REFERENCE WIRELESS HANDHELD TRANSMITTER

The HT4500 is an analog reference wireless handheld transmitter that connects to a choice of four different microphones to cover a wide range of applications. The unique dipole-antenna design ensures reliable transmission even when one pole of the antenna is covered completely by the user's hand. The pilot tone continuously sends transmitter data, including mute switch position and remaining battery life to the receiver.

The HT4500 offers an extended battery lifetime of 15 hours with two standard AA alkaline batteries. With integrated charging contacts, the optional BP4000 battery pack can be charged inside the transmitter. The readout of its exact battery life in hours is a valuable advantage in wireless applications.

- **Interchangeable microphone heads**
a variety of premium dynamic and condenser vocal microphones available
- **Leading-edge dipole-antenna technology**
optimum performance even when the antenna is covered
- **Up to 50mW transmission power**
maximum radio signal strength for long-distance applications
- **15 hours of battery life**
with two standard AA alkaline batteries
- **Remaining battery lifetime in hours**
real-time display of the remaining operating time

Included accessories: 2 x AA Batteries, Stand adapter



PT4500

REFERENCE WIRELESS BODY-PACK TRANSMITTER

The PT4500 is an analog reference wireless body-pack transmitter with supreme wireless audio quality for instrumental and vocal use. The pilot tone prevents unexpected system startup noise, continuously sending transmitter data, including mute switch position and remaining battery life, to the receiver. An optional RMS4000 external mute switch allows the user to mute the transmitter remotely.

WMS4500 transmitters offer an unmatched battery life of 15 hours with two standard AA-size alkaline batteries. With the integrated charging contacts, the optional BP4000 battery-pack can be charged inside the transmitter.

- **Supreme audio quality**
best with guitar, electric bass and highly demanding vocals
- **Up to 50mW transmission power**
maximum radio signal strength for long-distance applications
- **15 hour battery life**
with two standard AA-size alkaline batteries
- **Remaining battery life in hours**
real-time display of operating time left
- **Integrated charging contacts**
for quick charging of BP4000 battery-packs inside the transmitter

Included accessories: 2 x AA Batteries, BC4000 Belt clip



C535 WL1

REFERENCE CONDENSER MICROPHONE HEAD



THE WIRELESS VOICE

for high demanding lead vocals

The C535 WL1 reference handheld condenser vocal microphone head is a classic legendary microphone that we did “our way”. It provides the ultimate combination of excellent, highly detailed audio and exceptional ruggedness.

The C353 WL1 microphone head brings this classic sound to the wireless world. It is designed to fit the HT4500 handheld transmitter.



C5 WL1

PROFESSIONAL CONDENSER MICROPHONE HEAD



GOLD PLATED WIRELESS SOUND

for lead and backing vocals

With the C5 WL1 professional condenser vocal microphone head your voice will cut through the loudest mix – on any stage. Its cardioid polar pattern ensures maximum gain before feedback and has been optimized for use with in-ear monitor systems.

The C5 WL1 microphone head provides a gold plated transducer case to protect the capsule from corrosion and humidity. It is designed to fit the HT4500 handheld transmitter.

- **One of the most legendary vocal stage microphones**
valuated by iconic artists for more than four decades
- **Delicate gold plated condenser capsule**
for detailed pickup of unique individual timbres
- **Self-cleaning contacts**
ensure reliable operation and long life

Item Number: C535 WL1 2782Z00150

- **Delicate cardioid condenser capsule**
for detailed pickup of unique individual timbres
- **24-carat gold plated transducer case**
for maximum resistance to corrosion and humidity
- **Self-cleaning contacts**
ensure reliable operation and long life

Item Number: C5 WL1 3082X00020



D7 WL1

REFERENCE DYNAMIC MICROPHONE HEAD



WIRELESS POWERSOUND

for loud and demanding lead vocals

The D7 WL1 reference dynamic vocal microphone head creates the subtle and opened sound of a condenser capsule with the powerful resonance of a dynamic microphone. The patented dual layer Varimotion™ diaphragms can vibrate unhindered which results in an extraordinary crisp and clean sound. The unique laminated material damps high resonance peaks in the frequency response. In combination with the tight, supercardioid polar pattern enables the D7's outstanding high gain before feedback.

The D7 WL1 features a precision metal dust filter that provides a consistent protection for the diaphragm, ensuring an extra long life. It is designed to fit the HT4500 handheld transmitter.

- **Dual thickness Varimotion™ diaphragm**
provides a subtle and opened sound in all frequency ranges
- **Highest feedback suppression**
laminated diaphragm material damps critical resonance peaks
- **Integrated hum compensation coil**
for utmost clean sound
- **Precision metal dust filter**
protects the capsule from sound changing pollution
- **Self-cleaning contacts**
ensure reliable operation and long life

Item Number: D7 WL1 3082X00030



D5 WL1

PROFESSIONAL DYNAMIC MICROPHONE HEAD



WIRELESS CUTS

for lead and backing vocals

The D5 WL1 premium dynamic vocal microphone head for lead and backing vocals delivers a powerful sound even on the noisiest stage. Its frequency independent supercardioid polar pattern ensures maximum gain before feedback.

The D5 WL1 stands for a crisp sound that cuts through every mix. It is designed to fit the HT 4500 handheld transmitter.

- **Patented Laminated Varimotion™ Diaphragm**
for crisp sound that cuts through every mix
- **High feedback suppression with supercardioid polar pattern**
for trouble-free use with on stage monitoring
- **Integrated pop filter**
for elimination of pops and wind-noise
- **Self-cleaning contacts**
ensure reliable operation and long life

Item Number: D5 WL1 3082X00010

WMS4500 SETS

WMS4500

D7 SET

WMS4500 is a reference multichannel wireless microphone system providing the highest channel quantity, maximum reliability and easy setup. The Vocal Set D7 includes a HT4500 handheld transmitter featuring a D7 reference dynamic vocal microphone which combines the subtle and open sound of a condenser capsule with the powerful resonance of a dynamic microphone.



WMS4500, D7 Set package includes:

- 1 x SR4500 True-diversity receiver
- 1 x HT4500 Handheld transmitter
- 1 x D7 WL1 Reference dynamic microphone head
- 1 x Stand adapter, 2 x AA size batteries, 2 x Antennas, 1 x Rack mounting kit, 1 x Power supply

WMS4500

INSTRUMENTAL SET

WMS4500 is a reference multichannel wireless microphone system providing the highest channel quantity, maximum reliability and easy setup. The Instrumental Set includes a PT4500 body-pack transmitter with supreme wireless audio quality in a rugged metal housing. The package contains a professional instrument cable to safely connect the transmitter with electric guitar, electric bass, keyboard and other electronic instruments.



The WMS4500 Instrumental Set package includes:

- 1 x SR4500 True-diversity receiver
- 1 x PT4500 Body-pack transmitter
- 1 x MKG L Instrument cable
- 1 x Stand adapter, 2 x AA size batteries, 2 x Antennas, 1 x Rack mounting kit, 1 x Power supply

WMS4500

CK77 SET

WMS4500 is a reference multichannel wireless microphone system providing highest channel quantity, maximum reliability and easy setup. The CK77 Set includes a rugged PT4500 body-pack transmitter and a moisture resistant, miniature Lavalier microphone. The CK77 WR-L's ruggedness and superior sound quality make it an excellent tool for theatre and broadcast applications.



WMS4500 CK77 Set package includes:

- 1 x SR4500 True-diversity receiver
- 1 x PT4500 Body-pack transmitter
- 1 x CK77 Professional miniature Lavalier microphone
- 1 x Stand adapter, 2 x AA size batteries, 2 x Antennas, 1 x Rack mounting kit, 1 x Power supply

WMS4500

HC577 SET

WMS4500 is a reference multichannel wireless microphone system providing the highest channel quantity, maximum reliability and easy setup. The HC577 Set includes a rugged PT4500 body-pack transmitter with supreme audio quality. The package includes a HC577 premium skin colour head-worn microphone for on-stage use. It's patented body design protects the microphone from moisture and perspiration and the unique dual diaphragm capsule cancels out mechanical and cable noise.



WMS4500 HC577 Set package includes:

- 1 x SR4500 True-diversity receiver
- 1 x PT4500 Body-pack transmitter
- 1 x HC577 Reference miniature head-worn microphone
- 1 x Stand adapter, 2 x AA size batteries, 2 x Antennas, 1 x Rack mounting kit, 1 x Power supply

WMS4500

CM311 SET (AVAILABLE IN USA ONLY)

WMS4500 is a reference multichannel wireless microphone system providing the highest channel quantity, maximum reliability and easy setup. The CM311 Set includes a PT4500 body-pack transmitter with supreme wireless audio quality in a rugged metal housing. The enclosed CM311 reference head-worn microphone is designed for touring and live sound applications. It provides the best sound for handheld microphones - full, clear, and distortion-free, even with the loudest singers.



WMS4500 CM311 Set package includes:

- 1 x SR4500 True-diversity receiver
- 1 x PT4500 Body-pack transmitter
- 1 x CM311 Reference head-worn microphone
- 1 x Stand adapter, 2 x AA size batteries, 2 x Antennas, 1 x Rack mounting kit, 1 x Power supply

PR4500 ENG

REFERENCE WIRELESS ENG/EFP SYSTEM

HEAVY-DUTY MOBILITY

for ENG/EFP, event video and videography applications

The WMS4500 reference wireless microphone system provides the highest channel quantity, maximum reliability and easy setup. The outstanding audio quality WMS4500 gained worldwide recognition as a reliable workhorse in broadcast, huge installations and on tour.

The PR4500 ENG system comprises the PR4500 ENG camera receiver as well as compatible WMS4500 transmitters and microphones, allowing for the setup of a compact, rugged wireless system for use with any camcorder, DSLR camera or other A/V equipment. It ensures unparalleled ease of use,

exceptional transmission stability and long transmitter and receiver battery life for all ENG, EFP and live reporting situations.

All Products share these features:

- **Two-antenna diversity**
for highest reliability even in a crowded RF environment
- **Heavy-duty metal housing**
meets the tough requirements in field productions
- **Up to 12 hrs of operation time**
security for long ENG and live reporting situations
- **Headphone output**
for signal monitoring
- **Superior radio and audio performance**
for highly demanding applications



PR4500 ENG

REFERENCE WIRELESS CAMERA RECEIVER

for ENG and broadcast studio applications

The PR4500 ENG is a reference wireless diversity camera receiver, providing maximum ease of use with an automatic setup function and scan of the radio frequency environment.

The outstanding audio quality with a very high signal to noise performance avoids any disturbing ground noise whilst recording. A separate headphone output provides a direct monitoring possibility and the three step LED audio meter shows signal quality.

All relevant system information is shown on a prominent illuminated display. Its precise battery life readout is a valuable advantage during demanding field work.

- **Auto setup and environment scan**
for quick and easy setup
- **Up to 18 simultaneous channels**
for safe channel management in huge productions



PR4500 ENG

SET/HT

WMS4500 is a reference multichannel wireless system providing the highest channel quantity, maximum reliability and easy setup. The PR4500 ENG Set/HT includes a PR4500 ENG portable wireless camera receiver and a HT4500 handheld transmitter with an interchangeable D5-WL1 dynamic microphone head. In addition the package contains a hot-shoe adapter and two different connecting cables for the receiver so you can use this complete wireless microphone system for a wide range of applications.

PR4500 ENG Set/HT package includes:

- 1 x PR4500 ENG Camara diversity receiver
- 1 x HT4500 Handheld transmitter
- 1 x D5 WL1 Professional dynamic microphone head
- 1 x Hot shoe mounting adapter, 1 x XLR connection cable, 1 x Mini jack connection cable, 1 x BC4500 Belt clip, 4 x AA size batteries

PR4500 ENG

SET/PT



WMS4500 is a reference multichannel wireless system providing the highest channel quantity, maximum reliability and easy setup. The PR4500 ENG Set/PT includes a PR4500 ENG portable wireless camera receiver; a PT4500 body-pack transmitter with belt clip; and a CK99L condenser Lavalier microphone. In addition the package contains a hot-shoe adapter and two different connecting cables for the receiver so you can use this complete wireless microphone system for a wide range of applications.

PR4500 ENG Set/PT package includes:

- 1 x PR4500 ENG Camara diversity receiver
- 1 x PT4500 Body-pack transmitter
- 1 x CK99 L Condenser Lavalier microphone
- 1 x Hot shoe mounting adapter, 1 x XLR connection cable, 1 x Mini jack connection cable, 2 x BC4500 Belt clip, 4 x AA size batteries

WMS470

PROFESSIONAL WIRELESS MICROPHONE SYSTEM

FLEXIBLE AND EXPANDABLE

for conference, medium theater and houses of worship applications

WMS470 professional analog wireless microphone system is the best choice for a cost-efficient, high-performance multichannel system. Up to 16 channels can be used simultaneously within the same frequency band. The pilot tone prevents the user from unexpected startup noise and it continuously sends transmitter data including low battery information to the receiver.

A revolutionary power management allow up to 14 hours of operation with one AA-size lithium battery. If a NiMH rechargeable battery is used, it can be

charged while remaining within the transmitter using the optional CU400.

All Products share these features:

- **Compatible with WMS4000 accessories**
for multichannel systems in critical environments
- **14 hours operation with one single battery**
Lowest operating costs using AA-size lithium dry battery
- **Pilot Tone transmission**
for transmitter battery status monitoring and tone code squelch
- **Up to 48 simultaneous channels**
when combining several frequency bands
- **Enhanced automatic setup with channel preview**
for quick and easy system setup

SR470

PROFESSIONAL WIRELESS STATIONARY RECEIVER

SR470 analog space diversity professional wireless receiver comes in a rugged half-rack metal housing. The enhanced Auto Setup, Environment Scan and Rehearsal mode allows a very quick and easy system setup. The programmable backlight changes color to warn the user of critical operating conditions e.g. transmitter low battery information, audio peaks, or low radio signal strength.

A wide range of professional antenna splitters, power supplies, and high quality remote antennas are available to handle complex antenna systems and up to 48 simultaneous wireless channels, even with large covering area.



- **Enhanced automatic setup with channel preview**
for quick and easy system setup
- **Pre-coordinated TV channel frequency presets**
maximum channel density for multichannel systems
- **Environment scan and rehearsal functions**
for secure operation even in crowded radio frequency environments
- **Programmable multicolor backlight display**
clear visual information of selectable warning signals
- **External antenna connectors**
connect splitters, remote antennas and long cable runs to multi channel systems

Included accessories: RMU4000 Rack Mount Unit,
2 x BNC UHF Antennas, PSU12V Lockable 500mA EU/US/
UK Power supply



HT470

PROFESSIONAL WIRELESS HANDHELD TRANSMITTER

The rugged HT470 is an analog professional wireless handheld transmitter with pilot tone transmission to prevent unexpected startup noise. It continuously sends transmitter data, including low-battery information, to the receiver. An infrared data link in conjunction with the automatic frequency setup makes the HT470 extremely simple to use. The unique dipole-antenna design ensures reliable transmission even when one pole of the antenna is covered completely by the user's hand.

An enhanced battery identification automatically detects the used battery type and allows up to 14 hours of operation on one AA-size battery. The display shows the remaining operating time in hours.

- **Pilot Tone transmission**
for transmitter battery status monitoring and tone code squelch
- **Leading edge dipole-antenna design**
optimum performance even when the antenna is covered
- **Infrared synchronization**
for instant transmitter setup
- **Up to 50mW transmission power**
maximum radio signal strength for long-distance applications
- **Integrated charging contacts**
quick charging of a standard NiMH battery inside the transmitter

Included accessories: 1 x AA Battery, Stand adapter

PT470

PROFESSIONAL WIRELESS BODY-PACK TRANSMITTER

The PT470 is an analog professional wireless body-pack transmitter in a small, rugged housing. A pilot tone transmission prevents unexpected startup noise, continuously sending transmitter data, including low battery information, to the receiver. An enhanced battery management allows up to 14 hours of operation on a single AA-size battery. With the integrated charging contacts, a standard NiMH rechargeable battery can be charged inside the transmitter.

An optional RMS4000 external mute switch allows the user to mute the transmitter remotely. Its professional mini XLR audio connector makes the body pack compatible with a broad range of lavalieres and headsets.



- **Pilot tone transmission**
for transmitter battery status monitoring and tone code squelch
- **Compact, rugged body-pack design**
for maximum wearing comfort
- **External mute switch connector**
for remote muting of the microphone
- **Integrated charging contacts**
for charging of a standard NiMH battery inside the transmitter
- **Infrared synchronization**
for instant transmitter setup

Included accessories: 1 x AA Battery, BC400 Belt clip

WMS470 SETS



WMS470

VOCAL SET D5

WMS470 is a professional multichannel wireless microphone system with pilot tone transmission to prevent unwanted noise. The Vocal Set D5 includes a HT470 handheld transmitter featuring a dynamic D5 capsule for well-balanced, powerful sound. The space diversity receiver offers both a microphone level and a line level output.

The WMS470, Vocal Set D5 package includes:

- **1 x SR470 Receiver**
- **1 x HT470 Handheld transmitter with D5 capsule**
- 1 x Stand adapter, 1 x Rack mount kit, 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery, 2 x Antennas



WMS470

VOCAL SET C5

WMS470 is a professional multichannel wireless microphone system with Pilot tone transmission to prevent unwanted noise. The Vocal Set C5 includes a HT470 handheld transmitter featuring a C5 condenser microphone capsule for clear and detailed voice reproduction. The space diversity receiver offers both a microphone level and a line level output.

The WMS470, Vocal Set C5 package includes:

- **1 x SR470 Receiver**
- **1 x HT470 Handheld transmitter with C5 capsule**
- 1 x Stand adapter, 1 x Rack mount kit, 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery, 2 x Antennas



WMS470

INSTRUMENTAL SET



WMS470 is a professional multichannel wireless microphone system with pilot tone transmission to prevent unwanted noise. The Instrumental Set includes a PT470 body-pack transmitter in a compact and rugged housing providing supreme audio quality for demanding guitars and e-basses. The space diversity receiver offers both a microphone level and a line level output.

The WMS470, Instrumental Set package includes:

- 1 x SR470 Receiver
- 1 x PT470 Body-pack transmitter
- 1 x MKG L Instrument cable
- 1 x Rack mount kit, 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery, 2 x Antennas, 1 x Belt clip

WMS470

SPORTS SET



WMS470 is a professional multichannel wireless microphone system with pilot tone transmission to prevent unwanted noise. The Sport Set includes a PT470 body-pack transmitter in a compact and rugged housing. The package also enclose a C544 L condenser head-worn microphone featuring a cardioid polar pattern and an external shock mount for high mechanical-noise rejection. Its moisture shield ensures a high degree of humidity protection for the microphone.

The WMS470, Sports Set package includes:

- 1 x SR470 Receiver
- 1 x PT470 Body-pack transmitter
- 1 x C544 L Head-worn microphone
- 1 x Rack mount kit, 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery, 2 x Antennas, 1 x Belt clip

WMS470

PRESENTER SET



WMS470 Presenter Set is a professional multichannel wireless microphone system. The enclosed CK99 L cardioid condenser lavalier microphone provides a cardioid polar pattern and a natural sound, with a slight rise above 10kHz for added clarity. The package also includes a C555 condenser head-worn microphone featuring a cardioid polar pattern and high intelligibility, even at high ambient noise levels. Its moisture shield ensures a high degree of humidity protection for the microphone.

The WMS470, Presenter Set package includes:

- 1 x SR470 Receiver
- 1 x PT470 Body-pack transmitter
- 1 x C555 L Head-worn microphone
- 1 x CK99 L Lavalier microphone
- 1 x Rack mount kit, 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery, 2 x Antennas, 1 x Belt clip

IVM4500 IEM

REFERENCE WIRELESS
IN-EAR-MONITORING SYSTEM

NO COMPROMISE

for live applications and professional installations

IVM4500 IEM is the only wireless in-ear monitoring system featuring an binaural room simulations that provides musicians, vocalists and presenters with a uniquely natural listening experience.

Its high-end radio electronic radio circuitry includes a manual radio signal attenuator for more robust radio reception in crowded environments. An enhanced frequency setup shows the number of free channels. Integrated preset groups support TV channels and allows the operation of up to 14 channels simultaneously within the same frequency band. A quick frequency swap function supports monitor engineers

to listen to the audio signals of different channels. An optional network remote control allows frequency coordination and monitoring of multi-channel systems via PC software System Architect™, Apple iPhone/iPad/iPod® or via Soundcraft Vi consoles.

All Products share these features:

- **Diversity Receiver**
two matched antennas ensures reliable transmission
- **Sophisticated, narrow RF filter design**
for best radio signal performance
- **HiQnet network remote control and monitoring**
from PC via Harman software System Architect™, Apple iPhone/iPad/iPod® or Soundcraft Vi consoles
- **Patented DSP filter technology**
for reference sound quality
- **Quick frequency swap function**
to support monitor engineers

SST4500 IEM

REFERENCE WIRELESS IN-EAR
MONITORING STEREO TRANSMITTER

SST4500 IEM is a reference wireless in-ear monitoring stereo transmitter for live applications and professional installations. An integrated dbx compressor, different EQ settings, and the unique binaural room simulation algorithms provide outstanding audio performance. Its frequency preset banks support TV-channels and ensure easy and reliable frequency coordination. The radio output power can be set to 10, 20, 50 and 100mW (country-dependent). Optimized radio output power is important when the in-ear monitor system is used together with a wireless microphone system.

The optional network remote control allows frequency coordination and monitoring via PC software System Architect™, iPhone/iPad/iPod or via Soundcraft Vi consoles. A complete line of accessories allows you to set up an absolutely reliable system with a large covering area.



- **Patented digital MPX Stereo signal creation**
for premium S/N ratio and ultra linear frequency response
- **Rugged half 19" all-metal case transmitter**
for flexible, space-efficient system configurations
- **Up to 14 pre-programmed frequencies per group**
for quick selection of clean transmission frequencies
- **Integrated digital signal processing**
with low-cut filter, 3-band equalizer, dbx® compressor and dbx® limiter
- **Unique IVA binaural room simulation**
for a natural listening experience

Included accessories: RMU4000 Rack Mount Unit, PSU12V Lockable 500mA EU/US/UK Power supply, BNC UHF Antenna

SPR4500 IEM

REFERENCE WIRELESS IN-EAR-MONITORING RECEIVER



SPR4500 IEM is a reference wireless diversity in-ear-monitoring receiver for live applications and professional installations. Its provides antenna diversity, with two matched antennas, reference radio electronics design and a manual radio signal attenuator for more robust radio reception in crowded environments.

SPR4500 IEM features an automatic set-up function for finding clean frequencies. The receiver provides a backlit display indicating signal strength and battery status. A central positioned on/off/volume control can be operated intuitively. With the "Individual mix"-function a personalized monitor mix can be set up easily.

Integrated charging contacts allow the optional BP4000 battery pack to remain inside the receiver while being charged on the CU4000 charger (optional).

- **Reliable transmission**
two matched antennas and a new reference radio electronic design
- **Best radio signal performance**
with manual RF gain control
- **Enhanced automatic setup**
shows number of free channels and quickly finds a rugged frequency set
- **Reference audio quality**
powerful headphone amplifier with ultra linear frequency response
- **Individual mix**
stereo, mono and dual modes

Included accessories: BC4000 Belt clip Belt clip, 2 x AA Batteries

IP2

HIGH-PERFORMANCE IN-EAR HEADPHONES



TINY PHONES, HUGE SOUND

for in-ear monitoring

The IP2 high-performance in-ear headphones provide wide-range sound and excellent isolation to suppress high ambient noise levels, on loud stages, for example. This makes the IP2 an ideal tool for in-ear monitoring applications. Thanks to the dynamic driver, it delivers a perfectly contoured bass even at very low frequencies.

An integrated sliding cable tie and the soft-rubber sleeves enable the IP2 to adapt to every ear. The IP2 earphones are also included in the AKG professional in-ear monitoring system, the IVM4500.

- **In-ear, closed-back design**
for isolation of stage noise
- **High-performance dynamic driver**
ensures high dynamic range, even at very low frequencies
- **Individual fit with three different sleeves (S, M, L)**
protective carrying case and bag included



SRA2 W

PASSIVE DIRECTIONAL
WIDE-BAND UHF ANTENNA

UNIVERSAL DIRECTIVITY

For indoor or outdoor use with short cable lengths

The SRA2 W is a passive directional wide-band UHF antenna that can be used as a transmitting or receiving antenna for wireless microphones and in-ear monitoring systems. It operates in a frequency range from 500MHz to 865MHz and provides a covering angle of 70° and an antenna gain of 6dB. The SRA2 W is built in a passive technology and requires no powering. It works for short cable lengths up to 10m and supports a professional BNC connector.

The antenna has waterproof construction and can be used for indoor and outdoor applications. With the included universal thread adapter, it can be mounted on floor stands with 3/8" or 5/8" screws.



SRA2 B/W

ACTIVE DIRECTIONAL
WIDE-BAND UHF ANTENNA

CLOSER TO THE HOT SPOT

for indoor or outdoor use with long cable lengths

The SRA2 B/W is an active directional wide-band UHF receiving antenna for use with wireless microphone systems. It operates in a frequency range from 500MHz to 865MHz, provides a covering angle of 70° and has a built-in amplifier. With a total gain of 22dB, it compensates for long cable runs. In combination with dedicated antenna components, it works for cable lengths up to 300m and can be remotely powered through the antenna cable.

The antenna has waterproof construction and can be used for indoor and outdoor applications. With the included universal thread adapter, it can be mounted on floor stands with 3/8" or 5/8" screws.

- **Works as transmitting and receiving antenna**
a partner for wireless microphones and in-ear monitoring
- **Operates in an ultra-wide frequency range**
from 500MHz to 865MHz for universal use
- **70° covering angle**
to reduce unwanted radio signals
- **6dB antenna gain**
for long-distance applications
- **Water-resistant construction**
to withstand extreme weather conditions

Item Number: SRA2 W 3009Z00150

- **Integrated high-performance antenna booster**
22dB total gain for cable lengths up to 300m (1000 ft)
- **Remote powering via the antenna cable**
eliminates any extra installation effort
- **Operates in an ultra-wide frequency range**
from 500MHz to 865MHz for universal use
- **70° covering angle**
to reduce unwanted radio signals
- **Water-resistant construction**
to withstand extreme weather conditions

Item Number: SRA2 B/W 3009Z00160



RA4000 W

PASSIVE OMNIDIRECTIONAL
WIDE-BAND UHF ANTENNA

THE ALL-AROUNDER

for indoor or outdoor use with short cable lengths

The RA4000 W is a passive omnidirectional wide-band UHF antenna that can be used as a transmitting or receiving antenna for wireless microphones and in-ear monitoring systems. It operates in a frequency range from 500MHz to 865MHz, providing a covering angle of 360° and an antenna gain of 1dB. The RA4000 W is built with passive technology and requires no powering. It works for short cable lengths up to 10m and supports a professional BNC connector.

The antenna has waterproof construction and can be used for indoor and outdoor applications. Using the included universal stand adapter, the RA4000 W can be mounted on floor stands with 3/8" or 5/8" screws.

- **Works as a transmitting or receiving antenna**
a partner for wireless microphones and in-ear monitoring
- **Operates in an ultrawide frequency range**
from 500MHz to 865MHz for universal use
- **Water-resistant construction**
to withstand extreme weather conditions

Included accessories: Stand adapter

Item Number: RA4000 W 2632Z00310



RA4000 B/W

ACTIVE OMNIDIRECTIONAL
WIDE-BAND UHF ANTENNA

EXTRA POWER

for indoor or outdoor use with long cable lengths

The RA4000 B/W is an active omnidirectional wide-band UHF receiving antenna for use with wireless microphone systems. It operates in a frequency range from 500MHz to 865MHz, providing a covering angle of 360° and a total gain of 18dB. The RA4000 B/W has a built-in amplifier to compensate long cable runs. With dedicated antenna components, it works for cable lengths up to 300m. The RA4000 B/W is remotely powered through the antenna cable.

The antenna has waterproof construction and can be used for indoor and outdoor applications. Using the included universal stand adapter, the RA4000 B/W can be mounted on floor stands with 3/8" or 5/8" screws.

- **Integrated high-performance antenna booster**
17dB total gain for cable lengths up to 300m (1000 ft)
- **Remote powering via the antenna cable**
eliminates any extra installation effort
- **Operates in an ultrawide frequency range**
from 500MHz to 865MHz for universal use
- **Water-resistant construction**
to withstand extreme weather conditions

Included accessories: Stand adapter

Item Number: RA4000 B/W 2632Z00320



FLOORPAD ANTENNA

PASSIVE DIRECTIONAL NEAR
FIELD ANTENNA

STICK AROUND

for lecture spaces, worship sanctuaries and other close range applications

The FLOORPAD is a passive directional near field UHF antenna designed for close range applications in highly congested RF environments. It can be used as a transmitting or receiving antenna for wireless microphones and in-ear monitoring systems. It operates in a frequency range from 470 to 740 MHz and provides a covering area of about 12 m/37 ft. Its negative antenna gain of 1 dB provides optimal quality for the wanted signal while decreasing unwanted signals outside its range.

The FLOORPAD is designed to meet the rigorous demands of touring and rental companies. The tough, PVC molded pad can withstand the weight of a forklift and is not adversely affected if stood on during use. Its coaxial tail connector is pull tested to 50 lbs.



- **Near field antenna**
decreases unwanted signals in highly congested radio environments
- **Works as transmitting and receiving antenna**
for wireless microphones and in-ear monitoring
- **Operates in a wide frequency range**
470 to 740 MHz for universal use worldwide
- **19" diameter, 1/4" thick tough PVC floor pad**
for easy hiding under carpeting, podiums or stages
- **Water-resistant construction**
for indoor and outdoor use

Item Number: Floorpad Antenna 3009H00220



HELICAL ANTENNA

PASSIVE CIRCULAR POLARIZED
DIRECTIONAL ANTENNA

SPIN DOCTOR

For indoor or outdoor use

The HELICAL antenna is a passive circular polarized directional wide-band UHF antenna which can be used as a transmitting or receiving antenna for wireless microphones and in-ear monitoring systems. It operates in a frequency range from 470 to 740 MHz and provides an antenna gain of 9dB.

This circular polarized HELICAL antenna is specially designed for tour sound, sports and broadcast applications where long range FOH positions of many hundreds of feet often require a high gain. With the included universal threat adapter it can be mounted on floor stands with both 3/8" or 5/8" screws.

The HELICAL antenna comes with a durable, water resistant nylon cover which also helps to compress the antenna to easily fit inside a rack drawer.

- **Circular polarized antenna design**
for high directionality and strong signal reception
- **Works as transmitting and receiving antenna**
for wireless microphones and in-ear monitoring
- **9 dB antenna gain**
for long distance applications
- **Operates in a wide frequency range**
470 to 740 MHz for universal use worldwide
- **Foldable from 12" extended to 3" compressed**
to easily fit inside a rack drawer

Item Number: Helical Antenna 3009H00210



PS4000 W

ACTIVE WIDE-BAND UHF ANTENNA SPLITTER

SPLIT UP

for DMS700, WMS4500, WMS470, WMS450 receivers

PS4000 W is an active wide-band UHF antenna distributor to feed up to five receivers with the RF signal of a pair of antennas. It is capable of adjusting the radio signal strength transmitted to a receiver. Adjustable RF-level settings guarantee maximum operating distance even when using different cable lengths and different types of cable. It supports the wireless system with optimal radio power and improves multichannel capability.

The PS4000 W comes in a rugged half-rack metal housing and works with all active and passive AKG antennas, RA4000 B/W, RA4000 W, SRA2 B/W and SRA2 W.



ZAPD 21

PASSIVE WIDE-BAND UHF ANTENNA COMBINER/SPLITTER

TWO-WAY CROSSING

for DMS700, WMS4500, WMS470, WMS450 receivers

The ZAPD21 is a passive, wide-band UHF antenna combiner/splitter. It can be used with active and passive transmitter and receiver antennas. It passes through the power from transmitters, receivers and power supplies, enabling remote powering of connected antennas.

The ZAPD21 comes in a rugged, waterproof metal housing and works bi-directionally with all active and passive AKG antennas, RA4000 B/W, RA4000 W, SRA2 B/W and SRA2 W. It operates in a frequency range from 500MHz to 2000MHz with a low insertion loss of 3dB.

- **Cable length adjustment switch**
for optimizing antenna signal levels
- **Remote power for antennas and receivers**
power via antenna cable eliminates any extra installation effort
- **Operates in an ultrawide frequency range**
from 500MHz to 865MHz for universal use
- **Link output**
to cascade up to three PS4000 Ws for large systems

Included accessories: RMU4000 Rack Mount Unit

Item Number: PS4000 W 2996Z00100

- **Bi-directional operation**
for splitter and combiner use
- **Pass-through of remote power**
for extremely flexible installation
- **Operates in an ultrawide frequency range**
from 500MHz to 2000MHz for universal use worldwide
- **Water-resistant construction**
to withstand extreme weather conditions

Item Number: ZAPD 21 SERVSON760



AB4000

ANTENNA BOOSTER

BEYOND ALL LIMITS

for DMS700, WMS4500, WMS470, WMS450 receivers

AB4000 is a high-performance antenna booster to compensate signal loss on long antenna cables. One AB4000 can compensate 3.5 to 17.5 dB of cable attenuation. Up to two boosters can be cascaded in case of extremely long cable runs.

The AB4000 comes in a rugged, waterproof metal housing and features an in-line power LED display and cable length adjustment switches. It works with all active and passive AKG antennas, RA4000 B/W, RA4000 W, SRA2 B/W and SRA2 W, and operates in a frequency range from 500MHz to 865MHz.



ASU4000

REMOTE ANTENNA POWER SUPPLY

REMOTE DC POWER

for RA4000 B/W, SRA2 B/W antennas and AB4000 booster

The ASU4000 is a remote antenna power supply unit for large-scale antenna distribution or small antenna systems where no PS4000 W is in use. It provides the necessary power for up to three active antenna elements (RA4000 B, SRA2 B, AB4000) via the antenna cable.

The ASU4000 comes in a rugged, waterproof metal housing and features lockable DC input and a status LED for fail-safe operation.

- **17dB amplification**
for extremely long cable runs
- **Remote powering via the antenna cable**
eliminates any extra installation effort
- **Cable length adjustment switch**
for optimizing antenna signal levels
- **Water-resistant construction**
to withstand extreme weather conditions

Item Number: AB4000 3009Z00020

- **Powers up to three active antenna elements**
DC power for RA4000 B/W, SRA2 B/W and AB4000
- **Remote powering via the antenna cable**
eliminates any extra installation effort
- **Lockable DC input**
for secure, failure-free connection
- **Water-resistant construction**
to withstand extreme weather conditions

Item Number: ASU4000 3009Z00100



NETWORK
SYSTEMS

PLAY IT SAFE!

It doesn't matter: in tour sound mode or permanently installed systems in theatres, conferences or multi-functional buildings, remote control is essential for the operation of multi-channel wireless systems. Thanks to Harman HiQnet integration, AKG wireless systems offer the best net-working possibilities of all products on the market today.

The System Architect™ computer based program from Harman allows audio installation planning and controlling, from microphone to loudspeaker, for the entire audio signal chain. The System Architect offers a unique frequency coordination solution – the so-called 1 Click Setup – where intermodulation free frequencies for the entire wireless system can be calculated with a single click.



The AKG iPhone wireless app is a unique tool for the monitoring of installations using an Apple iPhone. It displays all the essential parameters and RF graph directly on the iPhone's touchscreen, and combined with VM² means networking possibilities can be extended allowing AKG wireless systems to seamlessly operate with Soundcraft Vi mixing consoles (the most important parameters are directly shown in the corresponding channel of the mixer).

< WIRELESS IPHONE APP

AKG's System Architect™ plug-in provides intuitive control of all parameters of the wireless channels. It enables monitoring and control of a complete AKG wireless system from an Apple iPhone™, iPad™ or iPod™ touch via Wi-Fi™.



CHRISTIAN RUPPEL, MANAGING DIRECTOR OF MEDIAPARK VISION, GERMANY

No fewer than 32 radio channels were necessary to set the stage for the "Nibelungenfestspiele". Thanks to System Architect software and AKG's iPhone app – which can't be topped in terms of reliability and ease of use – controlling this sophisticated wireless setup was a breeze!



HUB4000 Q

HIQNET ETHERNET INTERFACE

MAKE THE CONNECTION

supports DMS700, WMS4000/4500 and IVM4/4500

The HUB4000 Q reference HiQnet® ethernet interface allows you to connect up to eight AKG wireless devices to a HiQnet network. HUB4000 Q connects to the network via a standard CAT-5 cable. For large wireless systems, several HUB 4000 Qs can be cascaded using commercial Ethernet switches (or routers, wireless hubs, etc.), allowing you to configure and monitor complex systems from a single application. HUB4000 Q connects the wireless system to the applications Harman System Architect™, AKG Wireless app and VM².

The HUB4000 Q comes in a rugged half-rack metal housing and provides 10 LEDs with information on the data transfer status as well as 4 DIP switches to set up the IP address.



AKG SYSTEM ARCHITECT PLUGIN

HIQNET REMOTE CONTROL PC SOFTWARE

CONNECT. CONFIGURE. CONTROL.

supports DMS700, WMS4000/4500 and IVM4/4500

AKG's System Architect™ plug-in automatically identifies all HUB4000 Qs connected to a HiQnet® system. The channel-oriented user interface provides intuitive control of all parameters of the wireless channels. With the unique 1 Click Setup frequency coordination can be done with a single click. It performs an Environment Scan, calculates the discrete and intermodulation free frequencies and programs them into the wireless receivers.

1 Click Setup Xpert offers an advanced frequency coordination mode, with which restricted TV-channels and non AKG wireless frequencies can be included in the calculation.

Additional tools including Device Manager, Programmer Guide and Custom Panels make managing complex wireless systems easy and straight forward.

- **Connects up to 8 wireless devices to HiQnet® network**
enables remote control via System Architect™, AKG Wireless app and VM²
- **Cascadable via standard ethernet switches**
for easy setup of large system configurations
- **Central 10 LED operating display**
for full control on data transfer status
- **Covered DIP switches on front panel**
for quick and safe setup of the IP address
- **Rugged half-rack metal housing**
for flexible, space efficient system configurations

Item Number: HUB4000 Q 2999Z00140

- **1 Click Setup**
automatic frequency coordination with a single click
- **1 Click Setup Xpert**
for advanced frequency coordination of large wireless systems
- **Custom Control Panels**
for easy control interface customizing
- **Intuitive tools**
for setting up and monitoring of multichannel wireless systems
- **Environment Scan of RF spectrum**
for graphical visualization of radio environment



VM²

SOUNDCRAFT VISTONICS
MICROPHONE MONITORING

TOTAL CONTROL

supports DMS700, WMS4000/4500 and IVM4/4500

With VM² Vistonics Microphone Monitoring, Soundcraft and AKG are making the FOH engineer's life easier. For the first time the status of any HiQnet-compatible AKG wireless microphone can directly be monitored from a Soundcraft Vi consoles surface. VM² provides real time visual display of battery life, RF status and mic muting, right there on the relevant channel strip. Expanded information are instantly available by touching the Vistonics™ screen. e.g. pressing the Locate button on the console causing the receiver's display to flash, for easy location in the rack.

VM² is supported by all Soundcraft Vi Series Mixing (Vi1, Vi2, Vi4, Vi6) consoles with V4.5 software or higher.



WIRELESS iPHONE APP

HIQNET REMOTE CONTROL IOS APP

iLIKE

supports DMS700, WMS4000/4500 and IVM4/4500

The AKG Wireless iPhone™ App is a reference remote control for iOS devices. It enables monitor and control of a complete AKG wireless system from an Apple iPhone, iPad™ or iPod™ touch via Wi-Fi™. The app offers unique functions like the radio frequency graph, which is the easiest way to find areas of good radio coverage by walking around the stage. Device list offers an instant overview of system alerts, information on the transmitters battery life, radio signal strength and audio signal quality. Furthermore the AKG Wireless App enables to remotely mute individual receivers.

The AKG Wireless app is available for free from the Apple iTunes™ Store.

- **Integrated in the Vistonics™ console user interface**
allows the monitoring of AKG wireless systems from the console
- **Real time visuals of wireless status**
right on the relevant channel strip
- **Detailed information on all critical functions**
RF signal strength, battery status and audio level
- **More efficient workflow**
for one less thing to worry about
- **No computer needed**
works with HUB4000 Q and HiQnet®

- **Optimized touch user interface**
setup and monitor wireless systems from an iOS device
- **Graph of RF signal strength over time**
for walk around tests on stage with direct graphical feedback
- **Device List**
keep the overview over the entire system
- **Alerts within device list**
for instant information of critical system parameters
- **No computer needed**
works with HUB4000 Q and standard Wi-Fi™ routers



CU700

CHARGING UNIT

FAST AND COOL

for DHT700 and DPT700 transmitters

The CU700 is a charger that rapidly boosts the rechargeable batteries inside the transmitter without damaging the cells' elements. The CU700 charger determines the optimum charge current and has a quiet cooling fan to control the temperature of the cells. Integrated charging contacts allow the batteries to remain inside the transmitter while charging on the CU700.

The CU700 charger uses pulse technology, in which a pulse is fed to the battery. With pulse charging, high instantaneous voltages can be applied without overheating the battery. The CU700 provides two charging compartments for simultaneous charge of two devices. The housing can be rack-mounted using the optional 19" rack-mount unit.

- **Charger with two charging compartments**
for two DPT700, or DHT700
- **Smart current management system**
operates with two AA-size NiMH rechargeable batteries
- **Two-hour quick charging**
for up to eight hours of battery life
- **Optional 2U 19" rack-mount unit**
for easy installation without loose parts

Included accessories: PSU12V Lockable 2000mA EU/US/UK/AU Power supply, 4 x NiMH Rechargeable Batteries

Item Number: CU700 3158H00010 with power supply



CU4000

CHARGING UNIT

SAVE SOME MONEY

for HT4500 and PT4500 transmitters and SPR4500 IEM receiver

The BP4000 and CU4000 represent a premium charging system for the transmitter of the WMS4500 wireless microphone system as well as for the body-pack receiver of the IVM4500 IEM in-ear monitoring system. The CU4000 provides two charging compartments for simultaneous charge of two devices. An integrated microprocessor monitors battery status and calculates the remaining battery life. It informs the user about the time needed to return to maximum service capability.

Integrated charging contacts allow the BP4000 battery-pack to be used separately or to remain inside the transmitter or receiver while charging on the CU4000. The BP4000 plus CU4000 system helps to reduce battery costs as well as environmental hazards from used batteries.

- **Accurate remaining battery life**
intelligent charge count
- **One-hour quick charge**
for twelve hours of operation
- **Charger with two charging compartments**
for HT4500 and PT4500 transmitters, SPR4500 or BP4000 battery-packs
- **Smart current management system**
prevents overcharging and shows recovery time
- **Microprocessor-controlled life-cycle management**
with up to 1000 charging cycles

Included accessories: 2 x BP4000 rechargeable battery pack

Item Number:

CU4000 EU/US/UK/AU	2887X01060	with PSU12V Lockable 2000mA EU/US/UK/AU Power supply
CU4000 none	2887X00060	without power supply



CU400

CHARGING UNIT

DROP IT IN

for WMS450 and WMS470 series transmitters

The AKG CU400 is a high-performance drop-in-style battery charger for WMS450 and WMS470 series wireless handheld and body-pack transmitters. The charger's design and the integrated charging contacts of the transmitter conveniently eliminate the need to remove the battery before charging; simply drop the entire transmitter into the slot. The charger monitors battery voltages and temperatures during charging and automatically ends the cycle when the batteries are fully charged.

The CU400 provides a status display LED for full control of the charging status.



PSU4000

CENTRAL POWER SUPPLY UNIT

POWER IT UP

for PS4000, SPC4500, HUB4000 Q, WMS receivers and charging units

The PSU4000 is a central power supply unit for components of the WMS wireless microphone and IVM in-ear monitoring systems. It provides an IEC power socket and a switch mode power supply for worldwide use. The PSU4000 features three high current 12V/2A DC outputs via lockable DC connectors.

The PS4000 comes in a rugged half-rack metal housing. It can supply up to 12 stationary receivers via the PS4000 W antenna splitter or four stationary IEM transmitters via SPC4500. Alternatively, it can power up to three charging units (CU4000 or CU700) or HUB4000 Q.

- **Charger with two charging compartments**
for two HT450/470 or PT450/470
- **Two-hour quick charging**
for up to eight hours of battery life
- **Smart current management system**
operates with one AA-size NiMH rechargeable battery

Included accessories: 2 x NiMH Rechargeable Batteries

Item Number:

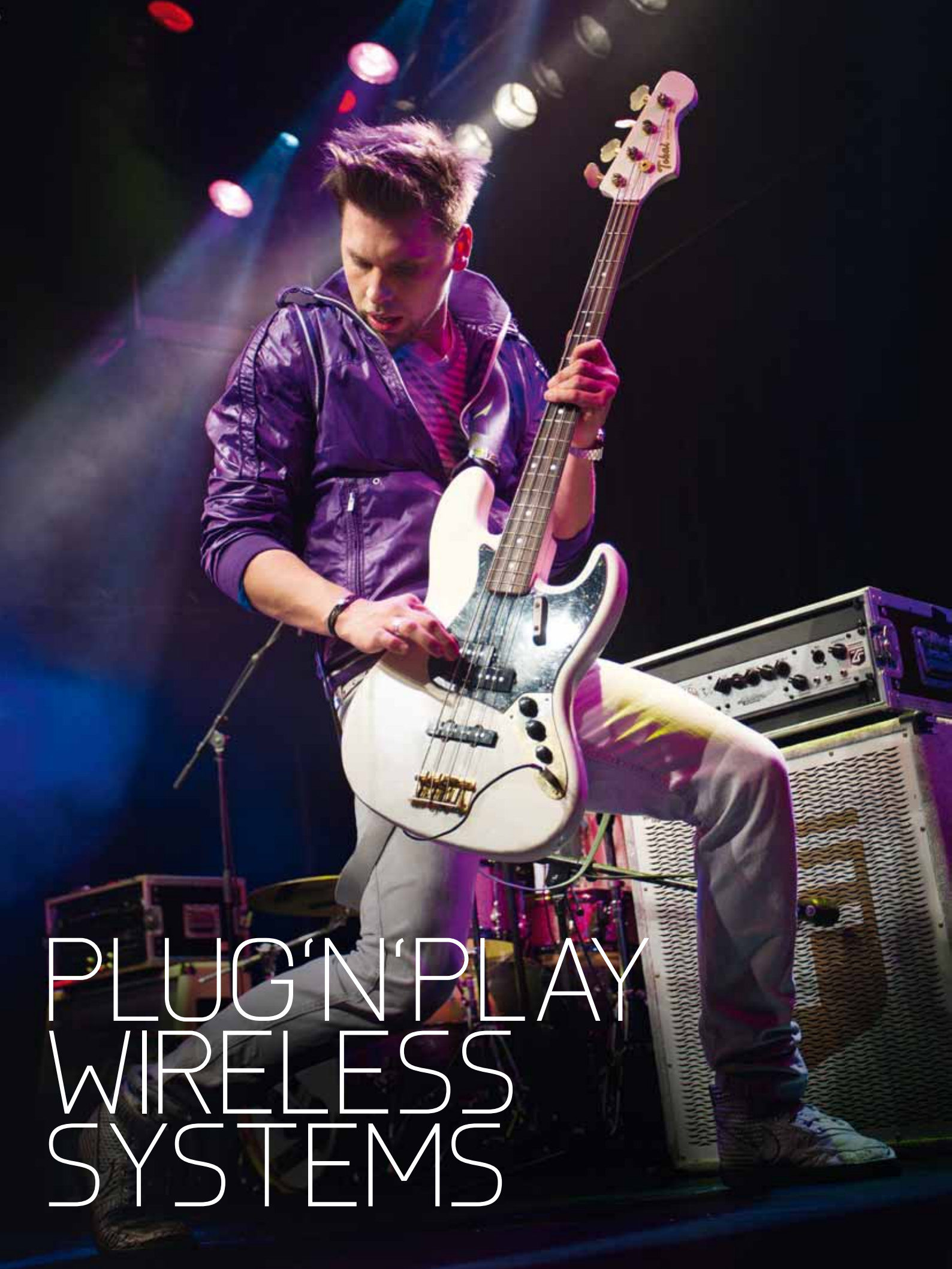
CU400 EU/US/UK	2934H00010	with PSU5V 2000mA EU/ US/UK Power supply
CU400 none	2934H00040	without power supply

- **Rugged half-rack metal housing**
for a flexible, space-efficient system configurations
- **Lockable DC output**
for secure, failure-free connection
- **Three high-current 12V/2A DC outputs**
universal power supply for large systems

Included accessories: RMU4000 Rack Mount Unit,
3 x DC-DC Cable

Item Number:

PSU4000 EU	2997Z00010	with EU mains cable
PSU4000 UK	2997Z00030	with UK mains cable
PSU4000 US	2997Z00020	with US mains cable
PSU4000 none	2997Z00040	without mains cable



PLUG'N'PLAY WIRELESS SYSTEMS

PURE SIMPLICITY

It does not always have to be the most cost-intensive or complex system. More often than not a user is happy with a radio system which is fast and easy to use where small bands, community shared spaces or churches can utilize eight channels without difficulty. For this reason, user friendliness is center stage achieving an enhanced level of reliability without specialist technical knowledge.

Like their bigger brother, AKG plug and play wireless systems are equipped with intelligent receivers that can automatically perform each and every step during set up. Frequency management is already integrated within the system and a user simply has to press a button!

The uncompromising audio quality is the equal to bigger installations. With the simplest operation it will deliver a 100 percent studio sound and can be used worldwide without registration or license fees.



< DMS70

The DMS70 provides uncompressed studio-quality transmission and a linear frequency response, for uncompromising vocal and instrumental performances. The DMS70 is up and running in fractions of a second. Worldwide and license-free!



DIANA LUEGER, VOCALS FOR "ZWEITFRAU", AUSTRIA

I don't really care about technology, I only care about sound and a solution that is really easy to handle. The DMS70 is a true plug'n'play system with amazing digital studio quality sound. And the best of all, I can use it worldwide without license fees.

DMS70

PROFESSIONAL DIGITAL
WIRELESS MICROPHONE SYSTEM

BOUNDLESS FREEDOM

for license-free operation, worldwide

The DMS70 is a professional digital 2.4GHz wireless microphone system for worldwide, license-free operation. With 24bit, 48kHz audio coding, it provides uncompressed studio-quality transmission and a linear frequency response, for uncompromising vocal and instrumental performances. 128bit AES standard encryption prevents tapping of the audio signal, which makes it a perfect companion for high-security conferences.

The dynamic frequency selection (DFS) ensures that only the cleanest frequency bands are selected for the connection between receivers and transmitters

— automatically! The DMS70 is up and running in fractions of a second. The digital receiver and transmitter diversity provide rock-solid, drop-free signal transmission. A maximum of eight channels can be operated simultaneously.

All Products share these features:

- **True uncompressed transmission**
for best audio quality
- **Standard AES 128-bit encryption**
prevents tapping of the audio signal
- **Plug-and-play solution**
up and running in a second
- **Digital receiver and transmitter diversity**
for unmatched signal stability
- **Dynamic frequency selection**
automatically selects the best frequency band



DSR70

PROFESSIONAL DIGITAL
WIRELESS MULTICHANNEL RECEIVER

The DSR70 professional digital wireless diversity receiver features bidirectional communication between the transmitter and receiver, which offers a number of valuable functions including remote power-off for all transmitters, battery status monitoring and more. The dynamic frequency selection (DFS) intelligently chooses only the cleanest frequency bands to establish a robust connection to the transmitters. Thanks to the one-click pairing function, the system is up and running immediately.

DSR70 is available in two versions, DSR70 Dual for up to two channels and DSR70 Quattro for up to four channels. Two DSR70 receivers can operate together, providing up to eight simultaneous channels. The package includes a universal power supply kit for worldwide use.

- **Dynamic frequency selection**
automatically selects the best frequency band
- **Standard AES 128-bit encryption**
prevents tapping of the audio signal
- **Auto correction switch**
more processor power for clearer signals
- **DSR70 Dual two-channel receiver**
with two individual 1/4" jack outputs
- **DSR70 Quattro four-channel receiver**
four channel outputs and one MIX output via XLR connector

Included accessories: PSU12V 500mA EU/US/UK Power supply, RMU2 Rack Mount Unit

Item Number:

DSR70 Dual	3355H00010
DSR70 Quattro	3255H00010



DHT70

PROFESSIONAL DIGITAL WIRELESS HANDHELD TRANSMITTER

The DHT70 is a professional digital wireless handheld transmitter for worldwide, license-free operation. With 24bit, 48kHz audio coding, it provides uncompressed studio-quality transmission and a linear frequency response. It is available in two versions, with D5 or P3 dynamic capsule, perfect for uncompromising vocal performances.

The DHT70 provides digital diversity and an out-of-range warning function to ensure a stable and drop-free signal within the entire operating area. A high/low input gain switch allows optimum level adjustment for clear, distortion-free signals.

- **P3 or patented state-of-the-art D5 dynamic capsule**
different versions for demanding vocals
- **True uncompressed audio transmission**
for best studio-quality sound
- **Out-of-range warning**
for secure operation
- **Auto power-off function**
saves battery life and reduces operating costs
- **Digital transmitter diversity**
for unmatched signal stability

Included accessories: Stand adapter, 2 x AA Batteries

Item Number:

DHT70 D5	3257X00010
DHT70 P5	3357H00010

DPT70

PROFESSIONAL DIGITAL WIRELESS BODY-PACK TRANSMITTER

The DPT70 is a professional digital wireless body-pack transmitter for worldwide, license-free operation. With 24-bit 48kHz audio coding, it provides uncompressed studio-quality transmission and a linear frequency response, perfect for demanding instrumental performances. 128-bit AES standard encryption prevents tapping of the audio signal, which makes it a perfect companion for high-security conferences.

The DPT70 provides digital diversity and an out-of-range warning function to ensure a stable and drop-free signal within the entire operating area. Its input is fully adjustable between mic and line level for noise- and distortion-free signal reproduction from loud guitars or gentle microphone signals.



- **Professional three-pin mini XLR connector**
compatible with guitar cables, headset and instrument mics
- **True uncompressed audio transmission**
for best studio-quality audio transmission
- **Plug-and-play solution**
up and running in a second
- **Out-of-range warning**
for drop-free operation
- **Auto power-off function**
saves battery life and reduces operating cost

Included accessories: MKG L Instrument cable, 2 x AA Batteries, BC700 Belt clip

Item Number: DPT70 3256H00010

DMS70 SETS



DMS70 QUATTRO

VOCAL SET

The DMS70 Quattro Vocal Set is a professional digital 2.4GHz wireless system for worldwide license-free operation. It provides uncompressed studio quality and a ruler-flat frequency response. The two included DHT70 handheld transmitters provide a D5 dynamic capsule for uncompromising vocal performance. The receiver offers four channels in one rugged 19" housing. Its one-click pairing function gets the system up and running in seconds.

The DMS70 Quattro, Vocal Set package includes:

- **1 x DSR70 Quattro receiver**
- **2 x DHT70 Handheld transmitter with D5 capsule**
- 1 x Universal power supply with US/UK/EU adapter, 4 x AA size battery, 2 x Stand adapter

Item Number: DMS70 Quattro Vocal Set 3258X00010



DMS70 QUATTRO

INSTRUMENTAL SET

The DMS70 Quattro Instrumental Set is a professional digital 2.4GHz wireless system for worldwide license-free operation. It provides uncompressed studio quality and a ruler-flat frequency response. Each of the two included DPT70 body-pack transmitters provides a professional three-pin mini XLR connector, fully compatible with all guitar and bass levels, headsets and instrumental mics. The receiver offers four channels in one rugged 19" housing. Its one-click pairing function gets the system up and running in seconds.

The DMS70 Quattro, Instrumental Set package includes:

- **1 x DSR70 Quattro receiver**
- **2 x DPT70 Body-pack transmitter**
- **2 x MKG L Instrument cable**
- 1 x Universal power supply with US/UK/EU adapter, 4 x AA size battery

Item Number: DMS70 Quattro Instrumental Set 3258H00020

DMS70 QUATTRO

VOCAL / INSTRUMENTAL SET



The DMS70 Quattro Vocal/Instrumental Set is a professional digital 2.4GHz wireless system for worldwide license-free operation. It provides uncompressed studio quality and a ruler-flat frequency response. The included DPT70 body-pack transmitter provides a professional three-pin mini XLR connector, compatible with guitar and bass guitar levels, headsets and instrumental mics. The included DHT70 handheld transmitter provides a D5 dynamic capsule for uncompromising vocal performance. The receiver offers four channels in one rugged 19" housing. Its one-click pairing function gets the system up and running in seconds.

The DMS70 Quattro, Vocal / Instrumental Set package includes:

- 1 x DSR70 Quattro receiver
- 1 x DHT70 Handheld transmitter with D5 capsule
- 1 x DPT70 Body-pack transmitter, 1 x MKG L Guitar cable, 1 x Stand adapter
- 1 x Universal power supply with US/UK/EU adapter, 4 x AA size battery

Item Number: DMS70 Quattro Vocal/Instrumental Set 3258X00030

DMS70 DUAL

VOCAL SET



The DMS70 Dual Vocal Set is a professional digital 2.4GHz wireless system for worldwide license-free operation. It provides uncompressed studio quality and a ruler-flat frequency response. The included DHT70 handheld transmitter provides a super cardioid dynamic capsule for professional vocal performance. The receiver offers two channels in one rugged half 19" housing. Its one-click pairing function gets the system up and running in seconds.

The DMS70 Dual, Instrumental Set package includes:

- 1 x DSR70 Dual receiver
- 1 x DHT70 Handheld transmitter with P5 capsule
- 1 x Universal power supply with US/UK/EU adapter, 2 x AA size battery, 1 x Stand adapter

Item Number: DMS70 Dual Vocal Set 3358H00010

DMS70 DUAL

INSTRUMENTAL SET



The DMS70 Dual Instrumental Set is a professional digital 2.4GHz wireless system for worldwide license-free operation. It provides uncompressed studio quality and a ruler-flat frequency response. The included DPT70 body-pack transmitter provides a professional three-pin mini XLR connector, compatible with all bass/guitar levels, headsets and instrumental mics. The receiver offers two channels in one rugged half 19" housing. Its one-click pairing function gets the system up and running in seconds.

The DMS70 Dual, Instrumental Set package includes:

- 1 x DSR70 Dual receiver
- 1 x DPT70 Body-pack transmitter, 1 x MKG L Guitar cable
- 1 x Universal power supply with US/UK/EU adapter, 2 x AA size battery

Item Number: DMS70 Dual Instrumental Set 3358H00020

PERCEPTION WIRELESS

HIGH-PERFORMANCE
WIRELESS MICROPHONE SYSTEM

NO MORE CABLES

*for houses of worship, hotels, clubs and
band applications*

Perception Wireless is a high-performance analog wireless microphone systems which delivers brilliant sound and is easy to use. It is the optimum plug and play wireless solution for small stages, clubs, places of worship, hotels, and gyms. The preset frequency sets allow easy setup from single-channel applications to multichannel systems. Perception Wireless offers exceptional eight hours of operation from a single AA size battery,

which dramatically reduces the operating costs in day-to-day use. The system is available in complete set packages for different applications. All include a universal connector kit for worldwide use.

All Products share these features:

- **30MHz selection bandwidth**
save operation for simple multichannel systems
- **Eight hours of operation from a single AA size battery**
saves money in day-to-day use
- **Auto Setup Mode**
plug and play solution for easy setup
- **Switched mode power supply**
universal connector kit for worldwide use

SR45

HIGH-PERFORMANCE WIRELESS
STATIONARY RECEIVER

The SR45 analog high-performance space diversity wireless receiver provides maximum ease of use with different channel presets up to six channels. It is perfect for instrumental and vocal performances in small clubs as well as for use in houses of worship and in conference rooms.

The SR45 provides an audio clipping and RF signal strength LED for easy monitoring of systems status. Best audio signal output is provided via both a professional XLR and a 1/4" jack connector. For worldwide use, the receiver comes with a universal, switched mode power supply kit.



- **30MHz selection bandwidth**
simultaneous use of up to 6 channels
- **Professional balanced XLR and 1/4" jack output**
for best audio signal
- **Audio clip and RF control LED on receiver**
for easy monitoring of your performance
- **Switched mode power supply**
universal connector kit for worldwide use
- **Adjustable squelch level**
for secure audio transmission in all environments

Included accessories: PSU12V 500mA EU/US/UK Power supply



HT45

HIGH-PERFORMANCE WIRELESS HANDHELD TRANSMITTER

The HT45 analog high-performance wireless handheld transmitter features a dynamic microphone capsule for demanding vocal performances. The cardioid polar pattern ensures maximum gain before feedback and lets your voice cut through any mix. Its spring-steel wire-mesh front grille protects the transducer from the hardships of on-stage use.

The HT45 provides a gain control for perfect adjustment of the input volume and a noiseless on/off/mute switch. A battery status indicator shows red before the battery goes dead, allowing the user to fully control his performance time.

- **Eight hours of operation from a single AA battery**
saves money in day-to-day use
- **Gain control on transmitter**
for immediate volume adjustment
- **Noiseless on/off/mute switch**
for easy operation

Included accessories: Stand adapter, 1 x AA Battery

PT45

HIGH-PERFORMANCE WIRELESS BODY-PACK TRANSMITTER

The PT45 is an analog high-performance wireless body-pack transmitter in a small, rugged housing. A professional mini XLR audio connector makes the body-pack compatible with all kinds of guitars, basses, instrumental pickups and headsets. It is designed for stress-free work on small stages, in houses of worship and in conference rooms.

The PT45 provides a gain control for perfect adjustment of the input volume and a noiseless on/off/mute switch. A battery-status indicator shows red before the battery goes dead, allowing the user full control of performance time. The package includes a rugged guitar cable.



- **Eight hours of operation from a single AA-size battery**
saves money in day-to-day use
- **Professional three-pin mini XLR connector**
compatible with guitar cables, headset and instrument mics
- **Gain control on transmitter**
for immediate volume adjustment
- **Noiseless on/off/mute switch**
for easy operation
- **Compact and rugged body-pack design**
for maximum wearing comfort

Included accessories: MKG L Instrument cable, BC400 Belt clip, 1 x AA Battery

PERCEPTION WIRELESS 45 SETS



PERCEPTION WIRELESS

VOCAL SET

The Perception Wireless high performance Vocal Set delivers brilliant sound and is surprisingly easy to use. The included HT45 handheld transmitter features a dynamic microphone with cardioid polar pattern, ensuring voices to cut through any mix. The SR45 receiver provides professional XLR and 1/4" jack outputs.

The Perception Wireless, Vocal Set package includes:

- **1 x SR45 Receiver**
- **2 x HT45 Handheld transmitter**
- **1 x Stand adapter**
- 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery



PERCEPTION WIRELESS

INSTRUMENTAL SET

The Perception Wireless high performance Instrumental Set delivers brilliant sound for an exceptionally wide range of applications. The included PT45 body-pack transmitter is the smallest and lightest transmitter in its class. It provides a professional three-pin mini XLR connector and can be used with the included guitar cable or one of the optionally available AKG miniature microphones.

The Perception Wireless, Instrumental Set package includes:

- **1 x SR45 Receiver**
- **1 x PT45 Body-pack transmitter**
- **1 x MKG L Instrument cable**
- 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery



PERCEPTION WIRELESS

SPORTS SET

The Perception Wireless high performance Sports Set delivers brilliant sound and is surprisingly easy to use. The included PT45 body-pack transmitter is the smallest and lightest transmitter in its class. The package also includes a C544 L condenser head-worn microphone featuring an external shock mount for high mechanical-noise rejection. Its moisture shield ensures a high degree of humidity protection for the microphone.

The Perception Wireless, Sports Set package includes:

- 1 x SR45 Receiver
- 1 x PT45 Body-pack transmitter
- 1 x C544 L Head-worn microphone
- 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery



PERCEPTION WIRELESS

PRESENTER SET

The Perception Wireless high performance Presenter Set delivers brilliant sound and is surprisingly easy to use. The included CK99 lavalier microphone clips on quickly and easily, and provides optimum intelligibility for theater performances, presentations or talk shows. The SR45 receiver provides professional XLR and 1/4" jack outputs.

The Perception Wireless, Presenter Set package includes:

- 1 x SR45 Receiver
- 1 x PT45 Body-pack transmitter
- 1 x CK99 L Lavalier microphone
- 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery

WMS40 MINI

WIRELESS MICROPHONE SYSTEM

SMALL SIZE - BIG SOUND

*for houses of worship, hotels, gyms
and band applications*

The WMS40 Mini wireless microphone system provides crystal clear sound and is a true plug'n`play solution. "Up and running" in a second, it is the optimum wireless solution for small stages, clubs, places of worship, hotels, and gyms. The system is available in different application optimized set packages, all of which includes a universal, switched mode power supply for worldwide operation.

The WMS40 Mini system stands out for its extremely long battery life of 30 hours with a single AA battery which helps saving money in the long run.

All Products share these features:

- **Crystal clear sound**
best audio quality for powerful performances
- **"Up and running" in a second**
plug and play solution for easy setup
- **30 hours of operation from a single AA size battery**
saves money in day-to-day use
- **Switched mode power supply**
universal connector kit for worldwide use



SR40 MINI

WIRELESS STATIONARY RECEIVER

The SR40 Mini and SR40 Mini DUAL stationary receivers provide crystal clear audio quality for powerful performances. They feature three status LEDs indicating on/off status, received signal strength (RF OK) and audio clipping (AF CLIP). The receivers provide a volume control potentiometer and a noiseless on/off switch to protect the connected speakers. The SR 40 Mini DUAL integrates two separate wireless receivers in one compact housing.

The SR40 Mini features one, the SR40 Mini DUAL two balanced outputs via 1/4" jack connector. The supplied switched mode power supply operates on any AC voltage from 110 to 240VAC and includes EU, UK, and US adapters.

- **Crystal clear sound**
For best audio quality
- **"Up and running" in a second**
plug and play solution for easy setup
- **Switched mode power supply**
universal connector kit for worldwide use
- **Ultra compact metal housing**
Rugged and lightweight
- **Available as single or dual receiver**

Included accessories: PSU12V 500mA EU/US/UK Power supply



HT40 MINI

WIRELESS HANDHELD TRANSMITTER

The HT40 Mini is a wireless handheld transmitter with a dynamic microphone capsule designed for stressless work in houses of worship, in clubs and on small stages. Its cardioid polar pattern ensures maximum gain before feedback and the unique HDAP (High Definition Audio Performance) technology delivers brilliant sound. The rugged transmitter features an on/off/mute switch and a sturdy wire-mesh cap to protect the microphone element.

The HT40 Mini system's stand-out feature is its extremely long battery life of 30 hours off a single AA battery. It represents ultimate ease of use at an unbeatable price-performance ratio.

- **High Definition Audio Performance technology**
for crystal clear audio quality
- **Cardioid polar pattern**
for trouble-free use on narrow stages
- **Robust spring steel grille**
extreme ruggedness for long stage life
- **Noiseless on/off/mute switch**
to protect the connected speakers
- **Unbelievable 30 hours of working time with one AA battery**
saves money in day-to-day use

Included accessories: Stand adapter, 1 x AA Battery

PT40 MINI

WIRELESS BODY-PACK TRANSMITTER

The PT40 Mini is a wireless body-pack transmitter in a small, rugged housing, perfect for houses of worship, clubs, small stages and gyms. A professional mini XLR audio connector makes the body-pack compatible with all kinds of guitars, basses, instrumental pickups and headsets.

The PT40 Mini provides a gain control for perfect adjustment of the input volume and a noiseless on/off/mute switch. Its stand-out feature is its long battery life of 30 hours on a single AA battery. It represents ultimate ease of use at an unbeatable price/performance ratio.



- **Unbelievable 30 hours life with a single AA battery**
lowest operating cost in its class
- **Professional three-pin mini XLR connector**
compatible with guitar cables, headset- and instrument mics
- **Gain control on transmitter**
for immediate volume adjustment
- **Noiseless on/off/mute switch**
to protect the connected speakers
- **Compact and rugged body-pack design**
for maximum wearing comfort

Included accessories: MKG L Instrument cable, BC400 Belt clip, 1 x AA Battery

WMS40 MINI SETS



WMS40 MINI DUAL

VOCAL SET

The WMS40 Mini Dual Vocal Set is a true plug'n'play wireless solution. Each of the two included HT40 Mini handheld transmitter features a dynamic cardioid capsule for maximum gain before feedback. Their extremely long battery life of 30 hours off a single AA battery saves money in day-to-day use. The receiver offers two balanced outputs via 1/4" jack connectors.

The WMS40 Mini Dual, Vocal Set package includes:

- **1 x SR40 Dual Mini Receiver**
- **2 x HT40 Mini Handheld transmitter**
- 1 x Universal power supply with US/UK/EU adapter, 2 x AA size battery



WMS40 MINI DUAL

INSTRUMENTAL SET

The WMS40 Mini Dual Instrumental Set is a true plug'n'play wireless solution providing crystal clear audio sound. Each of the two included PT40 Mini body-pack transmitter provides a professional 3pin mini XLR connector, compatible to all guitars, basses and AKGs MicroMics, from line to mic level. Their extremely long battery life of 30 hours off a single AA battery saves money in day-to-day use. The receiver offers two balanced outputs via 1/4" jack connectors.

The WMS40 Mini Dual, Instrumental Set package includes:

- **1 x SR40 Dual Mini Receiver**
- **2 x PT40 Mini Handheld transmitter**
- **2 x MKG L Instrument cable**
- 1 x Universal power supply with US/UK/EU adapter, 2 x AA size battery



WMS40 MINI DUAL

VOCAL INSTRUMENTAL SET

The WMS40 Mini Dual Vocal/Instrumental Set is a true plug'n'play wireless solution. The included PT40 Mini body-pack transmitter provides a professional 3pin mini XLR connector, compatible with guitar and bass levels, headsets and instrumental mics. The included HT40 Mini handheld transmitter features a dynamic cardioid capsule for maximum gain before feedback. Their extremely long battery life of 30 hours off a single AA battery saves money in day-to-day use. The receiver offers two balanced outputs via 1/4" jack connectors.



The WMS40 Mini Dual, Vocal/Instrumental Set package includes:

- 1 x SR40 Dual Mini Receiver
- 1 x HT40 Mini Handheld transmitter
- 1 x PT40 Mini Body-pack transmitter
- 1 x MKG L Instrument cable, 1 x Universal power supply with US/UK/EU adapter, 2 x AA size battery

WMS40 MINI SINGLE

VOCAL SET

The WMS40 Mini Single Vocal Set is a true plug'n'play wireless solution providing crystal clear audio sound. The included HT40 Mini handheld transmitter features a dynamic cardioid capsule for maximum gain before feedback. It's extremely long battery life of 30 hours off a single AA battery saves money in day-to-day use. The receiver comes in an ultra compact housing and offers a 1/4" jack output.



The WMS40 Mini Single, Vocal Set package includes:

- 1 x SR40 Mini Receiver
- 1 x HT40 Mini Handheld transmitter
- 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery

WMS40 MINI

INSTRUMENTAL SET

The WMS40 Mini Single Instrumental Set is a true plug'n'play wireless solution providing crystal clear audio sound. The included PT40 Mini body-pack transmitter provides a professional 3pin mini XLR connector, compatible with guitar and bass levels, headsets and instrumental mics. Its extremely long battery life of 30 hours off a single AA battery saves money in day-to-day use. The receiver comes in an ultra compact housing and offers a 1/4" jack output.



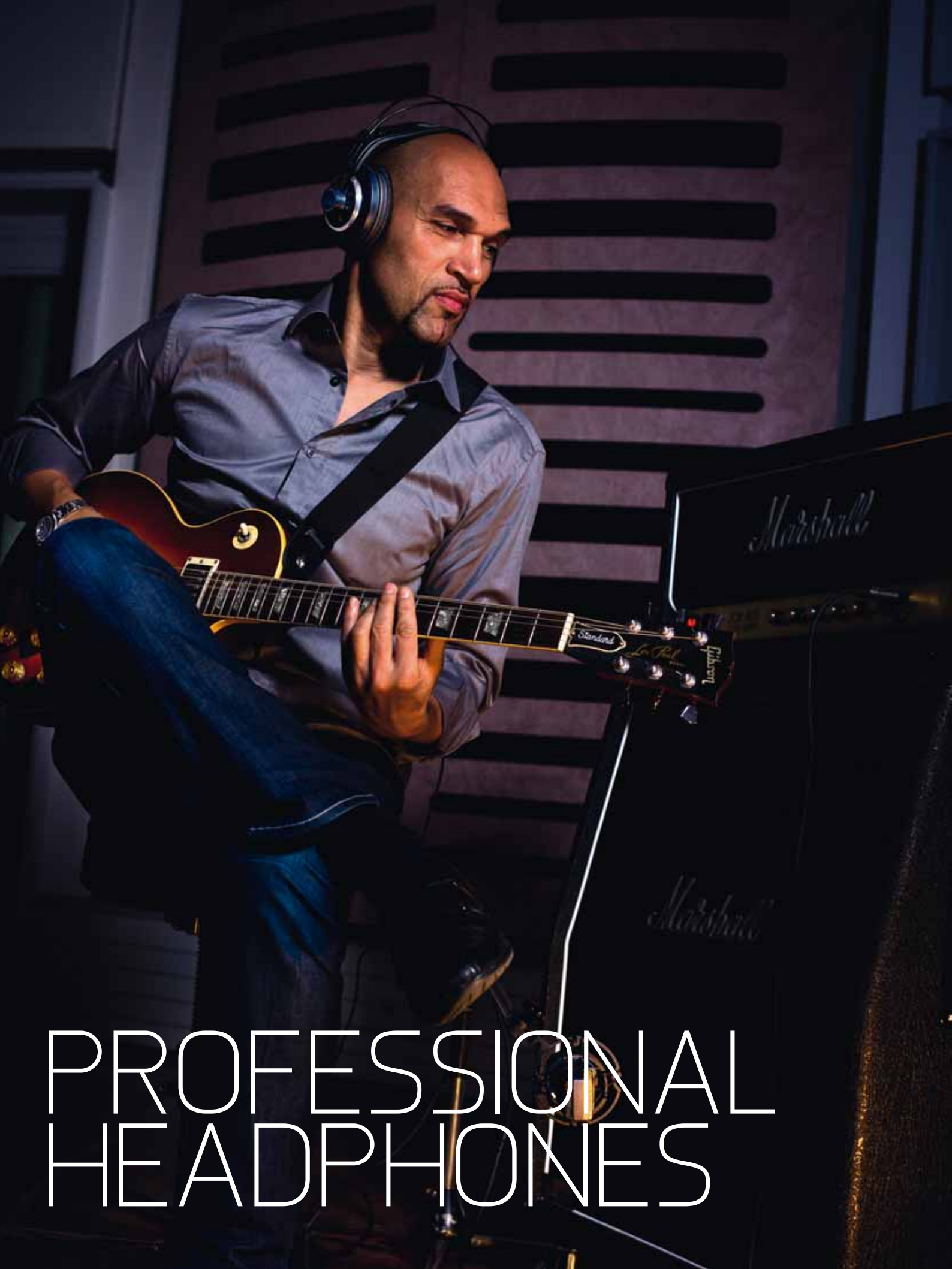
The WMS40 Mini Single, Instrumental Set package includes:

- 1 x SR40 Dual Receiver
- 1 x PT40 Mini Body-pack transmitter
- 1x MKG L Instrument cable
- 1 x Universal power supply with US/UK/EU adapter, 1 x AA size battery



HEADPHONES





PROFESSIONAL
HEADPHONES

IF SOUND IS YOUR BUSINESS

In recording studios around the world, AKG headphones have set the standard for more than 60 years. Closed headphones are commonly used for monitoring in the recording studio whereas, semi-open headphones, due to their spatial sound pattern, are more typical for control monitoring, mixing and mastering. The acclaimed AKG models K271 and K240 have a recognized name and are a permanent feature in the international studio scene.

Singers not only love the distinctive sound of AKG headphones, but also the comfort of the automatically adjustable headband. For sound engineers, high quality listening is essential. It is not unusual for them to prefer AKG headphones as a cost-effective alternative to expensive monitor speakers, and appreciate special features such as the automatic mute feature. It is due to this exceptional performance and their durability that AKG headphones are appreciated by musicians, DJs and sound engineers, and have been proven time and again in live performances around the world.



< K702

The K702s reference studio headphones for precision listening, mixing and mastering. They combine an extremely accurate response with agility and spaciousness. The K702s are individually tested and serial-numbered.



CHRIS TREVETT, GRAMMY AWARD WINNING PRODUCER, MIX ENGINEER, SONGWRITER, CONSULTANT AND LECTURER, USA

I saw a pair of these headphones (K702) on the producers desk at Sound Stage Studio's and I tried them on because I was in the market for some new headphones. I had no idea what/who the music playing in them was but they were the most amazing sounding headphones I have ever heard and knew I had to have them.

AKG by TIËSTO

DJ HEADPHONES

THE ONLY HEADPHONES ENGINEERED FOR DANCE MUSIC.

ideal for live sound monitoring, DJ use and studio work

The “AKG by TIËSTO” headphones range features tuning and styling directed by legendary DJ and producer TIËSTO. Comprising three professional-grade headphones, the TIËSTO Series will appeal to a broad range of end users; from studio engineers, to artists, fans and TIËSTO himself - whether in the studio, at a show or on the go.

“AKG is rooted in the passion for music at the same time as having a unique eye for design and style,” TIËSTO says. “Together we’ve created a line of headphones that are perfect for those who want the best quality of sound, but don’t wish to compromise on style, whether you’re looking to mix in the studio, perform live or even listen when you’re on the move.”

All Products share these features:

- **Powerful drivers with low resonance**
for higher sound pressure and matched low frequency response
- **Closed-back design**
for maximum noise rejection
- **Rugged and roadworthy design**
maximum durability for heavy-duty use
- **3D-Axis professional folding mechanism**
for easy transportation
- **Comfortable ear pads and light-weight construction**
the perfect choice for long working hours



K267 TIËSTO

REFERENCE DJ HEADPHONES

BOOST THE BASS

for professional DJ use

The K267 TIËSTO reference DJ headphones stand for appealing product design and robustness. Its over-ear, closed-back design offers the best sound performance in its class. With an oversized low resonance driver, the K267 TIËSTO headphones provide higher SPL while still maintaining a matched low frequency bass response. A switchable bass boost maximizes deep sub-bass frequencies.

The K267's Dual Plug-In feature allows the user to attach the cable to either side for maximum comfort. With high-quality materials and superior workmanship, its lightweight construction is exceptionally rugged. In addition, each set boasts 3D-Axis folding mechanisms for optimum fitting and flat storage.

- **Over-ear, closed-back design**
for high comfort and maximum noise rejection
- **Oversized 50 mm driver with low resonance**
for higher sound pressure and matched low frequency response
- **User adjustable bass boost**
keeps sound neutral or maximizes deeper sub bass frequencies
- **Anodized aluminium parts**
offer maximum durability for heavy-duty use
- **Dual Plug-In feature**
allows alternate cable dressing from either the left or right side

Included accessories: EK300 Straining cable, EK500 Coiled cable

Item Number: K267 TIËSTO 3285H00010



K167 TIËSTO

PROFESSIONAL DJ HEADPHONES

GET CONNECTED

for live sound monitoring, DJ use and studio work

The K167 TIËSTO professional DJ headphones feature over-ear, closed-back design for high comfort and maximum noise rejection. The 40 mm drivers deliver high sound pressure levels with an impressive sound quality – even in loud environments such as small clubs.

Thanks to its slick design and roadworthy construction, the K167 TIËSTO headphones are suitable for multiple applications, from the stage to the studio. The rugged headband bends easily and folds into any listening position. For easy transportation the headphones can be collapsed into a thin package.



K67 TIËSTO

HIGH-PERFORMANCE DJ HEADPHONES

HOOK UP

for live sound monitoring, DJ use and studio work

The K67 TIËSTO high-performance DJ headphones feature high noise attenuation and are ideal for both stage and studio work. The compact on-ear design delivers sound quality wherever necessary, even outdoors. Thanks to their 40 mm transducers, they deliver high sound pressure levels.

The comfortable leatherette ear pads and light-weight design ensure that they are a great choice for long working hours at small clubs or in large venues. The K67 TIËSTO headphones include the 3D-Axis folding mechanism, which allows them to collapse into a thin package for easy transportation.

- **Over-ear, closed-back design**
for high noise attenuation and maximum wearing comfort
- **Powerful 40 mm driver with low resonance**
for high sound pressure even at very low bass frequencies
- **XRP³ glass-fiber reinforced polymer parts**
offer maximum durability at a low weight
- **3D-Axis professional folding mechanism**
for flat storage and easy transportation
- **Roadworthy design**
ensures reliable operation for many years

Item Number: K167 TIËSTO 3284H00010

- **On-ear, closed-back design**
for high noise attenuation
- **Powerful 40 mm drivers**
deliver extraordinary high sound pressure
- **XRP³ glass-fiber reinforced polymer parts**
offer maximum durability at a low weight
- **3D-Axis professional folding mechanism**
for flat storage and easy transportation
- **Compact, roadworthy design**
ideal for outdoor use

Item Number: K67 TIËSTO 3283H00010



K702

REFERENCE STUDIO
HEADPHONES

PURE PERFECTION

for precision listening, mixing and mastering

The K702s are reference, open, over-ear studio headphones for precision listening, mixing and mastering. They combine an extremely accurate response with agility and spaciousness. This is achieved by using revolutionary flat-wire voice coils and a patented Varimotion two-layer diaphragm. A totally open design and a high-performance cable complete these reference headphones.

The K702s' comfortable, specially shaped 3D-foam ear pads and a padded genuine-leather headband ensure a perfect fit. They provide a professional mini XLR connector for quick replacement of the cable. The K702s are individually tested and serial-numbered.

-
- **Over-ear design**
maximum wearing comfort for long work sessions
 - **Sophisticated open technology**
for spacious and airy sound without compromise
 - **Patented Varimotion two-layer diaphragm**
for improved high-frequency range and better performance at low frequencies
 - **Unique flat-wire voice coil**
for higher sensitivity, better impulse and treble response
 - **Specially shaped 3D-foam ear pads**
for optimum fit and ease of use

Included accessories: Gold Plated Mini Jack Adaptor

Item Number: K702 2458Z00190



K271 MKII

PROFESSIONAL STUDIO
HEADPHONES

UNIVERSAL GENIUS

for monitoring, mastering, studio and live sound mixing

The K271 MKIIs are professional over-ear headphones for studio and live use. They combine the comfort of an over-the-ear design and the benefits of closed-back technology for best possible sound reproduction. The sealed design ensures low signal bleeding into microphones in the studio and maximum isolation for live mixing applications.

The K271 MKIIs feature a switch in the headband that mutes the audio just as soon as the headphones are taken off. They provide a professional mini XLR connector for quick replacement of the cable. The package includes a 3m (10ft) straight and 5m (16ft) coiled cable.

-
- **Over-ear design**
maximum wearing comfort for long work sessions
 - **Advanced closed technology**
high noise insulation, best possible sound reproduction
 - **Auto-mute feature**
mutes headphones when they are taken off
 - **Sealed design with lowest signal bleeding**
for vocal and instrument recordings without unwanted spill
 - **Self-adjusting headband**
for optimum fit and ease of use

Included accessories: EK500 Coiled cable, EK300 Straining cable, Velvet earpads

Item Number: K271 MKII 2470X00190



K171 MKII

PROFESSIONAL STUDIO HEADPHONES

SMILING FACE

for live sound mixing [FOH] and drummers

The K171 MKII professional on-ear, closed studio headphones provide the highest possible noise insulation, perfect for live sound mixing. In order to support familiar hearing habits, the K171 MKIIs show a slight “smiley face” EQ curve with a little bass and treble boost.

Their well-defined bass reproduction makes the K171 MKIIs the Number One playback headphones for demanding bass players and drummers worldwide. The professional mini XLR connector allows quick replacement of the cable. The package includes a 3m (10ft) straight cable, a 5m (16ft) coiled cable, and leatherette and velvet ear pads.

-
- **On-ear design**
for highest possible noise attenuation
 - **Advanced closed technology**
high noise insulation for best possible sound reproduction
 - **Slight bass and treble boost**
for appealing sound reproduction

Included accessories: EK500 Coiled cable, EK300 Straining cable, Velvet earpads

Item Number: K171 MKII 2908X00190



K240 MKII

PROFESSIONAL STUDIO HEADPHONES

EVERYBODY'S DARLING

for precision listening, mixing and mastering

The K240 MKII professional over-ear, semi-open headphones are a long-time standard in studios, in orchestras and on stages around the world. Its advanced Varimotion 30 mm XXL transducers deliver solid low end, accurate mids and crystal-clear highs. The semi-open design provides the airiness of open headphones with the powerful bass response of closed designs.

For more than three decades, professional engineers and musicians have made the K240 the most widely used headphones in studios and at live consoles around the world.

- **Over-ear design**
for comfort during long work sessions
- **Semi-open technology**
for solid bass and airy highs
- **Patented Varimotion 30 mm XXL transducer**
for accurate signal transfer and great dynamic range
- **Self-adjusting headband**
for optimum fit
- **The choice of professionals around the world**
stage and studio standard for more than two decades

Included accessories: EK500 Coiled cable, EK300 Straining cable, Velvet earpads

Item Number: K240 MKII 2058X00190



K240 STUDIO

PROFESSIONAL STUDIO HEADPHONES

CLASSIC CANS

for precision listening, mixing and mastering

The K240 Studio professional over-ear, semi-open studio headphones are designed for professional applications such as mixing, mastering and playback. The advanced XXL transducers with Varimotion diaphragms deliver a wide dynamic range, increased sensitivity and high sound levels. The semi-open design provides a solid bass range and extremely clear highs. The over-ear pads envelop the ears nicely making them extremely comfortable to wear.

The K240 Studio features a professional mini XLR connector, allowing for quick replacement of the cable. The 3 m cable included provides a convertible jack plug for easily connecting portable equipment.

- **Over-ear design**
provides high wearing comfort for long working sessions
- **Semi-open technology**
for solid bass and clear highs
- **Patented Varimotion 30 mm XXL transducer**
for accurate signal transfer and great dynamic range
- **Self-adjusting headband**
for optimum fit
- **Single sided cable**
for ease of use

Item Number: K240 Studio 2058X00130



K141 MKII

PROFESSIONAL STUDIO HEADPHONES

EASY INTONATION

for superior vocal recordings

The K141 MKII professional semi-open, on-ear headphones are an advanced version of the legendary K141 headphones, ideal for studio monitoring. The patented 30mm XXL transducers with Vari-motion technology deliver higher sensitivity, a wide dynamic range and an incredible SPL. Optimized for single-ear use as well, they deliver familiar sound and makes intonation easy.

The K141 MKII headphones feature gimbal suspended leatherette and velvet ear cups and a self-adjusting headband for great fit and maximum comfort, even in long work sessions. A professional mini XLR connector allows quick replacement of the cable.

- **On-ear, semi-open design**
for solid base and airy highs
- **Optimized for single-ear use**
keeps the familiar sound and makes intonation easier
- **Patented Varimotion 30mm XXL transducer**
for accurate signal transfer and great dynamic range
- **Leatherette and velvet ear pads**
for maximum wearing comfort
- **Self-adjusting headband**
for optimum fit and ease of use

Included accessories: EK500 Coiled cable, EK300 Straing cable

Item Number: K141 MKII 2144X00190



K121

HIGH-PERFORMANCE STUDIO HEADPHONES

COST-EFFICIENT THRILLS

for monitoring and playback in studio

The K121 MKII professional on-ear semi-open headphones are a cost-effective alternative to the K141 MK IIs for studio monitoring and playback. Designed for single-ear use, they deliver familiar sound and make intonation easy.

The K121 MKII headphones feature gimbal-suspended leatherette ear cups for easy cleaning. The self-adjusting headband makes them comfortable to wear and easy to use, even in long work sessions. The K121 MKIIs come with a fixed, single-sided, straight cable.

- **On-ear, semi-open design**
for solid bass and airy highs
- **Optimized for single-ear use**
for familiar sound and easier intonation
- **Self-adjusting headband**
maximum comfort for long work sessions

Item Number: K121 2144X00170



K99 PERCEPTION

HIGH-PERFORMANCE
HEADPHONES

VALUE FOR MONEY

for project studios and rehearsals

The K99 Perception high-performance over-ear, semi-open headphones combine excellent sound quality and an astounding price/performance ratio. Their large, high-performance 40mm (1-7/12") speakers provide a natural, uncolored sound, ideal for project studios.

The K99 Perception features gimbal-suspended leatherette ear cups for easy cleaning. The self-adjusting, lightweight headband ensures a pleasant fit for long hours. The K99s come with a 3m (9-3/4ft) fixed, straight cable, including convertible jack plug.



K77 PERCEPTION

STUDIO HEADPHONES

CONVINCINGLY POWERFUL

for project studios and rehearsal

The K77 Perception over-ear, closed headphones provide powerful sound at an amazing value, perfect for home and project studios. These closed-back headphones are an all-around performer, offering an accurate listening experience.

K77 Perception headphones include comfortable leatherette ear pads and a self-adjusting headband, allowing extended wear without discomfort. They come with a 2.5m (8ft), fixed, straight cable, including convertible jack plug.



K44 PERCEPTION

STUDIO HEADPHONES

FEEL LIKE A PRO

for project studios and rehearsals

The K44 Perception over-ear, closed headphones provide excellent sound with a powerful low end and clean highs. They offer pure listening experience for different applications, like project studios and home recording.

The K44 Perception headphones include comfortable leatherette ear pads and a self-adjusting headband that allow extended wear without discomfort. They come with a 2.5m (8ft), fixed, straight cable including convertible jack plug.

- **Over-ear, semi-open design**
for well-balanced sound quality
- **Large, high-performance 40mm (1-7/12") speakers**
provide a natural, uncolored sound.
- **Extremely lightweight**
for excellent comfort
- **Leatherette ear pads**
for easy cleaning

Item Number:

K99 Perception 6000H09230

- **Over-ear, closed design**
for high comfort
- **Large, high-performance 40mm (1.6") speakers**
provide a powerful and convincing sound
- **Extremely lightweight**
for excellent comfort

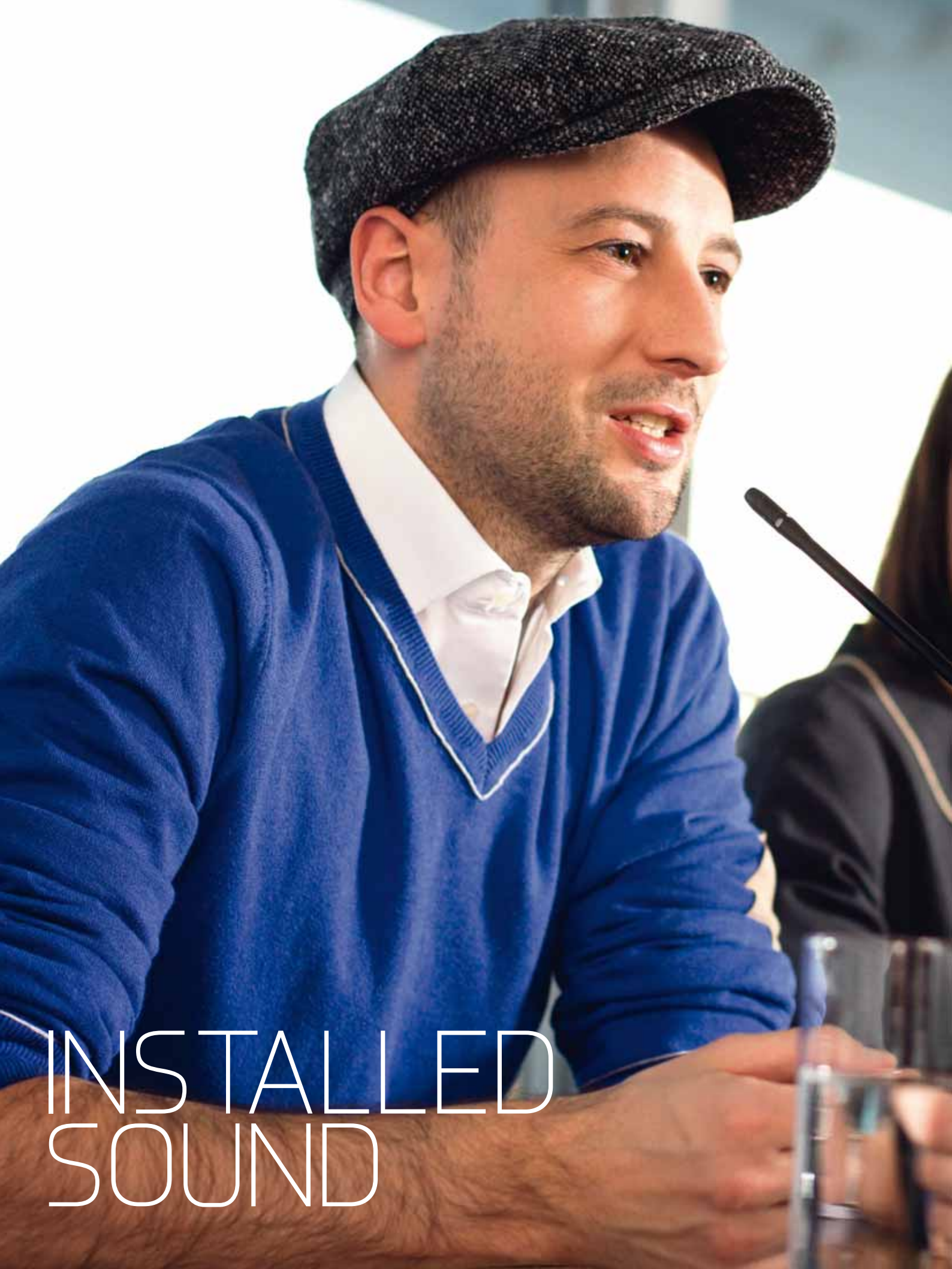
Item Number:

K77 Perception 6000H09210

- **Over-ear, closed design**
for high comfort
- **Solid bass and clean highs**
for well-balanced sound quality
- **Leatherette ear pads**
for easy cleaning

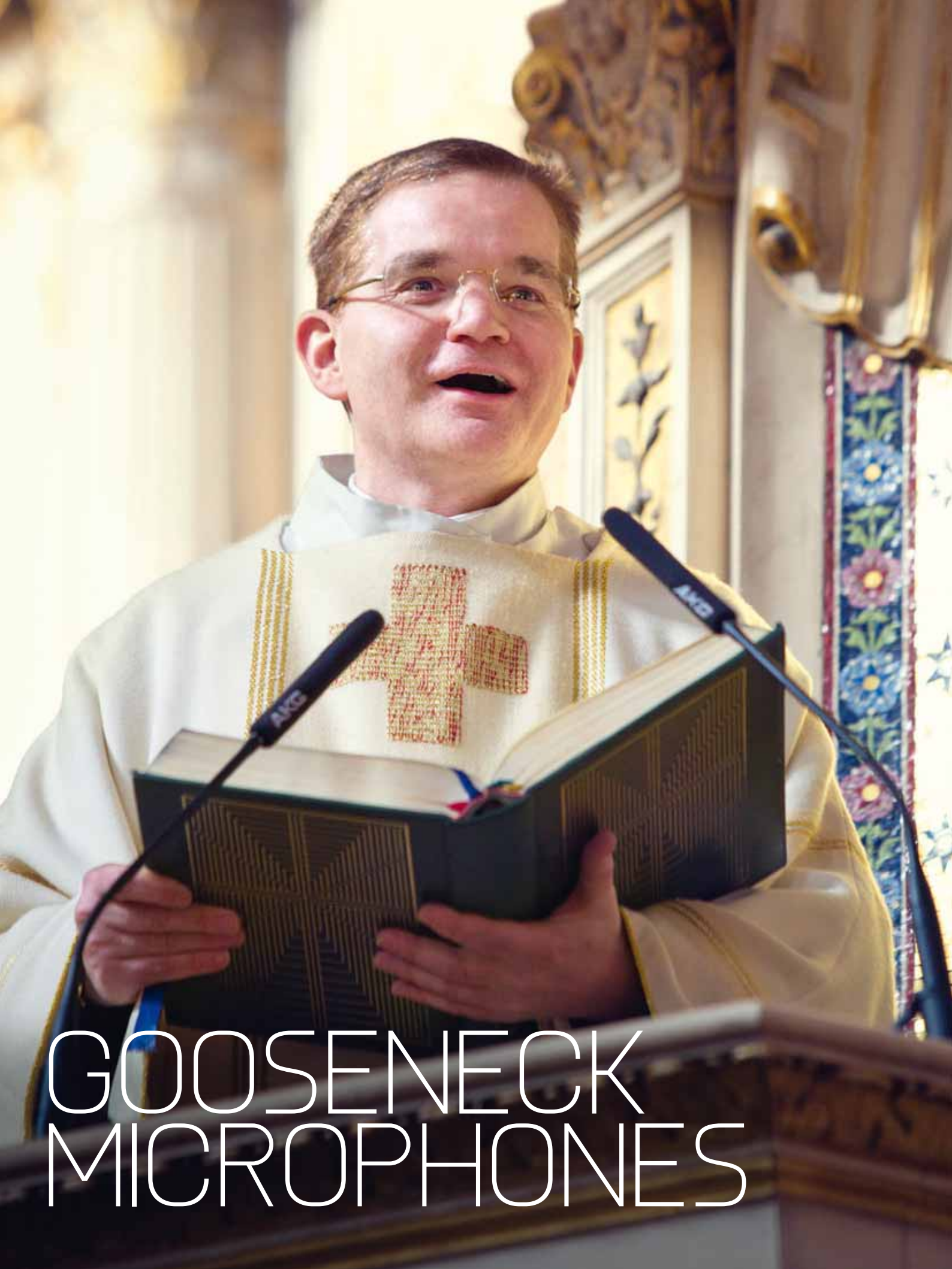
Item Number:

K44 Perception 6000H09170



INSTALLED
SOUND





GOOSENECK
MICROPHONES

DISCREET SOUND SPECIALIST



Gooseneck microphones are often overlooked but they are high performing electro-acoustic devices which carry out difficult work discreetly and reliably. They have to function flawlessly in demanding situations with very different, often inexperienced speakers yet at the same time deliver perfect speech clarity. AKG gooseneck microphones have been in continuous use at international meetings, conferences, summits, in parliaments and churches for more than three decades.

Recognized internationally as the industry standard, microphones from the Discreet Acoustics Modular Series are renowned worldwide for their durability, reliability and flexibility. Their rapidly changeable capsules not only allow optimal adaptation to different rooms and speakers, but they also enable quick microphone capsule exchange if, in exceptional circumstances, anything should go wrong.

< CK47

The CK47 capsule offers studio-quality audio and clean off-axis response. It is an ideal tool for inexperienced speakers and wherever professional studio sound is required.



ERWIN HERZOG, PROJECT MANAGER AT KILCHENMANN, SWITZERLAND

For the Swiss Stock Exchange Project we chose AKG products for their high quality, high gain before feedback, and flexibility. AKG even created special versions to our specifications for this important project. Together we managed to hand over the project on time in spite of the close deadline and still fulfilled all of the client's requirements and wishes.

DAM+ Series

REFERENCE MODULAR INSTALLED MICROPHONES

EXECUTIVE MODULARITY

*for use in theatres, houses of worship
and conference rooms*

The DAM+ (Discreet Acoustics Modular) Series is the logical evolution of AKG's renowned DAM Series of installed microphones. Targeting the premier league of the installation market, literally everything became even better with the DAM+ Series. Its slimmer design and improved audio quality are a perfect fit in the high-end market.

An additional interface between gooseneck module and phantom power adapter means added modularity and flexibility, resulting in significant advantages throughout the distribution chain, with fewer variations need to be stocked. The added modularity and new accessories enable solutions for applications never before dreamed of. With just a few components on hand, it allows a nearly unlimited number of useful combinations.

The DAM+ Series microphones are reference electro-acoustic devices which carry out difficult work discreetly and reliably.

All Products share these features:

- **Sophisticated staple capsule technology**
for studio-quality audio performance
- **Wide frequency range**
for perfect studio sound
- **Integrated LED ring indicator**
for full control of the system status
- **Added modularity**
enables solution for applications never before dreamed of
- **RFi Shield technology**
provides high immunity to radio-frequency interference (e.g. mobile phones)



CK49

REFERENCE SHOTGUN
CONDENSER CAPSULE



INCREASED INTELLIGIBILITY

for lectern, presentations and theatre-applications

The CK49 is a reference condenser capsule with an 80° pickup angle and clean off-axis response. It is an ideal tool for inexperienced speakers; when people talk into the microphone from greater distances it focuses on the voice, and when they talk into it from very short distances it reduces pop-noise. Its special capsule is a further development of the legendary CK47 capsule. Like its predecessor, it has been designed using AKG's unique staple technology for brilliant studio-quality audio performance.

The CK49 capsule is integrated into an extremely slim and rugged metal housing. It fits all gooseneck modules of the DAM+ Series as well as the HM1000 M hanging module. To prevent contact problems the capsule is equipped with large-area, self-cleaning, gold-plated contacts with deep threads to prevent misalignment and ensure extra-long life. The CK49 comes complete with a windscreen that efficiently reduces wind and pop noise.

- **Tight, hypercardioid polar pattern**
eliminates off-axis noise
- **80° pickup angle**
for inexperienced speakers and greater distances
- **Sophisticated staple capsule technology**
for studio-quality audio performance
- **Highly reliable capsule contacts**
prevent contact problems and ensure extra-long life
- **Highly efficient windscreen**
reduces wind and pop noise

Included accessories: Windscreen

Item Number: CK49 3165Z00030



CK43

REFERENCE
CONDENSER CAPSULE



CK41

REFERENCE
CONDENSER CAPSULE



BETTER FOCUS

for theatres, houses of worship and parliaments

The PAE5 M reference phantom power module for fixed and mobile installation provides a five-pin XLR connector that allows the audio signal and the control voltage for a LED ring to be fed separately. Thus, the LED ring can be activated remotely by, for example, a 12-48V logic output from any automatic mixer to show the “mic on” status. With its wide voltage range the module will fit most available microphone mixers.

The PAE5 M features a bass roll off for reduction of structure-borne noise. Its integrated system connector with gold-plated contacts securely fits all available gooseneck modules of the DAM+ Series as well as the HM1000 M hanging module.

ENHANCED VERSATILITY

for discussions, round table and press conferences

The CK41 is a reference condenser capsule with a wide cardioid polar pattern and a speech optimized frequency response. The cardioid is the most popular polar pattern, since it can be used almost universally. The 125° pickup angle is especially suited for inexperienced or very vivacious speakers as well as applications where more than one person uses the microphone in turn.

The CK41 capsule is integrated into an extremely slim and rugged metal housing. It fits any mounting module of the DAM+ Series. To prevent contact problems, the capsule is equipped with large-area, self-cleaning, gold-plated contacts with deep threads to prevent misalignment and ensure extra-long life. The CK41 comes complete with a highly efficient windscreen.

- **Sophisticated staple capsule technology**
for studio-quality audio performance
- **Supercardioid polar pattern**
eliminates noise from the sides
- **95° pickup angle**
perfect where people talk from greater distances
- **Highly reliable capsule contacts**
prevent contact problems and ensure extra-long life
- **Wide frequency range**
for speech-optimized audio performance

Included accessories: Windscreen

Item Number: CK43 3165Z00020

- **Cardioid polar pattern**
eliminates noise from the rear side
- **125° pickup angle**
for inexperienced or very vivacious speakers
- **Highly reliable capsule contacts**
prevent contact problems and ensure extra-long life
- **Highly efficient windscreen**
reduces wind and pop noise equally
- **Sophisticated staple capsule technology**
for studio-quality audio performance

Included accessories: Windscreen

Item Number: CK41 3165Z00010



GN M

REFERENCE
GOOSENECK MODULE

GREATER FLEXIBILITY

for discussion-systems, lectern, theatres and houses of worship

The DAM+ Series premium gooseneck modules for permanent and mobile installation are available in three different lengths: 165mm (6.5in), 300mm (11.8in) or 500mm (19.7in). The extremely slim and rugged gooseneck modules feature an LED ring which indicates whether the phantom power is on or off. A special light-ring expander comes with every DAM+ gooseneck module to improve the visibility of the LED ring if necessary.

For quick setup and maximum flexibility all gooseneck modules come with a DAM+ Series system connector. This high quality connector with gold-plated contacts reliably fits all available phantom power modules. The gooseneck module is compatible with all DAM+ Series capsules, CK41, CK43, CK49 via self-cleaning contacts. Their extremely deep thread groove prevents misalignment and ensures a long useful life of all DAM+ components.

- **Extremely rugged gooseneck construction**
for an extra-long life of reliability and stability
- **Highly reliable contacts for capsule modules**
prevent contact problems and ensure extra-long life
- **Integrated switchable LED ring**
to show system status
- **Integrated system connector**
helps save stock keeping costs
- **Broad assortment of mounting accessories available**
for quick and hassle-free installation

Included accessories: LED ring expander

Item Number:

GN15 M	3165H00080	165mm (6.5in)
GN30 M	3165H00090	300mm (11.8in)
GN50 M	3165H00100	500mm (19.7in)



GN155 M

REFERENCE GOOSENECK
FLOOR STAND



HM1000 M

REFERENCE HANGING
MODULE

MORE ELEGANCE

or presentations, houses of worship and choir recordings

The GN155 M is a reference 1490mm (58.7in) gooseneck module with a heavy, shock-mounted floor stand. It works perfectly as a stand-alone unit on stages or placed in front of a lectern as well as for pickup of violins and other instruments. An integrated light-ring shows the status of the microphone at a glance. A special light-ring expander comes with every DAM+ gooseneck module to improve the visibility of the LED ring if needed.

The GN155 M has an attached 10m (33ft) cable with a DAM+ Series system connector, fitting all available phantom power modules. The gooseneck module is compatible with all DAM+ Series capsules, CK41, CK43, CK49 via highly reliable contacts.

SPECIAL DISCRETION

for theatres, houses of worship and broadcast applications

The HM1000 M is a reference hanging module compatible with all capsules of the DAM+ Series (CK41, CK43 and CK49). It is used to fly microphones from the ceiling to record music or speech in places of worship or conference rooms, or on theater stages. An integrated switchable light-ring shows the status of the microphone at a glance. A special light-ring expander comes with every DAM+ hanging module to improve the visibility of the LED ring if necessary.

The HM1000 M provides a 10m (33ft) special cable that will not tend to twist, even if the temperature varies. A spring steel hanging clamp for precise microphone alignment is also included in the package. The integrated system connector fits all available phantom power modules of the DAM+ Series.

- **Elegant, low profile floor stand**
fitting all environments
- **Integrated switchable LED ring**
to show system status
- **Extremely rugged gooseneck construction**
for an extra-long life of reliability and stability
- **Quick-absorbing rubber shock mount**
for optimum suppression of structure-borne noise
- **Highly reliable contacts for capsule modules**
prevent contact problems and ensure extra-long life

Included accessories: LED ring expander, floor stand

Item Number: GN155 M 3165H00240

- **Twist-free 10m cable included**
to fix and secure the designated mic position
- **Highly reliable contacts for capsule modules**
prevent contact problems and ensure extra-long life
- **Spring clamp for vertical adjustment**
allows quick and hassle-free installation
- **Integrated switchable LED ring indicator**
for full control of the installation status
- **Ingenious system connector interface**
adapter adds flexibility to all mounting modules

Included accessories: LED ring expander, hanging clamp

Item Number: HM1000 M 3165H00250



PAESP M

REFERENCE POWERING MODULE

INNOVATIVE INGENUITY

for small discussion-systems, lectern and press conferences

The DAM+ Series PAESP M is a program-mable phantom power module for fixed and mobile installation. With its wide voltage range the module will fit most available microphone mixers. It comes with a unique BCD (binary coded decimal) switch to recall one of the operating modes. Several functions can be adjusted, e.g. bass roll off, LED ring mode (on, off, follow mic function) as well as the mic switch mode (push to mute, push to talk, push on – push off). The PAESP M features a completely noiseless microphone switch. Rather than actually disconnecting the signal, it reduces the level by 26dB, thus avoiding the irritating crackling sound when phantom powering is interrupted. The switch is inconspicuously placed but easily accessible for simple handling even by inexperienced talkers. The integrated system connector with gold-plated contacts securely fits all available mounting modules of the DAM+ Series.

- **Programmable on/mute/off switch**
offers noiseless switching
- **Selectable operating modes**
for switchable bass roll off and light-ring function
- **RFi Shield technology**
provides high immunity to radio-frequency interference
- **Accepts 9-52V input**
for almost any available mixer inputs
- **Feeds all DAM+ Series capsules**
for highest flexibility

Item Number: PAESP M 3165H00170



PAE5 M

REFERENCE POWERING MODULE

EXTENDED CONNECTIONS

for podium discussions, houses of worship and broadcast applications

The PAE5 M reference phantom power module for fixed and mobile installation provides a five-pin XLR connector that allows the audio signal and the control voltage for a LED ring to be fed separately. Thus, the LED ring can be activated remotely by a 9-52V logic output from any automatic mixer to show the “mic on” status. With its wide voltage range the module will fit most available microphone mixers.

The PAE5 M features a bass roll off for reduction of structure-borne noise. Its integrated system connector with gold-plated contacts securely fits all available gooseneck modules of the DAM+ Series as well as the HM1000 M hanging module.

- **Extra feeding of LED ring to show mic status** for use with automixers including logic outputs
- **Highly reliable contacts to mounting modules** prevent contact problems and ensure extra-long life
- **RFi Shield technology**
provides high immunity to radio-frequency interference
- **Feeds all DAM+ Series capsules**
for highest flexibility
- **Switchable bass roll off**
for reduction of body noise and proximity effect

Item Number: PAE5 M 3165H00160



PAE M

REFERENCE POWERING MODULE

EXPANDED RELIABILITY

for conference, houses of worship and theatre applications

The PAE M reference phantom power module for fixed and mobile installation provides a gold-plated three-pin XLR connector. With its wide voltage range the module will fit most available microphone mixers. The module also features a 250 Hz bass roll off for reduction of structure-borne noise.

The PAE M comes with an integrated system connector with gold-plated contacts. This unique connection securely fits all available gooseneck modules of the DAM+ Series as well as the HM1000 M hanging module.

- **Feeds all DAM+ Series capsules**
for highest flexibility
- **RFi Shield technology**
provides high immunity to radio-frequency interference
- **Accepts 9-52V input**
for almost any available mixer inputs
- **Switchable bass roll off**
for reduction of body noise and proximity effect
- **Highly reliable contacts to mounting modules** prevent contact problems and ensure extra-long life

Item Number: PAE M 3165H00150

DAM+ ACCESSORIES



ST6

The ST6 is a heavy duty table stand for universal use. It provides two professional 3-pin SLR connectors as audio interface. The ST6 is compatible with wide range of microphones, e.g. the gooseneck microphones of the 99er and DAM+ series. Due to its heavy weight it is very well shock absorbing and holds the microphone firm on place.

Item number: ST6 2966H00040



STS DAM+

The STS DAM+ is a heavy duty table stand with extremely good shock absorbing properties. It provides a 4 pin connector compatible with all DAM+ Series goosenecks as well as with the gooseneck microphones of the CS3 discussion system. The STS DAM+ features an extremely rugged switch which can be programmed to the following functions: push to talk, push to mute, push on/off, low cut on/off. The status of the microphone is displayed by an LED square.

Item number: STS DAM+ 2966H00030



MF M

The MF M is a flush-mount module that efficiently reduces body noise from tables. Its slim design can integrate each powering module of the DAM+ Series and allows the microphones to be detached when not in use. A special blind cap seals the connector outlet, leaving an attractive flush interface in the table and simultaneously sealing the connector to protect it against dust.

Item number: MF M 3165H00220



UWA9 M

The UWA9 M is a holder for wireless body-pack transmitters. It fits perfectly on the GN155 M floor stand gooseneck module. In combination with the MK150 ML it creates a wireless floor stand microphone for presentations or for choir and instrumental recording. The rugged metal plate is covered with foam to prevent scratching the transmitter housing. A universal Velcro strip is used to hold any AKG wireless body-pack transmitter.

Item number: UWA9 M 3165H00280



W40 M

The W40 M is a reference windscreen with the highest performance in its class. Two layers of mesh and a combination of foam reduce wind and pop noise to a minimum. Its rugged wire-mesh grill securely protects the microphone even under rough day-to-day usage. The W40 M is compatible with the CK41 and CK43 capsules from the DAM+ Series.

Item number: W40 M 3165H00290

DAM Series

HIGH-PERFORMANCE MODULAR
INSTALLED MICROPHONES

PROVEN RELIABILITY

*for use in houses of worship, conference
rooms and theatres*

The DAM (Discreet Acoustics Modular) Series is a range of high-performance installed microphones which have proven its worth for many years world-wide. It brilliantly fulfills the three key requirements that are essential for sound system applications: modularity, reliability and a low profile.

The DAM Series offers a choice of five capsule modules with different polar patterns and frequency responses. A wide range of goosenecks and special-purpose installation modules make this microphone series extremely versatile and easy to use.

The excellent response and extremely good intelligibility make the DAM Series the first choice whenever quality and reliability have top priority.

All Products share these features:

- **Extremely rugged gooseneck construction**
for an extra-long life of reliability and stability
- **Integrated LED ring indicator**
for full control of the system status
- **Switchable bass roll off**
for reduction of body noise and proximity effect
- **Highly reliable contacts for capsule modules**
prevent contact problems and ensure extra-long life
- **Broad assortment of mounting accessories available**
for quick and hassle-free installation



CK33

HIGH-PERFORMANCE
CONDENSER CAPSULE



FULL FOCUS

for use in conference and house-of-worship applications

The CK33 is a high-performance hypercardioid condenser capsule and a good choice in situations when noise comes from the sides or people talk into the microphone from greater distances.

The CK33 capsule is integrated into a rugged metal housing and fits any mounting module of the DAM Series. To prevent contact problems, the capsule is equipped with large-area, self-cleaning, gold-plated contacts with deep threads to prevent misalignment and ensure extra-long life. The package includes a special two-part windscreen, which reduces wind and pop noise.

- **Highly efficient 2-in-1 windscreen**
reduces wind and pop noise
- **Wide frequency range**
for a speech-optimized audio performance
- **Hypercardioid polar pattern**
eliminates noise from the sides
- **95° pickup angle**
perfect when people talk from greater distances
- **Highly reliable capsule contacts**
prevent contact problems and ensure extra-long life

Included accessories: W30 Windscreen

Item Number: CK33 2765X00220



CK32

HIGH-PERFORMANCE
CONDENSER CAPSULE



OMNISENSITIVE VIRTUOSO

for use in theater and surveillance applications

The CK32 is a high-performance omnidirectional condenser capsule and an excellent choice for situations requiring ambience pickup, like surveillance and recording applications.

The CK32 capsule is integrated into a rugged metal housing and fits any mounting module of the DAM Series. To prevent contact problems the capsule is equipped with large-area, self-cleaning, gold-plated contacts with deep threads to prevent misalignment and ensure extra-long life. The package includes a special two-part windscreen, which reduces wind and pop noise.

- **Highly efficient 2-in-1 windscreen**
reduces wind and pop noise
- **Wide frequency range**
for a speech-optimized audio performance
- **Omnidirectional polar pattern**
high sensitivity in all directions
- **360° pickup angle**
for ambient recording and surveillance applications
- **Highly reliable capsule contacts**
prevent contact problems and ensure extra-long life

Included accessories: W30 Windscreen

Item Number: CK32 2765H00210



CK31

HIGH-PERFORMANCE
CONDENSER CAPSULE



ALL-ROUND GENIUS

for use in conference and house-of-worship applications

The CK31 is a high-performance condenser capsule with a wide cardioid polar pattern, especially designed for inexperienced speakers and applications where more than one person uses the microphone in turn.

The CK31 capsule is integrated in a rugged metal housing and fits any mounting module of the DAM Series. To prevent contact problems, the capsule is equipped with large-area, self-cleaning, gold-plated contacts with deep threads to prevent misalignment and ensure extra-long life. The package includes a special two-part windscreen, which efficiently reduces wind and pop noise.

- **Cardioid polar pattern**
eliminates noise from the rear
- **125° pickup angle**
for inexperienced or very vivacious speakers
- **Highly reliable capsule contacts**
prevent contact problems and ensure extra-long life
- **Highly efficient two-in-one windscreen**
reduces wind and pop noise equally
- **Wide frequency range**
for a speech-optimized audio performance

Included accessories: W30 Windscreen

Item Number: CK31 2765H00200



CK47

HIGH-PERFORMANCE
SHOTGUN CONDENSER
CAPSULE



CK80

HIGH-PERFORMANCE
SHOTGUN CONDENSER
CAPSULE



SUMMIT OF SOUND

for use in conference, house-of-worship and theater applications

The CK47 is a high-performance condenser capsule with an 80° pickup angle, studio-quality audio and clean off-axis response. It is an ideal tool for inexperienced speakers and wherever professional studio sound is required.

The CK47 capsule is integrated into rugged metal housing and fits any mounting module of the DAM Series. To prevent contact problems, the capsule is equipped with large-area, self-cleaning, gold-plated contacts with deep threads to prevent misalignment and ensure extra-long life. The CK47 comes complete with a W70 windscreen that reduces wind and pop noise.

FOCUS OF THE PUBLIC

for use in conference, house-of-worship and theater applications

The CK80 high-performance shotgun capsule provides an 80° pickup angle and offers a speech-optimized frequency response. It offers an unbeatable price/performance ratio and good speech intelligibility in acoustically critical applications.

The CK80 capsule fits any mounting module of the DAM Series. To prevent contact problems, the capsule is equipped with large-area, self-cleaning, gold-plated contacts with deep threads to prevent misalignment and ensure extra-long life. The CK80 comes complete with a professional windscreen that reduces wind and pop noise.

- **Highly reliable capsule contacts**
prevent contact problems and ensure extra-long life
- **Highly efficient 2-in-1 windscreen**
reduces wind and pop noise
- **Tight, hypercardioid polar pattern**
eliminates noise from the sides
- **80° pickup angle**
for inexperienced speakers and greater distances
- **Legendary AKG C747 sound**
for studio-quality audio performance

Included accessories: W70 Windscreen

Item Number: CK47 2765Z00230

- **Tight, hypercardioid polar pattern**
eliminates noise from the sides
- **Speech-optimized frequency response**
for excellent intelligibility in acoustically critical environments
- **Highly reliable contacts for capsule modules**
prevent contact problems and ensure extra-long life

Included accessories: W80 Windscreen

Item Number: CK80 2765Z00240



GN155 SET
HIGH-PERFORMANCE
GOOSENECK FLOOR STAND

SMART SOLUTION

for on-stage use or in front of a lectern

The GN155 is a 155cm (4ft 11in) gooseneck module with a heavy, shock-mounted floor stand, suitable for stand-alone use on stages or placed in front of a lectern. A supplied screw-on extension tube can be used to raise the microphone for tall users and in choir applications. The GN155 has an attached 10m (33ft) cable with XLR phantom power adapter. It is excellently suited for use as a lectern microphone in houses of worship and meeting halls.

The gooseneck module fits all DAM Series capsules, CK31, CK32, CK33, CK47 and CK80, via highly reliable contacts.



HM1000
HIGH-PERFORMANCE
HANGING MODULE

HANG LOOSE

for use in houses of worship and theaters

The HM1000 is used to fly microphones from the ceiling to pick up music or speech in houses of worship and conference rooms and on theater stages. The HM1000 provides a 10m (33ft) cable, specially treated to reduce twisting, even if the environment temperature varies. A spring steel hanging clamp for precise microphone alignment keeps the microphone securely in position. A switchable LED ring helps the sound engineer in monitoring system function during the soundcheck.

The hanging module fits all DAM Series capsules, CK31, CK32, CK33, CK47 and CK80, via highly reliable contacts.

- **Low-profile floor stand gooseneck module**
for permanent installations and mobile applications
- **Extremely rugged gooseneck construction**
for an extra-long life of reliability and stability
- **Quick-absorbing rubber shock mount**
for optimum suppression of structure-borne noise
- **Highly reliable contacts for capsule modules**
prevent contact problems and ensure extra-long life
- **Optional extension tube available**
raises the microphone for tall users or choir pickup

Included accessories: ST305 Table stand

Item Number: GN155 Set 2765H00180

- **Mounting module for hanging microphones**
for unobtrusive pickup in difficult places
- **Twist-free 10m cable included**
to fix and secure the designated mic position
- **Highly reliable contacts for capsule modules**
prevent contact problems and ensure extra-long life
- **Special mounting accessories included**
for quick and hassle-free installation
- **Integrated LED ring indicator**
for full control of the installation status

Item Number: HM1000 2765H00100



GN

HIGH-PERFORMANCE GOOSENECK MODULE

RUGGED AND DISCREET

for permanent installations

The DAM Series GN gooseneck modules for permanent screw-on installation are available in three different lengths: 15cm (6in), 30cm (12in), 50cm (20in). Except for the GN30 OC with unterminated cable ends, all come with an in-line XLR phantom power adapter with integrated 250Hz bass rolloff, LED ring and ON/OFF jumper. A mini XLR connector eliminates the need for large holes in the furniture or time-consuming soldering work during installation.

The gooseneck module fits all DAM Series capsules, CK31, CK32, CK33, CK47 and CK80, via highly reliable contacts.



GN E

HIGH-PERFORMANCE GOOSENECK MODULE

SAFE AND SOUND

for fixed and mobile applications

The DAM Series GN E gooseneck modules for fixed and mobile installation comes with an integrated XLR phantom power adapter with 250Hz bass rolloff, LED ring and ON/OFF jumper. It connects to any standard mixer input with 9V – 52V power supply. The DAM Series GN E gooseneck modules are available in three different lengths: 15cm (6in), 30cm (12in), 50cm (20in). They work perfectly with the extensive range of mounting accessories available in the AKG catalog.

The gooseneck module fits all DAM Series capsules, CK31, CK32, CK33, CK47 and CK80, via highly reliable contacts.

- **Discreet, screw-on mounting module**
for permanent installations
- **Detachable phantom power adapter**
eliminates time-consuming soldering work
- **Special mounting accessories included**
for quick and hassle-free installation
- **Extremely rugged gooseneck construction**
for an extra-long life of reliability and stability
- **Highly reliable contacts for capsule modules**
prevent contact problems and ensure extra-long life

Included accessories: Screw Set GN

Item Number:

GN15	2765H00010	160mm/6.3in length
GN30	2765H00030	305mm/12in length
GN30 CS	2765H00270	305mm/12in length
GN30 OC	2765H00050	305mm/12in length
GN50	2765H00080	500mm/20in length
GN50 CS	2765Z00280	500mm/20in length

- **Gooseneck with XLR connector module**
for quick setup and takedown
- **Integrated phantom power adapter**
connects to any standard mixer
- **Integrated LED ring indicator**
for full control of the system status
- **Switchable bass rolloff**
for reduction of body noise and proximity effect
- **Highly reliable contacts for capsule modules**
prevent contact problems and ensure extra-long life

Included accessories: Screw Set GN

Item Number:

GN15 E	2765H00020	160mm/6.3in length
GN30 E	2765H00040	305mm/12in length
GN50 E	2765H00090	500mm/20in length



GN ESP

HIGH-PERFORMANCE GOOSENECK MODULE

INTERACTIVE MOBILITY

for fixed and mobile applications

The DAM Series GN ESP gooseneck modules for fixed and mobile installation features a programmable mute switch that can be set to various functions, e.g. on/off, push-to-talk or push-to-mute. Together with the clearly visible LED ring for MIC ON/OFF indication, the GN ESP modules can serve perfectly as a small-discussion system. The GN ESP gooseneck modules are available in three different lengths: 15cm (6in); 30cm (12in) and 50cm (20in). The electronic circuit design provides high immunity to radio-frequency interference.

The gooseneck module fits all DAM Series capsules, CK31, CK32, CK33, CK47 and CK80, via highly reliable contacts.

- **Programmable on/mute/off switch**
offers basic discussion system functions
- **Gooseneck with XLR connector module**
for quick setup and takedown
- **Programmable LED ring indicator**
provides a clearly visible MIC ON/OFF indication
- **Switchable bass rolloff**
for reduction of body noise and proximity effect
- **RFi Shield technology**
provides high immunity to radio-frequency interference

Included accessories: Screw Set GN

Item Number:

GN15 ESP	2765H00450	160mm/6.3in length
GN30 ESP	2765H00460	305mm/12in length
GN50 ESP	2765H00470	500mm/20in length



GN E5 PIN

HIGH-PERFORMANCE GOOSENECK MODULE

UNRIVALED FLEXIBILITY

for fixed and mobile applications

The GN E 5Pin high-performance gooseneck modules for fixed and mobile installation provide a five-pin XLR connector that allows the audio signal and the control voltage for the LED ring to be fed separately. Thus, the LED ring can be activated remotely by, for example, a logic output from any automatic mixer. The LED ring is extra-large for enhanced visibility.

The DAM Series GN E five-pin gooseneck modules are available in three different lengths: 15cm (6in), 30cm (12in) and 50cm (20in). The gooseneck module fits all DAM Series capsules, CK31, CK32, CK33, CK47 and CK80, via highly reliable contacts.

- **Gooseneck with 5-pin XLR connector module**
for remote control of integrated LED ring
- **Extra-large LED ring indicator**
provides enhanced visible MIC ON/OFF indication
- **Switchable bass rolloff**
for reduction of body noise and proximity effect
- **Extremely rugged gooseneck construction**
for an extra-long life of reliability and stability
- **Highly reliable contacts for capsule modules**
prevent contact problems and ensure extra-long life

Included accessories: Screw Set GN

Item Number:

GN15 E 5Pin	2765Z00390	160mm/6.3in length
GN30 E 5Pin	2765H00400	305mm/12in length
GN50 E 5Pin	2765Z00410	500mm/20in length

COMPACT 99er Series

PLUG 'N' PLAY INSTALLED MICROPHONES

AN EASY JOB

*for use in houses of worship, conference rooms
and theatres*

The 99ers is a unique range of high class microphones for applications where budget, not modularity, is a major consideration. The 99er Series offers a user-friendly system that fulfills its basic functions perfectly. While an excellent price-performance ratio was achieved by focusing on essential features, no compromise was made with regard to the sound of the capsules.

All microphones are equipped with proper RF shielding to meet the high demands for electromagnetic compatibility in everyday installations. The mix of high class acoustics, RF shielding and the rugged all-metal part design makes the 99ers easy to install and absolutely reliable in use.

The 99er Series offer a high class microphone for any application at a remarkable price point.

All Products share these features:

- **Compact solution**
for Plug 'n' Play
- **All metal housing**
withstands the tough requirements of everyday usage
- **Sophisticated RF shielding**
for maximum reliability and excellent audio



CGN99 C

CONDENSER GOOSENECK MICROPHONES



OPEN TO THE PUBLIC

for conference and house-of-worship applications

The CGN99 C/S and CGN99 C/L, part of the 99ers Series, are condenser gooseneck microphones with a cardioid polar pattern. They are specially designed for inexperienced speakers who talk into the microphone from widely varying angles.

The rugged gooseneck is available in two different lengths (C/S: 30cm (12in); C/L: 50cm (20in) and ideal for fixed and mobile installations. CGN99 C/S and CGN99 C/L come with an integrated XLR phantom power adapter with 250Hz bass rolloff. The phantom power adapter connects to any standard mixer input with 9V to 52V power supply.

- **Compact solution**
for plug and play
- **Cardioid polar pattern**
eliminates noise from the rear
- **Two different gooseneck lengths**
30cm (C/S) or 50cm (C/L) available

Included accessories: Windscreen

Item Number:

CGN99C/Large	2965H00130	580mm/23in length
CGN99C/Small	2965H00110	380mm/15in length



CGN99 H

CONDENSER GOOSENECK MICROPHONES



CLOSER TO THE SOURCE

for conference, lecture and house-of-worship applications

The CGN99 H/S and CGN99 H/L, part of the 99ers Series, are condenser gooseneck microphones with a hypercardioid polar pattern. They are a good choice for all situations when unwanted noise arrives from the sides or where people talk into the microphone from greater distances.

The rugged gooseneck is available in two different lengths (C/S: 30cm (12in); C/L: 50cm (20in) and ideal for fixed and mobile installations. CGN99 H/S and CGN99 H/L come with an integrated XLR phantom power adapter with 250Hz bass rolloff. The phantom power adapter connects to any standard mixer input with 9V to 52V power supply.

- **Compact solution**
for plug and play
- **Hypercardioid polar pattern**
perfect where people talk from greater distances
- **Two different gooseneck lengths**
30cm (C/S) or 50cm (C/L) available

Included accessories: Windscreen

Item Number:

CGN99H/Large	2965X00140	580mm/23in length
CGN99H/Small	2965X00120	580mm/23in length



CHM99

HANGING MICROPHONE MODULE



BLACK AND WHITE

for use in houses of worship, conference rooms and theaters

The CHM99, part of the 99ers Series, is a hanging microphone module with cardioid polar pattern, used to record music or speech in houses of worship, conference rooms or on theater stages. The CHM99 is available in black or white.

A 10m (33ft) special cable that is treated specially to reduce twisting to a minimum and a spring steel hanging clamp for precise microphone alignment keeps the microphone securely in its position. The attached phantom power adapter connects to any standard mixer input with 9V to 52V power supply.

- **Compact solution**
for plug and play
- **Wide pickup angle**
for unobtrusive pickup in difficult places
- **Twist-free cable**
to fix and secure the designated mic position
- **Spring steel hanging clamp included**
for quick and hassle-free installation
- **Available in black and white**
blends perfectly into its environment

Included accessories: Windscreen

Item Number:

CHM99 Black	2965H00150	Black color
CHM99 White	2965H00160	White color



CGN321 STS

PROFESSIONAL TABLETOP
MICROPHONE SET

COME CLOSER

for conference tables, courtrooms and houses of worship

The CGN321 STS is a heavy duty professional tabletop microphone with excellent shock absorbing properties. It features a CGN321 condenser gooseneck microphone with a cardioid polar pattern on a slim, 30 cm long gooseneck. This professional microphone is specially designed for inexperienced speakers who talk into the microphone from widely varying angles.

The tabletop microphone provides an extremely rugged switch capable of withstanding more than 25,000 switching cycles. It can be programmed for the following functions: push to talk, push to mute, push on/off and low cut on/off. A LED square clearly indicates the microphone's status. The CGN321 STS comes with a professional, gold plated 3-pin XLR audio output.

-
- **30 cm gooseneck microphone**
for wherever table space is limited
 - **Heavy duty metal housing**
for excellent shock absorbing properties
 - **Programmable switch**
for push to talk, push to mute, push on/off and low cut on/off functions
 - **LED status square**
for clear indication of the microphone status
 - **Gold plated connector**
for long lasting and secure contact

Item Number: CGN321 STS 2966H00010



CGN521 STS

PROFESSIONAL TABLETOP
MICROPHONE SET

KEEP THE DISTANCE

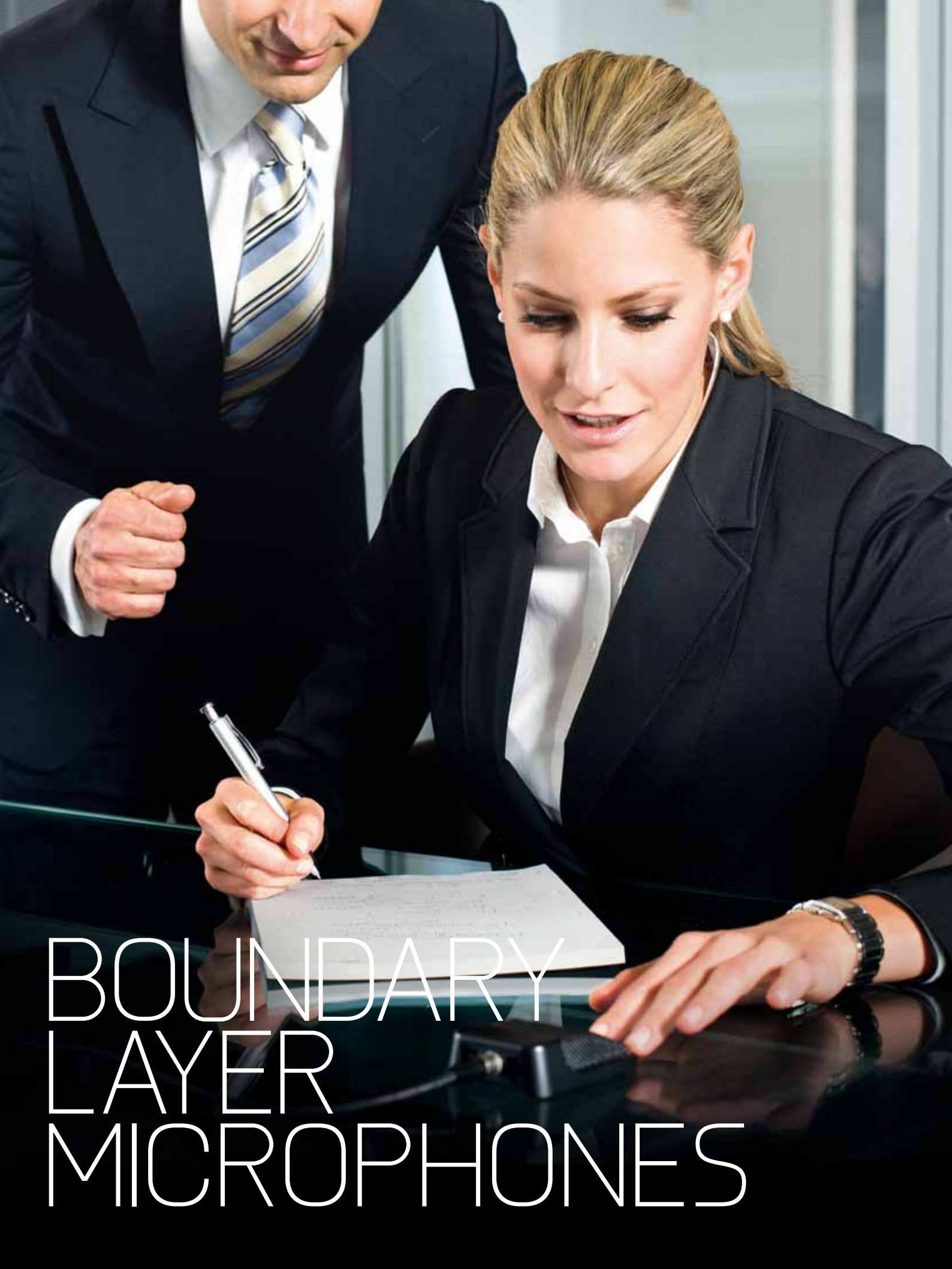
for lecterns, courtrooms and houses of worship

The CGN521 STS is a heavy duty professional tabletop microphone with excellent shock absorbing properties. It features a CGN521 condenser gooseneck microphone with a cardioid polar pattern on a slim, 50 cm long gooseneck. This professional microphone is specially designed for inexperienced speakers who talk into the microphone from widely varying angles.

The tabletop microphone provides an extremely rugged switch capable of withstanding more than 25,000 switching cycles. It can be programmed for the following functions: push to talk, push to mute, push on/off and low cut on/off. A LED square clearly indicates the microphone's status. The CGN521 STS comes with a professional, gold plated 3-pin XLR audio output.

- **50 cm gooseneck microphone**
for big tables and standing applications
- **Heavy duty metal housing**
ensures a firm support for long goosenecks
- **Programmable switch**
for push to talk, push to mute, push on/off and low cut on/off functions
- **LED status square**
for clear indication of the microphone status
- **Gold plated connector**
for long lasting and secure contact

Item Number: CGN521 STS 2966H00020



BOUNDARY LAYER MICROPHONES

ON THE LIMIT OF PERCEPTION

Boundary layer microphones are used anywhere where direct speaking to a microphone for optical or practical reasons is not always possible. For this reason, greater distance to the sound source is compensated for by a physical trick: by mounting the microphone on an acoustic surface, like a floor, wall or ceiling, it is possible to strengthen the sound pressure concentration of the desired signal.

The first such commercially built microphones were manufactured by Crown who coined the now protected name "Pressure Zone Microphones" (PZM) in the 1970s. Today Crown microphones are built and sold by AKG and together they offer the largest range of boundary layer microphones on the market today. The application of these microphones is widespread: radio and recording studios, churches and conference centre intercom systems.



< C547 BL

The C547 BL is a hypercardioid reference boundary layer microphone. The rugged, non-crush case and a switchable bass-cut filter make the C547 an ideal choice for tough on-stage assignments. The highly efficient RFI-Shield technology substantially reduces interference noise due to electromagnetic pollution.



WOLFGANG FRITZ, CHIEF SOUND ENGINEER VIENNA STATE OPERA, AUSTRIA

Our productions demand the best in every aspect: singers, acoustical quality and invisibility of the microphones. We set the standards in the field modern opera productions. That makes AKG our perfect microphone partner as they set the standard in boundary layer technology.



C547 BL

PROFESSIONAL BOUNDARY LAYER
MICROPHONE



LIVE ON STAGE

for houses of worship, theater and bass drum recording

The C547 is a hypercardioid professional boundary layer microphone. The rugged, non-crush case and a switchable bass-cut filter make the C547 an ideal choice for tough on-stage assignments. Using PCC® (Phase Coherent Cardioid®) technology with hypercardioid polar pattern, the microphone provides high directivity and neutral sound. The C547 is built on the same acoustical components as the legendary C747 V11.

Primarily designed for use in houses of worship, theaters and conferencing, the C547 BL is also a good choice for miking kick drums and other instruments. The highly efficient RFI-Shield technology substantially reduces interference noise due to electromagnetic pollution.



PCC160

PROFESSIONAL BOUNDARY LAYER
MICROPHONE



GREAT ACT

theater on stage

The PCC160 is a professional boundary layer microphone and an industry standard stage floor microphone. It's capable of withstanding up to 120dB SPL without distortion. A bass-tilt switch allows the user to tailor the low-end response for particular applications.

PCC® (Phase Coherent Cardioid®) technology uses diaphragms so small that any phase cancellations are above the audible range. This results in a wide, smooth frequency response free of phase interference. The PCC160 uses a supercardioid polar pattern that improves gain before feedback and reduces unwanted room noise from the rear.

- **Hypercardioid polar pattern**
for maximum rejection of disturbing signals
- **Acoustics based on C747 V11**
for wide, smooth frequency response
- **RFI-Shield technology**
reduces interference noise due to electromagnetic pollution
- **Rugged, low profile housing**
withstands the rigors of the stage
- **Paintable grille assembly**
to blend in with stage decoration

Included accessories: W547 Windscreen

Item Number: C547 BL 2447Z00010

- **Supercardioid polar pattern**
for impressive gain before feedback
- **PCC® (Phase Coherent Cardioid®) technology**
for a wide, smooth frequency response
- **Three-position bass-tilt switch**
for optimized body noise suppression
- **Extremely low profile**
for inconspicuous placement on the stage floor
- **Finely crafted, rugged housing**
to withstand the rigors of the stage

Item Number: PCC160 3332H00010



PZM30 D

HIGH-PERFORMANCE
HEMISPHERICAL BOUNDARY LAYER
MICROPHONE



LIVIN' ON THE EDGE

houses of worship, on-stage recording and broadcasting

The PZM30 D high-performance hemispherical boundary layer microphone is a Pressure Zone Microphone® designed for professional recording, sound reinforcement and broadcasting. The capsule is mounted in the “pressure zone”, an area where direct sound and reflected sound are in phase, which provides a 6dB higher sensitivity.

Two selectable frequency responses (flat/rising) provide greater flexibility in mic placement and sonic character. The rising position of the frequency switch adds brilliance and a crisp attack on percussion, drums, or piano. The PZM30 D comes in a very rugged, low-profile, metal housing with detachable cable that makes it sturdy and reliable for heavy duty applications.

- **Hemispherical polar pattern,**
for intelligible pickup of sound from any direction
- **PZM® (Pressure Zone Microphone®) technology**
prevents sound coloration from surface reflections
- **Switchable dual-frequency response**
for greater flexibility in mic placement and sonic character
- **Rugged, low-profile housing**
withstands the rigors of the stage
- **Detachable cable**
easy to install and service

Item Number: PZM30 D 6000H50790



PZM6 D

HIGH-PERFORMANCE
HEMISPHERICAL BOUNDARY LAYER
MICROPHONE



SMALL BUT MIGHTY

music-recording, on-stage and broadcast applications

The PZM6 D high-performance hemispherical boundary layer microphone is designed for many applications, from miking full orchestras or individual musical instruments to security or teleconferencing, as well as film and video productions. A very small metal housing makes the PZM6 D even more inconspicuous than the PZM30 D.

Two selectable frequency responses (flat/rising) provide greater flexibility in mic placement and sonic character. The rising position delivers bright sound without boosting high frequencies on the recording console. The flat position provides a smooth, flat, high-frequency response for natural sound reproduction. The PZM6 D provides a professional XLR connector on a fixed cable.

- **Hemispherical polar pattern**
for intelligible pickup of sound from any direction
- **PZM® (Pressure Zone Microphone®) technology**
prevents sound coloration from surface reflections
- **Switchable dual-frequency response**
for enhanced flexibility in mic placement and sonic character
- **Small, lightweight metal housing**
for mobile and studio applications
- **Fixed cable with XLR connector**
for easy handling

Item Number: PZM6 D 6000H50780



PCC170

PROFESSIONAL BOUNDARY LAYER
MICROPHONE



TAKING CARE OF BUSINESS

for conference and house-of-worship applications

The PCC170 and the PCC170 SW are professional boundary layer microphones with supercardioid polar pattern to minimize background noise and feedback. The microphones are designed for use on boardroom tables or lecterns. Both microphones provide a bass-tilt switch, allowing the user to tailor the low-end response and reduce subsonic noise. The included RFI suppression ensures trouble-free operation even with active cell phones nearby.

The PCC170 SW has a silent-operating programmable membrane switch that can be configured for touch on/off, momentary on or momentary off. For easy installation, both microphones offer an XLR connector and a detachable cable.



PCC130

HIGH-PERFORMANCE BOUNDARY
LAYER MICROPHONE



MAKE YOUR STATEMENT

conference, courtroom and distance-learning applications

The PCC130 and the PCC130 SW are cardioid boundary layer microphones of professional quality that, due to their small size, fit perfectly on small tables. Thanks to low self-noise and very high sensitivity, the microphone picks up even distant voices clearly and naturally. A bass-tilt switch allows the user to tailor the low-end response and reduce subsonic noise.

The PCC130 SW has a silent-operating programmable membrane switch that can be configured for touch on/off, momentary on or momentary off. A high-intensity LED lights when the unit is on. For easy installation, both microphones offer an XLR connector and a detachable cable.

- **Supercardioid polar pattern**
offers high gain before feedback
- **PCC® (Phase Coherent Cardioid®) technology**
for optimum speech intelligibility
- **Three-position bass-tilt switch**
for optimized suppression of subsonic noise
- **Silent-operating on/off switch (PCC170 SW only)**
to reduce the number of simultaneously open mics
- **Detachable cable**
easy to install and service

Item Number:

PCC170	3331H00010	
PCC170 SW	3330H00010	With mute switch
PCC170 SW	6000H50860	With mute switch, non RoHS conform
PCC170 SWO	3329H00010	With mute switch open cable ends
PCC170 SWO	6000H50850	With mute switch open cable ends, non RoHS conform

- **Cardioid polar pattern**
reduces background noise and feedback
- **PCC® (Phase Coherent Cardioid®) technology**
for optimum speech intelligibility
- **Three-position bass-tilt switch**
for optimized suppression of subsonic noise
- **Silent-operating on/off switch (PCC130 SW only)**
to reduce the number of simultaneously open mics
- **Detachable cable**
easy to install and service

Item Number:

PCC130	3334H00010	
PCC130 SW	3333H00010	With mute switch
PCC130 SW	6000H50890	With mute switch, non RoHS conform



PZM185

HEMISPHERICAL BOUNDARY LAYER MICROPHONE



BLENDS IN PERFECTLY

broadcast and video production

The PZM185 is a Pressure Zone Microphone® designed for applications such as group discussions, interviews, broadcast and home video production. The paddle can be detached, which makes it nearly invisible when mounted on tables, floors, walls, lecterns or cameras.

The PZM185 is powered by either an internal AAA 1.5V battery or 12–48V phantom power. It provides a wide, smooth frequency response and is protected against static and RFI. The XLR output is balanced and low-impedance, which allows long cable runs without hum pickup or high-frequency loss.



MB3

HIGH-PERFORMANCE, FLUSH-MOUNT BOUNDARY LAYER MICROPHONE



SPREAD THE WORD

theater, conference, meeting-room and security applications

The MB3 is a high-performance, miniature boundary microphone for flush-mount installation. Thanks to its supercardioid pickup pattern, the MB3 greatly reduces ambient noise and pickup of room reverberation. The result is a clearer, more intelligible sound for applications such as teleconferencing, distance learning, boardrooms, courtrooms and security.

The MB3 provides a three-pin XLR-type, low-impedance, balanced mic-level output and is powered by 12–48V phantom power.

- **Hemispherical polar pattern**
for clear, intelligible pickup of speech
- **Universal power concept**
works with battery or phantom power
- **Low-impedance XLR-type output**
no hum pickup or high-frequency loss

Item Number: PZM185 6000H50800

- **Supercardioid polar pattern**
offers high gain before feedback
- **PCC® (Phase Coherent Cardioid®) technology**
for optimum speech intelligibility
- **Miniature design**
virtually disappears when installed
- **LED indicator**
for clear mic on/off notification
- **Mounts easily into tabletops, walls and ceilings**
for fixed applications

Item Number:

MB3 6000H50920 non RoHS conform
MB3 3336H00010



MB4

MINIATURE BOUNDARY LAYER
MICROPHONE



LITTLE BIG MIC

House-of-worship, conference and ticket-window applications

The MB4 is a miniature boundary microphone for table-top installation. Thanks to its supercardioid pickup pattern, the MB4 greatly reduces ambient noise and pickup of room reverberation. The result is a clearer, more intelligible sound for applications such as teleconferencing, distance learning, boardrooms and courtrooms.

The MB4 has a cable leading to an XLR-type output connector with built-in mic electronics. It is powered by 12–48V phantom power and is low-impedance balanced.



CBL410 PCC

PC MICROPHONE



CONNECTS THE WORLD

for VoIP and teleconferencing applications

The CBL410 PCC is a microphone for use with any PC or laptop. It improves audio quality when conferencing via VoIP. The microphone reproduces the voice with a clear and natural sound. With its 3.5mm stereo jack, it is a real plug-and-play device. No drivers are needed.

Its cascading capability makes the CBL410 PCC the perfect tool for single-person usage in the office and/or for multiperson usage in a meeting room. This microphone provides optimum intelligibility and audio quality for your meetings.

- **Supercardioid polar pattern**
offers high gain before feedback
- **PCC® (Phase Coherent Cardioid®) technology**
for optimum speech intelligibility
- **Removable grille assembly**
can be painted to blend in with furniture
- **LED indicator**
for clear mic on/off notification
- **Balanced, low-Z output**
prevents hum and high-frequency loss

Item Number: MB4 3335H00010

- **Cascadable**
for multiperson use
- **Plug and play**
3.5mm jack connector, no software drivers needed
- **Universal power concept**
works with power from PC's mic input

Item Number:

CBL410 Conference Set black	3177H00110	
CBL410 Conference Set white	3177H00120	
CBL410 PCC Black	3177H00010	Black color
CBL410 PCC White	3177H00020	White color
CBL410 Workstation Set	3177H00130	



CBL99

HEMISPHERICAL BOUNDARY LAYER MICROPHONE



WHAT A BARGAIN

for recording applications

The CBL99 is a hemispherical boundary layer microphone designed to deliver superior results for a multitude of recording applications. The CBL99 is small, lightweight and easy to place. Since the transducer sits in a metal plate only 5mm (0.2 in) thick, the plate doesn't interfere with or color the sound. Frequency response is very uniform within its hemisphere, and it captures the "room sound" of an instrument very accurately.

The CBL99 requires 9V – 52V phantom power. Its output is unbalanced via a professional XLR connector with switchable bass-cut filter.

- **Studio-quality microphone capsule**
offers a sensational price/performance ratio
- **High sensitivity and low self-noise**
to ensure generous headroom in critical situations
- **Extremely small and inconspicuous**
for mobile and installed solutions

Item Number: CBL99 2762X00110



Sound GRABBER II

HEMISPHERICAL BOUNDARY LAYER MICROPHONE



I'M ALL EARS

for home-video production

The Sound Grabber II hemispherical boundary layer microphone utilizes Pressure Zone Microphone® technology in which sound waves reinforce themselves in the area nearest a flat surface. Thus, the Sound Grabber II will pick up sounds at distances with clarity while speakers or vocalists can move freely around the microphone without their tone quality changing.

The Sound Grabber II is powered by an internal AAA 1.5V battery. The 3.5mm jack output is unbalanced and of mid-impedance, which allows it to connect directly to cameras and recorders.

- **Universal power concept**
works with battery or phantom power
- **Mid-impedance phone connector type output**
perfectly fits cameras and recording gear
- **Detachable boundary "paddle"**
for very low profile mounting

Item Number: Sound Grabber II 3321H00010



C562 CM

PROFESSIONAL FLUSH-MOUNT
BOUNDARY LAYER MICROPHONE



INVISIBLE EAR

for recording, courtroom, surveillance and security applications

The C562 CM is a professional flush-mount boundary microphone, designed for permanent, “invisible” mounting in ceilings, walls, tables and stages. Owing to its high sensitivity, the C562 CM is characterized by excellent clarity and a consistent pickup anywhere around the mic.

The C562 CM is a perfect tool for surveillance or live recording. The included XLR phantom power adapter connects to the microphone cable through a miniature connector, so installation holes can be smaller than the diameter of the phantom power adapter.

- **Hemispherical polar pattern**
for clear, intelligible pickup of speech
- **High sensitivity**
for a great pickup area
- **Low-profile, cylindrical design,**
perfect for wall or tabletop installation

Item Number: C562 CM 2262X00030



PZM10

PROFESSIONAL FLUSH-MOUNT
BOUNDARY LAYER MICROPHONE



INCONSPICUOUS ASSISTANT

for ticket-window, courtroom and security applications

The PZM10 and PZM10 LL, part of the Pressure Zone Microphone® line, are designed for security, surveillance, and conference-table use. The special housing design allows the microphones to be mounted into tables, walls or ceilings easily and inconspicuously.

Using Pressure Zone Microphone® technology, the PZM10 and PZM10 LL are highly sensitive and deliver a wide and smooth frequency response. Thus the PZM10 and PZM10 LL are characterized by excellent clarity and a consistent pickup anywhere around the mic.

- **Hemispherical polar pattern**
for clear, intelligible pickup of speech
- **Low-profile, cylindrical design,**
perfect for wall or tabletop installation
- **Choice of mic level output or line-level output (PZM10 LL)**
for optimized level matching
- **PZM10 powered by 12V – 48V phantom power, XLR connector**
connects to all standard mixers with phantom power out
- **PZM10 LL powered by 12V – 24V/DC, unterminated wires**
for the most flexible connectivity

Item Number: PZM10 3328H00010



PZM11

PROFESSIONAL FLUSH-MOUNT
BOUNDARY LAYER MICROPHONE



LISTEN UP

for ticket-window and security applications

The PZM11 professional boundary layer microphone is designed for security and surveillance applications. The PZM11 is characterized by a consistent pickup anywhere around the mic. Low frequencies below the voice range are rolled off to reduce the pickup of heating, ventilation or air-conditioning rumble (HVAC noise). The high-frequency response is boosted slightly to aid clarity and articulation.

The PZM11 has a mic-level output and is powered by 12–48V phantom power. Electronics on the rear of the plate offer screw terminals, eliminating the need for connectors.

- **Hemispherical polar pattern**
for clear, intelligible pickup of speech
- **Low-frequency rolloff**
effectively reduces HVAC rumble
- **Screw terminal**
no need for connectors

Item Number: PZM11 3326H00010



PZM11 LL WR

PROFESSIONAL WEATHER-RESISTANT
HEMISPHERICAL BOUNDARY LAYER MICROPHONE



IT CAN STAND THE RAIN

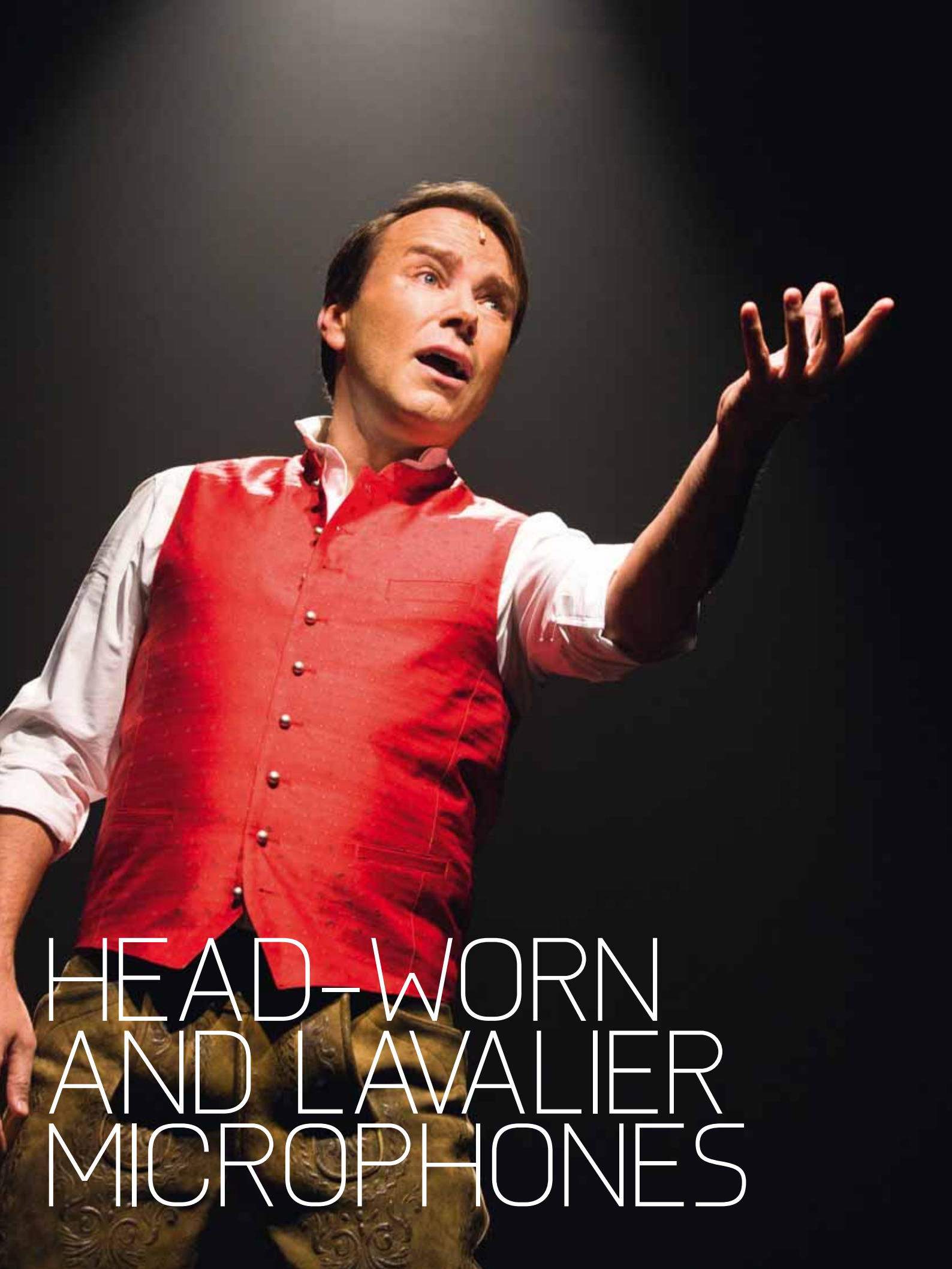
for outdoor intercoms, toll booths and SOS telephones

The PZM11 LL WR is a professional weather-resistant boundary layer microphone designed for fast-food restaurants, outdoor intercoms, toll booths, SOS telephones, theme-park security and the like. A plastic membrane inside the microphone protects the mic capsule from water damage. The PZM11 LL WR will work during and after rainfall. If water freezes on the membrane, the mic's frequency response will change but will return to normal when the ice melts and the membrane dries.

The PZM11 LL WR is powered by 12V –24V DC, provides line-level output and can be plugged directly into a VCR line input without the need for a costly mic preamp.

- **Hemispherical polar pattern**
for clear, intelligible pickup of speech
- **Weather-resistant model**
for outdoor use
- **Line-level output**
connects directly to video recorders

Item Number: PZM11 LL WR 6000H50810



HEAD-WORN AND LAVALIER MICROPHONES

TO HEAR, OR NOT TO HEAR?

When Hamlet recited the almost immortal words “To be, or not to be?” he had to hold a severed head in his hand without a microphone! Theaters, television stations and conference centers, then, are highly dependent on headsets and Lavalier microphones. These tiny lapel mics are not only characterized by their comfort and mounting possibilities on clothing, but they are practically invisible, ensuring freedom of movement and excellent voice clarity.

Discreet headsets from AKG offer a patented self-adjusting headband mechanism which even in sudden or abrupt movements offers a secure grip. The fixed position of the microphone – a constant distance from the mouth – also ensures low feedback and constant signal quality, and the moisture resistant construction ensures superior sound performance with the highest degree of reliability.



< HC577

The HC577 L is an extremely small reference head-worn condenser microphone, designed to deliver superior audio performance. A patented body design protects the microphone from moisture and perspiration. The capsule uses the signal of two vertical diaphragms mounted back to back, mixed out of phase to cancel out mechanical and cable noise.



WOLFGANG “SCHABBACH” NEUMAN, CEO SIRIUS SHOWEQUIPMENT AG, GERMANY

My buying decisions are based on product performance. AKG’s HC577 head-worn mic is rugged, reliable and delivers superior audio quality. Our customers love these mics!



HC577 L

REFERENCE HEAD-WORN
MICROPHONE



NO SWEAT

for theater and broadcast applications

The HC577 L is an extremely small reference head-worn microphone, designed for on-stage use. The microphone uses a CK77 omnidirectional transducer that has been an industry standard for lavalier capsules for years and ensures superior audio performance. A patented body design protects the microphone from moisture and perspiration. The capsule uses the signal of two vertical diaphragms mounted back to back, mixed out of phase to cancel out mechanical and cable noise.

The HC577 L provides a professional three-pin mini XLR connector that fits the body-pack transmitters of all AKG wireless microphone systems.

- **Adjustable headband and left/right selectable boom**
for maximum comfort and flexibility
- **Dual-diaphragm transducer**
for suppression of cable noise
- **Resistant to moisture, perspiration and salts**
withstands sudorific stage performances
- **Interchangeable capsule module**
for quick and easy service
- **Omnidirectional polar pattern**
for unchanging sound quality in all directions

Included accessories: W77 MP Windscreen, Dropring,
PB77 Adaptor

Item Number: HC577 L 3141Z00010



C544 L

HIGH-PERFORMANCE SPORTS
HEAD-WORN CONDENSER
MICROPHONE



1-2-3-4, RUN, TURN HIP AND JUMP

for aerobics and handsfree speech applications

The C544 L high-performance head-worn miniature condenser microphone with an easily fitting headband is perfect for gymnastics instruction and other handsfree speech applications. A transducer shock mount reduces body noise to a minimum and the short microphone arm places the microphone in the right position to the mouth to minimize pop and breathing noise. A special moisture shield on the boom prevents the microphone from being clogged by sweat or makeup.

The C544 L comes with a three-pin mini XLR connector which fits all AKG WMS Series body-pack transmitters. The package also includes a special windscreen.

- **Fully rugged sports headband**
for secure fit in all situations and movements
- **Cardioid polar pattern**
for problem-free use with high ambient noise rejection
- **Flexible shock mount**
for efficient suppression of mechanical and body noise
- **Moisture shield**
ensuring a dry microphone capsule
- **Includes four drop rings**
for sweat and water protection

Included accessories: W444 Windscreen, Dropring

Item Number: C544 L 2793Z00060



CK97

REFERENCE LAVALIER
MICROPHONE



RELIABLE COMPANION

for broadcast and theater applications

The CK97 C/L is a reference condenser lavalier microphone with a consistent cardioid pattern. It ensures minimum ambience pickup and high gain before feedback in live-sound applications, including houses of worship, lectures and theaters. Thanks to its small housing and the included rugged metal clip, it can be inconspicuous, with secure mounting to jackets and costumes.

The CK97 C/L provides a professional three-pin mini XLR connector that fits the body pack transmitters of all AKG wireless microphone systems.



CK77 WR

PROFESSIONAL LAVALIER
MICROPHONE



STANDS HIGH AND DRY

for theater, house-of-worship and broadcast applications

The CK77 WR is an extremely small, omnidirectional professional lavalier microphone. The patented dual-diaphragm capsule has been designed to protect the transducer from moisture and perspiration.

The CK77 WR uses two vertical diaphragms mounted back to back to cancel out mechanical and cable noise by mixing the signals of both capsules out of phase. Its ruggedness and superior sound quality make it an excellent tool for theater and broadcast applications. The screw-on module capsule allows quick and easy service of the microphone. The CK77 WR L is available in three versions, differing in color and connector.

- **Cardioid accurate axial response and uniform pattern control**
for uncolored sound quality and high gain before feedback
- **125° pickup angle**
for inexperienced or very vivacious talkers
- **Professional three-pin, mini XLR connector**
fits all AKG wireless pocket transmitters

Item Number:

CK97 C/L	2497Z00080	for use with B29 L, MPA V-L and all AKG bodypack transmitters
CK97 CVR WL	1400Z00970	with short gooseneck with a male Mini-XLR plug for direct plug into pocket transmitter

- **Dual-diaphragm transducer**
for suppression of cable noise
- **Resistant to moisture, perspiration and salt**
withstands sudorific stage performances
- **Interchangeable capsule module**
for quick and easy service
- **Omnidirectional polar pattern**
for unchanging sound quality in all directions

Included accessories: H40/1 Tie clip, H41 Tie pin, W77 Windscreen

Item Number:

CK77 WR L Black	2441Z00390	with mini XLR connector for use with B29 L, MPA VL and all AKG bodypack transmitters
CK77 WR L Fleshtone	2441Z00400	with mini XLR connector
C577 WR	2441Z00310	with external phantom power adaptor



C417

PROFESSIONAL LAVALIER
MICROPHONE



A HIDDEN SECRET

for theaters, broadcast and conference applications

The C417 is a professional lavalier microphone with omnidirectional polar pattern. Its broadband, flat audio reproduction is ideal for all types of broadcast and theatrical applications. The sound is extremely open and natural, making it ideal for wireless or hardwire multi-mic situations. Thanks to its small housing, it can be inconspicuously and securely attached to jackets and costumes. An attachment clip, tie pin and windscreen are supplied with each C417.

The C417 is available in two versions. The C417 PP features a standard XLR connector while the C417 L provides a professional three-pin mini XLR connector that fits the body pack transmitters of all AKG wireless microphone systems.

CK99 L

CONDENSER LAVALIER
MICROPHONE



HIDE AND SPEAK

for house-of-worship, conference and theater applications

The CK99 L is a condenser lavalier microphone with cardioid polar pattern. It provides a natural sound, with a slight rise above 10kHz for added clarity, perfect for applications in houses of worship, lectures and theaters.

Thanks to its small housing and the included durable metal clip, it can be inconspicuously and securely mounted on jackets and costumes. The CK99 L provides a professional three-pin mini XLR connector that fits the body pack transmitters of all AKG wireless microphone systems.

- **Omnidirectional polar pattern**
for unchanging sound quality in all directions
- **Extremely lightweight and inconspicuous**
for excellent comfort and perfect fit
- **Professional three-pin, mini XLR connector**
fits all AKG wireless pocket transmitters
- **Balanced sound characteristics**
for natural reproduction of instruments

Included accessories: H40/1 Tie clip, H41 Tie pin, Microphone bag, W407 Windscreen

Item Number:

C417 L Black	2577X00080	Black color, for use with B29 L, MPA V-L and all AKG bodypack transmitters
C417 PP Black	2577X00120	Black color, with standard XLR connector for phantom powering
C417 L Fleshtone	2577X00160	Fleshtone color, for use with B29 L, MPA V-L and all AKG bodypack transmitters

- **Cardioid polar pattern**
eliminates noise from the rear
- **125° pickup angle**
for inexperienced or very vivacious talkers
- **Small housing and durable metal clip**
for inconspicuous, secure mounting

Included accessories: Windscreen

Item Number: CK99 L 6000H51040



DST99 S

DYNAMIC PAGING MICROPHONE

PUBLIC ANNOUNCEMENT

for paging systems, ticket windows and reception desks

The DST99 S, part of the 99ers family, is a paging microphone with cardioid polar pattern for general public address and communication use. The DST99 S provides a frequency response tailored to speech use, for optimum intelligibility as well as good off-axis rejection, high gain before feedback and suppression of unwanted ambient noise. The all-metal body ensures a long useful life for the microphone, even in tough day-to-day use.

The DST99 S is mounted on a table stand with an on/off switch and supplies a coiled cable with three-pin XLR connector. Using a dynamic capsule, the DST99 S does not require any powering.

-
- **Compact solution**
for plug and play
 - **Rugged gooseneck and all-metal body**
for long life even in tough day-to-day usage
 - **Coiled cable with three-pin XLR connector**
for quick and hassle-free installation

Item Number: DST99 S 6000H51030



D58 E

PROFESSIONAL DYNAMIC
NOISE-CANCELING
MICROPHONE



COME CLOSER

for intercom use at ticket windows and in public transport

The D58 E is a dynamic, hypercardioid, close-talking microphone for talkback and intercom applications. In order to improve speech intelligibility in noisy environments, the D58 E is tuned to a mid-frequency range. Thus it compensates for proximity effect and provides a flat response to near sources.

The D58 E is rugged and lightweight, operating over a wide range of temperatures and humidity. Using a dynamic capsule, the microphone does not require any powering. It has an integral XLR connector for mounting on a gooseneck such as the optional GNS36.

- **Hypercardioid polar pattern**
eliminates noise from the sides
- **Close-talking optimized frequency tuning**
will give a flat response to near sources
- **Small, rugged metal housing**
fits gooseneck modules like the GNS36

Item Number: D58 E 1632Z00150



DGN99

DYNAMIC GOOSENECK
MICROPHONE



MESSAGE DELIVERED

for paging systems, ticket windows and reception desks

The DGN99 and DGN99 E, part of the 99ers family, are dynamic gooseneck microphones with cardioid polar pattern for general public address and communication use. The microphones provide a frequency response tailored for optimum intelligibility, good off-axis rejection for high gain before feedback and suppression of unwanted ambient noise. The all-metal body ensures a long, useful life for the microphone even in tough day-to-day use.

The DGN99 E comes with an integrated XLR connector while the DGN99 offers open cables for universal use. Using a dynamic capsule, the microphones do not require any powering.

- **Compact solution**
for plug and play
- **Cardioid polar pattern**
eliminates noise from the rear
- **Rugged gooseneck and all-metal body**
for long life even in tough day-to-day usage

Item Number:

DGN99	6000H51010	dynamic paging mic
DGN99 E	6000H51020	dynamic paging mic



AUTOMATIC MICROPHONE MIXER

THE INVISIBLE ASSISTANT

In different settings, automatic microphone mixers ensure unobtrusive and reliable reproduction of a specific microphone signal at the correct volume and tone colors. Comparable to an invisible sound engineer, they are able to function in totally different types of room from small, multi-functional spaces to big conference halls. In churches and schools, where there is often no sound engineer, automatic mixers also assist in helping to avoid feedback.

At large scale theater performances, automatic mixers provide a “helping hand” to professional sound mixers. For TV or radio broadcasts they can operate as a sub-mixer during interviews and round table discussions. A technician can then concentrate on the overall acoustic pattern while the automatic mixer carries out subordinate tasks. To ensure a wide range of possible applications, AKG automatic mixers are extremely user-friendly and possess one of the most reliable mixing algorithms on the market.

< DMM6



The DMM6 is a high-performance digital automatic mixer which offers a full stereo bus and an intelligent algorithm for seamless mixing. Each input channel features low-cut, LF and HF shelving filters and a dbx® compressor/limiter. Multiple DMM6 mixers can be daisy-chained for larger systems.



MARTIN MACHEINER, TECHNICAL DIRECTOR, RADIO STEPHANSDOM, AUSTRIA

The DMM6 is my latest acquirement in the field of professional microphone mixing. We use it every day for our radio productions. Its unattended automatic function, allows also inexperienced user to focus on the important things of our daily business. I love AKG because it delivers the best sound, money can buy!



DMM12

PROFESSIONAL DIGITAL STEREO
AUTOMATIC MIXER

HELPING HAND

for boardroom, community center and broadcasting applications

The DMM12 is a professional digital stereo automatic mixer with twelve mic/line inputs, two stereo master outputs and one assignable stereo record output. The mixer offers a full stereo bus and a high sophisticated algorithm for seamless mixing. It provides highest S/N ratio while reducing the number of open microphones to a minimum. The unique user interface combines an analog look and feel with the comfort and accuracy of digital controls. Each input channel features low-cut, treble and bass filters, a dbx® compressor/limiter, a pan/balance and a priority (ducking) function. An integrated matrix allows each channel to be routed to one of the outputs individually. In addition delay lines can be established.

The DMM12 can be cascaded up to 10 units or 120 inputs. An RS232 interface allows external control e.g. via AMX or Crestron remotes.

- **Twelve inputs, two stereo master outputs**
via professional XLR/RCA connectors
- **High sophisticated mixing algorithm**
prevents the loss of syllables
- **Connectivity to media control systems**
via RS232 for AMX/Crestron compatibility
- **Full digital signal processing per channel**
including dbx® compressor/limiter
- **Integrated matrix function**
to create different mixes to different outputs

Item Number: DMM12 6500H00020



DMM6

HIGH-PERFORMANCE DIGITAL
STEREO AUTOMATIC MIXER

MEET ME

for boardroom, community center and houses of worship applications

The DMM6 is a high-performance digital stereo automatic mixer with six mic/line inputs and one stereo master output. The mixer offers a full stereo bus and a high sophisticated algorithm for seamless mixing. It provides highest S/N ratio while reducing the number of open microphones to a minimum. The unique user interface combines an analog look and feel with the comfort and accuracy of digital controls.

Each input channel features low-cut, treble and bass filters, a dbx® compressor/limiter, a pan/balance and a priority (ducking) function. An integrated matrix allows each channel to be routed to one of the outputs individually. The DMM6 can be cascaded up to 10 units or 60 inputs. An RS232 interface allows external control e.g. via AMX or Crestron remotes.

- **Six inputs, one stereo master output**
via professional XLR/RCA connectors
- **High sophisticated mixing algorithm**
prevents the loss of syllables
- **Connectivity to media control systems**
via RS232 for AMX/Crestron compatibility
- **Full digital signal processing per channel**
including dbx® compressor/limiter
- **Integrated matrix function**
to create different mixes to different outputs

Item Number: DMM6 6500H00010



CONFERENCE SYSTEMS

THE CONFERENCE MANAGER

The CS5 Conference System brings together many years of experience from AKG with the development and construction of gooseneck microphones with the most up-to-date digital technology. Whether at large international congresses or small podium discussions, the CS5 offers the best solution for different and changing requirements. Once installed, it is immediately operational and mobile units can be further installed and extended in a very short time.

The system also includes essential management functions for discussion, voting, translation and conferencing and thanks to its ingenious control concept, it is very simple to use and all components meet international standards for interpreting and conference facilities. International conferences, summits and even shareholder meetings place the highest demands on man and material – not a single word must be misunderstood. This means the CS5 will greatly facilitate the work of any involved party, whether speaker, interpreter or technician.



< CS5

The CS5 is the most flexible premium, hardwired, digital conference system on the market. With less than 10 different components the CS5 can be configured to work as a small and mobile discussion system as well as a huge fix installed conference system.



FERNANDO BOAVIDA, PROJECT MANAGER PARLIAMENT PROJECT ANGOLA, CCP, PORTUGAL

We had to install systems in 13 rooms for more than 700 delegates, including voting, translation and infrared. What we needed was a flexible and easy to setup conference system. AKG's digital CS5 system is the perfect choice for this demanding job. It left us with nothing but a satisfied customer.



CS5

PREMIUM DIGITAL CONFERENCE SYSTEM

AN ASSET TO ANY CONFERENCE HALL

Using digital technology and user friendly interfaces

The CS5 is the most flexible premium, hardwired, digital conference system on the market. With less than 10 different components the CS5 can be configured to work as a small and mobile discussion system as well as a huge fix installed conference system with voting, delegate management, simultaneous translation and language distribution functions.

The CS5 is compatible with all capsules of the Modular Series.

- **Hardwired for ultimate reliability**

Although there is a trend toward using wireless equipment in conferencing, AKG decided to play it safe. WiFi conference systems are quick to set up but the risk of radio dropouts or even total failure caused by smart phones with WiFi interfaces is high. By using standard shielded CAT cables the CS5 is very easy to set up, extremely reliable in day-to-day operation and absolutely immune to listening-in (for debates of sensitive issues).

- **Quintessentially digital**

Optimum quality of the audio system is only one part of a high end conference system. Ease of use and enough headroom for the unexpected can often save a conference. The CS5 offers up to 64 free assignable digital audio channels for excellent intelligibility and maximum flexibility. The included user friendly conference management software allows operators to focus on the essentials of their job.

- **Full expandability**

Designing a conference system at AKG begins with careful research and consulting to find out exactly what the requirements are. With only a few versatile components, the CS5 ensures maximum flexibility at an outstanding price/performance ratio that includes both the basic equipment and all thinkable extras. The CS5 is a sure success for speakers, delegates, financial decision makers, and system designers on more than one level.



CS5

FLEXIBILITY, RELIABILITY, SECURITY

A conference system, and particularly its powering equipment, should be quick and easy to install. The CS5 therefore uses a CAT5 closed-circuit bus and distributed power supplies, saving cables, time, and design expense. The CS5 uses CAT5/RJ45 cables only, so if you need to improvise, you can easily get the cables you need.

 CAT 5 bus
 Power wiring



CS5 IU

INTELLIGIBILITY – IN ANY LANGUAGE

Depending on the number of working languages for your conference, you will need one or more interpretation booths with two CS5 IU interpreter stations each. The CS5 IU meets AICC standards and provides all the functions your interpreters need in order to do a perfect job. As an additional benefit, the wiring system allows you to connect the IUs to the CAT5 bus at any point in the line, e.g., the point closest to the interpretation booth(s), to keep cables short.





 CAT 5 bus
 Power wiring
 USB wiring

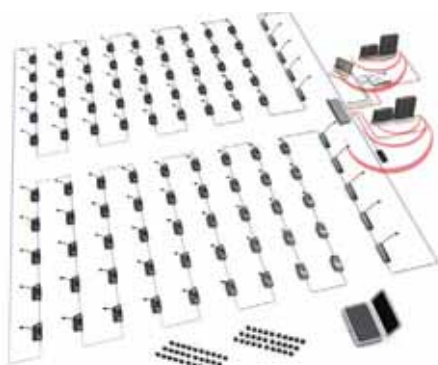


CS5 IRT

LARGE CONFERENCE, MANY OBSERVERS

Observers too may need interpretation. The CS5 IRT 1 or IRT 2 infrared radiators transmit up to seven language channels to any number of CS5 IRR7 infrared receivers. The IRR7 operates for up to twelve hours on a single battery charge and is small enough to fit into every vest pocket.

 CAT 5 bus
 Power wiring
 USB wiring
 XLR wiring



CS5 SYSTEMS

FROM ZERO TO 500 IN 100 MINUTES

There is always room for expansion. Whenever the need arises, you can add all AKG CS5 components even to the largest existing system. The closed-loop bus saves lots of cabling over more conventional star wiring systems, and the time saved in the process will appreciably relieve your budget. The theoretical limit is 5.000 microphone stations.

 CAT 5 bus
 Power wiring
 USB wiring
 XLR wiring
 Coaxial wiring



CS5 BU

REFERENCE DIGITAL CONFERENCE
BASE UNIT

CENTRAL INTELLIGENCE

for conferences of any size

The CS5 BU is the base unit for the CS5 reference digital conference system and integrates the central intelligence for discussion, voting, interpretation and language distribution functions in a sensationally compact 1HU, 19" housing.

The CS5 BU provides all the necessary inputs and outputs to manage a complex conference system. It controls up to 64 audio channels that can be assigned for discussion or for interpretation purposes. All microphone and interpreter stations are daisy-chained, using cost-efficient, standard CAT 5 cables, and can be configured in a redundant closed-circuit digital audio bus.

No matter how many microphone stations the system includes, it only needs a single CS5 BU to control the entire setup.



CS5 DU

REFERENCE CONFERENCE
DELEGATE UNIT

LONE SPOKESMAN

for fixed and mobile conference applications

The CS5 DU reference digital microphone station is the basic delegate unit for the CS5 conference systems. It provides both an integrated loudspeaker and two headphone outputs and can be used for up to two delegates.

A bank of dip switches allows each headphone output to be assigned independently to either the floor channel or one of three interpreted language channels. The PTT key also provides a simple aye/no voting function.

The CS5 DU is compatible with all premium acoustics of the AKG modular microphone series.

- **All-in-one digital controller**
for systems of any size and complexity
- **Integrated infrared signal modulator**
for wireless language distribution
- **Failsafe power supply concept**
by using decentralized and redundant components
- **Stand-alone or computer-controlled operation**
ensures easy, flexible and user-friendly handling
- **5 external inputs and 4 outputs**
open for a wide range of external system extensions

Item Number: CS5 BU 7650X01000

- **Delegate station with PTT button**
intuitive and easy to use
- **Aye/no poll function**
for basic voting applications
- **3+1 selectable languages**
for basic multilingual applications
- **Standard RG45 connectors**
for quick mounting and takedown
- **Interchangeable microphone capsules**
to meet the acoustical requirements of any type of conference room

Item Number: CS5 DU 2770Z00210



CS5 VU

REFERENCE CONFERENCING
VOTING UNIT

GROUP LEADER

for conference and voting applications

The CS5 VU reference digital microphone station is the voting, delegate and chairman unit for the CS5 conference systems. In president mode, it provides a priority function and allows the user to start votes or polls.

The CS5 VU includes an integrated loudspeaker, two headphone outputs, five soft buttons, an LC display and a chip-card reader, for up to two delegates. The CS5 VU can be set to different priority modes and 1- 3- or 5-way voting/polling functions. In computer-controlled conference systems, an optional chip-card identification is available.

The CS5 VU is compatible with all premium acoustics of the AKG modular microphone series.



CS5 IU

REFERENCE CONFERENCING
INTERPRETER UNIT

UNIVERSAL TRANSLATOR

for fixed and mobile applications

The CS5 IU reference digital interpreter station has been designed in accordance with the relevant international standards. The CS5 IU features an intuitive input selection, floor and relay language selectors, and cough button.

The CS5 IU provides microphone input for gooseneck microphones and a separate input/output for headsets.

AKG offers a wide choice of professional headsets such as the HSC271 and many more. The CS5 IU is also compatible with all premium acoustics of the AKG modular microphone series.

- **Delegate/president station with LCD display**
provides two operating modes
- **5 voting buttons**
for voting/polling and multiple-choice applications
- **63 selectable languages**
independently selectable for two users
- **Large LED ring indicator on optional gooseneck**
provides enhanced visible MIC ON/OFF indication
- **Interchangeable microphone capsules**
to meet the acoustical requirements of any type of conference room

Item Number: CS5 VU 2770Z00220

- **Interpreter station with LCD display**
Intuitive, easy-to-use controls
- **Meets international interpretation equipment standards**
for safe and easy operation
- **63 selectable languages**
for multilingual applications
- **Inputs for headsets and gooseneck mics**
for fatigue-proof working conditions for interpreters
- **Large LED ring indicator on optional gooseneck**
provides enhanced visible MIC ON/OFF indication

Item Number: CS5 IU 7650X00200



CS5 IRT

REFERENCE CONFERENCING
INFRARED TRANSMITTER

ENLIGHTEN THE WORLD

for fixed and mobile multilingual conference setups

The CS5 IRT1 and CS5 IRT2 reference infrared radiators transmit up to seven language channels to delegates and observers of debates and conferences. They work with the CS5 BU base unit and CS5 IRR7 infrared receivers.

The CS5 IRT1 and CS5 IRT2 differ in size and radiated power, and can be used in any desired combination. For large installations, it is possible to daisy-chain as many radiators as needed.



CS5 IRR7

REFERENCE CONFERENCING
INFRARED RECEIVER

BABEL FISH

for installed and mobile multilingual conference setups

The CS5 IRR7 reference wireless infrared receiver can pick up seven language channels from CS5 IRT1 and IRT2 infrared transmitters.

A LED on the receiver indicates its battery status at any time. The supplied NiMH rechargeable battery operates for more than 12 hours on a single charge. The CS5 IRR7 battery can be recharged in the CS5 CU50 charging and storage unit. The receiver will drive any headphones — AKG offers a wide selection — with a mini jack plug.

- **Digital audio transmission using PPM modulation**
robust against interference from fluorescent light
- **Unlimited daisy-chaining**
to "light up" any size conference room
- **Transmits up to 7 different languages**
for multilingual conference applications
- **Meets international interpretation equipment standards**
for safe and easy operation
- **Universal mounting bracket included**
for fixed and mobile applications

Item Number:

CS5 IRT1 7650H00500
CS5 IRT2 7650H00510

- **Digital data transmission using PPM modulation**
prevents fluorescent-light interference
- **Receives up to seven different languages**
for multilingual conference applications
- **12 hours operation with a single battery**
low operating cost using 9V alkaline dry battery
- **Integrated charging contacts**
for quick charging of a standard NiMH battery inside the receiver

Item Number: CS5 IRR7 7650H00600



CS5 CU50

CHARGING AND STORAGE UNIT

COST-SAVER

for installed and mobile multilingual conference setups

The CS5 CU50 flight-case charger can store and charge up to 50 CS5 IRR7 infrared receivers. The intelligent charging circuitry monitors the status of each NiMH battery and automatically switches to trickle charging when finished.

The LED on each receiver indicates its battery status at any time.



K20

HIGH-PERFORMANCE STEREO
CONFERENCE HEADPHONES

NEVER MISS A WORD

for schools, conferences and courtrooms

The K20 are lightweight and extremely comfortable stereo headphones. A single-sided cable makes these conference headphones perfect for their application.

Their cleanable plastic ear cups can be used with or without foam ear pads and comply with all hygienic standards. The K20 are an ideal choice for applications like schools, conference venues, courtrooms and similar locations.

- **Sturdy flight-case housing**
for up to 50 CS5 IRR7 infrared receivers
- **Intelligent charging circuitry**
for quick charging of a standard NiMH battery inside the receiver
- **Trickle charging mode**
keeps the battery ready

Item Number: CS5 CU50 7650H00650

- **Lightweight and extremely comfortable**
maximum comfort for long work sessions
- **Cleanable plastic ear cups**
comply with all hygienic standards
- **Rugged, foldable construction**
for easy transport and storage

Included accessories: K20 Earpad for K20 headphones

Item Number: K20 3126H00200

CS5 SOFTWARE

		Standard	Pro
Delegate Functions	Import/export	+	+
	SQL database	+	+
	Create groups		+
	Assign rights	+	+
	Limit individual speaking times	+	+
	Include pictures	+	+
Delegate Functions	Import/export	+	+
	SQL database	+	+
	Plan topics inc. start and finish times	+	+
	Include room pictures/drawings		+
	Plan secret/open votes	+	+
	Select language	+	+
	Projection signal to 2nd output	+	+
	Projection signal to 3rd output		+
	Import/export conference log	+	+
	Interpreter remote setup		+
	Comment request soft key		+
	Chip card ID	+	+
	Attendance check		+
	Create conference for one-time use	+	+
	Create basic conference for multiple use		+
Run Conference	List control mode	+	+
	Graphic control mode		+
	Vote with bar diagram	+	+
	Vote with cake diagram	+	+
	Priority call from computer	+	+
	Mute internal speakers	+	+
	Show vote on hall screen	+	+
	Show list of talkers on hall screen	+	+
	Show agenda on hall screen	+	+

CS5 BASIC CONTROL SOFTWARE

CS5 Control is a basic software package for planning, setting up, managing and logging a conference based on an SQL database. The personal data and specific rights of each delegate are entered into a database. Another screen provides lists of ballots, topics and speakers for planning the conference.

Handling a conference is as easy as calling up lists of speakers and when and how long they will speak. Microphone stations are then activated or muted by dragging and dropping delegates' names into the appropriate columns. The CS5 Basic Control Software is included in every CS5 BU package.



CS5 PRO CONTROL SOFTWARE

The versatile conference-system design and a graphic user interface for monitoring of all system components make the new CS5 Pro Control software a powerful tool for every conferencing application.

In addition to using lists to manage a conference, CS5 Pro provides a graphic control mode, allowing the operator to activate or mute a station simply by clicking on its related image on a conference room layout/picture. To facilitate votes, the system allows voting rights to be assigned to delegates as required for quick and well-documented results. A "comment" option enables delegates to signal to the chairperson that they wish to comment on the subject at hand.



CS5 ACCESSORIES



CK31, CK33, CK47

The CK31 cardioid microphone with its 125-degree pickup angle is the most popular solution for inexperienced talkers. The CK33 hypercardioid microphone with its narrow pickup angle of 95 degrees is the perfect choice where talkers are further away from the microphone. The CK47 with its 80-degree pickup angle provides absolutely accurate, studio quality audio even for off-axis talkers.

Item number: CK31 2765H00200, CK32 2765H00210, CK47 2765Z00230



GN30 CS/GN50 CS

The GN30 CS (12 in./30 cm) and GN50 CS (20 in./50 cm) goosenecks feature an extra wide LED ring and highly reliable electrical contact to the microphone module.

Item number: GN30 CS 2765H00030, GN50 CS 2765H00080



CS5 ID CARD

Each ID Card carries a special chip identifying its carrier to a computer-controlled CS5 system.

Item number: CS5 ID Card 7650H01600



CS5 PS 12

The CS5 PS 12 is an external power supply for twelve microphone stations in the CS5 conference system. For systems with need for high redundancy, we recommend using one CS5 PS 12 for every six microphones.

Item number: CS5 PS 12 7650H01020



CS5 RU REPEATER

Signal amplifier for driving long cable runs.

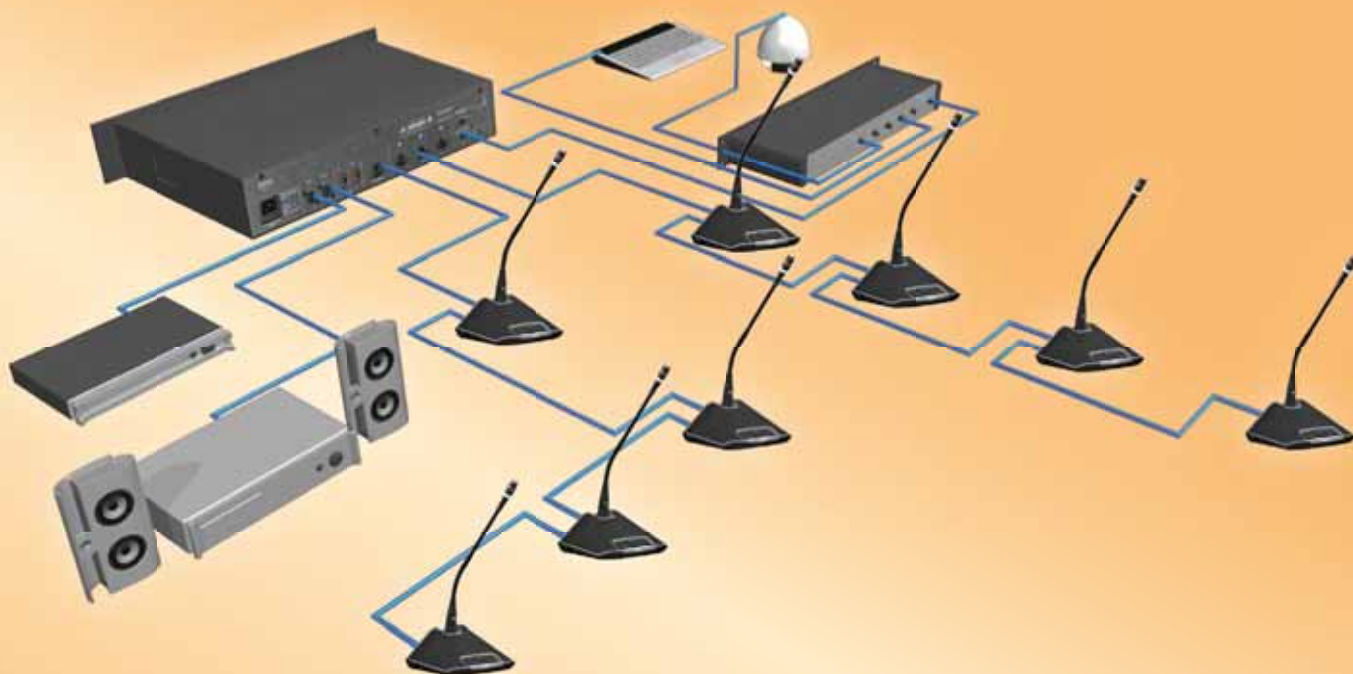
Item number: CS5 RU Repeater 7650H03000



CS5 MF INSTALLATION FRAME

Optional, dedicated frame for permanently installing a CS5 DU or CS5 VU station in a conference table. Ensures secure, low-profile flush mounting and theft protection.

Item number: CS5 MF 2770Z00100



CS3

PLUG 'N' PLAY CONFERENCE SYSTEM

KEEPS IT SIMPLE

for mobile and fix installed conferences

The CS3 System is a modular and flexible conference system for small and medium size applications. It's reliable components can be easily set up, wired and expanded. One CS3 base unit can support 60 microphones. With the help of a second base unit the system can be expanded to up to 120 units. The base unit connects to all relevant devices like PA, recording, external audio sources and camera control systems. Different operating modes enable automatic or controlled conferences, even without PC remote.

The CS3 microphone station comes with a robust interface connector, which makes it easy to interchange the stations microphone. The detachable microphone

comes in two choices – the CS321 cardioid condenser capsule on a 30cm (12in) long gooseneck and the 50cm (20in) long CS521.

The CS3 combines easiness in setup and use with professional AKG audio quality. The rugged and elegant design fits in any venue.

- **All in one conference controller**
for discussion systems of up to 120 stations (up to 240 delegates)
- **Stand alone or computer controlled operation**
ensures easy and user-friendly handling
- **Four selectable operating modes**
for flexible conference management
- **Interchangeable microphones**
maximum flexibility for any type of conference situation
- **Plug 'n' Play**
set includes all components for a quick set-up



CS3 BU

CONFERENCE BASE UNIT

POWER IN A BOX

for mobile and fix installed conferences

The CS3 BU is the base unit for the CS3 conference system and provides all the necessary inputs and outputs to manage a conference for up to 60 microphone stations. It is the interface to all audio devices in a meeting room and offers a RS232 interface to connect an optional camera control system.

The CS3 BU can even work in a stand-alone mode in four selectable operating modes offering maximum flexibility in conference management. With the NOM limitation function, the maximum number of active stations can be programmed to 1, 2, 4 or 6 simultaneous open microphones.

If necessary, two CS3 BU's can be combined to control a large conference system with up to 120 microphone stations.

- **All in one conference controller**
for discussion systems of up to 60 stations per base unit
- **Four selectable operating modes**
for flexible conference management
- **Connects to all relevant devices**
e.g. PA, recording, ext. audio and camera control systems
- **Extension interface**
combines two units to control up to 120 stations
- **Compact 19" housing**
for easy rack mounting

Item Number: CS3 BU 3361H00010



CS3 CU

CHAIRMAN MICROPHONE STATION

GET IN CONTROL

for fixed and mobile conference applications

The CS3 CU chairman unit is a microphone station with two operating modes. In “priority call” mode, the user can manually mute all connected delegate stations. In “next in line” mode the CS3 CU automatically activates the next delegate station in the waiting list. The station provides a built in speaker and 2 x 3.5 mm stereo jacks to connect headphones for up to two delegates.

The CS3 CU comes with a robust interface connector, which makes it easy to interchange the stations microphone. The detachable microphone comes in two choices - the CS321 cardioid condenser capsule on a 30 cm long gooseneck and the 50 cm long CS521.

The CS3 CU set-box contains a 2 m long Plug ‘n’ Play connector cable as well as the preferred microphone choice.



CS3 DU

DELEGATE MICROPHONE STATION

JUST TALK

for fix installed and mobile conference applications

The CS3 DU microphone station is the basic delegate unit for the CS5 conference systems. It provides both an integrated loudspeaker as well as two 3.5 mm stereo headphone outputs and could be used for up to 2 delegates. Depending on the selected operating mode, the PTT key enables the speaker to directly switch on their microphone or to enter the system waiting list.

The CS3 DU comes with a robust interface connector, which makes it easy to interchange the stations microphone. The detachable microphone comes in two choices - the CS321 cardioid condenser capsule on a 30 cm long gooseneck and the 50 cm long CS521.

The CS3 DU set-box contains a 2 m long Plug ‘n’ Play connector cable as well as the preferred microphone choice.

- **Chairman functions with “Priority” and “Next in line” buttons**
give full control over the entire conference/system
- **Interchangeable microphones**
maximum flexibility for any type of conference situation
- **Built in speaker**
for near field reinforcement
- **Two separate 3.5 mm stereo jacks**
to connect headphones for up to two delegates
- **Plug ‘n’ Play set**
includes all components for a quick set-up

Item Number:

CS3 CU 30	3361H00220	Chairman Unit with 30cm (12in) GN
CS3 CU 50	3361H00240	Chairman Unit with 50cm (20in) GN

- **Delegate station with PTT button**
intuitive and easy to use
- **Interchangeable microphones**
for maximum flexibility for any type of conference situation
- **Built in speaker**
for near field reinforcement
- **Two separate 3.5 mm stereo jacks**
to connect headphones for up to two delegates
- **Plug ‘n’ Play set**
includes all components for a quick set-up

Item Number:

CS3 DU 30	3361H00210	Delegate Unit with 30cm (12in) GN
CS3 DU 50	3361H00230	Delegate Unit with 50cm (20in) GN

CS3 ACCESSORIES



CS321 AND CS521

The CS321 and CS521 are high-performance condenser gooseneck microphones specially designed for the CS3 conference system. Their cardioid polar pattern is the perfect choice for inexperienced speakers who talk into the microphone from widely varying angles.

The rugged gooseneck microphones are available in two different lengths (CS321: 30cm (12in); CS521: 50cm (20in)) and feature the high-quality Modular Plus Series system connector. Both the CS321 as well as the CS521 provide a LED light ring to show the microphone stations status. The LED ring is extra-large for enhanced visibility.

- **Compact solution**
for Plug 'n' Play
- **Cardioid polar pattern**
eliminates noise from the rear side
- **Extra-large LED ring indicator**
provides enhanced visible MIC ON/OFF indication
- **Two different gooseneck lengths available**
CS321: 30cm (12in) or CS521: 50cm (20in)
- **Extremely rugged gooseneck construction**
for an extra-long life of reliability and stability

Item Number: CS321	3361H00180
CS521	3361H00190



CS3 EC 2-100 SYSTEM CABLE

The CS3 EC connection cables are specially designed to quickly set up a CS3 discussion system. They are equipped with professional female and male 8-pin DIN connectors. The CS3 EC cables are available in six different lengths - 2m, 5m, 10m, 20m, 50m and 100m.

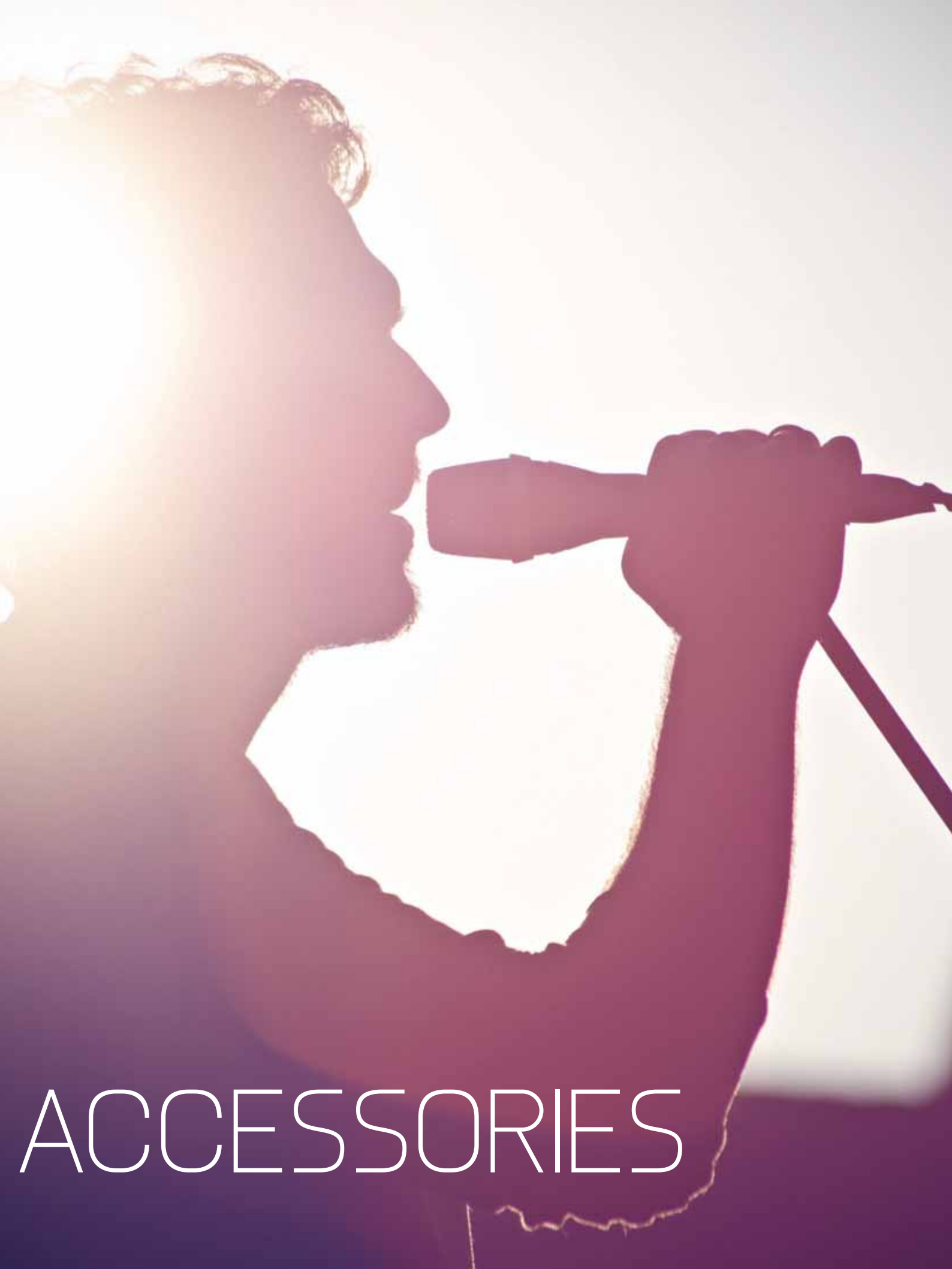
Item Number: CS3 EC 2m (6.56ft)	3361H00080
CS3 EC 5m (16.4ft)	3361H00090
CS3 EC 10m (32.8ft)	3361H00100
CS3 EC 20m (65.62ft)	3361H00110
CS3 EC 50m (164ft)	3361H00120
CS3 EC 100m (328ft)	3361H00130



CS3 TC T-CONNECTOR

The CS3 TC is used to split one branch line into two. It comes with professional 8-pin DIN connectors. The CS3 TC can be used exclusively in combination with CS3 components.

Item Number: CS3 TC	3361H00160
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ACCESSORIES

WINDSCREENS



PF80

Universal pop filter for use with vocal recording microphones

Item Number: PF80 6000H06320



W23

Windscreen for use with ball head microphones approx. 50mm (2 in.)

Item Number: W23 6000H06210



W30

Windscreen for use with CK31, CK32 and CK33

Item Number: W30 2765H00300



W44

Windscreen for use with C520

Item Number: W44 2344Z01010



W48

Windscreen for use with CK69 ULS

Item Number: W48 2568Z40010



W49

Windscreen for use with CK69 ULS

Item Number: W49 2568Z41010



W68

Windscreen for use with C568 B

Item Number: W68 2168Z30010



W70

Windscreen for use with CK47 and C747 V11

Item Number: W70 2421Z01010



W77

Windscreen for use with CK77 WR and C577 WR

Item Number: W77 9999N06240



W77 M

Wire-mesh windscreen for use with CK77 WR and C577 WR

Item Number: W77 M 6000H05760



W77 MP

Windscreen for use with CK77 WR and C577 WR (finish: flesh-tone)

Item Number: W77 MP 6000H05780



W77 Set

Colored foam windscreen set for CK77 WR, C577 WR

Item Number: W77 Set 6000H05750

WINDSCREENS



W90

Windscreen for use with AKG Blue Line capsules CK91/92/93/94 and C451 B.

Item Number: W90 2496Z00010



W98

Windscreen for use with CK98

Item Number: W98 2439Z30010



W407

Windscreen for use with the C417.

Item Number: W407 2366Z06010



W414

Windscreen for use with C414 XLS, C414 XLII and C3000.

Item Number: W414 2802Z05010



W444

Windscreen for use with C555 L

Item Number: W444 2656Z10010



W547

Windscreen for use with C547 BL

Item Number: W547 2448Z00010



W880

Windscreen for use with ball head microphones approximately 40mm to 50mm (1-5/8" to 2") in diameter

Item Number: W880 6001H05120



W1000

Windscreen for use with C1000 S.

Item Number: W1000 2331Z14010



W3001

Windscreen for use with ball head microphones approximately 40mm to 50mm (1-7/12" to 2") in diameter.

Item Number: W3001 2630Z00010



W3004

Windscreen for use with D5, D7, D5 WL1, D7 WL1, P3 S, P5 and P5 S

Item Number: W3004 2630H00040



W4000

Windscreen for use with C4000, C4500 BC, Perception P120, P220, P420 and P820

Item Number: W4000 2802Z02010



W40 M

The W40 M windscreen with rugged wiremesh grill is compatible with the CK41 and CK43 capsules from the modular plus series.

Item Number: W40 M 3165H00290

STANDS & SUPPORTS



CC519

Clarinet clamp for C519 or B-flat clarinet
Item Number: CC519 3069H00010



GNS36

360mm (14") gooseneck, black
Item Number: GNS36 6000H03440



H30

Universal shock mount
Item Number: H30 2183Z00010



H40/1

Tie clip for use with all lavalier microphones
Item Number: H40/1 2544Z00030



H41

Tie pin for use with all lavalier microphones
Item Number: H41 2544Z00020



H47

Shock mount for use with C747 V11
Item Number: H47 2423Z01010



H50

Stereo bar e.g. for C 747 V11
Item Number: H50 6000H05710



H500

Shock mount for goosenecks with integrated XLR connector, such as the CGN321 E
Item Number: H500 6000H01900



H600

Shock mount for all goosenecks 8mm (1/3") diameter including reducing socket A608
Item Number: H600 2426X00030



H85

Universal shock mount for all microphones with shaft diameters from 19mm to 26mm (3/4" to 1"), such as the C414 XLS and the C414 XLII.
Item Number: H85 2803Z00080



MF-DA

Mounting flange for use with GN gooseneck series
Item Number: MF-DA 2647Z00010



MSH70

Short gooseneck for use with C747 V11
Item Number: MSH70 2419M01020

STANDS & SUPPORTS



PS3 F-LOCK

Lockable panel-mount XLR connector for goosenecks with integrated three-pin XLR connector, such as CGN321 E

Item Number: PS3 F-LOCK 2425Z00010



SA44

Standadapter for vocal microphones

Item Number: SA44 6001H06320



SA47

Standadapter for use with C747 V11

Item Number: SA47 2186Z00050



SA60

Stand adapter for use with straight-shaft microphones

Item Number: SA60 6000H60010



SA61

Standadapter for use with conical-shaft microphones

Item Number: SA61 6000H61010



SA63

Standadapter for use with wireless microphone systems handheld transmitters

Item Number: SA63 6000H63010



SHZ80

Slotted screw link for use with C747 V11

Item Number: SHZ80 2416Z01020



ST1

Folding mini tripod

Item Number: ST1 6000H04200



ST45

Low-profile table stand with off-center threaded stub

Item Number: ST45 6000H03080



ST46

Miniature stand for small microphones

Item Number: ST46 6000H03060



ST305

Heavy-duty table stand

Item Number: ST305 6000H03050



MF M

Mounting flange for use with Modular Plus Microphone series

Item Number: MF M 3165H00220

POWERING ADAPTERS & CABLES



B18

Battery-operated phantom power supply for one condenser microphone

Item Number: B18 2198H00020



B29 L

Battery-operated power supply and mini mixer for one or two microphones with L-plug

Item Number: B29 L 6000H04620



B48 L

Battery-operated phantom power supply for one P48 condenser microphone.

Item Number: B48 L 3163Z00010



MK PS

RG58 (50 ohms) 0.6m (2 ft) connecting cable between WMS receivers and antenna splitter

Item Number: MK PS 6000H02060



MK150 M

The MK150 M extension cable is equipped with the modular plus system connector and fits all Modular Plus mounting and powering modules. The MK150 M comes with a cable length of 150cm.

Item Number: MK150 M 3165H00260



MK150 ML

The MK150 ML is a connection cable to combine microphones of the Modular Plus Series with any AKG bodypack transmitter.

Item Number: MK150 ML 3165H00270



MKA20

Antenna cable 20m (66ft) long

Item Number: MKA20 6000H02050



MKA5

Antenna cable 5m (16ft) long

Item Number: MKA5 2455Z00620



MKG L

Instrument cable for wireless body-pack transmitters with mini XLR and 6.3mm (1/4") jack

Item Number: MKG L 2455Z00500



MPA V L

Phantom power adapter with XLR connector for L type MicroMic microphones with integrated bass roll-off switch

Item Number: MPA V L 3170H00020



UWA9 M

The UWA9 M is a holder for wireless bodypack transmitters. It perfectly fits on the GN155 M floor stand gooseneck module

Item Number: UWA9 M 3165H00280

ACCESSORIES MATRIX

		Windscreens																				
		Catalogue Page	PF80	W23	W30	W44	W48	W49	W68	W70	W77	W77 M	W77 P	W90	W98	W407	W414	W444	W547	W880	W1000	W3001
Reference Recording Microphones	C12 VR	10	opt																			
	C414 XLS	12	incl														incl					
	C414 XLII	13	incl														incl					
	C214	13	opt																			
	C451 B	11	opt											incl								
Modular Recording Microphones	C480 B Combo	19		incl																		
	CK69 ULS	21					incl	incl														
	C391 B	23	opt											incl								
	SE300 B	22																				
	CK91	23												incl								
	CK92	24												incl								
	CK93	24												incl								
	CK94	25												incl								
	CK98	25													incl							
Broadcast Microphones	C747 V11	28								incl												
	CK69 ULS	21					incl	incl														
	CK98	25													incl							
	C568 B	29							incl													
	C4500 BC	30	opt																			
Headsets	D230	31		opt																		
	HSC171	31																opt				
	HSC271	32																opt				
	HSD171	32																opt				
	HSD271	33	opt															opt				
Project Studio Microphones	C4000	36	opt																			
	C3000	36	opt																			
	C2000	37	opt																			
	C1000 S	37	opt																		incl	
Perception Studio Microphones	P820 Tube	40	opt																			
	P420	41	opt																			
	P220	41	opt																			
	P170	42	opt																			
	P120	43																				
Handheld Vocal Microphones	P120 USB	43	opt																			
	C535 EB	48		opt																		
	D7	49		opt																opt		
	C5	50		opt																opt		
	D5	50		opt																opt		
	BBB DFive	51																		opt		
Head-worn Vocal Microphones	D770	51		opt																opt		
	C520	54				incl																
	C544 L	57																incl				
	C555	57																incl				
	CM311	55																				
Head-worn Vocal Microphones	HC577 L	56									opt	opt	incl									

Stands & Supports	Powering Adapters & Cables
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ACCESSORIES MATRIX (Continued)

		Windscreens																				
		Catalogue Page	PF80	W23	W30	W44	W48	W49	W68	W70	W77	W77 M	W77 P	W90	W98	W407	W414	W444	W547	W880	W1000	W3001
Instrumental Microphones	C411 L	61																				
	C430	61																				
	D112	61																				
	D40	60																				
Micro-mics	C519 M	62				incl																
	C518 M	63				incl																
	C516 ML	63				incl																
Perception Live Microphones	P5	68		opt																opt		
	P4	68																				
	P2	69																				
	P3 S	69		opt																opt		
CCS Microphones	D88 S	70		opt																opt		
	D44 S	71		opt																opt		
	D55 S	71		opt																opt		
	DHT700 V2	77																				
Multichannel Wireless Systems	DPT700 V2	77																				
	HT4500	79																				
	PT4500	79																				
	HT470	87																				
Plug'n'Play Wireless Systems	PT470	87																				
	DHT70	107																				
	DPT70	107																				
	HT45	111																				
Gooseneck Microphones, Boundary Layer Microphones	PT45	111																				
	HT40 Mini	115																			opt	
	PT40 Mini	115																				
	CK31	141			incl																	
Head-worm & Lavalier Microphones	CK32	141			incl																	
	CK33	140			incl																	
	CK47	142								incl												
	GN	144																				
Head-worm & Lavalier Microphones	GN E	144																				
	GN E5 Pin	145																				
	GN ESP	145																				
	GN155 Set	143																				
Head-worm & Lavalier Microphones	CGN99 C	146																				
	CGN99 H	147																				
	CHM99	147																				
	C547 BL	152																	incl			
Head-worm & Lavalier Microphones	HC577 L	166									opt	opt	incl									
	C417 L	165														incl						
	C544 L	153															incl					
	CK77 WR	164									incl	opt										

			Stands & Supports																Powering Adapters & Cables							
	W3004	W4000	H30	H41	H47	H50	H500	H600	H85	MSH70	PS3 F-LOCK	SA44	SA47	SA60	SA61	SA63	SHZ80	ST1	ST45	ST46	ST305	B18	B29 L	MKG L	MPA V L	
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COMPARISON CHART

Large Diaphragm Condenser Microphone

Product		Polar Patterns		Technical Specification										
	Catalogue Page	Polar Pattern	Number	Audio Frequency bandwidth	Sensitivity	Max SPL	Equivalent Noise Level	Signal to Noise	Preamplification Pad	Bass Cut Filter	Electrical Impedance	Recommended Load Impedance		
C12 VR	10	omnidirectional, wide cardioid, cardioid, supercardioid, figure eight	9	30 ... 20000 Hz	10 mV/Pa	148 dB	22 dB-A	> 72 dB-A	-10 dB -20 dB	100 Hz, 6dB/octave 130 Hz, 12dB/octave	< 200 Ohm	> 1000 Ohm		
C2000	37	cardioid	1	30 ... 20000 Hz	20 mV/Pa	150 dB	20 dB-A	> 74 dB-A	10 dB	500 Hz, 6dB/octave	< 200 Ohm	> 1000 Ohm		
C214	13	cardioid	1	20 ... 20000 Hz	20 mV/Pa	156 dB	13 dB-A	> 81 dB-A	-20 dB	160 Hz, 6dB/octave	< 200 Ohm	> 1000 Ohm		
C3000	36	cardioid	1	20 ... 20000 Hz	20 mV/Pa	150 dB	14 dB-A	> 80 dB-A	-10 dB	500 Hz, 6dB/octave	< 200 Ohm	> 1000 Ohm		
C4000	36	omnidirectional, cardioid, hypercardioid	3	20 ... 20000 Hz	25 mV/Pa	155 dB	8 dB-A	> 86 dB-A	-10 dB	100 Hz, 12dB/octave	< 200 Ohm	> 1000 Ohm		
C414 XLII	13	omnidirectional, wide cardioid, cardioid, hypercardioid, figure eight	9	20 ... 20000 Hz	23 mV/Pa	158 dB	6 dB-A	> 88 dB-A	-6 dB -12 dB -18 dB	160 Hz, 6dB/octave 80 Hz, 12dB/octave 40 Hz, 12dB/octave	< 200 Ohm	> 2200 Ohm		
C414 XLS	12	omnidirectional, wide cardioid, cardioid, hypercardioid, figure eight	9	20 ... 20000 Hz	23 mV/Pa	158 dB	6 dB-A	> 88 dB-A	-6 dB -12 dB -18 dB	160 Hz, 6dB/octave 80 Hz, 12dB/octave 40 Hz, 12dB/octave	< 200 Ohm	> 2200 Ohm		
C4500 BC	30	cardioid	1	30 ... 20000 Hz	20 mV/Pa	165 dB	8 dB-A	> 86 dB-A	-20 dB	120 Hz, 6dB/octave	< 200 Ohm	> 1000 Ohm		
P120	43	cardioid	1	20 ... 20000 Hz	22 mV/Pa	150 dB	22 dB-A	> 72 dB-A	-20 dB	300 Hz, 12dB/octave	< 200 Ohm	> 1000 Ohm		
P120 USB	43	cardioid	1	20 ... 20000 Hz	-	-	-	-	-20 dB	120 Hz, 6dB/octave	-	-		
P220	41	cardioid	1	20 ... 20000 Hz	18 mV/Pa	155 dB	16 dB-A	> 78 dB-A	-20 dB	300 Hz, 12dB/octave	< 200 Ohm	> 1000 Ohm		
P420	41	omnidirectional, cardioid, figure eight	3	20 ... 20000 Hz	28 mV/Pa	155 dB	16 dB-A	> 78 dB-A	-20 dB	300 Hz, 12dB/octave	< 200 Ohm	> 1000 Ohm		
P820 Tube	40	omnidirectional, wide cardioid, cardioid, hypercardioid, figure eight	9	20 ... 20000 Hz	20 mV/Pa	155 dB	16 dB-A	> 78 dB-A	-20 dB	80 Hz, 12dB/octave	< 200 Ohm	> 1000 Ohm		

Powering Interface		Audio Output			Design	Dimensions / Weight				
Voltage	Current	Type	Gender	Contacts	Finish	Length	Width	Height	Diameter	Net Weight
-	-	Balanced XLR	Male	3-pin	green/gold	-	-	225 mm (8.86 in)	42 mm (1.65 in)	680 g (23.99 oz)
9 ... 52 V	2 mA	Balanced XLR	Male	3-pin	matte dark gray	-	-	160 mm (6.3 in)	53 mm (2.09 in)	325 g (11.46 oz)
9 ... 52 V	2 mA	Balanced XLR	Male	3-pin	matte grayish blue	-	56 mm (2.2 in)	160 mm (6.3 in)	-	280 g (9.88 oz)
9 ... 52 V	2 mA	Balanced XLR	Male	3-pin	matte dark gray	-	-	162 mm (6.38 in)	19 ... 53 mm (0.75 ... 2.09 in)	320 g (11.29 oz)
9 ... 52 V	2 mA	Balanced XLR	Male	3-pin	matte dark gray	-	-	183 mm (7.2 in)	58 mm (2.28 in)	450 g (15.87 oz)
44 ... 52 V	4.5 mA	Balanced XLR	Male	3-pin	dark gray/gold	38 mm (1.5 in)	50 mm (1.97 in)	160 mm (6.3 in)	-	300 g (10.58 oz)
44 ... 52 V	4.5 mA	Balanced XLR	Male	3-pin	dark gray/silver	38 mm (1.5 in)	50 mm (1.97 in)	160 mm (6.3 in)	-	300 g (10.58 oz)
9 ... 52 V	2 mA	Balanced XLR	Male	3-pin	matte dark gray	-	-	183 mm (7.2 in)	58 mm (2.28 in)	450 g (15.87 oz)
44 ... 52 V	3 mA	Balanced XLR	Male	3-pin	metallic blue	-	-	165 mm (6.5 in)	53 mm (2.09 in)	525 g (18.52 oz)
-	-	USB	-	-	matte grayish blue	-	-	165 mm (6.5 in)	53 mm (2.09 in)	460 g (16.23 oz)
44 ... 52 V	2 mA	Balanced XLR	Male	3-pin	metallic blue/nickel grille	-	-	165 mm (6.5 in)	53 mm (2.09 in)	525 g (18.52 oz)
44 ... 52 V	2 mA	Balanced XLR	Male	3-pin	metallic blue/nickel grille	-	-	165 mm (6.5 in)	53 mm (2.09 in)	525 g (18.52 oz)
-	-	Balanced XLR	Male	3-pin	metallic blue/nickel grille	-	-	212 mm (8.35 in)	53 mm (2.09 in)	870 g (30.69 oz)

COMPARISON CHART

Small Diaphragm Condensor Microphones

Product		Polar Patterns		Technical Specification									
	Catalogue Page	Polar Pattern	Number	Audio Frequency bandwidth	Sensitivity	Max SPL	Equivalent Noise Level	Signal to Noise	Preattenuation Pad	Bass Cut Filter	Electrical Impedance	Recommended Load Impedance	
C5	50	cardioid	1	65 ... 20000 Hz	4 mV/Pa	140 dB 145 dB	25 dB-A	> 49 dB-A	-	-	< 200 Ohm	> 2000 Ohm	
C407		omnidirectional	1	20 ... 20000 Hz	7 mV/Pa	126 dB	34 dB-A	> 60 dB-A	-	-	< 200 Ohm	> 1000 Ohm	
C411	61	figure eight	1	10 ... 18000 Hz	2 mV/Pa	100 dB	-	-	-	-	< 200 Ohm	> 1000 Ohm	
C411 PP	61	figure eight	1	10 ... 18000 Hz	2 mV/Pa	100 dB	-	-	-	-	< 200 Ohms	> 1000 Ohms	
C417	165	omnidirectional	1	20 ... 20000 Hz	7 mV/Pa	126 dB	34 dB-A	> 60 dB-A	-	-	< 200 Ohm	> 1000 Ohm	
C417 PP	165	omnidirectional	1	20 ... 20000 Hz	7 mV/Pa	126 dB	34 dB-A	> 60 dB-A	-	-	< 200 Ohms	> 1000 Ohms	
C430	61	cardioid	1	20 ... 20000 Hz	7 mV/Pa	130 dB 130 dB	33 dB-A	> 61 dB-A	-	-	< 200 Ohm	> 2000 Ohm	
C451 B	11	cardioid	1	20 ... 20000 Hz	9 mV/Pa	155 dB	18 dB-A	> 76 dB-A	-	75 Hz, 12dB/octave 150 Hz, 12dB/octave	< 200 Ohm	> 1000 Ohm	
C516 ML	63	cardioid	1	60 ... 20000 Hz	5 mV/Pa	132 dB	31 dB-A	> 63 dB-A	-	-	< 200 Ohm	> 2000 Ohm	
C518	63	cardioid	1	60 ... 20000 Hz	5 mV/Pa	130 dB 132 dB	31 dB-A	> 63 dB-A	-	-	< 200 Ohm	> 2000 Ohm	
C518 ML	63	cardioid	1	60 ... 20000 Hz	5 mV/Pa	130 dB 132 dB	31 dB-A	> 63 dB-A	-	-	< 200 Ohms	> 2000 Ohms	
C519	62	cardioid	1	60 ... 20000 Hz	5 mV/Pa	130 dB 132 dB	31 dB-A	> 63 dB-A	-	-	< 200 Ohm	> 2000 Ohm	
C519 ML	62	cardioid	1	60 ... 20000 Hz	5 mV/Pa	130 dB 132 dB	31 dB-A	> 63 dB-A	-	-	< 200 Ohms	> 2000 Ohms	
C520	54	cardioid	1	60 ... 20000 Hz	5 mV/Pa	130 dB 132 dB	31 dB-A	> 63 dB-A	-	-	< 200 Ohm	> 2000 Ohm	
C520 ML	54	cardioid	1	60 ... 20000 Hz	5 mV/Pa	130 dB 132 dB	31 dB-A	> 63 dB-A	-	-	< 200 Ohms	> 2000 Ohms	
C535 EB	48	cardioid	1	20 ... 20000 Hz	7 mV/Pa	130 dB 144 dB	21 dB-A	> 73 dB-A	-14 dB	100 Hz, 12dB/octave	< 200 Ohm	> 600 Ohm	
C544 L	57	cardioid	1	20 ... 20000 Hz	35 mV/Pa	130 dB	22 dB-A	> 72 dB-A	-	-	< 200 Ohm	> 2000 Ohm	
C555 L	57	cardioid	1	80 ... 20000 Hz	35 mV/Pa	130 dB	22 dB-A	> 72 dB-A	-	-	< 200 Ohm	> 2000 Ohm	
C568 B	29	hypercardioid	1	20 ... 20000 Hz	11 mV/Pa	128 dB	18 dB-A	> 76 dB-A	-	120 Hz, 12dB/octave	< 600 Ohm	> 2000 Ohm	
C747 V11	28	hypercardioid	1	30 ... 18000 Hz	8.5 mV/Pa	133 dB	32 dB-A	> 73 dB-A	-	150 Hz, 12dB/octave	< 400 Ohm	> 1500 Ohm	
C1000 S	37	hypercardioid, cardioid	2	50 ... 20000 Hz	6 mV/Pa	137 dB	21 dB-A	> 73 dB-A	10 dB	80	< 200 Ohm	> 2000 Ohm	
C391 B	23	cardioid	1	20 ... 20000 Hz	10 mV/Pa	132 dB 142 dB	17 dB-A	> 77 dB-A	10 dB	75 Hz, 12dB/octave	-	> 1000 Ohm	
C480 B Combo	19	cardioid	1	20 ... 20000 Hz	20 mV/Pa	134 dB 140 dB 144 dB	11 dB-A	> 83 dB-A	6 dB -10 dB	100 Hz, 12dB/octave	< 150 Ohm	> 2000 Ohm	
C480 B ULS	18	-	-	20 ... 20000 Hz	-	-	-	-	6 dB -10 dB	100 Hz, 12dB/octave	-	> 2000 Ohm	
C547 BL	152	hypercardioid	1	30 ... 18000 Hz	8.5 mV/Pa	133 dB	22 dB-A	> 72 dB-A	-	150 Hz, 12dB/octave	-	> 1000 Ohm	
C562 CM	158	hemispherical	1	20 ... 20000 Hz	25 mV/Pa	130 dB	16 dB-A	> 78 dB-A	-	-	-	> 2000 Ohm	

	Powering Interface		Audio Output			Design	Dimensions / Weight				
	Voltage	Current	Type	Gender	Contacts	Finish	Length	Width	Height	Diameter	Net Weight
	9 ... 52 V	3 mA	Balanced XLR	Male	3-pin	matte grayish blue	-	-	185 mm (7.28 in)	51 mm (2.01 in)	345 g (12.17 oz)
	2 ... 12 V	2 mA	Mini XLR	Female	3-pin	matte black	-	-	15 mm (0.59 in)	7.5 mm (0.3 in)	68 g (2.4 oz)
	9 ... 52 V	2 mA	Mini XLR	Female	3-pin	matte black	9.7 mm (0.38 in)	14.2 mm (0.56 in)	26.7 mm (1.05 in)	-	18 g (0.63 oz)
	9 ... 52 V	2 mA	Balanced XLR	Male	3-pin	matte black	9.7 mm (0.38 in)	14.2 mm (0.56 in)	26.7 mm (1.05 in)	-	18 g (0.63 oz)
	2 ... 12 V	2 mA	Mini XLR	Female	3-pin	matte black	-	-	15 mm (0.59 in)	7.5 mm (0.3 in)	68 g (2.4 oz)
	2 ... 12 V	2 mA	Balanced XLR	Male	3-pin	matte black	-	-	15 mm (0.59 in)	7.5 mm (0.3 in)	68 g (2.4 oz)
	9 ... 52 V	2 mA	Balanced XLR	Male	3-pin	matte black	-	-	79 mm (3.11 in)	19 mm (0.75 in)	23 g (0.81 oz)
	9 ... 52 V	2 mA	Balanced XLR	Male	3-pin	satın nickel plated	-	-	160 mm (6.3 in)	19 mm (0.75 in)	125 g (4.41 oz)
	2 ... 12 V	2 mA	Mini XLR	Female	3-pin	matte black	-	47 mm (1.85 in)	235 mm (9.25 in)	-	46 g (1.62 oz)
	9 ... 52 V	2 mA	Mini XLR	Female	3-pin	matte black	-	47 mm (1.85 in)	200 mm (7.87 in)	-	220 g (7.76 oz)
	-	-	Mini XLR	Female	3-pin	matte black	-	47 mm (1.85 in)	200 mm (7.87 in)	-	220 g (7.76 oz)
	9 ... 52 V	2 mA	Mini XLR	Female	3-pin	matte black	-	47 mm (1.85 in)	213 mm (8.39 in)	-	195 g (6.88 oz)
	-	-	Mini XLR	Female	3-pin	matte black	-	47 mm (1.85 in)	213 mm (8.39 in)	-	195 g (6.88 oz)
	9 ... 52 V	2 mA	Mini XLR	Female	3-pin	matte black	195 mm (7.68 in)	-	195	0 ... 134 mm (0 ... 5.28 in)	26 g (0.92 oz)
	9 ... 52 V	2 mA	Balanced XLR	Male	3-pin	matte black	195 mm (7.68 in)	-	195	0 ... 134 mm (0 ... 5.28 in)	26 g (0.92 oz)
	9 ... 52 V	2.5 mA	Balanced XLR	Male	3-pin	matte black	-	-	184 mm (7.24 in)	46 mm (1.81 in)	300 g (10.58 oz)
	2 ... 12 V	2 mA	Mini XLR	Female	3-pin	matte black	-	-	-	130 mm (5.12 in)	30 g (1.06 oz)
	2 ... 12 V	2 mA	Mini XLR	Female	3-pin	matte black	-	-	-	134 mm (5.28 in)	26 g (0.92 oz)
	9 ... 52 V	2 mA	Balanced XLR	Male	3-pin	dark gray	-	-	253 mm (9.96 in)	21 mm (0.83 in)	160 g (5.64 oz)
	9 ... 52 V	2 mA	Balanced XLR	Male	3-pin	stage blue	-	-	-	9 ... 19 mm (0.35 ... 0.75 in)	25 g (0.88 oz)
	9 ... 52 V	3 mA	Balanced XLR	Male	3-pin	matte grayish blue	229 mm (9.02 in)	-	34 mm (1.34 in)	34 mm (1.34 in)	320 g (11.29 oz)
	9 ... 52 V	2 mA	Balanced XLR	Male	3-pin	dark gray	-	-	146 mm (5.75 in)	19 mm (0.75 in)	115 g (4.06 oz)
	48 V	2 mA	Balanced XLR	Male	3-pin	matte black	-	-	171 mm (6.73 in)	21 mm (0.83 in)	650 g (22.93 oz)
	48 ... 0 V	2 mA	Balanced XLR	Male	3-pin	matte black	-	-	173 mm (6.81 in)	21 mm (0.83 in)	140 g (4.94 oz)
	9 ... 52 V	2 mA	Balanced XLR	Male	6-pin	matte dark gray	120 mm (4.72 in)	185 mm (7.28 in)	19 mm (0.75 in)	-	160 g (5.64 oz)
	9 ... 52 V	2 mA	Balanced XLR	Male	3-pin	matte nickel plated	12 mm (0.47 in)	-	28 mm (1.1 in)	20 mm (0.79 in)	30 g (1.06 oz)

COMPARISON CHART

Small Diaphragm Condensor Microphones

Product		Polar Patterns		Technical Specification										
	Catalogue Page	Polar Pattern	Number	Audio Frequency bandwidth	Sensitivity	Max SPL	Equivalent Noise Level	Signal to Noise	Preattenuation Pad	Bass Cut Filter	Electrical Impedance	Recommended Load Impedance		
CBL410 PCC	156	hemispherical	1	20 ... 20000 Hz	3.88 mV/Pa	120 dB	-	> 58 dB-A	-	-	-	-		
CBL99	157	hemispherical	1	20 ... 20000 Hz	20 mV/Pa	130 dB	16 dB-A	> 78 dB-A	-	-	-	> 2000 Ohm		
CHM99	147	cardioid	1	70 ... 18000 Hz	18 mV/Pa	125 dB	21 dB-A	> 73 dB-A	-	-	< 600 Ohm	> 2000 Ohm		
CK61 ULS	19	cardioid	1	20 ... 20000 Hz	40 mV/Pa	134 dB 140 dB 144 dB	11 dB-A	> 81 dB-A	-	-	< 150 Ohm	> 2000 Ohm		
CK62 ULS	20	omnidirectional	1	20 ... 20000 Hz	20 mV/Pa	134 dB 140 dB 144 dB	11 dB-A	> 83 dB-A	-	-	< 150 Ohm	> 2000 Ohm		
CK63 ULS	20	hypercardioid	1	20 ... 20000 Hz	20 mV/Pa	134 dB 140 dB 144 dB	11 dB-A	> 83 dB-A	-	-	< 150 Ohm	> 2000 Ohm		
CK69 ULS	21	hypercardioid	1	20 ... 18000 Hz	27 mV/Pa	134 dB 140 dB 142 dB	9 dB-A	> 85 dB-A	-	-	< 150 Ohm	> 2000 Ohm		
CK77 WR	164	omnidirectional	1	20 ... 20000 Hz	8 mV/Pa	133 dB	37 dB-A	> 68 dB-A	-	-	< 3500 Ohm	> 10000 Ohm		
CK91	23	cardioid	1	20 ... 20000 Hz	10 mV/Pa	132 dB 142 dB	17 dB-A	> 77 dB-A	-	-	< 200 Ohm	-		
CK92	24	omnidirectional	1	20 ... 20000 Hz	10 mV/Pa	132 dB 142 dB	17 dB-A	> 77 dB-A	-	-	< 200 Ohm	> 1000 Ohm		
CK93	24	hypercardioid,	1	20 ... 20000 Hz	10 mV/Pa	132 dB 142 dB	17 dB-A	> 77 dB-A	-	-	< 200 Ohm	> 1000 Ohm		
CK94	25	figure eight	1	20 ... 20000 Hz	10 mV/Pa	132 dB 142 dB	22 dB-A	> 72 dB-A	-	-	< 200 Ohm	> 1000 Ohm		
CK97	164	cardioid	1	150 ... 18000 Hz	40 mV/Pa	130 dB	28 dB-A	> 66 dB-A	-	-	< 4000 Ohm	> 10000 Ohm		
CK98	25	hypercardioid	1	20 ... 20000 Hz	25 mV/Pa	124 dB 134 dB	17 dB-A	> 77 dB-A	10 dB	75 Hz, 12dB/octave	< 200 Ohm	> 1000 Ohm		
CK99 L	165	cardioid	1	15 ... 18000 Hz	8.8 mV/Pa	118 dB	34 dB-A	> 60 dB-A	-	-	< 200 Ohm	> 2000 Ohm		
CM311	55	cardioid	1	50 ... 17000 Hz	1.25 mV/Pa	148 dB	26 dB-A	> 68 dB-A	-	-	< 75 Ohm	-		
CM311 W/TA4F	55	cardioid	1	50 ... 17000 Hz	1.25 mV/Pa	148 dB	26 dB-A	> 68 dB-A	-	-	< 75 Ohms	-		
CM311 XLR	55	cardioid	1	50 ... 17000 Hz	1.25 mV/Pa	148 dB	26 dB-A	> 68 dB-A	-	-	< 75 Ohms	-		
HC577 L	56	omnidirectional	1	20 ... 20000 Hz	8 mV/Pa	133 dB	26 dB-A	> 68 dB-A	-	-	< 3500 Ohm	> 10000 Ohm		
MB3	155	supercardioid	1	50 ... 15000 Hz	22 mV/Pa	120 dB	22 dB-A	> 72 dB-A	-	-	-	-		
MB4	156	supercardioid	1	50 ... 15000 Hz	22 mV/Pa	120 dB	22 dB-A	> 72 dB-A	-	-	-	-		
P170	42	cardioid	1	20 ... 20000 Hz	12 mV/Pa	135 dB 155 dB	21 dB-A	> 73 dB-A	-	300 Hz, 12dB/octave	< 200 Ohm	> 1000 Ohm		
PCC130	154	cardioid	1	50 ... 20000 Hz	22 mV/Pa	120 dB	22 dB-A	> 72 dB-A	-	-	-	-		
PCC160	152	supercardioid	1	50 ... 18000 Hz	22 mV/Pa	120 dB	22 dB-A	> 72 dB-A	-	-	-	> 2000 Ohm		

	Powering Interface		Audio Output			Design	Dimensions / Weight				
	Voltage	Current	Type	Gender	Contacts	Finish	Length	Width	Height	Diameter	Net Weight
	1.5 ... 5 V	-	Jack Stereo (1/4")	Male	3-pin	black	114	114	21 mm (0.83 in)	114 mm (4.49 in)	159 g (5.61 oz)
	9 ... 52 V	2 mA	Balanced XLR	Male	3-pin	matte black	-	-	5 mm (0.2 in)	80 mm (3.15 in)	56 g (1.98 oz)
	9 ... 52 V	3 mA	Balanced XLR	Male	3-pin	matte black or white	-	-	55 mm (2.17 in)	13.5 mm (0.53 in)	20 g (0.71 oz)
	48 V	2 mA	Balanced XLR	Male	3-pin	matte black	-	-	27 mm (1.06 in)	21 mm (0.83 in)	25 g (0.88 oz)
	48 V	2 mA	Balanced XLR	Male	3-pin	matte black	-	-	27 mm (1.06 in)	21 mm (0.83 in)	25 g (0.88 oz)
	48 V	2 mA	Balanced XLR	Male	3-pin	matte black	-	-	27 mm (1.06 in)	21 mm (0.83 in)	25 g (0.88 oz)
	48 V	2 mA	Balanced XLR	Male	3-pin	matte black	-	-	27 mm (1.06 in)	21 mm (0.83 in)	70 g (2.47 oz)
	1.5 ... 12 V	0.6 mA	Mini XLR	Female	3-pin	various matte colors	-	-	14 mm (0.55 in)	5.5 mm (0.22 in)	0.4 g (0.01 oz)
	9 ... 52 V	2 mA	bayonet mount	-	-	dark gray	-	-	51 mm (2.01 in)	19 mm (0.75 in)	35 g (1.23 oz)
	9 ... 52 V	2 mA	bayonet mount	-	-	dark gray	-	-	51 mm (2.01 in)	19 mm (0.75 in)	35 g (1.23 oz)
	9 ... 52 V	2 mA	bayonet mount	-	-	dark gray	-	-	51 mm (2.01 in)	19 mm (0.75 in)	35 g (1.23 oz)
	9 ... 52 V	2 mA	bayonet mount	-	-	dark gray	-	-	59 mm (2.32 in)	19 mm (0.75 in)	45 g (1.59 oz)
	2 ... 12 V	2 mA	Mini XLR	Female	3-pin	matte dark gray	-	-	22 mm (0.86 in)	11 mm (0.43 in)	6 g (0.21 oz)
	9 ... 52 V	2 mA	bayonet mount	-	-	dark gray	-	-	262 mm (10.31 in)	0 ... 19 mm (0 ... 0.75 in)	80 g (2.82 oz)
	1.5 ... 10 V	2 mA	Mini XLR	Female	3-pin	matte black	-	-	23 mm (0.91 in)	8 mm (0.31 in)	2.5 g (0.09 oz)
	18 ... 48 V	-	Mini XLR	Female	3-pin	satın black	17.76 cm (6.99 in)	13.97 cm (5.5 in)	7.62 cm (3 in)	-	61 g (2.15 oz)
	-	-	Mini XLR	Female	4-pin	satın black	17.76 cm (6.99 in)	13.97 cm (5.5 in)	7.62 cm (3 in)	-	61 g (2.15 oz)
	18 ... 48 V	2 mA	Balanced XLR	Male	3-pin	satın black	17.76 cm (6.99 in)	13.97 cm (5.5 in)	7.62 cm (3 in)	-	61 g (2.15 oz)
	1.5 ... 12 V	0.6 mA	Mini XLR	Female	3-pin	flesh tone	-	-	205 mm (8.07 in)	145 mm (5.71 in)	28 g (0.99 oz)
	12 ... 48 V	-	Balanced XLR	Male	3-pin	satın black	-	-	84 mm (3.31 in)	27 mm (1.06 in)	78 g (2.75 oz)
	12 ... 48 V	-	Balanced XLR	Male	3-pin	satın black	38 mm (1.5 in)	-	15 mm (0.59 in)	-	97 g (3.42 oz)
	44 ... 52 V	2 mA	Balanced XLR	Male	3-pin	metallic blue	-	-	160 mm (6.3 in)	22 mm (0.87 in)	130 g (4.59 oz)
	12 ... 48 V	-	Switchcraft TB3M	Male	3-pin	satın black	89 mm (3.5 in)	64 mm (2.52 in)	25 mm (0.98 in)	-	-
	12 ... 48 V	-	Switchcraft TA3F	-	3-pin	black	170 mm (6.69 in)	80 mm (3.15 in)	20 mm (0.79 in)	-	-

COMPARISON CHART

Small Diaphragm Condensor Microphones

Product		Polar Patterns		Technical Specification										
	Catalogue Page	Polar Pattern	Number	Audio Frequency bandwidth	Sensitivity	Max SPL	Equivalent Noise Level	Signal to Noise	Preattenuation Pad	Bass Cut Filter	Electrical Impedance	Recommended Load Impedance		
PCC170	154	supercardioid	1	50 ... 20000 Hz	22 mV/Pa	120 dB	22 dB-A	> 72 dB-A	-	-	-	-		
PZM10	158	hemispherical	1	80 ... 20000 Hz	2.5 mV/Pa	120 dB	26 dB-A	> 68 dB-A	-	-	-	> 2000 Ohm		
PZM10 LL	158	hemispherical	1	80 ... 20000 Hz	2.5 mV/Pa	120 dB	26 dB-A	> 68 dB-A	-	-	-	> 2000 Ohm		
PZM11	159	hemispherical	1	80 ... 20000 Hz	5 mV/Pa	120 dB	26 dB-A	> 68 dB-A	-	-	-	-		
PZM11 LL WR	159	hemispherical	1	80 ... 10000 Hz	5 mV/Pa	100 dB	26 dB-A	> 68 dB-A	-	-	-	-		
PZM185	155	hemispherical	1	50 ... 16000 Hz	0.8 mV/Pa	120 dB	21 dB-A	> 73 dB-A	-	-	-	-		
PZM30 D	153	hemispherical	-	20 ... 20000 Hz	7 mV/Pa	150 dB	-	> 74 dB-A	-	-	-	-		
PZM6 D	153	hemispherical	-	20 ... 20000 Hz	7 mV/Pa	150 dB	-	> 74 dB-A	-	-	-	-		
SE300 B	22	-	-	20 ... 20000 Hz	-	-	-	> 77 dB-A	10 dB	75 Hz, 12dB/octave	-	> 1000 Ohm		
Sound Grabber II	157	hemispherical	-	50 ... 16000 Hz	20 mV/Pa	120 dB	-	> 73 dB-A	-	-	-	-		

	Powering Interface		Audio Output			Design	Dimensions / Weight				
	Voltage	Current	Type	Gender	Contacts	Finish	Length	Width	Height	Diameter	Net Weight
	12 ... 48 V	-	Switchcraft TB3M	Male	3-pin	black	123 mm (4.84 in)	86 mm (3.39 in)	23 mm (0.91 in)	-	-
	12 ... 48 V	-	Balanced XLR	Male	3-pin	off-white	-	-	72 mm (2.83 in)	39 mm (1.54 in)	74 g (2.61 oz)
	12 ... 48 V	-	Balanced XLR	Male	3-pin	off-white	-	-	72 mm (2.83 in)	39 mm (1.54 in)	74 g (2.61 oz)
	12 ... 48 V	-	screw material	-	-	off-white	115 mm (4.53 in)	70 mm (2.76 in)	29 mm (1.14 in)	-	71 g (2.5 oz)
	12 ... 24 V	-	screw material	-	-	silver gray	70 mm (2.76 in)	115 mm (4.53 in)	44 mm (1.73 in)	-	71 g (2.5 oz)
	12 ... 48 V	-	Balanced XLR	Male	3-pin	satin black	150 mm (5.91 in)	87 mm (3.43 in)	19 mm (0.75 in)	-	-
	12 ... 48 V	-	Balanced XLR	Male	3-pin	black	152 mm (5.98 in)	127 mm (5 in)	19 mm (0.75 in)	-	-
	12 ... 48 V	-	Balanced XLR	Male	3-pin	black	76 mm (2.99 in)	63 mm (2.48 in)	9 mm (0.35 in)	-	-
	9 ... 52 V	2 mA	Balanced XLR	Male	3-pin	dark gray	-	-	146 mm (5.75 in)	19 mm (0.75 in)	-
	-	-	Jack Mono (1/4")	Male	-	satin black	150 mm (5.91 in)	87 mm (3.43 in)	19 mm (0.75 in)	-	115 g (4.06 oz)

COMPARISON CHART

Dynamic Microphones

Product		Technical Specification						Audio Output			
	Catalogue Page	Polar Pattern	Audio Frequency bandwidth	Sensitivity	Max SPL	Electrical Impedance	Recommended Load Impedance	Type	Gender	Contacts	
BBB DFive	51	supercardioid	70 ... 20000 Hz	2.6 mV/Pa	156 dB	< 600 Ohm	> 2000 Ohm	Balanced XLR	Male	3-pin	
D112	61	cardioid	20 ... 17000 Hz	1.8 mV/Pa	160 dB	< 210 Ohm	> 2000 Ohm	Balanced XLR	Male	3-pin	
D12 VR	60	cardioid	17 ... 17000	1.2 mV/Pa	164 dB	< 0 Ohm	> 1000 Ohm	Balanced XLR	Male	3-pin	
D230	31	omnidirectional	40 ... 20000 Hz	2.5 mV/Pa	148 dB	< 320 Ohm	> 1000 Ohm	Balanced XLR	Male	3-pin	
D40	60	cardioid	75 ... 17000 Hz	2.2 mV/Pa	156 dB	< 200 Ohm	> 2000 Ohm	Balanced XLR	Male	3-pin	
D44 S	71	cardioid	70 ... 18000 Hz	2.5 mV/Pa	140 dB	< 600 Ohm	> 2000 Ohm	Convertible Jack Combo (1/4" and 1/8")	Male	3-pin	
D5	50	supercardioid	70 ... 20000 Hz	2.6 mV/Pa	156 dB	< 600 Ohm	> 2000 Ohm	Balanced XLR	Male	3-pin	
D55 S	71	cardioid	70 ... 18000 Hz	2.5 mV/Pa	142 dB	< 600 Ohm	> 2000 Ohm	Convertible Jack Combo (1/4" and 1/8")	Male	3-pin	
D58 E	167	hypercardioid	7 ... 10000 Hz	0.72 mV/Pa	130 dB	< 240 Ohm	> 500 Ohm	Balanced XLR	Male	3-pin	
D7	49	supercardioid	70 ... 20000 Hz	2.6 mV/Pa	156 dB	< 600 Ohm	> 2000 Ohm	Balanced XLR	Male	3-pin	
D770	51	cardioid	60 ... 20000 Hz	2.2 mV/Pa	156 dB	< 600 Ohm	> 2000 Ohm	Balanced XLR	Male	3-pin	
D88 S	70	supercardioid	40 ... 20000 Hz	2.5 mV/Pa	144 dB	< 580 Ohm	> 2000 Ohm	Balanced XLR	Male	3-pin	
DGN99	167	cardioid	150 ... 15000 Hz	2.2 mV/Pa	133 dB	< 530 Ohm	> 2000 Ohm	Balanced XLR	Male	3-pin	
DST99 S	166	cardioid	150 ... 15000 Hz	2.2 mV/Pa	133 dB	< 530 Ohm	> 2000 Ohm	Balanced XLR	Male	3-pin	
P2	69	cardioid	20 ... 16000 Hz	2.5 mV/Pa	152 dB	< 400 Ohm	> 2000 Ohm	Balanced XLR	Male	3-pin	
P3 S	69	cardioid	40 ... 20000 Hz	2.5 mV/Pa	144 dB	< 600 Ohm	> 2000 Ohm	Balanced XLR	Male	3-pin	
P4	68	cardioid	20 ... 16000 Hz	2.5 mV/Pa	157 dB	< 500 Ohm	> 2000 Ohm	Balanced XLR	Male	3-pin	
P5	68	supercardioid	40 ... 20000 Hz	2.5 mV/Pa	144 dB	< 580 Ohm	> 2000 Ohm	Balanced XLR	Male	3-pin	

	Design		Dimensions / Weight				
	Body	Finish	Length	Width	Height	Diameter	Net Weight
	Metall	matte black	185 mm (7.28 in)	-	-	51 mm (2.01 in)	320 g (11.29 oz)
	Metall	dark gray/silver	150 mm (5.91 in)	70 mm (2.76 in)	115 mm (4.53 in)	-	285 g (10.05 oz)
	metal	galvanized nickel matte/black	101 mm (3.98 in)	66 mm (2.6 in)	125 mm (4.92 in)	-	500 g (17.64 oz)
	Metall	dark gray	-	50 mm (1.97 in)	280 mm (11.02 in)	-	225 g (7.94 oz)
	Metall	dark stage blue	104 mm (4.09 in)	-	79 mm (3.11 in)	44 mm (1.73 in)	245 g (8.64 oz)
	Plastic	black	226 mm (8.9 in)	-	-	53 mm (2.09 in)	210 g (7.41 oz)
	Metall	dark stage blue	185 mm (7.28 in)	-	-	51 mm (2.01 in)	320 g (11.29 oz)
	Metall	black	243 mm (9.57 in)	-	-	52.5 mm (2.07 in)	250 g (8.82 oz)
	Metall	matte black	42 mm (1.65 in)	-	-	0 ... 20 mm (0 ... 0.79 in)	40 g (1.41 oz)
	Metall	dark stage blue	185 mm (7.28 in)	-	-	51 mm (2.01 in)	320 g (11.29 oz)
	Metall	black	181 mm (7.13 in)	-	-	50 mm (1.97 in)	290 g (10.23 oz)
	Metall	black	186 mm (7.32 in)	-	-	52.5 mm (2.07 in)	260 g (9.17 oz)
	-	matte black	345 mm (13.58 in)	-	-	34 mm (1.34 in)	-
	-	matte black	120 mm (4.72 in)	300 mm (11.81 in)	160 mm (6.3 in)	-	-
	Metall	black	130 mm (5.12 in)	-	132 mm (5.2 in)	60 mm (2.36 in)	400 g (14.11 oz)
	Metall	black	190 mm (7.48 in)	-	-	51 mm (2.01 in)	320 g (11.29 oz)
	Metall	black	110 mm (4.33 in)	-	78 mm (3.07 in)	44 mm (1.73 in)	245 g (8.64 oz)
	Metall	black	190 mm (7.48 in)	-	-	51 mm (2.01 in)	320 g (11.29 oz)

COMPARISON CHART

Gooseneck Microphones

Product		Polar Patterns	Technical Specification								
	Catalogue Page	Polar Pattern	Audio Frequency bandwidth	Sensitivity	Max SPL	Equivalent Noise Level	Signal to Noise	Bass Cut Filter	Electrical Impedance	Recommended Load Impedance	
GN M	136	-	-	-	-	-	-	-	-	-	
GN155 M	137	-	-	-	-	-	-	-	-	-	
HM1000 M	137	-	-	-	-	-	-	-	-	-	
PAESP M	138	-	20 ... 20000 Hz	-	-	-	-	150 Hz, 6dB/octave	-	> 2000 Ohm	
PAE5 M	138	-	20 ... 20000 Hz	-	-	-	-	150 Hz, 6dB/octave	-	> 2000 Ohm	
PAE M	138	-	20 ... 20000 Hz	-	-	-	-	150 Hz, 6dB/octave	-	> 2000 Ohm	
CK41	135	cardioid	60 ... 20000 Hz	5 mV/Pa	142 dB	30 dB-A	> 64 dB-A	-	-	-	
CK43	135	supercardioid	80 ... 20000 Hz	5 mV/Pa	142 dB	30 dB-A	> 64 dB-A	-	-	-	
CK49	134	hypercardioid	60 ... 20000 Hz	10 mV/Pa	136 dB	30 dB-A	> 64 dB-A	-	-	-	
GN	144	-	20 ... 20000 Hz	-	-	-	-	250 Hz	-	> 2000 Ohm	
GN E	144	-	20 ... 20000 Hz	-	-	-	-	250 Hz	-	> 2000 Ohm	
GN E5 Pin	145	-	20 ... 20000 Hz	-	-	-	-	-	-	> 6000 Ohm	
GN ESP	145	-	20 ... 20000 Hz	-	-	-	-	-	-	> 2000 Ohm	
GN155 Set	143	-	20 ... 20000 Hz	-	-	-	-	-	-	> 2000 Ohm	
HM1000	143	-	-	-	-	-	-	250 Hz	-	> 2000 Ohm	
CK31	141	cardioid	50 ... 20000 Hz	20 mV/Pa	125 dB	21 dB-A	> 73 dB-A	-	< 600 Ohm	> 2000 Ohm	
CK32	141	omnidirectional	20 ... 20000 Hz	14 mV/Pa	125 dB	20 dB-A	> 74 dB-A	-	< 600 Ohm	> 2000 Ohm	
CK33	140	hypercardioid	50 ... 20000 Hz	20 mV/Pa	125 dB	21 dB-A	> 73 dB-A	-	< 600 Ohm	> 2000 Ohm	
CK47	142	hypercardioid	20 ... 20000 Hz	16.5 mV/Pa	133 dB	20 dB-A	> 74 dB-A	-	< 600 Ohm	> 2000 Ohm	
CK80	142	hypercardioid	60 ... 15000 Hz	30 mV/Pa	125 dB	17 dB-A	> 77 dB-A	-	< 600 Ohm	> 2000 Ohm	
CGN99 C	146	cardioid	70 ... 18000 Hz	-	125 dB	21 dB-A	> 73 dB-A	250 Hz	< 600 Ohm	> 2000 Ohm	
CGN99 H	147	hypercardioid	50 ... 19000 Hz	12 mV/Pa	125 dB	21 dB-A	> 73 dB-A	-	< 600 Ohm	> 2000 Ohm	
CGN321 STS	148	cardioid	70 ... 18000 Hz	-	125 dB	30 dB-A	> 64 dB-A	-	-	> 2000 Ohm	
CGN521 STS	149	-	70 ... 18000 Hz	-	125 dB	30 dB-A	> 64 dB-A	-	-	> 2000 Ohm	

	Powering Interface		Audio Output			Design	Dimensions / Weight			
	Voltage	Current	Type	Gender	Contacts	Finish	Length	Height	Diameter	Net Weight
	-	-	Modular Series standard	-	-	-	-	-	6 ... 11.3 mm (0.24 ... 0.44 in)	-
	-	-	Modular Series standard	-	-	-	-	1490 mm (58.66 in)	6 ... 11.3 mm (0.24 ... 0.44 in)	4.2 kg (9.26 lbs)
	-	-	-	-	-	-	10 m (32.81 ft)	-	6 ... 11.3 mm (0.24 ... 0.44 in)	184 g (6.49 oz)
	15 ... 52 V	4 mA	Balanced XLR	Male	3-pin	-	-	100.5 mm (3.96 in)	19.1 ... 0 mm (0.75 ... 0 in)	63 g (2.22 oz)
	15 ... 52 V	3.5 mA	Balanced XLR	Male	5-pin	-	-	65.5 mm (2.58 in)	19.1 ... 0 mm (0.75 ... 0 in)	43 g (1.52 oz)
	15 ... 52 V	3.5 mA	Balanced XLR	Male	3-pin	-	-	65.5 mm (2.58 in)	19.1 ... 0 mm (0.75 ... 0 in)	43 g (1.52 oz)
	-	-	Modular Series standard	-	-	-	-	20 mm (0.79 in)	9 ... 0 mm (0.35 ... 0 in)	3.9 g (0.14 oz)
	-	-	Modular Series standard	-	-	-	-	20 mm (0.79 in)	9 ... 0 mm (0.35 ... 0 in)	3.9 g (0.14 oz)
	-	-	Modular Series standard	-	-	-	-	20 mm (0.79 in)	9 ... 0 mm (0.35 ... 0 in)	24.9 g (0.88 oz)
	9 ... 52 V	3 mA	Balanced XLR	Male	3-pin	matte dark gray	-	-	20 mm (0.79 in)	-
	9 ... 52 V	3 mA	Balanced XLR	Male	3-pin	matte dark gray	-	-	20 mm (0.79 in)	-
	9 ... 52 V	3 mA	Balanced XLR	Male	3-pin	matte dark gray	-	1490 mm (58.66 in)	20 mm (0.79 in)	-
	9 ... 52 V	3.5 mA	Balanced XLR	Male	3-pin	matte dark gray	-	-	20 mm (0.79 in)	-
	9 ... 52 V	3 mA	Balanced XLR	Male	3-pin	matte dark gray	-	1490 mm (58.66 in)	20 mm (0.79 in)	-
	9 ... 52 V	2 mA	Balanced XLR	Male	3-pin	matte dark gray	-	50 mm (1.97 in)	13.5 mm (0.53 in)	400 g (14.11 oz)
	9 ... 52 V	3 mA	Modular Series standard	-	-	matte dark gray	-	20 mm (0.79 in)	13.5 mm (0.53 in)	5 g (0.18 oz)
	9 ... 52 V	3 mA	Modular Series standard	-	-	matte dark gray	-	20 mm (0.79 in)	13.5 mm (0.53 in)	5 g (0.18 oz)
	9 ... 52 V	3 mA	Modular Series standard	-	-	matte dark gray	-	20 mm (0.79 in)	13.5 mm (0.53 in)	5 g (0.18 oz)
	9 ... 52 V	3 mA	Modular Series standard	-	-	matte dark gray	-	200 mm (7.87 in)	13.5 mm (0.53 in)	39 g (1.38 oz)
	9 ... 52 V	3 mA	Modular Series standard	-	-	matte dark gray	-	146 mm (5.75 in)	13.5 mm (0.53 in)	15 g (0.53 oz)
	9 ... 52 V	3 mA	Balanced XLR	Male	3-pin	matte black	-	380 mm (14.96 in)	13.5 mm (0.53 in)	160 g (5.64 oz)
	9 ... 52 V	3 mA	Balanced XLR	Male	3-pin	black	-	380 mm (14.96 in)	13.5 mm (0.53 in)	160 g (5.64 oz)
	9 ... 52 V	3 mA	Balanced XLR	Male	3-pin	matte black	-	300 mm (11.81 in)	-	950 g (33.51 oz)
	9 ... 52 V	3 mA	Balanced XLR	Male	3-pin	matte black	500 mm (19.69 in)	-	-	960 g (33.86 oz)

COMPARISON CHART

Wireless Handheldtransmitter

Product		Technical Specification										
	Catalogue Page	Switching bandwidth	Maximum recommended simultaneous channels	Number of selectable frequencies	Frequency Selection	RF Range	Switchable RF Power	Modulation	Encryption	Diversity	Pilot Tone	
DHT70	107	48 MHz	4	Frequency hopping	Frequency hopping - Automatic DFS (dynamic frequency selection)	30 m	No	OFDM	128 bit	Digital Diversity	No	
DHT700 V2	77	155 MHz	32	6160	selectable frequency in 25kHz steps	100 m	Yes	Digital FSK	512 bit	Digital Diversity	Yes	
HT40 Mini	115	-	3	1	-	20 m	No	FM (Frequency Modulation)	-	-	No	
HT45	111	30 MHz	5	8	Frequency hopping - Automatic DFS (dynamic frequency selection)	30 m	No	FM (Frequency Modulation)	-	-	No	
HT470	87	30 MHz	24	1220	selectable frequency in 25kHz steps	100 m	No	FM (Frequency Modulation)	-	-	Yes	
HT4500	79	30 MHz	50	1220	selectable frequency in 25kHz steps	100 m	No	FM (Frequency Modulation)	-	-	Yes	

Wireless Body-pack Transmitter

Product		Technical Specification												
	Catalogue Page	Switching bandwidth	Maximum recommended simultaneous channels	Number of selectable frequencies	Frequency Selection	RF Range	Switchable RF Power	Modulation	Diversity	Pilot Tone	Audio Frequency bandwidth	THD at 1 kHz	Signal to Noise	
DPT70	107	48 MHz	4	Frequency hopping	-	30 m	No	OFDM	Digital Diversity	No	20 ... 20000 Hz	0.05 % typ.	> 120 dB-A	
DPT700 V2	77	155 MHz	32	6160	selectable frequency in 25kHz steps	100 m	Yes	Digital FSK	Digital Diversity	Yes	25 ... 20000 Hz	0.05 % typ.	> 120 dB-A	
PT40 Mini	115	-	3	1	Fixed frequency	20 m	No	FM (Frequency Modulation)	-	No	40 ... 20000 Hz	0.8 % typ.	> 110 dB-A	
PT45	111	30 MHz	5	8	-	30 m	No	FM (Frequency Modulation)	-	No	40 ... 20000 Hz	0.8 % typ.	> 105 dB-A	
PT470	87	30 MHz	24	1220	selectable frequency in 25kHz steps	100 m	No	FM (Frequency Modulation)	-	Yes	35 ... 20000 Hz	0.7 % typ.	> 120 dB-A	
PT4500	79	30 MHz	50	1220	selectable frequency in 25kHz steps	100 m	No	FM (Frequency Modulation)	-	Yes	35 ... 20000 Hz	0.3 % typ.	> 120 dB-A	

Technical Specification						Battery		Design		Dimensions / Weight		
Audio Frequency bandwidth	THD at 1 kHz	Signal to Noise	Microphone head versions	Interchangeable Microphone Head	No of Batteries	Batterietype	Operating Time	Body	Finish	Height	Width	Net Weight
70 ... 20000 Hz	0.05 % yp.	> 120 dB-A	D5 P5	No	2	LR6 AA alkaline battery	> 6 h	Plastic	black	233	51	260 g (9.17 oz)
25 ... 20000 Hz	0.05 % typ.	> 120 dB-A	D5 D7 C5 C5	No	2	LR6 AA alkaline battery	> 7 h	Metall	dark blue	230 mm (9.06 in)	51 mm (2.01 in)	336 g (11.85 oz)
40 ... 20000 Hz	0.8 % typ.	> 110 dB-A	P5	No	1	LR6 AA alkaline battery	> 30 h	Plastic	black	230 mm (9.06 in)	51 mm (2.01 in)	195 g (6.88 oz)
70 ... 20000 Hz	0.8 % typ.	> 105 dB-A	P5	No	1	LR6 AA alkaline battery	> 30 h	Plastic	black	237 mm (9.33 in)	51 mm (2.01 in)	214 g (7.55 oz)
35 ... 20000 Hz	0.7 % typ.	> 120 dB-A	D5 C5	No	1	LR6 AA alkaline battery	> 7 h	Plastic	black	237 mm (9.33 in)	51 mm (2.01 in)	240 g (8.47 oz)
35 ... 20000 Hz	0.3 % typ.	> 120 dB-A	D5 WL1 C5 WL1 C535 WL1 D7 WL1	Yes	2	LR6 AA alkaline battery	> 15 h	Metall	black	247 mm (9.72 in)	51 mm (2.01 in)	125 g (4.41 oz)

	Audio Input			Mute Switch Interface		Battery			Design		Dimensions / Weight			
	Type	Contacts	Maximum audio level	Type	Gender	No of Batteries	Batterietype	Operating Time	Body	Finish	Length	Height	Width	Net Weight
	Mini XLR	3-pin	12 dBu	-	-	2	LR6 AA alkaline battery	> 6 h	Plastic	black	64 mm (2.52 in)	92 mm (3.62 in)	28 mm (1.1 in)	70 g (2.47 oz)
	Mini XLR	3-pin	12 dBu	Jack Mono (1/4")	Female	2	LR6 AA alkaline battery	> 7 h	Metall	black	22 mm (0.87 in)	82 mm (3.23 in)	64 mm (2.52 in)	82 g (2.89 oz)
	Mini XLR	3-pin	12 dBu	-	-	1	LR6 AA alkaline battery	> 30 h	Plastic	black	60 mm (2.36 in)	75.5 mm (2.97 in)	30 mm (1.18 in)	60 g (2.12 oz)
	Mini XLR	3-pin	12 dBu	-	-	1	LR6 AA alkaline battery	> 8 h	Plastic	black	60 mm (2.36 in)	75.5 mm (2.97 in)	30 mm (1.18 in)	60 g (2.12 oz)
	Mini XLR	3-pin	12 dBu	Jack Mono (1/4")	Female	1	LR6 AA alkaline battery	> 7 h	Plastic	black	30 mm (1.18 in)	73.5 mm (2.89 in)	60 mm (2.36 in)	90 g (3.17 oz)
	Mini XLR	3-pin	12 dBu	Jack Mono (1/4")	Female	2	LR6 AA alkaline battery	> 15 h	Metall	black	25 mm (0.98 in)	91 mm (3.58 in)	70 mm (2.76 in)	95 g (3.35 oz)

COMPARISON CHART

Wireless Stationary Receiver

Product		Technical Specification												
	Catalogue Page	Switching bandwidth	Maximum recommended simultaneous channels	Number of selectable frequencies	Frequency Selection	Wireless channels within device	RF Range	Switchable RF Power	Modulation	Encryption	Diversity	Pilot Tone	Audio Frequency bandwidth	
DSR70 Dual	105	48 MHz	2	Frequency hopping	-	2	30 m	No	OFDM	128 bit	Digital Diversity	Yes	20 ... 20000 Hz	
DSR70 Quattro	106	48 MHz	4	Frequency hopping	-	4	30 m	No	OFDM	128 bit	Digital Diversity	Yes	20 ... 20000 Hz	
DSR700 V2	76	155 MHz	32	6160	selectable frequency in 25kHz steps	2	100 m	Yes	Digital FSK	512 bit	Digital Diversity	Yes	25 ... 20000 Hz	
SR40 Mini	114	-	3	1	Fixed frequency	1	20 m	No	FM (Frequency Modulation)	-	-	No	40 ... 20000 Hz	
SR40 Mini Dual	114	-	-	1	Fixed frequency	2	20 m	No	FM (Frequency Modulation)	-	-	No	40 ... 20000 Hz	
SR45	110	30 MHz	5	8	-	1	30 m	No	FM (Frequency Modulation)	-	Digital Diversity	No	40 ... 20000 Hz	
SR470	86	30 MHz	32	1220	selectable frequency in 25kHz steps	1	100 m	No	FM (Frequency Modulation)	-	Digital Diversity	Yes	35 ... 20000 Hz	
SR4500	78	30 MHz	50	1220	selectable frequency in 25kHz steps	1	100 m	No	FM (Frequency Modulation)	-	True Diversity	Yes	35 ... 20000 Hz	

Product	Audio Outputs 2					Audio Outputs 3					Audio Outputs 4					
	Amount	Type	Gender	Contacts	Note	Amount	Type	Gender	Contacts	Note	Amount	Type	Gender	Contacts	Note	
DSR70 Dual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DSR70 Quattro	1	Balanced XLR	Male	3-pin	Sum audio output of all 4 mixed wireless channels	-	-	-	-	-	-	-	-	-	-	
DSR700 V2	2	Unbalanced Jack (1/4")	Female	3-pin	Unbalanced audio output	1	Balanced XLR	Female	3-pin	AES/EBU digital audio out for both channels (48kHz)	1	Jack Stereo (1/4")	Female	3-pin	Headphone audio output	
SR40 Mini	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SR40 Mini Dual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SR45	1	Jack Mono (1/4")	-	3-pin	Unbalanced audio output	-	-	-	-	-	-	-	-	-	-	
SR470	1	Unbalanced Jack (1/4")	Female	3-pin	Unbalanced audio output	-	-	-	-	-	-	-	-	-	-	
SR4500	1	Unbalanced Jack (1/4")	Female	3-pin	Unbalanced audio output	-	-	-	-	-	-	-	-	-	-	

	Technical Specification				Antenna Interface				Audio Outputs 1				
	THD at 1 kHz	Signal to Noise	Operating temperature range	RF Sensitivity	Amount	Type	Gender	Note	Amount	Type	Gender	Contacts	Note
	0.05 % typ.	> 120 dB-A	-10 ... 55	-90 dBm	-	External Antenna fixed	-	-	2	Balanced Jack (1/4")	Male	3-pin	Balanced audio output for each wireless channel
	0.05 % typ.	> 120 dB-A	-10 ... 55	-90 dBm	-	External Antenna fixed	-	-	4	Balanced XLR	Male	3-pin	Balanced audio output for each wireless channel
	0.05 % typ.	> 120 dB-A	-10 ... 55	-98 dBm	2	BNC	Female	Radio input for connection to remote antennas	2	Balanced XLR	Male	3-pin	Balanced audio output
	0.8 % typ.	> 110 dB-A	-10 ... 55	-100 dBm	-	External Antenna fixed	-	-	1	Unbalanced Jack (1/4")	Female	3-pin	Unbalanced audio output level, adjustable at rated deviation: 500 mV
	0.8 % typ.	> 110 dB-A	-10 ... 55	-100 dBm	-	External Antenna fixed	-	-	2	Unbalanced Jack (1/4")	Female	3-pin	Unbalanced audio output level for each channel, adjustable at rated deviation: 500 mV
	0.8 % typ.	> 105 dB-A	-10 ... 55	-100 dBm	-	Internal Antenna fixed	-	-	1	Balanced XLR	Male	3-pin	Balanced audio output adjustable from mic to line level. Output level at rated deviation: 500 mV rms
	0.3 % typ.	> 120 dB-A	-10 ... 55	-100 dBm	2	BNC	Female	Radio input for connection to remote antennas	1	Balanced XLR	Male	3-pin	Balanced audio output level switchable to -30 or 0 dB
	0.3 % typ.	> 120 dB-A	-10 ... 55	-100 dBm	2	BNC	Female	Radio input for connection to remote antennas	1	Balanced XLR	Male	3-pin	Balanced audio output level adjustable to -30, 0 +6 dB

Data Interface					Powering Interface				Design		Dimensions / Weight			
Amount	Gender	Contacts	Note	Type	Internal Power Supply	Voltage	Current	Type	Body	Finish	Length	Height	Width	Net Weight
-	-	-	-	-	No	12 V	500 mA	DC Socket	Metall	black	124 mm (4.88 in)	44 mm (1.73 in)	202 mm (7.95 in)	-
-	-	-	-	-	No	12 V	500 mA	DC Socket	Metall	black	144 mm (5.67 in)	42 mm (1.65 in)	303 mm (11.93 in)	1180 g (41.62 oz)
1	Female	4-pin	Connector for optional HUB4000Q for remote computer control	RJ 10 data (4P4C)	Yes	90 ... 240 VAC	400 mA	IEC Socket	Metall	dark blue/silver	222 mm (8.74 in)	43 mm (1.69 in)	480 mm (18.9 in)	2300 g (81.13 oz)
-	-	-	-	-	No	12 V	500 mA	DC Socket	Metall	black	132 mm (5.2 in)	43 mm (1.69 in)	133 mm (5.24 in)	581 g (20.49 oz)
-	-	-	-	-	No	12 V	500 mA	DC Socket	Metall	black	132 mm (5.2 in)	43 mm (1.69 in)	133 mm (5.24 in)	-
-	-	-	-	-	No	12 V	500 mA	DC Socket	Plastic	black	150 mm (5.91 in)	44 mm (1.73 in)	200 mm (7.87 in)	360 g (12.7 oz)
-	-	-	-	-	No	12 V	500 mA	Lockable DC Socket	Metall	black	44 mm (1.73 in)	202 mm (7.95 in)	177 mm (6.97 in)	972 g (34.29 oz)
1	Female	4-pin	Connector for optional HUB4000Q for remote computer control	RJ 10 data (4P4C)	No	12 V	500 mA	Lockable DC Socket	Metall	black	198 mm (7.8 in)	44 mm (1.73 in)	200 mm (7.87 in)	972 g (34.29 oz)

COMPARISON CHART

Network

Product		Data Interface 1					Data Interface 2				
	Catalogue Page	Amount	Type	Gender	Contacts	Note	Amount	Type	Gender	Note	
HUB4000 Q	100	8	RJ 10 data (4P4C)	Female	4-pin	for connection with AKG Wireless devices such as SR4500, SST4500, DSR700	1	RJ 45 Ethernet	Female	for connection with HiQnet ethernet network	

IVM Stationary Transmitter

Product		Technical Specification												Antenna Interface				
	Catalogue Page	Maximum recommended simultaneous channels	Number of selectable frequencies	Frequency Selection	Wireless channels within device	RF Range	Switchable RF Power	Modulation	Pilot Tone	Audio Frequency bandwidth	THD at 1 kHz	Signal to Noise	Peak deviation	Nominal deviation	Amount	Type	Gender	Note
SST4500 IEM	90	20	1220	selectable frequency in 25kHz steps	1	100 m	Yes	FM (MPX Stereo)	Yes	35 ... 20000 Hz	0.8 % typ.	> 90 dB-A	48 kHz	16 kHz	1	BNC	Male	Radio output for connection with external antennas

IVM Body-pack Receiver

Product		Technical Specification												
	Catalogue Page	Switching bandwidth	Maximum recommended simultaneous channels	Number of selectable frequencies	Frequency Selection	Wireless channels within device	RF Range	Modulation	Diversity	Audio Frequency bandwidth	THD at 1 kHz	Signal to Noise	RF Sensitivity	
PR4500 ENG	84	30 MHz	60	1220	selectable frequency in 25kHz steps	14	100 m	FM (Frequency Modulation)	Space Diversity	35 ... 20000 Hz	0.8 %	> 100 dB-A	-100 dBm	
SPR4500 IEM	91	30 MHz	20	1220	selectable frequency in 25kHz steps	14	100 m	FM (MPX Stereo)	Space Diversity	35 ... 20000 Hz	0.8 % typ.	> 90 dB-A	-100 dBm	

	Powering Interface				Design		Dimensions / Weight			
	Internal Power Supply	Voltage	Current	Type	Body	Finish	Length	Height	Width	Net Weight
	No	12 V	500 mA	Lockable DC Socket	Metall	matte black	136 mm (5.35 in)	440 mm (17.32 in)	200 mm (7.87 in)	970 g (34.22 oz)

	Audio Input L/R		Audio Line Output Stereo			Data Interface			Powering Interface				Dimensions / Weight		
	Maximum audio level	Type	Gender	Maximum audio level	Type	Amount	Type	Note	Internal Power Supply	Voltage	Current	Type	Height	Width	Depth
	13 dBu	Balanced XLR/ jack(1/4") combo socket	Female	3 dBu	Jack Stereo (1/4")	1	RJ 10 data (4P4C)	Connector for optional HUB4000Q for remote computer control	No	12 V	500 mA	Lockable DC Socket	44 mm (1.73 in)	200 mm (7.87 in)	207 mm (8.15 in)

	Antenna Interface		Audio Outputs 1					Audio Outputs 2					Battery			Design		Dimensions / Weight			
	Amount	Type	Amount	Type	Gender	Contacts	Note	Amount	Type	Gender	Contacts	Note	No of Batteries	Batterietype	Operating Time	Body	Finish	Length	Width	Height	Net Weight
	2	External Antenna fixed	1	-	Female	2-pin	Audio output for connection to camera	1	Jack Stereo (1/8")	Female	3-pin	Audio output for connection to head- phones	2 Stk	LR6 AA alkaline battery	> 12 h	metal	black	70 mm (2.76 in)	25 mm (0.98 in)	91 mm (3.58 in)	165 g (5.82 oz)
	2	Internal Antenna fixed	1	Jack Stereo (1/8")	Female	3-pin	Audio output for connection to in ear head- phones	-	-	-	-	-	2 Stk	LR6 AA alkaline battery	> 7 h	Metall	black	24 mm (0.94 in)	70 mm (2.76 in)	105 mm (4.13 in)	165 g (5.82 oz)

COMPARISON CHART

Antennas

Product		Technical Specification			Antenna Output				Powering Interface			Design		Dimensions / Weight			
	Catalogue Page	Switching bandwidth (from/to)	Antenna Gain	Covering Angle	Amount	Type	Gender	Note	Voltage	Current	Type	Body	Finish	Length	Height	Width	Net Weight
FLOORPAD ANTENNA	94	470.000 ... 740.000 MHz	-1 dB	180	1	BNC	Female	-	-	-	-	flexible plastic	stage gray	483 mm (19.02 in)	7 mm (0.28 in)	-	1500 g (52.91 oz)
HELICAL ANTENNA	95	470.000 ... 740.000 MHz	9 dB	63	1	N	Female	-	-	-	-	nylon	black	305 mm (12.01 in)	355 mm (13.98 in)	355 mm (13.98 in)	1200 g (42.33 oz)
RA4000 B/W	93	500.000 ... 865.000 MHz	17 dB	360	1	BNC	Female	RF output (50 Ohms)	8 V	35 mA	BNC	Plastic	black	220 mm (8.66 in)	-	38 mm (1.5 in)	65 g (2.29 oz)
RA4000 W	93	500.000 ... 865.000 MHz	1 dB	360	1	BNC	Female	RF output (50 Ohms)	-	-	-	Plastic	black	220 mm (8.66 in)	-	38 mm (1.5 in)	65 g (2.29 oz)
SRA2 B/W	92	500.000 ... 865.000 MHz	21.5 dB	70	1	BNC	Female	RF output (50 Ohms)	8 V	35 mA	BNC	Plastic	black	240 mm (9.45 in)	230 mm (9.06 in)	26 mm (1.02 in)	250 g (8.82 oz)
SRA2 W	92	500.000 ... 865.000 MHz	4.5 dB	70	1	BNC	Female	RF output (50 Ohms)	-	-	-	Plastic	black	240 mm (9.45 in)	230 mm (9.06 in)	26 mm (1.02 in)	250 g (8.82 oz)

Antenna Splitter / Combiner

Product		Technical Specification		Antenna Input							
	Catalogue Page	Switching bandwidth (from/to)		Amount	Type	Output Voltage	Output Current	Recommended Load Impedance	Gender	Note	
PS4000 W	96	500.000 ... 865.000 MHz		2	BNC	12	600 mA	> 50 Ohm	Female	RF input (50 Ohms)	
ZAPD 21	96	500.000 ... 2000.000 MHz		1	BNC	-	-	> 50 Ohm	Female	RF input (50 Ohms)	
SPC4500		500.000 ... 865.000 MHz		4	BNC	12	w2 A	> 50 Ohm	Female	RF input (50 Ohms), max. 50mW	

Booster

Product		Technical Specification		Antenna Input				Antenna Output				Design		Dimensions / Weight			
	Catalogue Page	Switching bandwidth (from/to)		Amount	Type	Gender	Note	Amount	Type	Gender	Note	Body	Finish	Length	Height	Width	Net Weight
AB4000	97	500.000 ... 865.000 MHz		1	BNC	Female	RF input (50 Ohms)	1	BNC	Female	RF output (50 Ohms)	Metall	black	110 mm (4.33 in)	50 mm (1.97 in)	50 mm (1.97 in)	150 g (5.29 oz)

Power Supplies

Product		Powering Input				Powering Output					Design		Dimensions / Weight			
	Catalogue Page	Gender	Voltage	Current	Type	Amount	Output Voltage	Output Current	Gender	Type	Body	Finish	Length	Height	Width	Net Weight
ASU4000	97	Male	12 V	500 mA	Lockable DC Socket	1	8 V	500 mA	Male	BNC	Metall	black	110 mm (4.33 in)	50 mm (1.97 in)	50 mm (1.97 in)	165 g (5.82 oz)
PSU4000	103	Male	90 ... 264 VAC	900 A	IEC Socket	3	12 V 12 V 12 V	2.5 A 2 A 2 A	Male	Lockable DC Socket	Metall	black	190 mm (7.48 in)	44 mm (1.73 in)	200 mm (7.87 in)	1300 g (45.86 oz)

Antenna Output						Powering Interface				Design		Dimensions / Weight			
Amount	Type	Recommended Load Impedance	Gender	RF Gain	Note	Internal Power Supply	Voltage	Current	Type	Body	Finish	Length	Height	Width	Net Weight
10	BNC	> 50 Ohm	Female	-	RF Output (50 Ohms)	No	12 V	2 A	Lockable DC Socket	Metall	black	190 mm (7.48 in)	44 mm (1.73 in)	200 mm (7.87 in)	970 g (34.22 oz)
2	BNC	-	Female	-3.5 dB	RF output (50 Ohms)	-	-	-	-	Metall	silver gray	7.5 cm (2.95 in)	2 cm (0.79 in)	5 cm (1.97 in)	100 g (3.53 oz)
1	BNC	> 50 Ohm	Female	-	RF Output (50 Ohms)	No	12 V	1.4 A	Lockable DC Socket	Metall	black	190 mm (7.48 in)	44 mm (1.73 in)	200 mm (7.87 in)	1193 g (42.08 oz)

Charging Units

Product		Technical Specification				Powering	Design		Dimensions / Weight			
	Catalogue Page	Charging current	Charging time	Number of charging slots		Voltage	Body	Finish	Width	Height	Depth	Net Weight
CU400	103	0.7 ... 1.4 A	1 ... 1.5 h	for 2 HT450/470 or PT450/470		5 V	Plastic	black	188 mm (7.4 in)	115 mm (4.53 in)	78 mm (3.07 in)	420 g (14.82 oz)
CU4000	102	1.4 ... 1.4 A	1 ... 1.5 h	for 2 HT4500, 2 PT4500, 2 SPR4500 or 2 BP4000		12 V	Plastic	black	173 mm (6.81 in)	85 mm (3.35 in)	30 mm (1.18 in)	70 g (2.47 oz)
CU700	102	1.4 ... 1.4 A	1 ... 1.5 h	for 2 DHT700 or DPT700		12 V	Plastic	black	197 mm (7.76 in)	83 mm (3.27 in)	87.5 mm (3.44 in)	620 g (21.87 oz)

COMPARISON CHART

Headsets / Headphones

Product		Technical Specification							Audio Interface				
	Catalogue Page	Headphone type	Audio Frequency bandwidth	Sensitivity headphones	Max. Input Power	Rated Impedance	Earpads	Detachable cable	Type	Gender	Contacts	Interface Finish	
HSC271	32	closed	16 ... 28000 Hz	104 dB/V	< 200 mW	55 Ohm	Leatherette Velvet	Yes	Mini XLR	Male	6-pin	Gold	
HSC171	32	closed	18 ... 26000 Hz	107 dB/V	< 200 mW	55 Ohm	Leatherette Velvet	Yes	Mini XLR	Male	6-pin	Gold	
HSD271	33	closed	16 ... 28000 Hz	104 dB/V	-	55 Ohm	Leatherette Velvet	Yes	Mini XLR	Male	6-pin	Gold	
HSD171	33	closed	18 ... 26000 Hz	107 dB/V	-	55 Ohm	Leatherette Velvet	Yes	Mini XLR	Male	6-pin	Gold	
K267 TIĚSTO	122	closed	5 ... 30 Hz	112 dB/V	-	32 Ohm	Leatherette	Yes	Screw-on Jack Combo (1/4" and 1/8")	Male	3-pin	Gold	
K167 TIĚSTO	123	closed	10 ... 27000 Hz	112 dB/V	-	32 Ohm	Leatherette	No	Screw-on Jack Combo (1/4" and 1/8")	Male	3-pin	Gold	
K67 TIĚSTO	123	closed	16 ... 24 Hz	112 dB/V	-	32 Ohm	Leatherette	No	Screw-on Jack Combo (1/4" and 1/8")	Male	3-pin	Gold	
K702	124	open	10 ... 39800 Hz	105 dB/V	< 200 mW	62 Ohm	Velvet	Yes	Screw-on Jack Combo (1/4" and 1/8")	Male	3-pin	Gold	
K121	128	semi-open	18 ... 22500 Hz	114 dB/V	-	55 Ohm	Leatherette	No	Screw-on Jack Combo (1/4" and 1/8")	Male	3-pin	Gold	
K271 MKII	125	closed	16 ... 28000 Hz	104 dB/V	< 200 mW	55 Ohm	Leatherette Velvet	Yes	Screw-on Jack Combo (1/4" and 1/8")	Male	3-pin	Gold	
K240 MKII	127	semi-open	15 ... 25000 Hz	104 dB/V	< 200 mW	55 Ohm	Leatherette Velvet	Yes	Screw-on Jack Combo (1/4" and 1/8")	Male	3-pin	Gold	
K240 Studio	127	semi-open	15 ... 25000 Hz	104 dB/V	< 200 mW	55 Ohm	Leatherette Velvet	Yes	Screw-on Jack Combo (1/4" and 1/8")	Male	3-pin	Gold	
K171 MKII	126	closed	18 ... 26000 Hz	107 dB/V	< 200 mW	55 Ohm	Leatherette Velvet	Yes	Screw-on Jack Combo (1/4" and 1/8")	Male	3-pin	Gold	
K141 MKII	128	semi-open	18 ... 24000 Hz	114 dB/V	< 200 mW	55 Ohm	Leatherette Velvet	Yes	Screw-on Jack Combo (1/4" and 1/8")	Male	3-pin	Gold	
K99 Perception	129	semi-open	18 ... 22000 Hz	112 dB/V	< 200 mW	32 Ohm	Leatherette	No	Convertible Jack Combo (1/4" and 1/8")	Male	3-pin	-	
K77 Perception	129	semi-closed	18 ... 20000 Hz	112 dB/V	< 200 mW	32 Ohm	Leatherette	No	Convertible Jack Combo (1/4" and 1/8")	Male	3-pin	-	
K44 Perception	129	semi-closed	18 ... 20000 Hz	115 dB/V	< 200 mW	32 Ohm	Leatherette	No	Convertible Jack Combo (1/4" and 1/8")	Male	3-pin	-	
K20	179	-	18 ... 20000 Hz	102 dB SPL/1 mW	-	32 Ohm	-	No	Jack Stereo (1/8")	Male	3-pin	Gold	
K10		closed	100 ... 13000 Hz	98 dB SPL/1 mW	-	360 Ohm	-	No	TS mini jack plug	Male	2-pin	Gold	
IP2	91	closed	12 ... 23500 Hz	121 dB/V	-	16 Ohm	-	No	Jack Stereo (1/8")	Male	3-pin	Gold	

	Technical Specification									Dimensions / Weight			
	Microphone Type	Polar Pattern	Audio Frequency bandwidth	Sensitivity	Equivalent Noise Level	Max SPL	Electrical Impedance	Recommended Load Impedance	Current	Length	Width	Height	Net Weight
	prepolarized condenser	cardioid	20 ... 20000 Hz	25 mV/Pa	22 dB-A	126 dB	< 200 Ohm	> 2000 Ohm	2 mA	110 mm (4.33 in)	205 mm (8.07 in)	200 mm (7.87 in)	300 g (10.58 oz)
	prepolarized condenser	cardioid	20 ... 20000 Hz	25 mV/Pa	22 dB-A	126 dB	< 200 Ohm	> 2000 Ohm	2 mA	85 mm (3.35 in)	205 mm (8.07 in)	200 mm (7.87 in)	250 g (8.82 oz)
	dynamic	hypercardioid	60 ... 17000 Hz	1 mV/Pa	15 dB-A	124 dB 128 dB	< 600 Ohm	> 2000 Ohm	-	110 mm (4.33 in)	205 mm (8.07 in)	200 mm (7.87 in)	305 g (10.76 oz)
	dynamic	hypercardioid	60 ... 17000 Hz	1 mV/Pa	15 dB-A	124 dB 128 dB	< 600 Ohm	> 2000 Ohm	-	85 mm (3.35 in)	205 mm (8.07 in)	200 mm (7.87 in)	255 g (8.99 oz)
	-	-	-	-	-	-	-	-	-	22 cm (8.66 in)	13 cm (5.12 in)	4.5 cm (1.77 in)	290 g (10.23 oz)
	-	-	-	-	-	-	-	-	-	22 cm (8.66 in)	19 cm (7.48 in)	4.5 cm (1.77 in)	250 g (8.82 oz)
	-	-	-	-	-	-	-	-	-	21 cm (8.27 in)	18 cm (7.09 in)	24 cm (9.45 in)	200 g (7.05 oz)
	-	-	-	-	-	-	-	-	-	113 mm (4.45 in)	199 mm (7.83 in)	212 mm (8.35 in)	235 g (8.29 oz)
	-	-	-	-	-	-	-	-	-	23 cm (9.06 in)	11 cm (4.33 in)	22 cm (8.66 in)	220 g (7.76 oz)
	-	-	-	-	-	-	-	-	-	110 mm (4.33 in)	205 mm (8.07 in)	200 mm (7.87 in)	240 g (8.47 oz)
	-	-	-	-	-	-	-	-	-	110 mm (4.33 in)	190 mm (7.48 in)	200 mm (7.87 in)	240 g (8.47 oz)
	-	-	-	-	-	-	-	-	-	110 mm (4.33 in)	190 mm (7.48 in)	200 mm (7.87 in)	240 g (8.47 oz)
	-	-	-	-	-	-	-	-	-	85 mm (3.35 in)	185 mm (7.28 in)	190 mm (7.48 in)	240 g (8.47 oz)
	-	-	-	-	-	-	-	-	-	230 mm (9.06 in)	110 mm (4.33 in)	220 mm (8.66 in)	225 g (7.94 oz)
	-	-	-	-	-	-	-	-	-	86 mm (3.39 in)	185 mm (7.28 in)	215 mm (8.46 in)	210 g (7.41 oz)
	-	-	-	-	-	-	-	-	-	86 mm (3.39 in)	185 mm (7.28 in)	215 mm (8.46 in)	190 g (6.7 oz)
	-	-	-	-	-	-	-	-	-	86 mm (3.39 in)	170 mm (6.69 in)	215 mm (8.46 in)	190 g (6.7 oz)
	-	-	-	-	-	-	-	-	-	135 mm (5.31 in)	60 mm (2.36 in)	160 mm (6.3 in)	119 g (4.2 oz)
	-	-	-	-	-	-	-	-	-	-	165 mm (6.5 in)	200 mm (7.87 in)	72 g (2.54 oz)
	-	-	-	-	-	-	-	-	-	-	12 mm (0.47 in)	12 mm (0.47 in)	-

COMPARISON CHART

CS5 Base Unit

Product		System Interface				Infrared Out			Technical Specification	Dimensions / Weight				
	Catalogue Page	Amount	Note	Type	Amount	Gender	Interface Name	Type	Number of languages	Width	Height	Depth	Net Weight	
CS5 BU	176	2	for connection with microphone stations	RJ 45 Ethernet	2	Male	Infrared Out	BNC	63	482 mm (18.98 in)	44 mm (1.73 in)	108 mm (4.25 in)	1450 g (51.15 oz)	

Product	Audio Input 2				Audio Input 3				Audio Input 4			
	Interface Name	Type	Maximum audio level	Electrical Impedance	Interface Name	Type	Maximum audio level	Electrical Impedance	Interface Name	Type	Maximum audio level	Electrical Impedance
CS5 BU	Telephone In	Balanced XLR	6 dB	< 20000 Ohm	Effect In	Jack Stereo (1/4")	6 dB	< 20000 Ohm	Tape In	Jack Stereo (1/8")	-4 dB	< 20000 Ohm

CS5 Microphone Station

Product		Audio Input 1				Audio Output 1						Audio Output 2				
	Catalogue Page	Interface Name	Electrical Impedance	Amount	Gender	Interface Name	Type	Amount	Audio Frequency bandwidth	Recommended Load Impedance	Gender	Interface Name	Type	Amount	Audio Frequency bandwidth	
CS5 DU	176	External Microphone In	< 0	1	Female	Headphone Out	Jack Stereo (1/4")	2	45 ... 22000 Hz	> 32 Ohm	Female	-	-	2	200 ... 22000 Hz	
CS5 IU	177	External Microphone In	-	-	-	-	-	-	-	-	-	Headphone Out	Jack Stereo (1/8")	2	45 ... 22000 Hz	

	Audio Output 1			Audio Output 2			Audio Output 3			Audio Output 4			Audio Output 5			Audio Input 1			
	Interface Name	Type	Amount	Interface Name	Type	Amount	Interface Name	Type	Amount	Interface Name	Type	Amount	Interface Name	Type	Amount	Interface Name	Type	Maximum audio level	Electrical Impedance
	Line Out	Balanced XLR	1	Telephone Out	Balanced XLR	1	Effect Out	Jack Stereo (1/4")	1	Tape Out	Jack Stereo (1/8")	1	Headphone Out	Jack Stereo (1/4")	1	Line In	Balanced XLR	6 dB	< 20000 Ohm

	Audio Input 5				Audio Input 6				Data Interface 1				Data Interface 2				Design	
	Interface Name	Type	Maximum audio level	Electrical Impedance	Interface Name	Type	Maximum audio level	Electrical Impedance	Type	Amount	Gender	Note	Type	Amount	Gender	Note	Body	Finish
	External Language In	Balanced XLR	6 dB	< 20000 Ohm	External Microphone In	Balanced XLR	-40 dB	< 20000 Ohm	USB	1	Female	for connection with PC	RJ 10 data (4P4C)	1	Female	for connection with RS232 controlled devices	Metal	silver gray

	Audio Output 2				Technical Specification				System Interface				Design		Powering	Dimensions / Weight			
	Recommended Load Impedance	Gender	Contacts	Signal to Noise	Card Reader	LCD Display	Numbers of Language Channels	Voting Buttons	Type	Amount	Gender	Body	Finish		Voltage	Width	Height	Depth	Net Weight
	-	-	-	> 70 dB-A	No	No	3+1	1	RJ 45 Ethernet	2	Female	Plastic	matte dark gray		48 V	257 mm (10.12 in)	73 mm (2.87 in)	147 mm (5.79 in)	900 g (31.75 oz)
	> 32 Ohm	Female	3-pin	-	Yes	Yes	63	5	RJ 45 Ethernet	2	Female	Plastic	matte dark gray		48 V	257 mm (10.12 in)	73 mm (2.87 in)	147 mm (5.79 in)	-

COMPARISON CHART

Infrared Transmitter

Product		Technical Specification		System Interface In			System Interface Out			Design		Powering		
	Catalogue Page	Covering Volume	Number of languages	Amount	Gender	Rated Impedance	Type	Amount	Gender	Rated Impedance	Type	Body	Finish	Voltage
CS5 IRT	178	450 ... 750	7	1	Male	50 Ohm	BNC	1	Male	50 Ohm	BNC	Metal	matte dark gray	230 VAC

Infrared Receivers

Product		Technical Specification		Headphone Output						Battery			Design		Dimensions / Weight			
	Catalogue Page	Number of languages	Reception Angle	Amount	Audio Frequency bandwidth	Recommended Load Impedance	Gender	Contacts	Type	No of Batteries	Batterietype	Operating Time	Body	Finish	Width	Height	Depth	Net Weight
CS5 IRR7	178	7	140	1	100 ... 5100 Hz	> 32 Ohm	Female	3-pin	Jack Stereo (1/4")	1 Stk	HR 6 AA (NiHM) rechargeable battery	> 12 h	Plastic	dark gray	70 mm (2.76 in)	136 mm (5.35 in)	28 mm (1.1 in)	140 g (4.94 oz)

Charging Unit CS

Product		Technical Specification		Powering	Design		Dimensions / Weight			
	Catalogue Page	Charging current	Number of charging slots	Voltage	Body	Finish	Width	Height	Depth	Net Weight
CS5 CU50	179	4 ... 80 mA	50	0 ... 230 VAC	Metall	silver gray	585 mm (23.03 in)	190 mm (7.48 in)	483 mm (19.02 in)	1400 g (49.38 oz)

KEY TO AKG PRODUCT NAMES

Here is a list of the prefixes and suffixes we use to designate the various types of products:

Microphone, Headphone, and System Prefixes	Accessory Prefixes	Microphone, Headphone and System Suffixes
C Condenser microphone, e.g. C5	B Battery power supply, e.g. B18, B29 L	B Bass rolloff or bass cut filter, e.g. C568 B
CK Condenser microphone capsule, e.g. CK98	GNS Gooseneck system, e.g. GNS36	BL Boundary microphone, e.g. C547 BL
D Dynamic microphone, e.g. D5	H Support, e.g. H30	CM Ceiling mount microphone, e.g. C562 CM
DHT Digital handheld transmitter for wireless microphone systems, e.g. DHT70	MPA Phantom power adapter for microphones, e.g. MPA V L	E XLR connector. e.g. GN15 E. Also used for some earlier microphone models, to distinguish versions with XLR connectors, e.g. C535 EB, from versions with DIN connectors
DMS Digital wireless microphone system, e.g. DMS70	MSH Gooseneck for microphones, e.g. MSH70	L Microphones or systems with miniature-XLR connector, e.g. C417 L
DPT Digital pocket transmitter for wireless microphone systems, e.g. DPT70	SA Stand adapter, e.g. SA60, SA61	M Modular System like C519 M
DSR Digital Stationary receiver for wireless microphone systems, e.g. DSR70	ST Floor or table stand, e.g. ST1, ST45	ML Microphones or systems with miniature-XLR connector, e.g. C518 ML
GN Gooseneck for Discreet Acoustics Series microphones, e.g. GN15 E	W Windscreen, e.g. W23, W32	/P Microphones in flesh-color finish, e.g. C477 WR L/P
HSC Headset with condenser microphone, e.g. HSC271		PP Microphones with phantom power adapter provided, e.g. C417 PP
HSD Headset with dynamic microphone, e.g. HSD271		S On/off switch, e.g. D5 S
HT Handheld transmitter for wireless microphone systems, e.g. HT4500		
K Headphones, e.g. K240 MKII		
PT Bodypack transmitter for wireless microphone systems, e.g. PT4500		
SE Powering module for modular microphones, e.g. SE300 B		
SR Stationary receiver for wireless microphone systems, e.g. SR4500		
WMS Wireless microphone system, e.g. WMS4500		

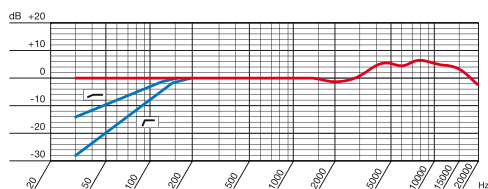
FREQUENCY RESPONSE

Recording

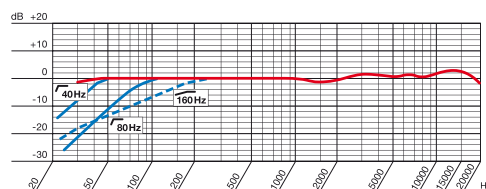
FLAT CUT BOOST

Reference Recording Microphones

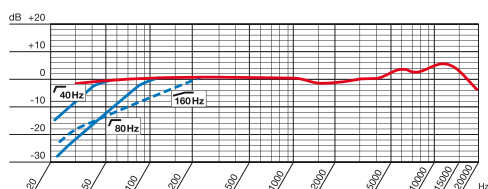
C12 VR



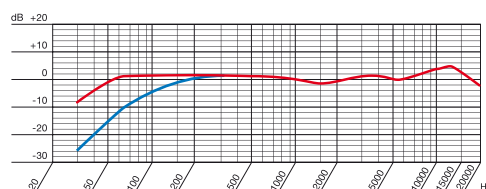
C414 XLS



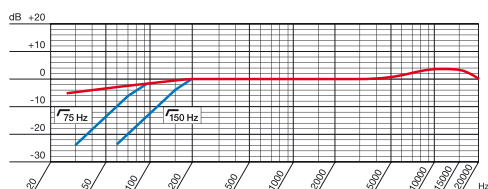
C414 XLII



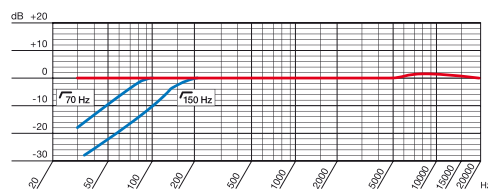
C214



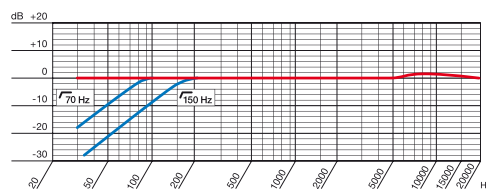
C451 B



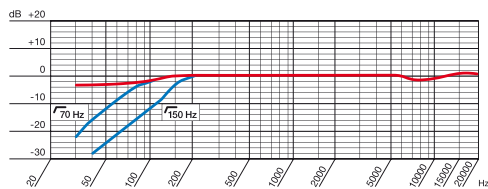
CK61 ULS



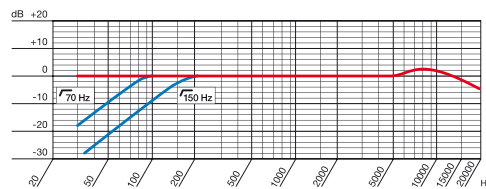
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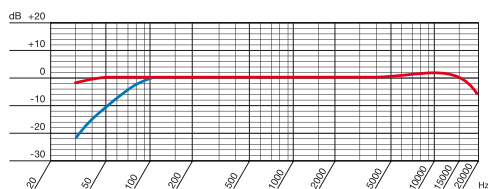
CK63 ULS



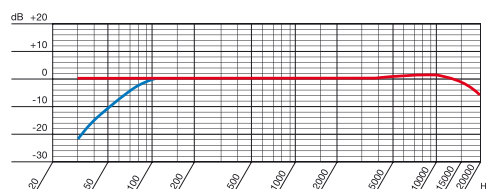
CK69 ULS



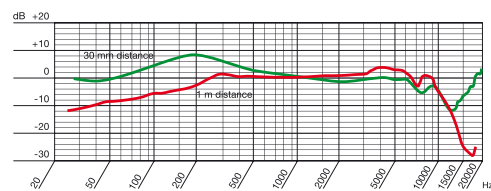
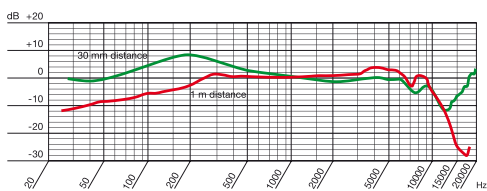
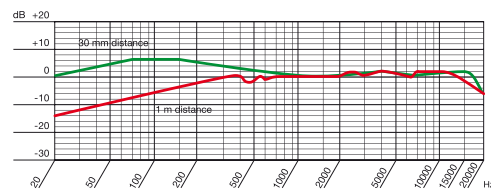
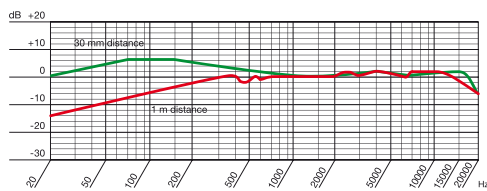
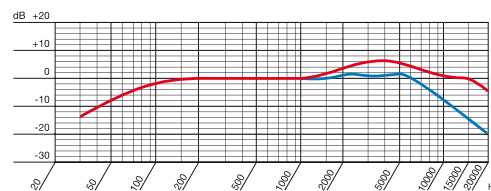
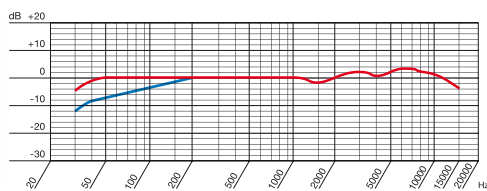
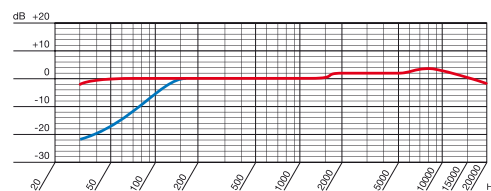
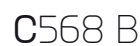
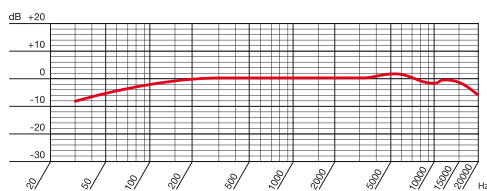
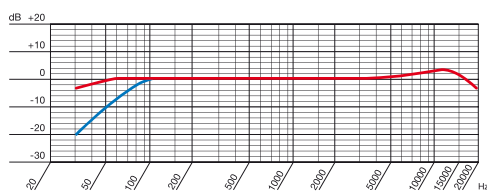
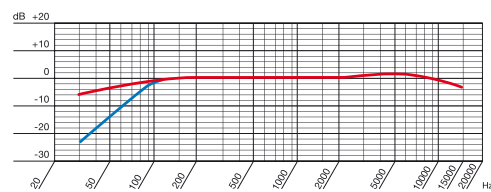
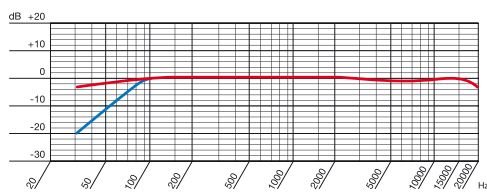
CK91



CK92



Modular Recording Microphones



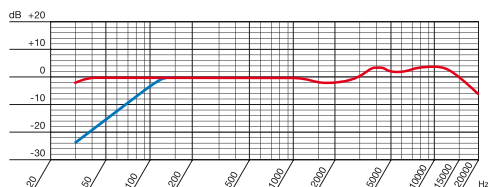
FREQUENCY RESPONSE

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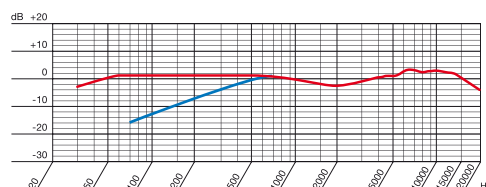
■ FLAT ■ CUT ■ BOOST

Project Studio Microphones

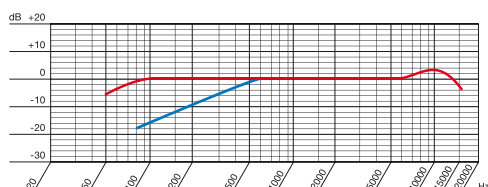
C4000



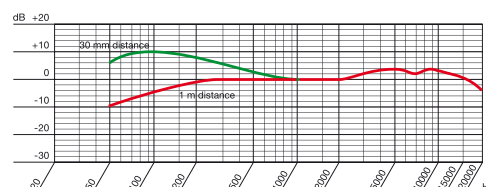
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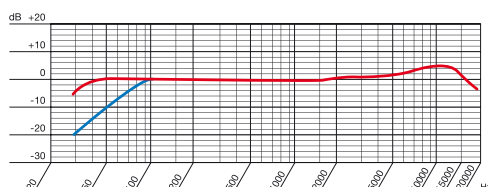
C2000



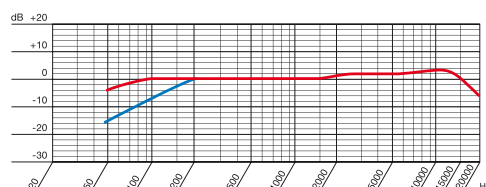
C1000 S



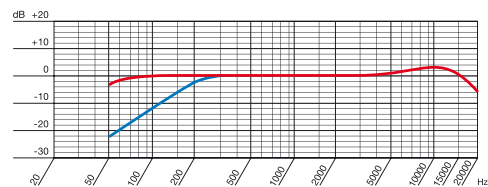
P820 TUBE



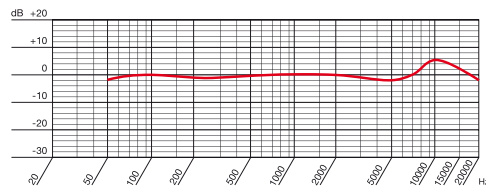
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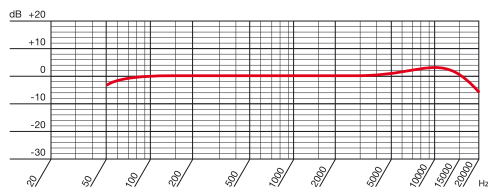
P220



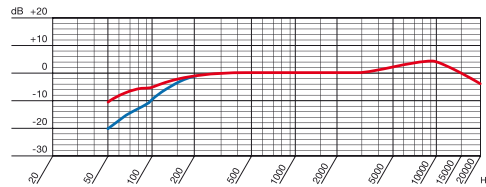
P170



P120



P120 USB



Perception Studio Microphones



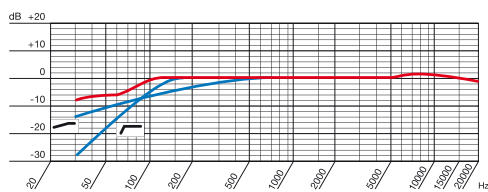
Live Microphones

FLAT CUT BOOST

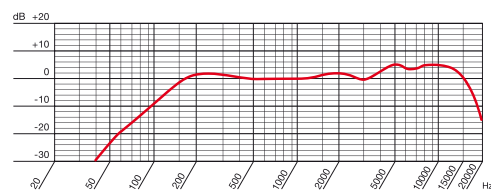
Handheld Vocal Microphones



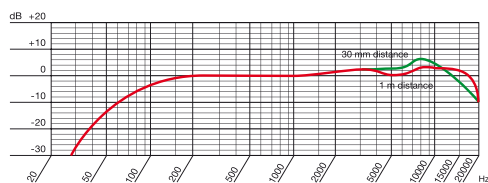
C535 EB



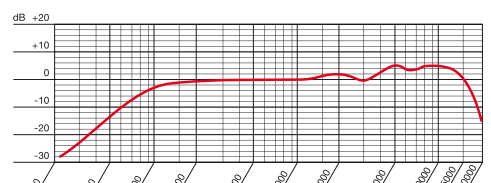
D7



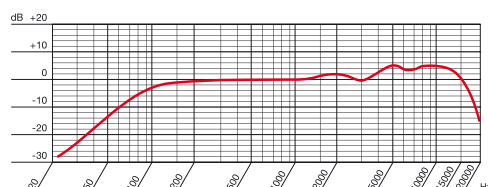
C5



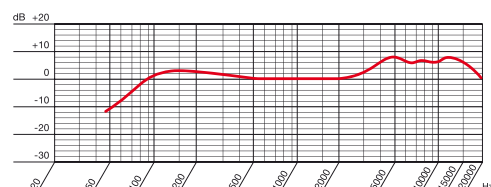
D5



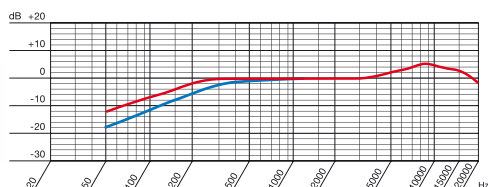
BBB DFIVE



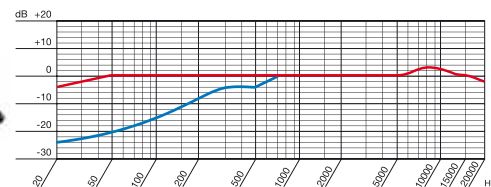
D770



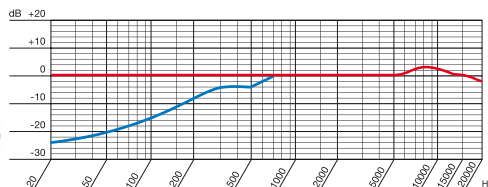
C520



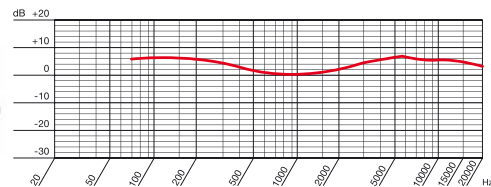
C544 L



C555



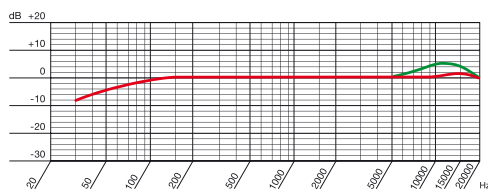
CM311



Head-worn Vocal Microphones



HC577 L



FREQUENCY RESPONSE

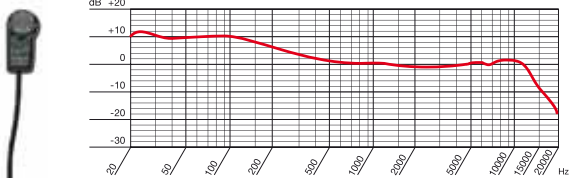
Live Microphones

FLAT CUT BOOST

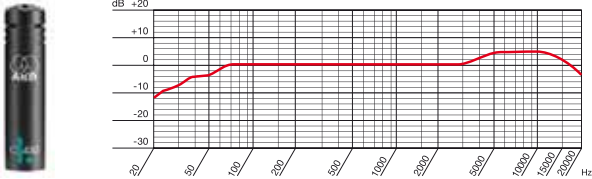
Instrumental Microphones

MicroMics

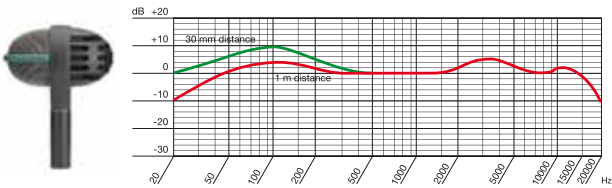
C411



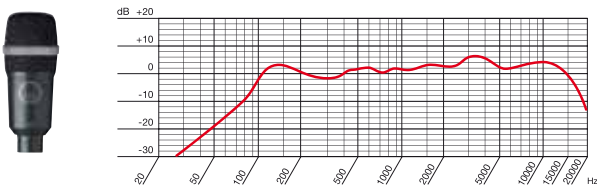
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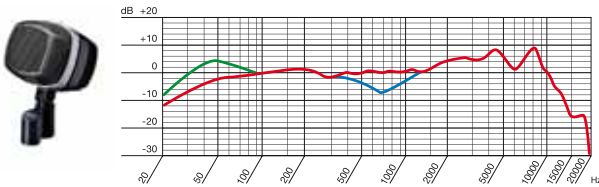
D112



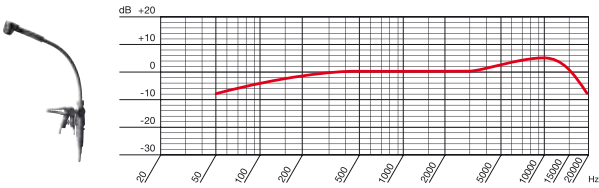
D40



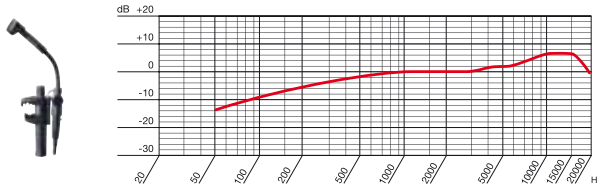
D12 VR



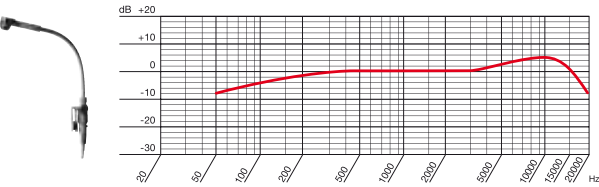
C519



C518



C516 ML



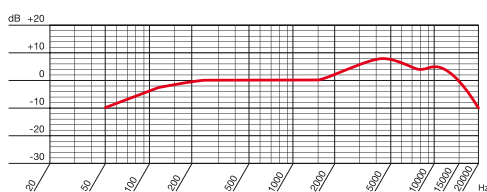


■ FLAT ■ CUT ■ BOOST

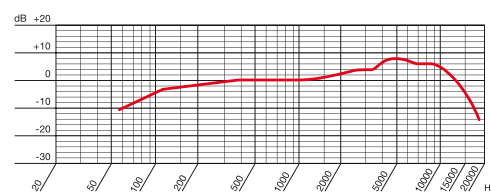
Perception Live Microphones



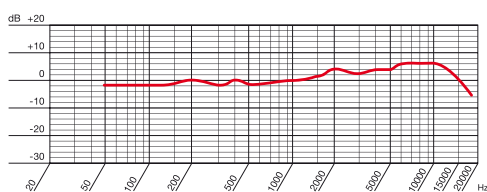
P5



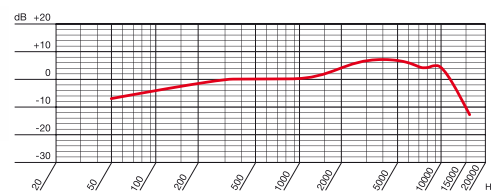
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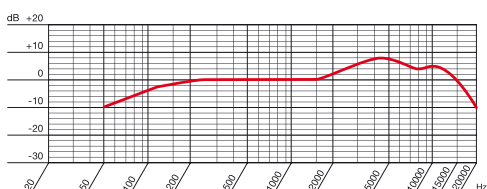
P2



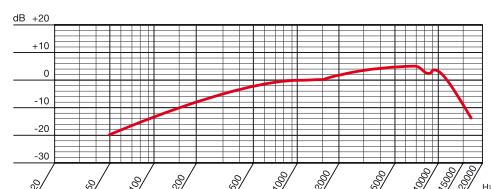
P3 S



D88 S



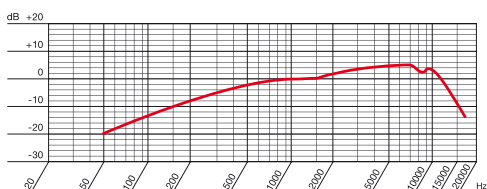
D55 S



CCS Microphones



D44 S

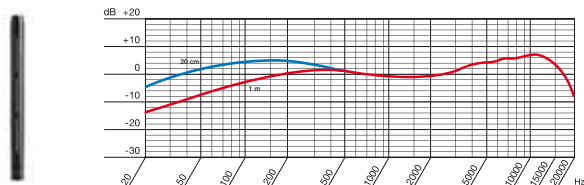


FREQUENCY RESPONSE

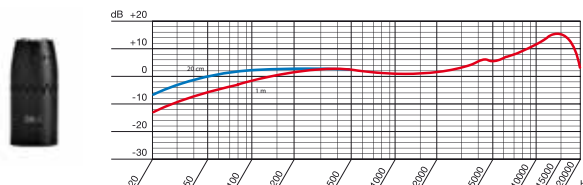
Installed Sound

■ FLAT ■ CUT ■ BOOST

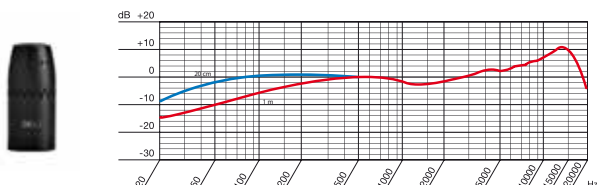
CK49



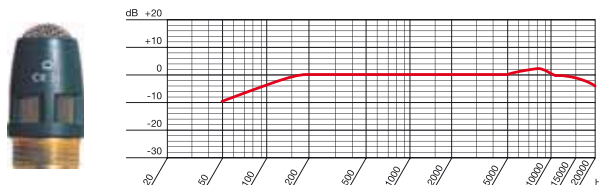
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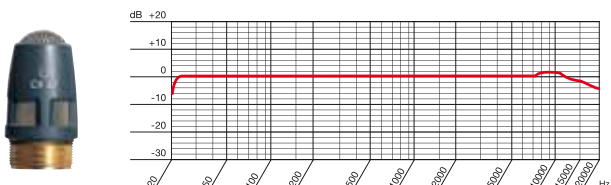
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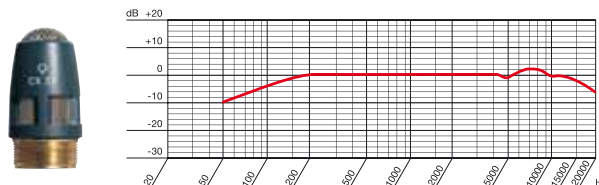
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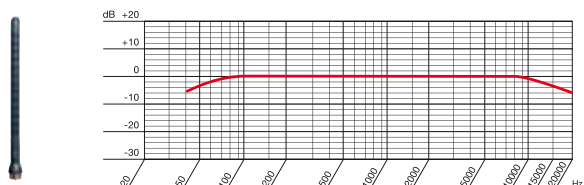
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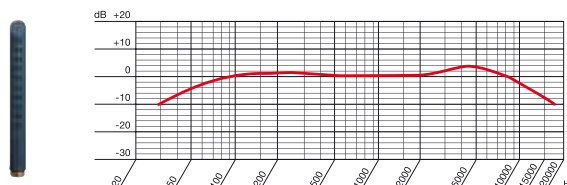
CK33



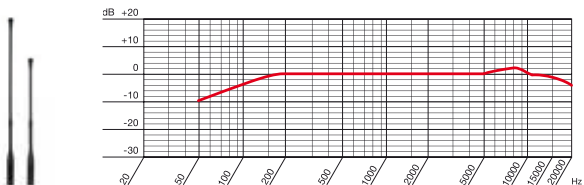
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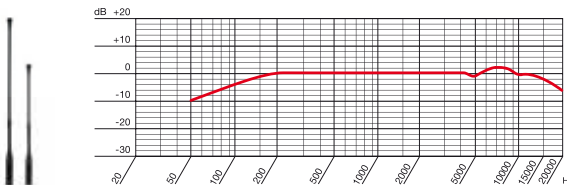
CK80



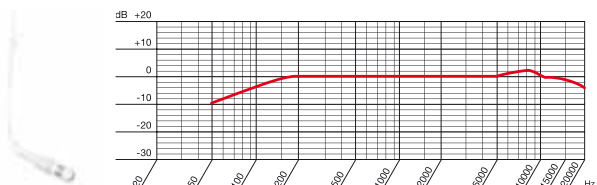
CGN99 C



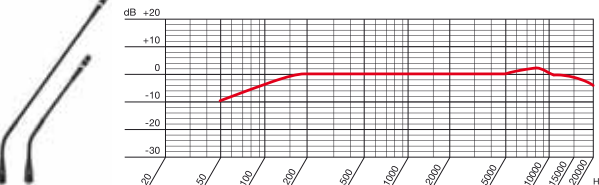
CGN99 H



CHM99



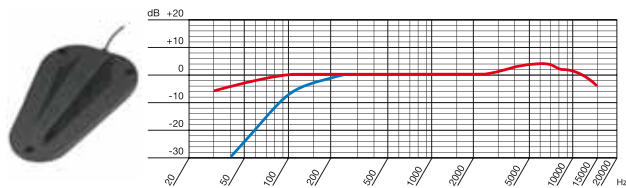
CGN321 ST5/CGN521 ST5



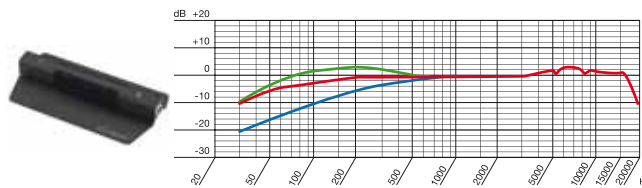


■ FLAT ■ CUT ■ BOOST

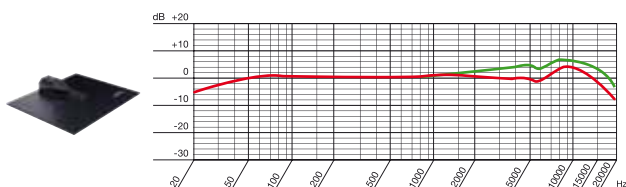
C547 BL



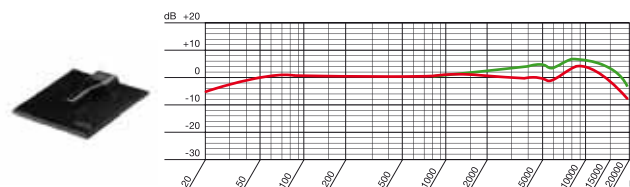
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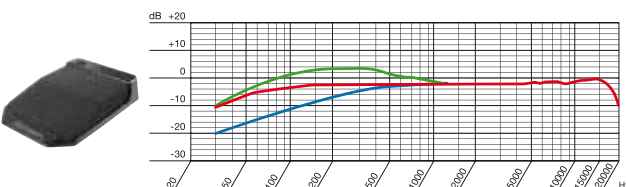
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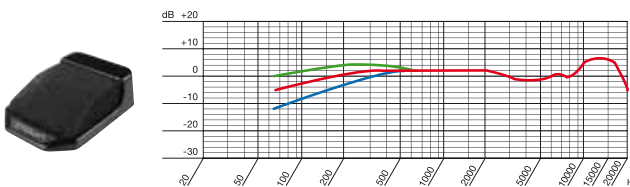
PZM6 D



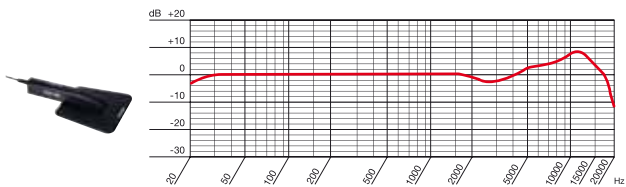
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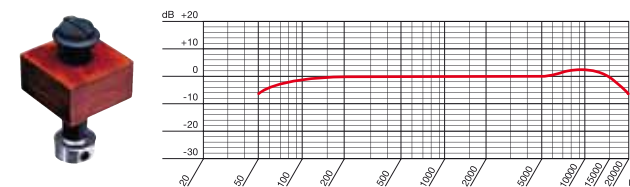
PCC130



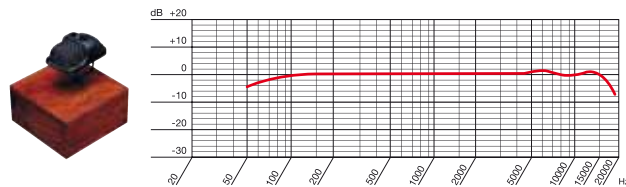
PZM185



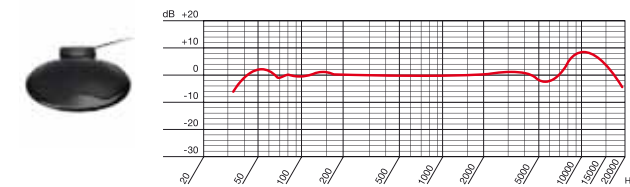
MB3



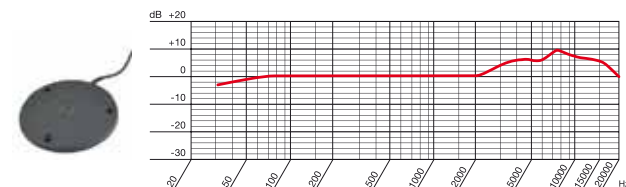
MB4



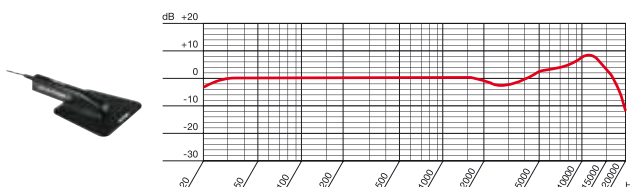
CBL410 PCC



CBL99



SOUND GRABBER II



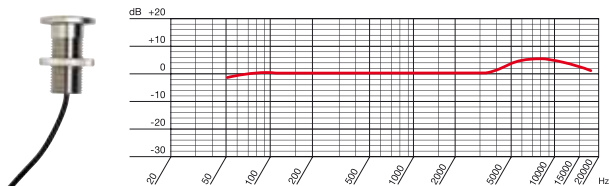
FREQUENCY RESPONSE

Installed Sound

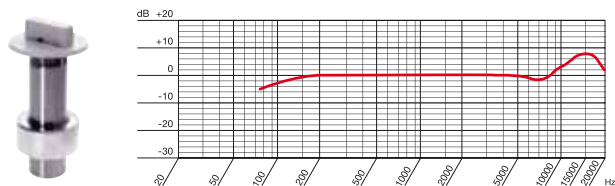
■ FLAT ■ CUT ■ BOOST

Boundary Layer Microphones

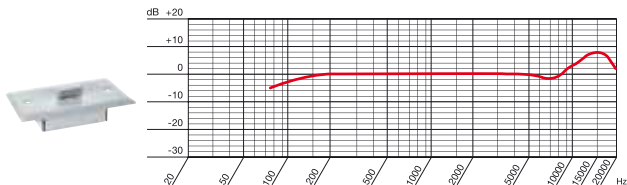
C562 CM



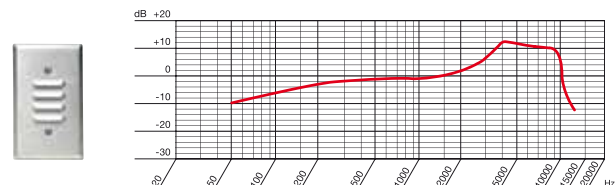
PZM10



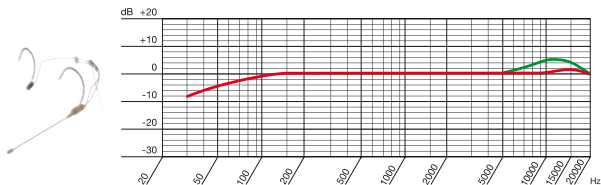
PZM11



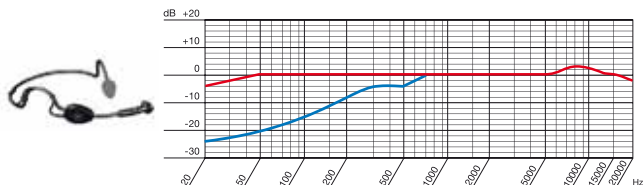
PZM11 LL WR



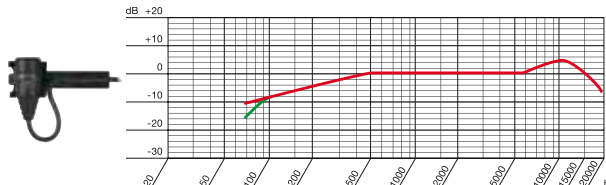
HC577 L



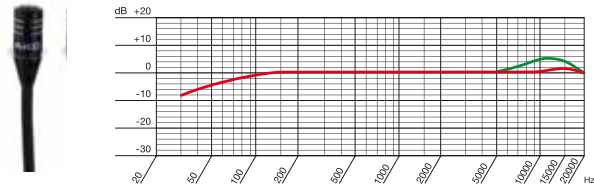
C544 L



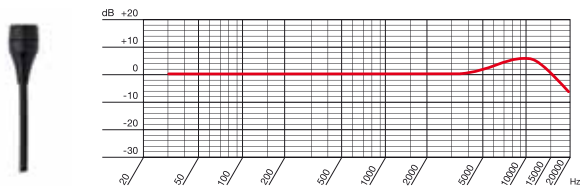
CK97



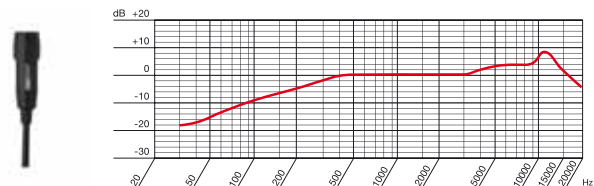
CK77 WR



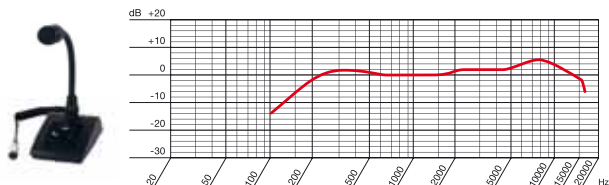
C417



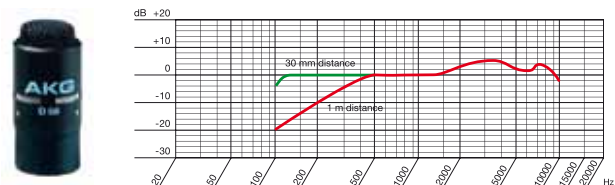
CK99 L



DST99 S/DGN99




D58 E



Head-worn and Lavalier Microphones







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