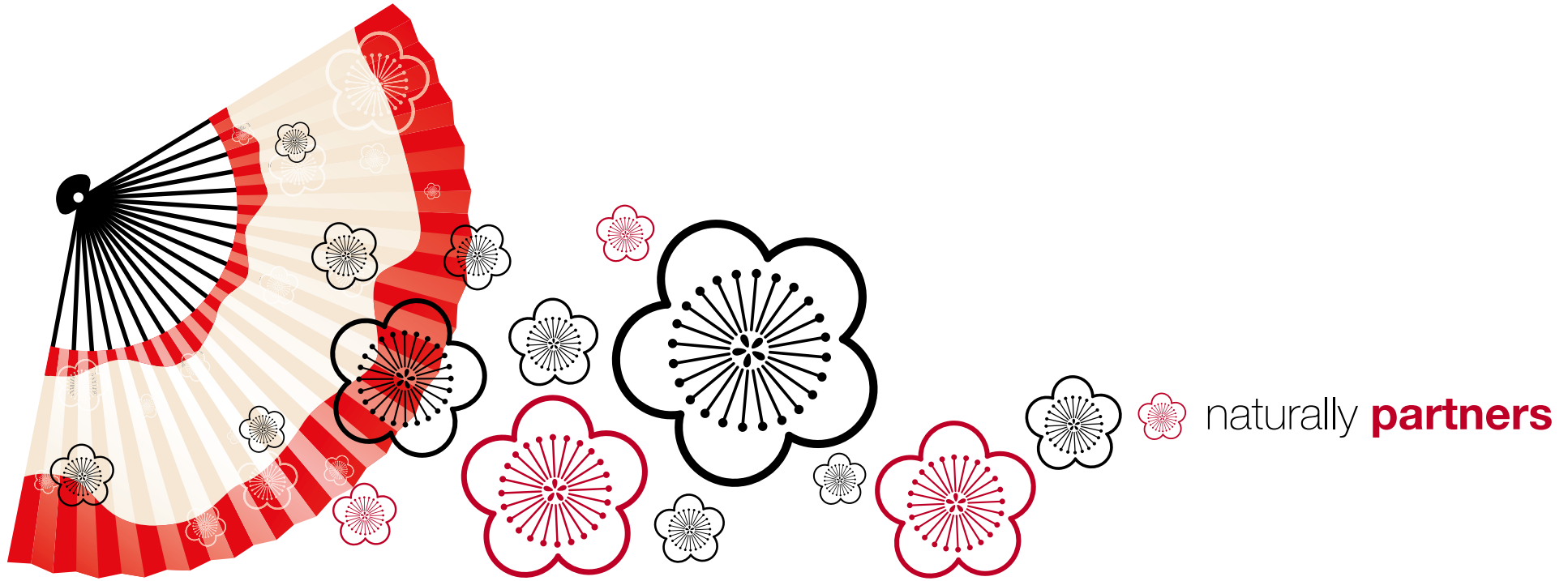




2011-2012

product catalogue | europe | €

 **audio-technica**
always listening





“... I look forward to celebrating this incredible milestone next year with you, your ongoing success and our joint achievements...”

a message from the president

...46, 47, 48, **49**, 50....

Dear European Customer

2011 marks the 49th anniversary of Audio-Technica, and as we approach our 50th year, I would like to talk to you about the changes we are seeing in our business, the challenges and opportunities we face and to thank you for your continuing loyalty to Audio-Technica.

As we know, the last two years have been very challenging for the Audio and Music industries, due in part to a diverse and fluctuating global economic environment, but also as we adapt to the changing attitudes from the people producing, listening to and purchasing music today.

In spite of those challenges Audio-Technica has been able to enjoy substantial growth in Europe. This to me is an indication of the loyalty of our European customers who put their trust in Audio-Technica every day to provide a reliable and cost-effective professional piece of equipment. An investment that will perform throughout the years.

Our development engineers are currently working on some very exciting products that will launch in 2011. Without unveiling too much, I would like to let you know that this year, amongst other interesting product innovations, we will be introducing some amazing high end studio microphones some ground-breaking broadcast shotgun microphones as well as some limited edition anniversary models.

Your new 2011 catalogue contains a number of exciting new products and innovations such as the AT2031. A microphone designed and produced with the combined experience of our R&D team and production engineering team. Thanks to these working innovations, Audio-Technica is proud to introduce one of the best value microphones for stringed instruments available on the market, or as we refer to it – “perfect strings at a perfect price”.

Next year, our 50th anniversary year coincides with the London 2012 Olympics, where we will be providing more than 2,000 microphones to broadcasters as well as providing onsite technical support. I look forward to celebrating this incredible milestone next year with you, your ongoing success and our joint achievements.

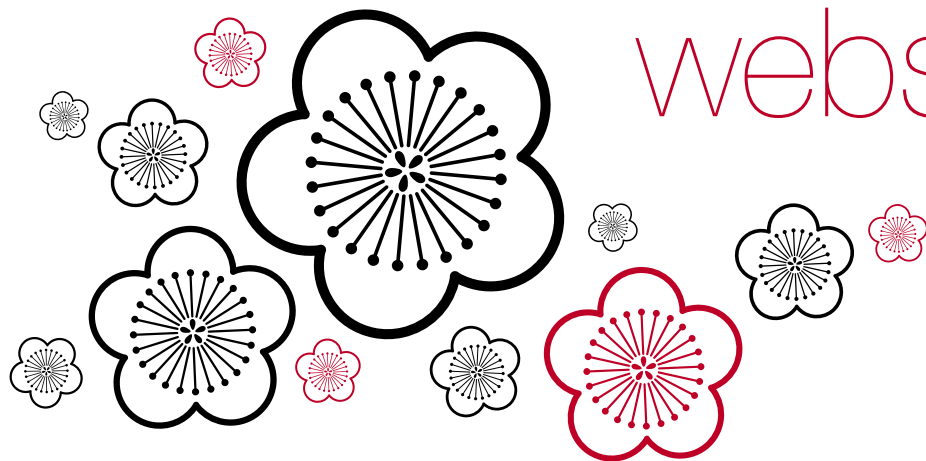
Thank you again for your loyalty to Audio-Technica – almost 50 years in the making.

Sincerely yours

松下和雄

Kazuo Matsushita

President
Audio-Technica Corporation



website

www.**audio-technica**.com

Support

- Using Microphones
- A Brief Guide to Microphones
- Wireless Quick Tips
 - Wireless Basics
 - Advanced Wireless Topics



Current Happenings

- Press Releases
- Audio-Technica endorsement
- Product launch
- Trade Shows & Conventions



Download

- Download our European catalogue in 20 languages it contains specifications, prices and pictures of the entire range
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 - Download product literature and technical informations in PDF format including spec sheets, FaQ, tips and tricks...
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AT4080 bidirectional active ribbon microphone

studio microphones

experience more: 40 series microphones

Superior performance, unerring dependability and sonic consistency make the **40 Series** premium line of condenser microphones the first choice of countless award-winning producers, engineers and musicians. Wherever your passion for music takes you, experience more inspired sound. **page 6 to 15**

20 series microphones

Today two new microphones have been added to the range, the **AT2022** an X/Y stereo microphone and the **AT2031** the ideal microphone for stringed instrument. **page 16 to 21**

application guide

page 22

40 series



*Lifetime Warranty
informations
(see below).

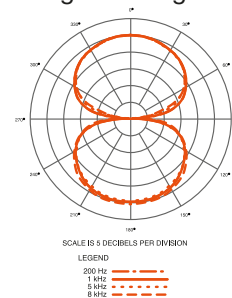
*The Lifetime Warranty applies to the serviceable life of the product deemed to be 15 years and is available only to the original purchaser of the microphone upon completion of the guarantee registration form online at www.audio-technica.com/warranty within 30 days of purchase.

40 series precision studio microphones (PC 345-MC 210)

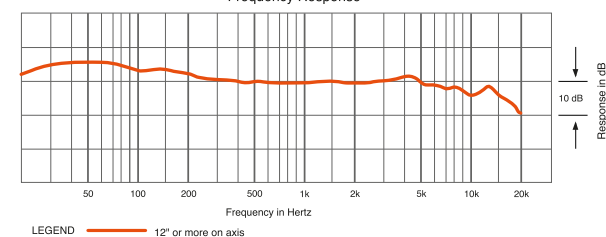
With the groundbreaking **AT4080**, Audio-Technica achieves the coveted ribbon microphone sound while solving the problems of fragility and low output that have historically plagued ribbon mics. Delivering the warm, smooth sound of a classic ribbon microphone, Audio-Technica's handcrafted AT4080 Active Ribbon Microphone offers a robust build for long-lasting, reliable performance and higher output for maximum compatibility with microphone preamplifiers. Equally at home in recording studios and live-sound settings, the microphone features Audio-Technica's innovative **MicroLinear™** ribbon imprint, which protects the dual ribbons from lateral flexing and distortion. With 18 patents pending, Audio-Technica's innovative ribbon transducer advances the evolution of ribbon microphone design. Experience the difference.

AT4080
890,00 € Bidirectional active ribbon microphone

figure-of-eight



Frequency Response



Specifications	AT4080
Element	Ribbon
Polar Pattern	Figure-of-eight
Frequency Response	20-18,000 Hz
Open Circuit Sensitivity	-39 dB (11.2 mV) re 1V at 1 Pa
Impedance	100 ohms
Maximum Input Sound Level	150 dB SPL, 1 kHz at 1% T.H.D.
Noise	22 dB SPL
Dynamic Range (typical)	128 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio	72 dB, 1 kHz at 1 Pa
Phantom Power Requirements	48V DC, 3.0 mA typical
Weight	474 g
Dimensions	177.5 mm long, 53.4 mm maximum body diameter
Output Connector	Integral 3-pin XLRM-type
Accessories Furnished	AT8449/SV shock mount for 5/8"-27 threaded stands; microphone dust cover; protective carrying case

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

40 series precision studio microphones (PC 345-MC 210)

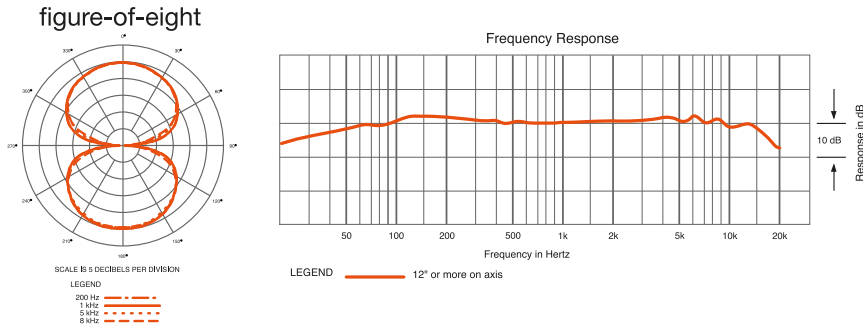
40 series

AT4081
690,00 € Bidirectional active ribbon microphone



Specifications	AT4081
Capsule	Ribbon
Polar Pattern	Figure-of-eight
Frequency Response	30-18,000 Hz
Open Circuit Sensitivity	-42 dB (7.9 mV), re 1V at 1 Pa
Impedance	100 ohms
Maximum Input Sound Level	150 dB SPL, 1 kHz at 1% T.H.D.
Noise	25 dB SPL
Dynamic Range (typical)	125 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio	69 dB, 1 kHz at 1 Pa
Phantom Power Requirements	48V DC, 3.0 mA typical
Weight	152 g
Dimensions	155.0 mm long, 21.0 mm maximum body diameter
Output Connector	Integral 3-pin XLRM-type
Accessories Furnished	AT8471 isolation clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; windscreen; protective carrying case

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL



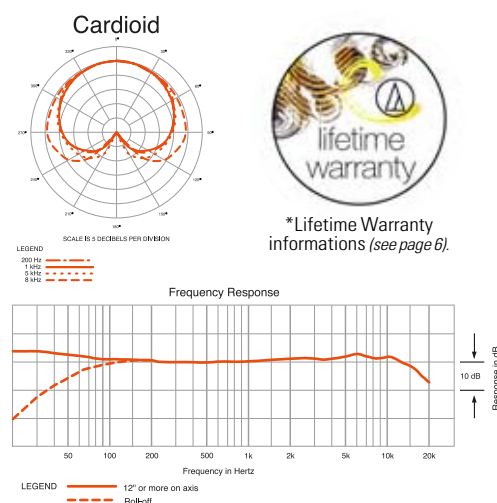
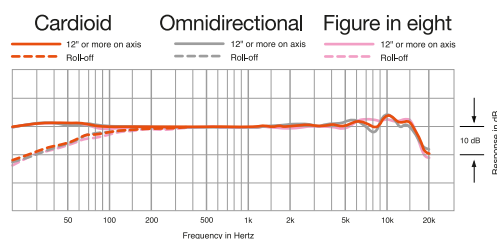
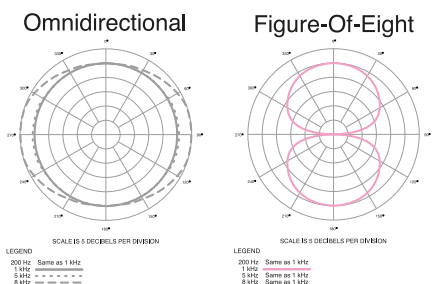
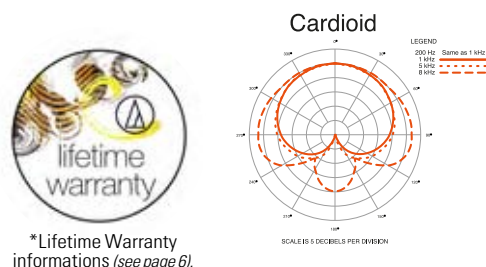
40 series



AT4050SM



AT4047SVSM



40 series precision studio microphones (PC 345-MC 210)

The **AT4050** offers a remarkable combination of high SPL capability with transparent airy upper and mid range frequencies complemented by a rich low-end quality. Numerous legendary studio engineers agree that it is the perfect studio tool for use on vocals, piano, strings, drum overheads, guitar amps and ensembles. The externally polarized (DC bias) true condenser element utilizes dual, gold-vaporized, aged, large diaphragms to provide consistent, superior performance in three switchable polar patterns, cardioid, omnidirectional and figure-of-eight.

AT4050SM

659,00 € Multi-pattern condenser microphone with AT8449 shock mount

AT4050SC

719,00 € Multi-pattern condenser microphone with AT8430 stand clamp



The precision engineered large diaphragm of the **AT4047** provides a warm, vintage sonic characteristic reminiscent of early F.E.T. studio microphone designs. The dual diaphragm design maintains a precise polar pattern across the full frequency range. The wide dynamic range, high SPL capability and exceptionally low self-noise create a versatile tool that excels in any digital recording environments or critical applications in broadcast and live sound.

AT4047SVSM

699,00 € Cardioid condenser microphone with AT8449SV shock mount

AT4047SVSC

749,00 € Cardioid condenser microphone with AT8430 stand clamp

Specifications	AT4050SM and AT4050SC	AT4047SVSM and AT4047SVSC
Element	Externally polarized condenser	Externally polarized (DC bias) condenser
Polar Pattern	Cardioid, omnidirectional, figure-of-eight	Cardioid
Frequency Response	20-18,000 Hz	20-18,000 Hz
Open Circuit Sensitivity	-36 dB (15.8 mV), re 1V at 1 Pa*	-35 dB (17.7 mV) ± 2 dB, re 1V at 1 Pa*
Impedance	100 Ω	250 Ω
Maximum Input Sound Level	149 dB SPL, 1 kHz, T.H.D. 1% 159 dB SPL, with 10 dB pad (nominal)	149 dB SPL, 1 kHz, T.H.D. 1% 159 dB SPL, with 10 dB pad (nominal)
Signal-to-Noise Ratio	77 dB, 1 kHz at 1 Pa*	85 dB, 1 kHz at 1 Pa*
Dynamic Range	132 dB, 1 kHz at Max SPL	140 dB, 1 kHz at Max SPL
Noise	17 dB SPL	9 dB SPL
Low Frequency Roll-Off	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave
Power Requirement	48V DC, 4.2 mA	Phantom 48 V, 3.0 mA
Weight (less accessories)	510 g	410 g (14.5 oz)
Dimensions	188 mm long - 53.4 mm diameter	170 long - 53.4 mm diameter
Output Connector	Integral 3-pin XLRM type	Integral 3-pin XLRM type
Accessories Furnished	Protective carrying case AT8449 shock mount (AT4050SM) AT8430 stand clamp (AT4050SC)	Protective carrying case AT8449SV shock mount (with AT4047SVSM); or AT8430 stand clamp (with AT4047SVSC)

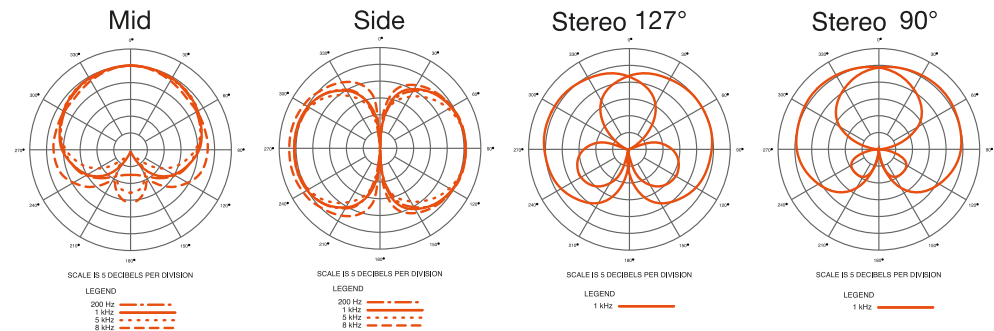
*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

40 series precision studio microphones (PC 345-MC 210)

40 series

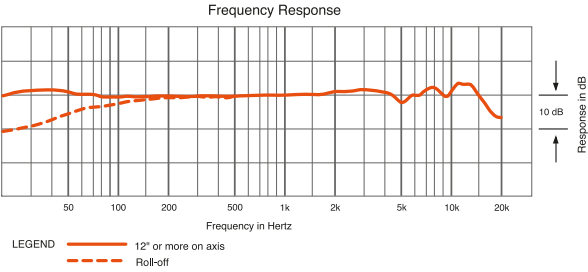
Offering the realism of a live sound field, the **AT4050ST** is a side-address condenser with cardioid and figure-of-eight elements configured in a Mid-Side arrangement. This innovative stereo condenser allows sound recordists the choice of selecting a left-right stereo output or choosing discrete Mid-Side signals for later manipulation, a remarkable flexibility. The microphone's dual-diaphragm capsules maintain precise polar pattern definition across the full frequency range. Its transformerless circuitry virtually eliminates low-frequency distortion.

AT4050ST
1190,00 € Stereo condenser microphone with shock mount



Specifications	AT4050ST
Element	Externally-polarized (DC bias) condenser
Polar Patterns	Cardioid and Figure-of-eight
Frequency Response	20-18,000 Hz
Low Frequency Roll-off	80 Hz, 12 dB/octave
Open Circuit Sensitivity	Stereo 90°: -42 dB (7.9 mV) dB re 1V at 1 Pa Stereo 127°: -41 dB (8.9 mV) dB re 1V at 1 Pa Mid: -36 dB (15.8 mV) dB re 1V at 1 Pa Side: -36 dB (15.8 mV) dB re 1V at 1 Pa
Impedance	50 ohms
Max. Input Sound Level	Mid and Side: 149 dB SPL, 1 kHz at 1% T.H.D.; 159 dB SPL, with 10 dB pad (nominal)
Noise	Stereo 90°: 25 dB SPL Stereo 127°: 16 dB SPL Mid: 15 dB SPL Side: 17 dB SPL
Dynamic Range (typical)	Mid: 134 dB, 1 kHz at Max SPL Side: 32 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio	Stereo 90°: 69 dB, 1 kHz at 1 Pa Stereo 127°: 78 dB, 1 kHz at 1 Pa Mid: 79 dB, 1 kHz at 1 Pa Side: 77 dB, 1 kHz at 1 Pa
Phantom Power Requirements	48V DC, 6.4 mA typical (both channels total)
Switches	90°, 127°, M-S; Flat, roll-off; 10 dB pad (nominal)
Weight	517 g
Dimensions	193.0 mm long, 53.4 mm maximum body diameter
Output Connectors	Integral 5-pin XLRM-type
Cable	5.0 m long, 8-conductor, shielded, vinyl-jacketed stereo cable with 5-pin XLRF-type connector at microphone end and two 3-pin XLRM-type connectors at output end
Accessories Furnished	AT8449 shock mount for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; microphone dust cover; protective carrying case

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL



40 series



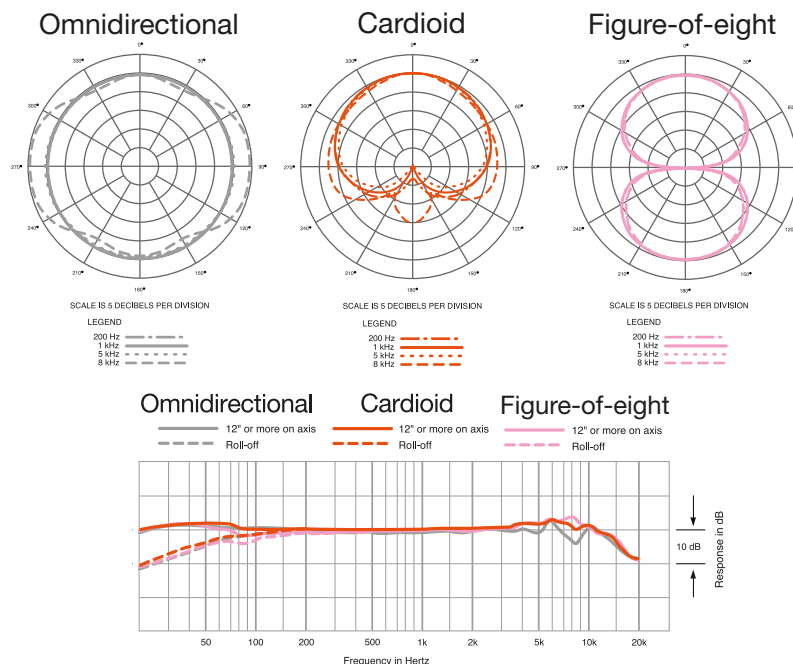
*Lifetime Warranty
information
(see page 6).

40 series precision studio microphones (PC 345-MC 210)

Audio-Technica's **AT4047MP** delivers vintage sound in a multi-pattern design with selectable omnidirectional, cardioid, and figure-of-eight polar patterns. The microphone's transformer-coupled output and specially tuned element provide sonic characteristics reminiscent of early F.E.T. studio microphone designs. With a wide dynamic range, incredibly low self-noise and high SPL capability, this versatile microphone excels on vocals, strings, acoustic guitar, instrument ensembles, small vocal groups and voiceovers.

AT4047MP

790,00 € Multi-pattern condenser microphone –vintage sound.



Specifications	AT4047MP
Element	Externally-polarized (DC bias) condenser
Polar Patterns	Cardioid, Omnidirectional, Figure-of-eight
Frequency Response	20-18,000 Hz
Low Frequency Roll-off	80 Hz, 12 dB/octave
Open Circuit Sensitivity	-42 dB (7.9 mV), re 1V at 1 Pa
Impedance	100 ohms
Max. Input Sound Level	155 dB SPL, 1 kHz at 1% T.H.D.; 165 dB SPL, with 10 dB pad (nominal)
Noise	14 dB
Dynamic Range (typical)	141 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio	80 dB, 1 kHz at 1 Pa
Phantom Power Requirements	48V DC, 3.4 mA typical
Switches	Polar selection; Flat, roll-off; 10 dB pad (nominal)
Weight	524 g
Dimensions	188.0 mm long, 53.4 mm maximum body diameter
Output Connectors	Integral 3-pin XLRM-type
Accessories Furnished	AT8449/SV shock mount for 5/8"-27 threaded stands; microphone dust cover; protective carrying case

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

40 series precision studio microphones (PC 345-MC 210)

A strong up front crisp sound characterizes the sonic signature that created this studio classic. The low noise circuitry is symmetrical and transformerless, resulting in exceptional transient response and clean output even under high-output conditions. Used on vocals, drum overheads, woodwind sections and guitar cabinets as well as on-air announcing, the **AT4033a** is a microphone of many talents, as useful on a live stage and broadcast facility as it is in the recording studio.

AT4033aSM

399,00 € Cardioid condenser microphone with shock mount



A marriage of technical precision and artistic inspiration, the **AT4040** features an advanced large diaphragm, tensioned specifically to provide smooth, natural sonic characteristics. Designed as a multi-purpose performer, this externally polarized (DC bias) true condenser microphone offers exceptionally low noise, wide dynamic range and high SPL capability for greatest versatility. Being symmetrical and transformerless the microphone is totally free of the distortion associated with conventional transformer-coupled outputs. Its fast response to transients contributes to the open, transparent reproduction of even the most troublesome of instruments and sound effects.

AT4040

399,00 € Cardioid condenser microphone with shock mount

AT4040SC

459,00 € Cardioid condenser microphone with stand clamp

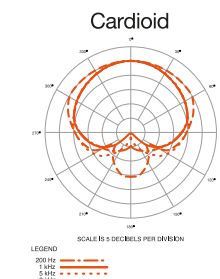
Specifications	AT4033aSM	AT4040 and AT4040SC
Element	Permanently polarized condenser	Externally polarized condenser
Polar Pattern	Cardioid	Cardioid
Frequency Response	30-20,000 Hz	20-20,000 Hz
Open Circuit Sensitivity	-32 dB (25.1 mV), re 1V at 1 Pa*	-32 dB (25.1 mV), re 1V at 1 Pa*
Impedance	100 Ω	100 Ω
Maximum Input Sound Level	145 dB SPL, 1 kHz at 1% T.H.D. 155 dB SPL, with 10 dB pad (nominal)	145 dB SPL, 1 kHz at 1% T.H.D. 155 dB SPL, with 10 dB pad (nominal)
Signal-to-Noise Ratio	77 dB, 1 kHz at 1 Pa*	82 dB, 1 kHz at 1 Pa*
Dynamic Range	128 dB, 1 kHz at Max SPL	133 dB, 1 kHz at Max SPL
Noise	17 dB SPL	12 dB SPL
Low Frequency Roll-Off	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave
Phantom Power Requirement	48V DC, 3.2 mA	48V DC, 4.2 mA
Weight (less accessories)	380 g	360 g
Dimensions	170 mm long - 53.4 mm diameter	170 mm long - 53.4 mm diameter
Output Connector	Integral 3-pin XLRM type	Integral 3-pin XLRM type
Accessories Furnished	Protective carrying case AT8449 shock mount	Protective carrying case AT8449 shock mount (AT4040SM) AT8430 stand clamp (AT4040SC)

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

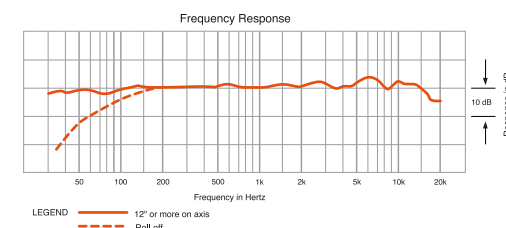
40 series



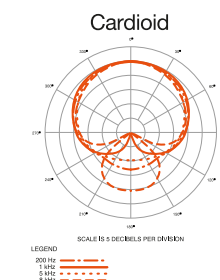
AT4033aSM



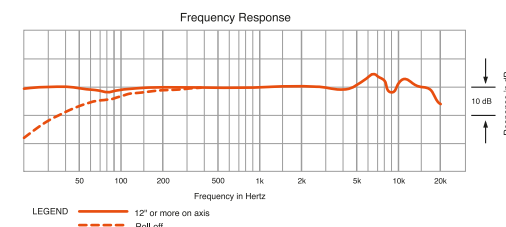
*Lifetime Warranty
information (see page 6).



AT4040



*Lifetime Warranty
information (see page 6).



40 series

40 series precision studio microphones (PC 345-MC 210)

The **AT4041** features a transformerless output for a very high SPL handling capability. The surface of the back plate is precision milled reducing unnatural frequency response peaks and distortion. The back plate is aged providing energy stability. Holding a fixed charge allows a weight reduction of the diaphragm improving transient response and increasing the frequency bandwidth. The rugged microphone is housed in a case of turned brass with black chrome plating for durability and low reflectivity.

AT4041
289,00 € Cardioid condenser microphone



Specifications	AT4041
Element	Permanently polarized Condenser
Polar Pattern	Cardioid
Frequency Response	20-20,000 Hz
Open Circuit Sensitivity	-36 dB (15.8 mV), re 1V at 1 Pa*
Impedance	100 Ω
Maximum Input Sound Level	145 dB SPL, 1 kHz at 1% T.H.D.
Signal-to-Noise Ratio	70 dB, 1 kHz at 1 Pa*
Dynamic Range	121 dB, 1 kHz at Max SPL
Noise	24 dB SPL
Low Frequency Roll-Off	80 Hz, 12 dB/octave
Phantom Power Requirement	48V DC, 3.2 mA typical
Weight (less accessories)	120 g
Dimensions	159.5 mm long; 21 mm diameter
Output Connector	Integral 3-pin XLRM type
Accessories Furnished	Protective carrying case; AT8405a snap-in clamp; AT8159 foam windscreen

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

40 series cardioid condenser microphone (PC 345-MC 210)

The **AT4021** offers a flat, extended frequency response, high maximum SPL and wide dynamic range. Its low self-noise is perfectly suited for the most sophisticated recording equipment. Its low-mass diaphragm improves transient response and reduces handling and mechanical noise transfer.

AT4021

319,00 €

Cardioid condenser microphone

- Outstanding performance and rugged construction, ideal for critical studio & live applications
- High SPL handling and wide dynamic range
- Flat, extended frequency response
- Switchable 80 Hz hi-pass filter and 10 dB pad
- High front-to-back rejection ratio – cardioid polar pattern improves isolation of desired sound source
- Low self-noise perfectly suited for digital recording equipment
- Exceptional reproduction of low-frequency sounds
- Low-mass element for superb transient response

The low-profile **AT4022** is outstanding for piano, acoustic guitar and other acoustic instruments. Offering a flat, extended frequency response and wide dynamic range, it handles high SPLs with ease. Its low-mass diaphragm improves transient response and reduces handling/mechanical noise transfer.

AT4022

349,00 €

Omnidirectional condenser microphone

- Outstanding performance and rugged construction, ideal for critical studio & live applications
- High SPL handling and wide dynamic range
- Flat, extended frequency response
- Switchable 80 Hz hi-pass filter and 10 dB pad
- Omnidirectional polar pattern provides maximum ambient pickup
- Low-self noise perfectly suited for digital recording equipment
- Exceptional reproduction of low-frequency sounds
- Low-mass element for superb transient response

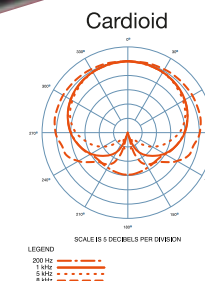
Specifications	AT4021	AT4022
Element	Fixed-charge back plate permanently polarized condenser	Fixed-charge back plate permanently polarized condenser
Polar pattern	Cardioid	Omnidirectional
Frequency Response	20-20,000 Hz	20-20,000 Hz
Low Frequency Roll Off	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave
Open Circuit Sensitivity	-34 dB (19.9 mV) re 1V at 1 Pa*	-34 dB (19.9 mV) re 1V at 1 Pa*
Impedance	250 ohms	250 ohms
Maximum Input Sound Level	146 dB SPL, 1 kHz at 1% T.H.D.; 156 dB SPL, with 10 dB pad (nominal)	146 dB SPL, 1 kHz at 1% T.H.D.; 156 dB SPL, with 10 dB pad (nominal)
Noise	14 dB SPL	13 dB SPL
Dynamic Range (typical)	132 dB, 1 kHz at Max SPL	133 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio	80 dB, 1 kHz at 1 Pa*	81 dB, 1 kHz at 1 Pa*
Phantom Power Requirements	48V DC, 3.0 mA typical	48V DC, 3.0 mA typical
Switches	Flat, roll-off; 10 dB pad	Flat, roll-off; 10 dB pad
Weight	119 g	124 g
Dimensions	144.0 mm long, 21.0 mm maximum body diameter	144.0 mm long, 21.0 mm maximum body diameter
Output Connector	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type
Accessories Furnished	AT8405a stand clamp for 5/8"-27 threaded stands; windscreen; protective carrying case	AT8405a stand clamp for 5/8"-27 threaded stands; windscreen; protective carrying case

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

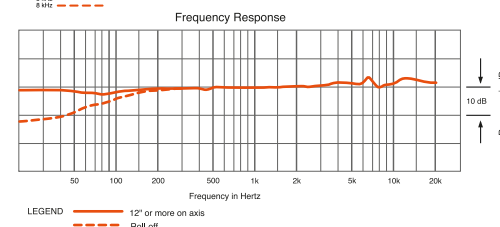
40 series



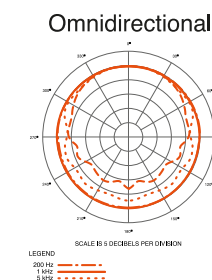
AT4021



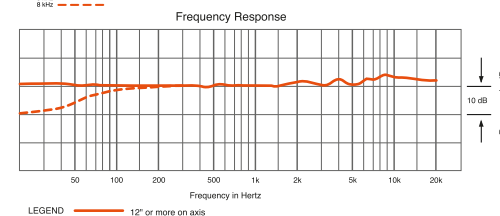
*Lifetime Warranty
information (see page 6).



AT4022

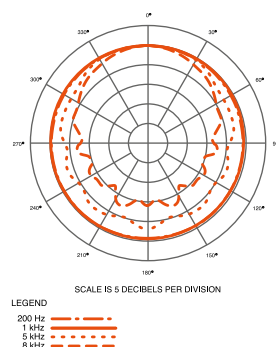


*Lifetime Warranty
information (see page 6).

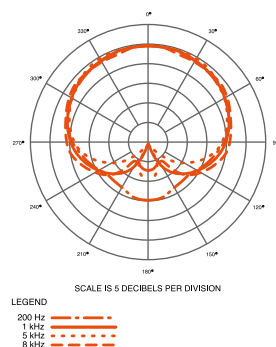


40 series

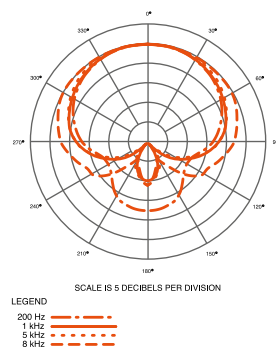
Omnidirectional



Cardioid



Hypercardioid



40 series precision studio microphones (PC 345-MC 210)

Those versatile modular microphones may be used with confidence in a wide variety of professional miking applications. Featuring direct-coupled balanced outputs for clean signals in high-output conditions, the microphone is totally free of the distortion associated with conventional transformer-coupled outputs. And its fast response to transients contributes to the open, transparent reproduction of even the most difficult-to-capture instruments. The microphone is fully RoHS-compliant – free from all substances specified in the EU directive on the reduction of hazardous substances (RoHS).

Each microphone consists of two modular subassemblies: an **AT4900b-48** body and a corresponding condenser head capsule (**AT4049b-EL** omni, **AT4051b-EL** cardioid and **AT4053b-EL** hypercardioid). All head capsules interchangeable and available separately.

- Specially engineered to meet the most critical acoustic requirements of professional recording, broadcast and sound reinforcement
- Direct-coupled, balanced output results in a clean signal even under high-output conditions
- Transformerless circuitry virtually eliminates low-frequency distortion and provides superior correlation of high-speed transients
- Switchable 80 Hz hi-pass filter and 10 dB pad
- Rugged turned-brass microphone housing for enduring dependability
- State-of-the-art design and manufacturing techniques ensure compliance with A-T's stringent consistency and reliability standards

MICROPHONE COMPONENTS

AT4900B-48

299,00 € Electronic / body only

AT4049B-EL

199,00 € Omnidirectional element only

AT4051B-EL

199,00 € Cardioid element only

AT4053B-EL

199,00 € Hypercardioid element only



40 series precision studio microphones (PC 345-MC 210)

MODULAR MICROPHONES

AT4049B

498,00 € Omnidirectional condenser microphone
Recommended for professional recording and critical applications in broadcast.

- Omnidirectional polar pattern provides maximum ambient pickup

AT4051B

498,00 € Cardioid condenser microphone
Ideal for professional recording and critical applications in broadcast

- High front-to-back rejection ratio-cardioid polar pattern improves isolation of desired sound source

AT4053B

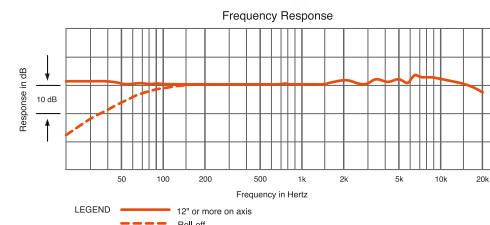
498,00 € Hypercardioid condenser microphone

- Hypercardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source

Specifications	AT4049B	AT4051B	AT4053B
Element	Externally polarized (DC bias) condenser	Externally polarized (DC bias) condenser	Externally polarized (DC bias) condenser
Polar Pattern	Omnidirectional	Cardioid	Hypercardioid
Frequency Response	20-20,000 Hz	20-20,000 Hz	20-20,000 Hz
Low Frequency Roll-Off	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave
Open Circuit Sensitivity	-34 dB (19.9 mV) re 1V at 1 Pa*	-34 dB (19.9 mV) re 1V at 1 Pa*	-34 dB (19.9 mV) re 1V at 1 Pa*
Impedance	50 ohms	50 ohms	50 ohms
Max. Input Sound Level (nominal)	145 dB SPL, 1 kHz at 1% T.H.D.; 155 dB SPL, with 10 dB pad (nominal)	145 dB SPL, 1 kHz at 1% T.H.D.; 155 dB SPL, with 10 dB pad	145 dB SPL, 1 kHz at 1% T.H.D.; 155 dB SPL, with 10 dB pad
Noise	16 dB SPL	16 dB SPL	16 dB SPL
Dynamic Range (typical)	129 dB, 1 kHz at Max SPL	129 dB, 1 kHz at Max SPL	129 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio	78 dB, 1 kHz at 1 Pa*	78 dB, 1 kHz at 1 Pa*	78 dB, 1 kHz at 1 Pa*
Phantom Power Requirements	48V DC, 4.8 mA typical	48V DC, 4.8 mA typical	48V DC, 4.8 mA typical
Switches (nominal)	Flat, roll-off; 10 dB pad (nominal)	Flat, roll-off; 10 dB pad	Flat, roll-off; 10 dB pad
Weight (less accessories)	130 g	126 g	127 g
Dimensions	155.0 mm long, 21.0 mm maximum body Ø	155.0 mm long, 21.0 mm maximum body Ø	155.0 mm long, 21.0 mm maximum body Ø
Output Connector	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type
Optional Interchangeable Elements	AT4051b-EL (cardioid); AT4053b-EL (hypercardioid)	AT4049b-EL (omnidirectional); AT4053b-EL (hypercardioid)	AT4049b-EL (omnidirectional); AT4051b-EL (cardioid)
Accessories Furnished	AT8405a stand clamp for 5/8"-27 threaded stands; windscreen; protective carrying case	AT8405a stand clamp for 5/8"-27 threaded stands; windscreen; protective carrying case	AT8405a stand clamp for 5/8"-27 threaded stands; windscreen; protective carrying case

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

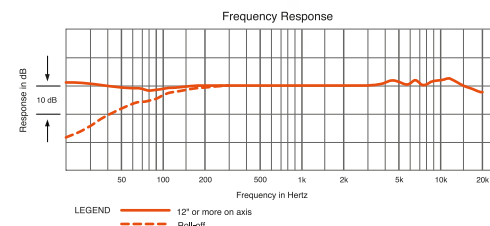
40 series



AT4049B



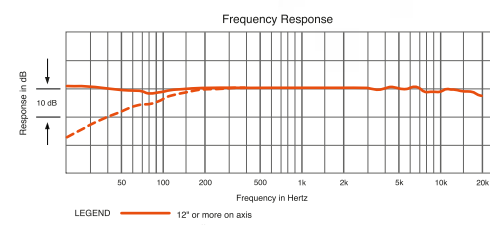
*Lifetime Warranty informations (see page 6).



AT4051B



*Lifetime Warranty informations (see page 6).



AT4053B



*Lifetime Warranty informations (see page 6).

20 series



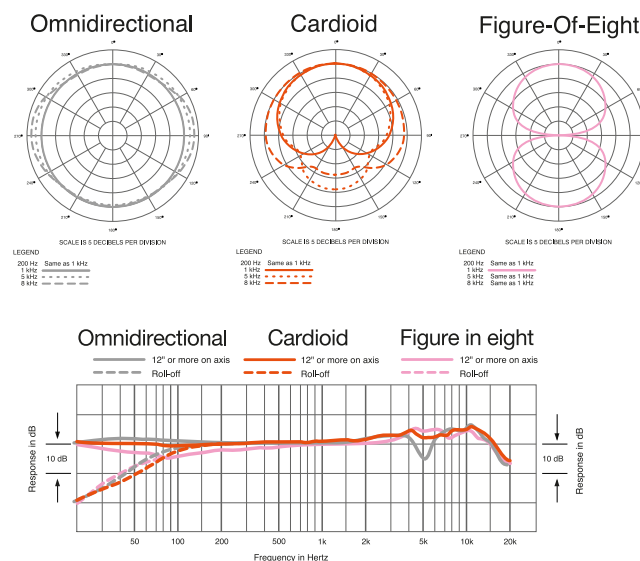
20 series cardioid condenser microphone (PC 342-MC 210)

The **AT2050**'s dual large-diaphragm design provides consistent, superior performance in switchable cardioid, omnidirectional and figure-of-eight polar pattern settings. Its dual large diaphragms are gold-vaporized and aged to achieve optimum characteristics over years of use.

AT2050

249,00 € Multi-pattern condenser microphone

- Three switchable polar patterns: omni, cardioid, figure-of-eight
- Dual-diaphragm capsule design maintains precise polar pattern definition across the full frequency range of the microphone
- Switchable 80 Hz high-pass filter and 10 dB pad
- State-of-the-art surface-mount electronics ensure compliance with A-T's stringent consistency and reliability standards
- Dual large diaphragms are gold-vaporized and aged to maintain optimum characteristics over years of use



Specifications

Element	Externally polarized (DC Bias) condenser
Polar Patterns	Cardioid, Omnidirectional, Figure-of-Eight
Frequency Response	20-20,000 Hz
Low Frequency Roll-Off	80 Hz, 12 dB/octave
Open Circuit Sensitivity	-42 dB (10.0 mV) re 1V at 1 Pa*
Impedance	120 ohms
Maximum Input Sound Level	149 dB SPL, 1 kHz at 1% T.H.D.; 159 dB SPL with 10 dB pad (nominal)
Noise	17 dB SPL
Dynamic Range (typical)	132 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio	77 dB, 1 kHz at 1 Pa*
Phantom Power Requirements	11-52V DC (±4V), 4.7 mA typical
Switches	Polar selection; Flat, roll-off; 10 dB pad (nominal)
Weight	412 g
Dimensions	170.0 mm long, 52.0 mm maximum body diameter
Output Connector	Integral 3-pin XLRM-type
Accessories Furnished	AT8458 Shock mount for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

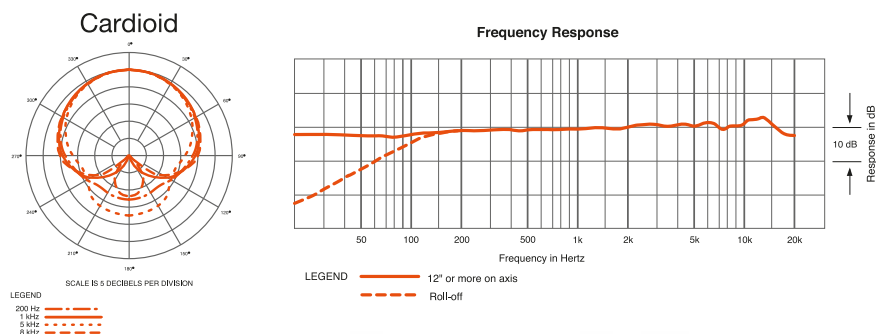
20 series cardioid condenser microphone (PC 342-MC 210)

Designed for critical home/project/professional studio applications and live performance, the **AT2035** delivers exceptional detail and low noise. With its extended low-frequency response, the **AT2035** provides rich, full sound reproduction and handles extremely high sound pressure levels with ease.

AT2035

179,00 € Cardioid condenser microphone

- Large diaphragm for smooth, natural sound and low noise
- High SPL handling and wide dynamic range provide unmatched versatility
- Custom shock mount provides superior isolation
- Switchable 80 Hz high-pass filter and 10 dB pad
- Cardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source



The AT2050 and AT2035 includes the AT8458 shock mount, threaded adapter, soft protective pouch.



Specifications	AT2035
Element	Fixed-charge back plate permanently polarized condenser
Polar Pattern	Cardioid
Frequency Response	20-20,000 Hz
Low Frequency Roll Off	80 Hz, 12 dB/octave
Open Circuit Sensitivity	-33 dB (25.1 mV) re 1V at 1 Pa*
Impedance	120 ohms
Maximum Input Sound Level	148 dB SPL, 1 kHz at 1% T.H.D.; 158 dB SPL, with 10 dB pad (nominal)
Noise	12 dB SPL
Dynamic Range (typical)	136 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio	82 dB, 1 kHz at 1 Pa*
Phantom Power Requirements	11-52V DC, 3.8 mA typical
Switches	Flat, roll-off; 10 dB pad (nominal)
Weight	403 g
Dimensions	170.0 mm long, 52.0 mm maximum body diameter
Output Connector	Integral 3-pin XLRM-type
Accessories Furnished	AT8458 shock mount for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

20 series



AT2035

20 series



20 series cardioid condenser microphones (PC 342-MC 210)

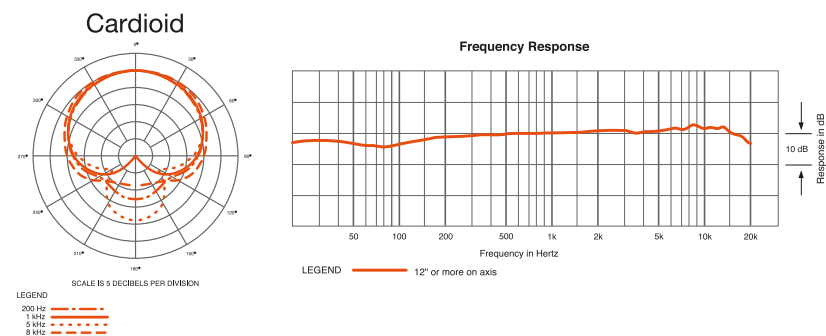
The **AT2020** sets a standard for price performance in a side-address studio condenser way ahead of its time. The low mass diaphragm is custom engineered for an extended frequency response, superior transient response, wide dynamic range, high SPLs and low noise making it perfectly suited for modern digital recording equipment. A real favorite for female vocal recording, its rugged construction and manufacturing techniques ensure stringent consistency and reliability designed for years of use.

AT2020

119,00 €

Cardioid condenser microphone

- The price/performance standard in side-address studio condenser microphone technology
- Ideal for project/home-studio applications
- High SPL handling and wide dynamic range provide unmatched versatility
- Custom-engineered low-mass diaphragm provides extended frequency response and superior transient response
- Cardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source
- Pivoting, threaded stand mount attaches securely for easy and precise placement of the microphone
- Low self-noise—perfectly suited for sophisticated digital recording equipment



Specifications	AT2020
Element	Fixed-charge back plate permanently polarized condenser
Frequency Response	20-20,000 Hz
Open Circuit Sensitivity	-37 dB (14.1 mV), re 1V at 1 Pa*
Impedance	100 Ω
Maximum Input Sound Level	144 dB SPL, 1 kHz at 1% T.H.D.
Noise	20 dB SPL
Dynamic Range (typical)	124 dB, 1 kHz at max SPL
Signal-to-Noise Ratio	74 dB, 1 kHz at 1 Pa*
Phantom Power Requirements	48V DC, 2mA typical
Weight (less accessories)	345 g
Dimensions	162.0 mm long, 52.0 mm maximum body \varnothing
Output Connector	Integral 3-pin XLRM-type
Accessories Furnished	AT8466 stand mount for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch

*1 pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

20 series cardioid condenser end-address microphone (PC 342-MC 210)

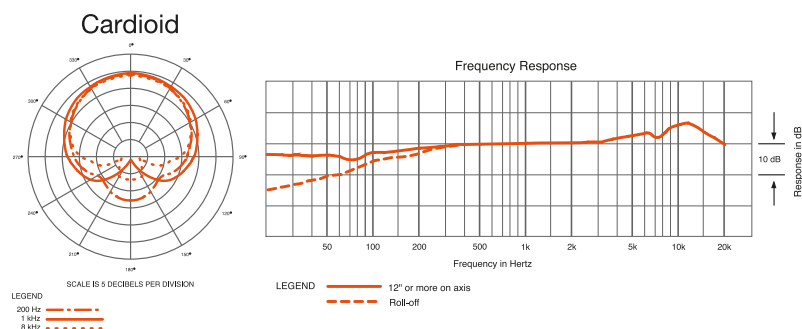
The **AT2031** is the ideal microphone for stringed instruments in critical studio and live applications. Its permanently polarized element offers extended frequency response with a slight rise in the high frequency range for a more detailed sound. Its low self-noise and high SPL handling capability offer a wide dynamic range, perfectly suited for the most demanding applications.

AT2031

149,00€

Cardioid condenser microphone for stringed instruments

- Outstanding performance and rugged construction
- High SPL handling and wide dynamic range
- Smooth, extended frequency response with a slight rise in the high-frequency region
- Switchable 150 Hz 6dB/oct hi-pass filter
- Cardioid polar pattern improves isolation of desired sound source
- Low self noise perfectly suited for digital recording equipment
- Ideal for stringed instruments such as violin, cello, acoustic guitar, harp and piano.



NEW

AT2031

Perfects Strings
at a Perfect Price

Dynamic Range:

124 dB

Max. Input Sound Level:

141 dB SPL



AT2031



Specifications

AT2031

Element	Fixed-charge back plate permanently polarized condenser
Polar Pattern	Cardioid
Frequency Response	20-20,000 Hz
Low Frequency Roll-Off	150 Hz, 6 dB/octave
Open Circuit Sensitivity	-34 dB (19.9 mV) re 1V at 1 Pa*
Impedance	85 Ω
Maximum Input Sound Level	141 dB SPL, 1 kHz at 1% T.H.D.
Noise	17 dB SPL
Dynamic Range (typical)	124 dB, 1 kHz at max SPL
Signal-to-Noise Ratio	77 dB, 1 kHz at 1 Pa*
Phantom Power Requirements	48V DC, 2mA typical
Switches	Flat, roll-off
Weight (less accessories)	134 g
Dimensions	143.0 mm long, 21.0 mm maximum body ϕ
Output Connector	Integral 3-pin XLRM-type
Accessories Furnished	AT8405a stand clamp; windscreen; soft protective pouch

*1 pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

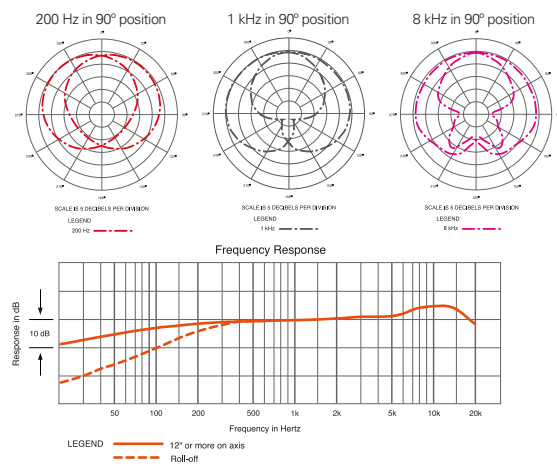
20 series



NEW

AT2022

X/Y Stereo Microphone



AT2022

20 series X/Y Stereo Microphone (PC 000-MC 000)

The new **AT2022** is a condenser microphone designed for stereo recording. Two unidirectional condenser capsules in an X/Y configuration pivot to allow for narrow (90°) or wide (120°) stereo operation. The capsules also fold flat for storage and transportation. Designed for general stereo recording and field sound capture, the **AT2022** provides the spatial impact and realism of a live sound field.

AT2022
249,00 € X/Y Stereo Microphone

- X/Y stereo microphone with unique pivoting electret condenser capsules for ultimate flexibility
- Provides the spatial impact and realism of a live sound field
- Battery operation allows use with most recording devices
- Switchable low-frequency roll-off minimizes pickup of unwanted low-frequency noise
- User-selectable 90° or 120° stereo operation for narrow or wide pickup patterns
- Ideal for general stereo recording and field sound capture
- Excellent channel separation
- Included fuzzy windscreen offers excellent wind protection

20 series cardioid condenser microphones (PC 342-MC 210)

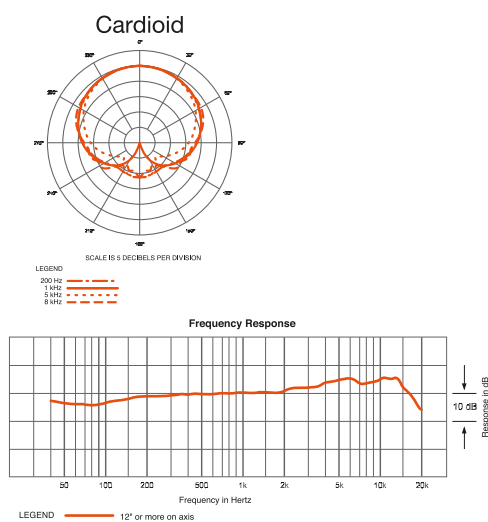
The **AT2010** is designed to bring the studio-quality articulation and intelligibility of Audio-Technica's renowned 20 Series to the stage, for crystal-clear vocal performances. Featuring the same 16 mm low-mass diaphragm found in the critically acclaimed **AT2020** side-address studio condenser, the **AT2010** excels wherever articulate vocals are needed: in houses of worship, for solo performances, jazz vocalists, singer/songwriters, and more.

AT2010
119,00 € Cardioid condenser handheld microphone

- Extended frequency response and superior transient response for smooth, natural sonic characteristics
- High SPL-handling and wide dynamic range provide unmatched versatility
- Cardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source
- Multi-stage grille design offers excellent protection against plosives and sibilance without compromising high-frequency clarity
- Rugged, all-metal construction for years of trouble-free use



AT2010



Specifications	AT2022	AT2010
Element	Fixed-charge back plate permanently polarized condenser	Fixed-charge back plate permanently polarized condenser
Polar Pattern	X/Y stereo	Cardioid
Frequency Response	20-20,000 Hz	40-20,000 Hz
Low Frequency Roll-off	150 Hz, 6 dB/octave	
Open Circuit Sensitivity	-41 dB (8.9mW), re 1V at 1 Pa*	-48 dB (3.9mW), re 1V at 1 Pa*
Channel balance	<2.5 dB	
Impedance	200 Ω	100 Ω
Maximum Input Sound Level	122 dB SPL, 1kHz at 1% T.H.D.	136 dB SPL, 1kHz at 1% T.H.D.
Noise	19 dB SPL	23 dB SPL
Dynamic Range (typical)	103 dB, 1kHz at Max SPL	113 dB, 1kHz at Max SPL
Signal-to-Noise Ratio	75 dB, 1kHz at 1 Pa*	71 dB, 1kHz at 1 Pa*
Phantom Power Requirements		48 V DC, 2 mA typical
Battery Type	1.5V AA/UM3 - WARNING: the AT2022 is designed for battery operation only. Do not attempt to use when phantom power is present. Possible damage to the microphone may result.	
Weight (less accessories)	270g	233g
Switch	Off, on/flat, on/roll-off	
Dimensions	192.0 mm long, 65.0 mm max. head Ø, 21.0 mm max. body Ø	179.1 mm long, 50.8 mm maximum body Ø
Output Connector	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type
Cable	0.5 m long, 3 conductor, shielded, vinyl-jacketed stereo cable with 3-pin XLRF-type connector at microphone end and 3.5 mm (1/8") TRS connector at output end	
Accessories Furnished	AT8405a stand clamp for 5/8"-27 threaded stands; fuzzy windscreen; battery; soft protective pouch	AT8470 Quiet-Flex™ stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch

*1 pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

20 series USB cardioid condenser microphones (PC 342-MC 210)

Designed for computer-based recording, the new **AT2020USB** cardioid condenser microphone is ideal for digitally capturing music or any acoustic audio source using your favorite recording software. Equipped with a USB digital output, the **AT2020USB** offers studio-quality articulation and intelligibility perfect for home studio recording, field recording, podcasting, and voiceover use. Based on the design of Audio-Technica's critically acclaimed **AT2020** cardioid condenser microphone, the **AT2020USB** features a low-mass diaphragm, custom-engineered for extended frequency response and superior transient response. Audio-Technica's state-of-the-art design and manufacturing techniques ensure that the microphone complies with the company's renowned consistency and reliability standards.

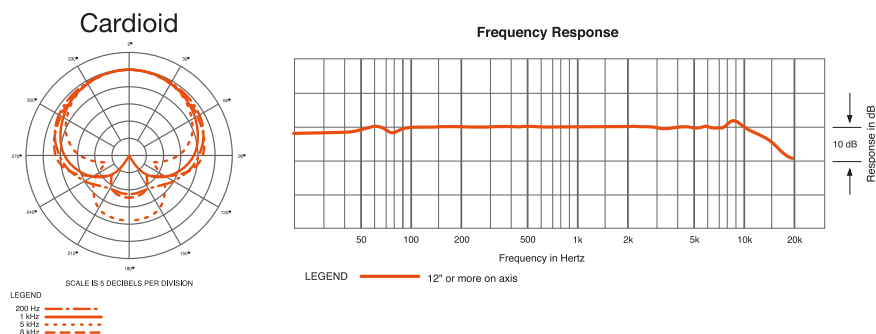
WINDOWS AND MAC COMPATIBLE

SIDE-ADDRESS STUDIO CONDENSER WITH USB DIGITAL OUTPUT.

AT2020USB

169,00 € USB cardioid condenser microphone

- Side-address cardioid condenser with USB digital output (Windows and Mac compatible)
- Ideal for podcasting, home studio recording, field recording, and voiceover use
- Custom-engineered low-mass diaphragm provides extended frequency response and superior transient response
- Cardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source
- Low self-noise – perfectly suited for sophisticated digital recording equipment
- USB powered; connects directly to computer's USB input
- Pivoting, threaded stand mount attaches securely for easy and precise placement of the microphone
- Tripod desk stand with folding legs offers secure and easily portable tabletop base



Specifications	AT2020USB
Element	Fixed-charge back plate permanently polarized condenser
Polar Pattern	Cardioid
Frequency Response	20 -16,000 Hz
Bit Depth	16 bit
Sample Rate	44.1 kHz
Power Requirements	USB power (5V DC)
Weight (less accessories)	374 g
Dimensions	162.0 mm long, 52.0 mm maximum body diameter
Output Connector	USB-type connector
Accessories Furnished	Pivoting stand mount for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch; tripod desk stand; 3.1 m USB cable



AT2020USB

studio microphones application guide

	40 series														20 series*					
	AT4080	AT4081	AT4050	AT4050ST	AT4047	AT4047MP	AT4033a	AT4040	AT4041	AT4021	AT4022	AT4049B	AT4051B	AT4053B	AT2050	AT2035	AT2020	AT2010	AT2031	AT2020 USB ⁽²⁾
VOCAL																				
Vocal (singing)	★	●	●		●	●	●	●	●						●	●	●	●		●
Vocal (speaking)	★	●	●	●	●	★		●	●						●	●	●	●		●
Vocal (choir)			●	★																
DRUMS ⁽¹⁾																				
Overheads	●		●	★		●	●	●	●	●					●	●	●		●	
Hi-Hat			●				●	●	●	●				●	●				●	
Snare drum							●	●	●	●			●	●					●	
Toms								●	●	●										
Cymbals								●	●	●										
Kick Drum			●		●	●									●					
PERCUSSION ⁽¹⁾																				
General percussions		●	●	●			●	●	●	●	●			●	●	●	●		●	
Classic percussion			●	●				●	●	●	●	●			●				●	
Minor percussion								●	●	●			●				●		●	
SPECIAL APPLICATION																				
Vintage sound	★	★			●	●														
PIANO																				
Piano	●	●	★	●			●	●		●					●	●	●		●	
BRASS																				
Trumpet					●	●	●	●								●	●			
Trombone					●	●	●	●								●	●			
WOODWIND																				
Clarinet & Oboe		●					●	●								●	●			
Flute & Piccolo		●					●	★			●	●				●	●			
Saxophone	●	●	★		●	●	●	●								●	●			
Bassoon							●											●		
WIND INSTRUMENT																				
Harmonica					●	●									●			●		
Accordion			●					●		●										
ORCHESTRAL STRINGS																				
Cello			●				●	●				●			●				★	
Violin / Alto			●								●	●			●				★	
ContraBass			●					●							●				●	
STRINGS																				
Acoustic guitar			●						★				●		●				★	
Banjo			●						●	●				●	●				★	
INSTRUMENT AMPLIFIER																				
Guitar amp	●	●	●		★	●	●	●							●		●			
Bass guitar amp			●	●	●	●		●							●					
Leslie Speaker				●				●	●				●				●			

*AT2022 See page 46 - ⁽¹⁾For drums and percussions, see Artist Elite® application chart, page 34. ⁽²⁾Equipped with a USB digital output mainly use for speaking or singing but can as well be used with acoustic instrument.

This application chart is a guide to selecting an Audio-Technica microphone for a specific application.

Feel free to experiment with different microphone options as we realise the importance of personal taste and the acoustic environment.

Our Recommendation ●
Best Choice ★





AE5400 cardioid condenser microphone

live sound microphones



*Lifetime Warranty
informations
(see page 6).

artist elite®

To find what makes the best sounding, most reliable and consistent microphones for the live sound industry we have worked closely with industry professionals from the top touring companies, award show designers, front of house engineers, monitor engineers, audio consultants and artists. We listened carefully and applied this knowledge to the creation of the Artist Elite® line. A high end range of high performance microphones with the ultimate design goal that each model must extend the performance of a sound system, not limit it.

page 26 to 27



*Lifetime Warranty
informations
(see page 6).

artist series

Artist Series is packed with the culmination of more than 40 years of R & D into these road proven, reliable designs. The range includes an affordable dual element kick drum/ guitar cabinet microphone, a cute side-address pencil condenser for endless placement options and a road worthy vocal condenser microphone with great off-axis response. The artist series durable rugged design is engineered to perform flawlessly despite the inevitable bumps and bruises of life on the road. With clear detailed reproduction, low distortion and fast transients to capture every live performance the artist series offers superb reliability.

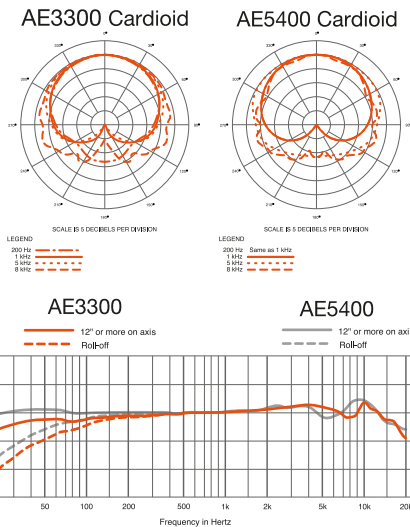
page 28 to 33

application guide

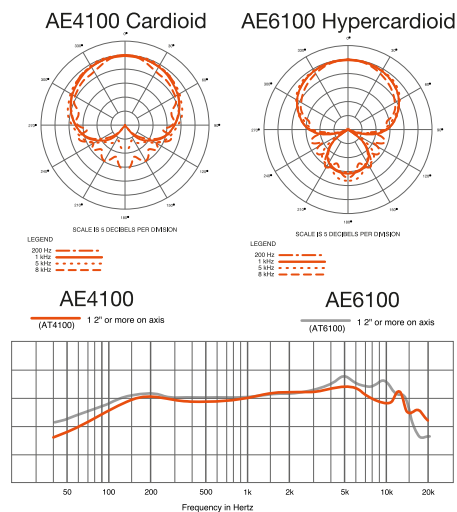
page 34



AE3300 - AE5400



AE4100 - AE6100



artist elite® microphones (PC 304-MC 220)

CONDENSER VOCAL MICROPHONES

AE5400

380,00 €

Cardioid condenser microphone

- Pristine sound quality demanded by the most discriminating microphone user
- Large-diaphragm element and true condenser design
- Superior anti-shock engineering ensures low handling noise and quiet performance
- Excellent protection against plosives and sibilance without compromising high-frequency clarity
- Robust design for enduring dependability on the road
- Integral 80 Hz HPF switch and 10 dB pad

AE3300

320,00 €

Cardioid condenser microphone

- Exacting detail, brilliant clarity and uncoloured realism
- Well-tempered polar pattern with outstanding rejection qualities
- Superior anti-shock engineering ensures low handling noise and quiet performance
- Excellent protection against plosives and sibilance without compromising high-frequency clarity
- Robust design for enduring dependability on the road
- Integral 80 Hz HPF switch and 10 dB pad

DYNAMIC VOCAL MICROPHONES

AE6100

196,00 €

Hypercardioid dynamic microphone

- Great presence with excellent monitor cut
- High output, fast transients and clean articulation
- Maximum feedback rejection
- Superior anti-shock engineering for low handling noise
- Outstanding pop protection
- Tough, durable, resilient – built for the road

AE4100

196,00 €

Cardioid dynamic microphone

- Aggressive sound that stays up-front in the mix
- Optimized for the stage with excellent isolation properties
- Superior anti-shock engineering for low handling noise
- Outstanding pop protection
- Tough, durable, resilient – built for the road



Specifications	AE5400	AE3300	AE6100	AE4100
Element	Externally polarized condenser	Electret condenser	Dynamic	Dynamic
Polar Pattern	Cardioid	Cardioid	Hypercardioid	Cardioid
Frequency Response	20-20,000 Hz	30-18,000 Hz	60-15,000 Hz	90-18,000 Hz
Open Circuit Sensitivity	-40 dB (10.0 mV), re 1V at 1 Pa*	-42 dB (7.9 mV), re 1V at 1 Pa*	-55 dB (1.7 mV), re 1V at 1 Pa*	-55 dB (1.7 mV), re 1V at 1 Pa*
Impedance	150 Ω	150 Ω	250 Ω	250 Ω
Maximum Input Sound Level	147 dB SPL, 1 kHz at 1% T.H.D. 157 dB SPL, with 10 dB pad	147 dB SPL, 1 kHz at 1% T.H.D. 157 dB SPL, with 10 dB pad		
Signal-to-Noise Ratio	80 dB, 1 kHz at 1 Pa*	75 dB, 1 kHz at 1 Pa*		
Dynamic Range	133 dB, 1 kHz at Max SPL	128 dB, 1 kHz at Max SPL		
Noise	14 dB SPL	19 dB SPL		
Low Frequency Roll-Off	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave		
Phantom Power Requirements	11-52V DC, 4 mA	11-52V DC, 3 mA		
Weight (less accessories)	330 g	300 g	310 g	310 g
Dimensions	179 mm long; 50 mm diameter	179 mm long; 50 mm diameter	177 mm long; 48 mm diameter	177 mm long; 48 mm diameter
Output Connector	3-pin XLRM-type	3-pin XLRM-type	3-pin XLRM-type	3-pin XLRM-type
Accessories Furnished	AT8470 Quiet-Flex™; stand clamp; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch	AT8470 Quiet-Flex™; stand clamp; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch	AT8470 Quiet-Flex™; stand clamp; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch	AT8470 Quiet-Flex™; stand clamp; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

artist elite® instruments microphones (PC 304-MC 220)

AE2500

590,00 € Dual-element cardioid microphone

- Revolutionary, first-of-its-kind dual-element design represents a ground-breaking transducer achievement
- Two elements (condenser and dynamic) are enclosed in a single housing
- Dynamic element delivers the aggressive attack of the beater while the condenser captures the round tonalities of the shell
- Elements are positioned in a perfect phase relationship, something practically unachievable with two separate microphones
- Robust design for enduring dependability on the road
- Integral 80 Hz HPF switch and 10 dB pad
- 5 m dual-shielded, 8-conductor cable, 5-pin XLR-type connector at microphone, two 3-pin XLRM-type output connectors

AE3000

260,00 € Cardioid condenser microphone

- Excels in high-SPL applications such as guitar cabinets, toms, snare, timpani and overheads
- Large-diaphragm capsule combines with the open architecture of the headcase to provide an extremely accurate and open sound
- Low-profile side-address design with tapered grille allows optimal positioning of element vis-à-vis sound source
- Robust design for enduring dependability on the road
- Integral 80 Hz HPF switch and 10 dB pad



AE5100

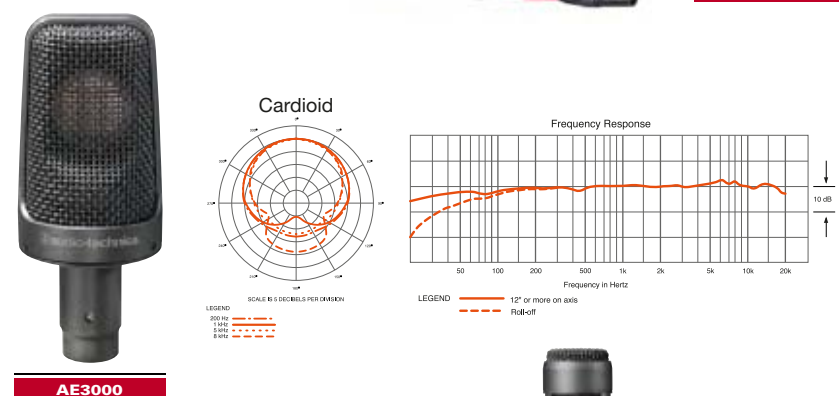
290,00 € Cardioid condenser microphone

- Uncompromising sound quality for overheads, percussion, acoustic guitar, strings and other acoustic instruments
- Large-diaphragm capsule delivers accurate, uncoloured and extremely natural response.
- Low-profile design permits innovative placement options previously unattainable with a large-diaphragm condenser
- Robust design for enduring dependability on the road
- Integral 80 Hz HPF switch and 10 dB pad

Specifications	AE2500	AE3000	AE5100
Element	Condenser, dynamic	Electret condenser	Electret condenser
Polar Pattern	Cardioid	Cardioid	Cardioid
Frequency Response	Dynamic : 30-10,000 Hz / Condenser : 20-17,000 Hz	20-20,000 Hz	20-20,000 Hz
Open Circuit Sensitivity	Dynamic : -54 dB (1.9 mV) / Condenser : -51 dB (2.8 mV), re 1V at 1 Pa*	-43 dB (7 mV), re 1V at 1 Pa*	-36 dB (15.8 mV), re 1V at 1 Pa*
Impedance	Dynamic : 600 Ω / Condenser : 100 Ω	100 Ω	150 Ω
Max. Input Sound Level	Condenser : 148 dB SPL, 1 kHz at 1% T.H.D. 158 dB SPL, with 10 dB pad (nominal)	148 dB SPL, 1 kHz at 1% T.H.D. 158 dB SPL, with 10 dB pad	148 dB SPL, 1 kHz at 1% T.H.D. 158 dB SPL, with 10 dB pad
Signal-to-Noise Ratio	Condenser : 70 dB, re 1V at 1 Pa*	83 dB, re 1V at 1 Pa*	83 dB, re 1V at 1 Pa*
Dynamic Range	Condenser : 124 dB, 1 kHz at Max SPL	137 dB, 1 kHz at Max SPL	137 dB, 1 kHz at Max SPL
Low Frequency Roll-Off	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave
Power Requirement	11-52V DC, 3 mA	11-52V DC, 3 mA	11-52V DC, 3.2 mA
Weight (less accessories)	390 g	170 g	143 g
Dimensions	165 mm long, 55 mm Ø	115.5 mm long, 48 mm Ø	148.5 mm long, 26 mm Ø
Output Connector	Integral 5-pin XLRM type	Integral 3-pin XLRM type	Integral 3-pin XLRM type
Accessories Furnished	Protective pouch; AT8471 Isolation clamp; cable 5 m dual shielded, 8-conductor cable, 5-pin XLR-type connector at microphone, two 3-pin XLRM-type output connectors 5/8"-27 to 3/8"-16 threaded adapter	Protective pouch; AT8471 Isolation clamp; 5/8"-27 to 3/8"-16 threaded adapter	Protective pouch; AT8471 Isolation clamp; AT8136 Windscreen; 5/8"-27 to 3/8"-16 threaded adapter

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

artist elite®



artist series

artist series condenser vocal microphone (PC 305-MC 220)

ATM710

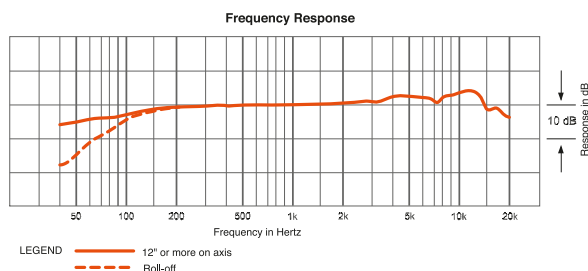
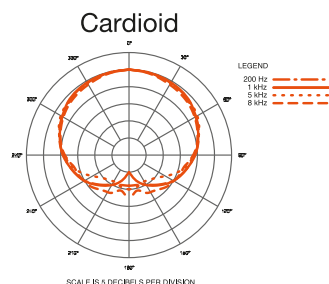
179,00 € High-fidelity handheld condenser

A user friendly condenser microphone tailored for high-fidelity vocal reproduction. The studio quality performance of the **ATM710** is brought to the stage with an extremely tight cardioid pattern making feedback and stage sound easier to manage. An 80Hz hi-pass filter switch provides a low frequency roll-off while a switchable 10 dB pad lowers the microphone's sensitivity providing higher SPL capability to deal with any extreme vocal presence.

- Excels in venues with controlled stage volume or in-ear monitoring
- Multi-stage grille design offers excellent protection against plosives and sibilance without compromising high-frequency clarity
- Cardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source
- Superior anti-shock engineering for low handling noise
- Condenser design for studio-quality performance
- Integral 80 Hz HPF switch and 10 dB pad
- Gold-plated XLRM-type connector and rugged, all-metal design



ATM710



The ATM710 includes the AT8470 Quiet-Flex™ stand clamp and a soft protective pouch.



UK Singer / Songwriter Jodie Jones using ATM710.

Specifications	ATM710
Element	Fixed-charge back plate permanently polarized condenser
Polar Pattern	Cardioid
Frequency Response	40-20,000 Hz
Low Frequency Roll-Off	80 Hz, 12 dB/octave
Open Circuit Sensitivity	-40 dB (10.0 mV) re 1V at 1 Pa*
Impedance	200 ohms
Maximum Input Sound Level	148 dB SPL, 1 kHz at 1% T.H.D.
Dynamic Range (typical)	127 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio	73 dB, 1 kHz at 1 Pa*
Phantom Power Requirements	11-52V DC, 3.5 mA typical
Switches	Flat, roll-off; 10 dB pad
Weight	274 g
Dimensions	179.0 mm long, 50.0 mm diameter
Output Connector	Integral 3-pin XLRM-type
Accessories Furnished	AT8470 Quiet-Flex™ stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

artist series dynamic vocal microphone (PC 305-MC 220)

ATM610

139,00 € Hypercardioid dynamic vocal microphone

- Tailored for extended-range, high-fidelity vocal reproduction
- Hypercardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source
- Durable performance for professional applications
- Special dual-wall floating construction reduces handling noise and assures consistent performance from mic to mic
- Hi-ENERGY® neodymium magnet for articulate vocal reproduction
- Multi-stage grille design offers excellent protection against plosives and sibilance without compromising high-frequency clarity
- Quiet-Flex™ stand clamp provides silent, flexible microphone positioning

ATM410

99,00 € Cardioid dynamic vocal microphone

- Tailored for smooth, natural vocal reproduction
- Cardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source
- Durable performance for professional applications
- Hi-ENERGY® neodymium magnet for improved output and transient response
- Excellent off-axis rejection for minimum feedback
- Superior anti-shock engineering for low handling noise
- Multi-stage grille design offers excellent protection against plosives and sibilance without compromising high-frequency clarity
- Quiet-Flex™ stand clamp provides silent, flexible microphone positioning



The ATM610 and 410 includes the AT8470 Quiet-Flex™ stand clamp and a soft protective pouch.

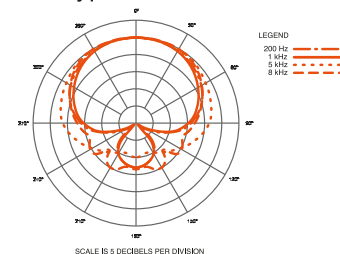
Specifications	ATM610	ATM410
Element	Dynamic	Dynamic
Polar Pattern	Hypercardioid	Cardioid
Frequency Response	40-16,000 Hz	90-16,000 Hz
Open Circuit Sensitivity	-55 dB (1.7 mV) re 1V at 1 Pa*	-55 dB (1.7 mV) re 1V at 1 Pa*
Impedance	300 ohms	300 ohms
Weight	280 g	233 g
Dimensions	177.0 mm long, 48.0 mm diameter	170.0 mm long, 53.5 mm diameter
Output Connector	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type
Accessories Furnished	AT8470 Quiet-Flex™ stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch	AT8470 Quiet-Flex™ stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

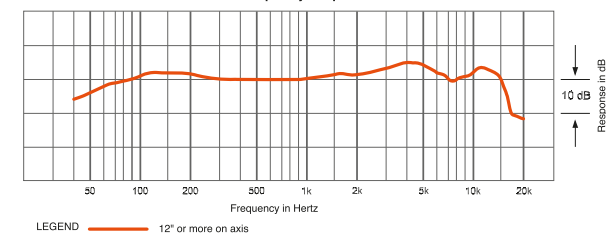


ATM610

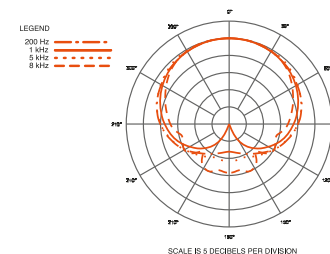
Hypercardioid



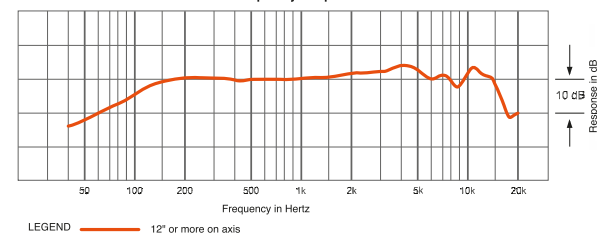
Frequency Response



Cardioid



Frequency Response



ATM410

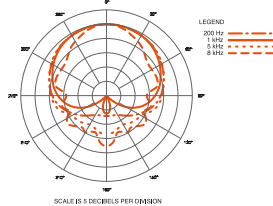
artist series



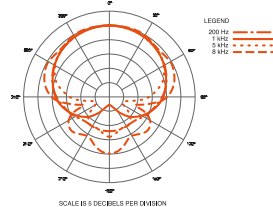
ATM250DE



Dynamic Hypercardioid



Condenser Cardioid

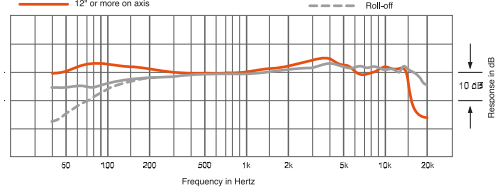


Dynamic

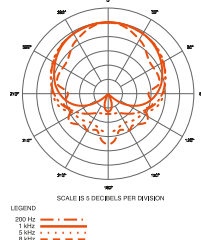
12° or more on axis

Condenser

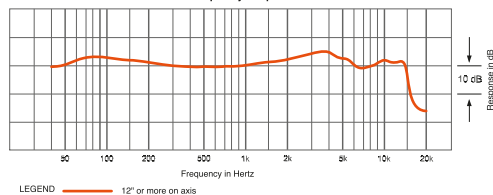
12° or more on axis



Hypercardioid



Frequency Response



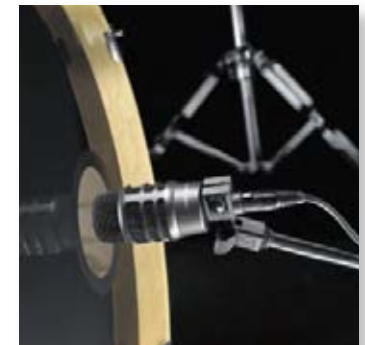
ATM250

artist series dual element instrument microphone (PC 305-MC 220)

ATM250DE

339,00 € Dual-element instrument microphone

- Audio-Technica's proven dual-element design features two elements (condenser and dynamic) enclosed in a single housing
- Neodymium dynamic element provides punch and attack, while the condenser element captures the full audio spectrum
- Elements are positioned in a perfect phase relationship, something practically unachievable with two separate microphones
- Perfect for **kick drum**, **guitar amps** and instrument use
- Integral 80 Hz HPF switch and 10 dB pad (condenser element)
- Includes AT8471 isolation clamp for shock protection, secure mounting and easy positioning



artist series dynamic instrument microphone (PC 305-MC 220)

ATM250

209,00 € Hypercardioid dynamic instrument microphone

- Frequency response tailored for **kick drum**, **percussion**, brass, and other highly dynamic instruments
- Handles very high SPL at close range
- Big, warm low-frequency response with excellent presence
- Hypercardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source
- Durable performance for professional applications
- Hi-ENERGY® neodymium magnet for improved output and transient response
- Superior off-axis rejection for maximum gain before feedback
- Includes isolation clamp for shock protection, secure mounting and easy positioning



Specifications	ATM250DE	ATM250
Element	Condenser, dynamic	Dynamic
Polar Pattern	Cardioid (condenser) - Hypercardioid (dynamic)	Hypercardioid
Frequency Response	40-20,000 Hz (condenser) - 40-15,000 Hz (dynamic)	40-15,000 Hz
Low Frequency Roll-Off	80 Hz, 12 dB/octave (condenser)	
Open Circuit Sensitivity	-49 dB (3.5 mV), re 1V at 1 Pa* (condenser) -53 dB (2.2 mV), re 1V at 1 Pa* (dynamic)	-54 dB (1.9 mV), re 1V at 1 Pa*
Impedance	50 ohms (condenser) - 600 ohms (dynamic)	600 ohms
Maximum Input Sound Level	148 dB SPL, 1 kHz at 1% T.H.D. (condenser)	
Dynamic Range (typical)	122 dB, 1 kHz at Max SPL (condenser)	
Signal-to-Noise Ratio	68 dB, 1 kHz at 1 Pa* (condenser)	
Phantom Power Requirements	11-52V DC, 3.5 mA typical (condenser)	
Switches	Flat, roll-off; 10 dB pad (condenser only)	
Weight	320 g	252 g
Dimensions	143.6 mm long, 55.0 mm diameter	127.5 mm long, 55.0 mm diameter
Output Connector	Integral 5-pin XLRM-type	Integral 3-pin XLRM-type
Cable	5.0 m (16.5') dual shielded, 8-conductor cable, 5-pin XLRM-type connector at microphone, two 3-pin XLRM-type output connectors	
Accessories Furnished	AT8471 isolation clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 adapter; soft protective pouch	AT8471 isolation clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

artist series dynamic instrument microphone (PC 305-MC 220)

ATM650

109,00 € Hypercardioid dynamic instrument microphone

- Tailored response for musical instrument **pickup-guitar cabinets, snare** and other **percussion**
- Hypercardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source
- Durable performance for professional applications
- Special dual-wall floating construction reduces handling noise and assures consistent performance from mic to mic
- Hi-ENERGY® neodymium magnet for improved output and transient response
- Multi-stage flat grille design is engineered to enable easy placement as close as possible to sound source



artist series side-address condenser instrument microphone (PC 305-MC 220)

ATM450

219,00 € Cardioid condenser instrument microphone

- Unique side-address stick design maximizes placement options with minimal obstructions
- Uncompromising sound quality for overheads, **percussion, acoustic guitar, strings** and other acoustic instruments
- Integral 80 Hz HPF switch and 10 dB pad
- Durable performance for professional applications
- Cardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source
- Includes AT8471 isolation clamp for shock protection, secure mounting and easy positioning



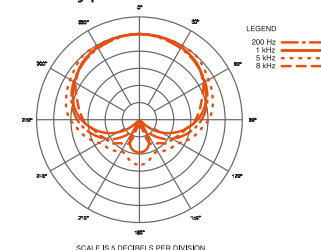
Specifications	ATM650	ATM450
Element	Dynamic	Fixed-charge back plate permanently polarized condenser
Polar Pattern	Hypercardioid	Cardioid
Frequency Response	80-17,000 Hz	40-20,000 Hz
Low Frequency Roll-Off		80 Hz, 18 dB/octave
Open Circuit Sensitivity	-56 dB (1.5 mV), re 1V at 1 Pa*	-41 dB (8.9 mV), re 1V at 1 Pa*
Impedance	300 ohms	200 ohms
Maximum Input Sound Level		152 dB SPL, 1 kHz at 1% T.H.D.
Dynamic Range (typical)		127 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio ⁽¹⁾		69 dB, 1 kHz at 1 Pa*
Phantom Power Requirements		11-52V DC, 3.5 mA typical
Switches		Flat, roll-off; 10 dB pad
Weight	279 g	98 g
Dimensions	164.2 mm (6.46") long, 38.8 mm (1.53") diameter	126.9 mm long, 21.0 mm diameter
Output Connector	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type
Accessories Furnished	AT8470 Quiet-Flex™ stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch	AT8471 isolation clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; windscreen; soft protective pouch

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

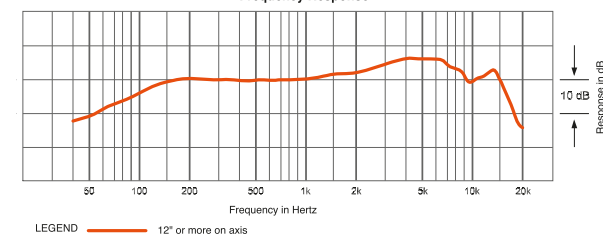


ATM650

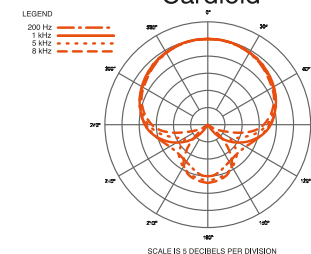
Hypercardioid



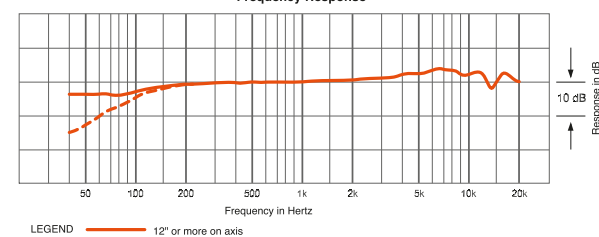
Frequency Response



Cardioid



Frequency Response



ATM450

artist series



artist series special purpose instrument (PC 305-MC 220)

ATM350

299,00 € Cardioid condenser clip-on microphone

- Low-profile design for minimum visibility
- Attaches to **brass, reeds, piano, double bass, snare, toms, and violin**
- UniMount® clip permits accurate positioning, provides shock resistance and protects element
- Unique violin mount permits unobtrusive placement of microphone between the instrument's bridge and tailpiece
- Crisp, clear, well-balanced response, even at high SPLs
- Cardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source
- Interchangeable elements available for hypercardioid and omnidirectional polar patterns



ATM350 interchangeable elements (PC 310-MC 230)

UE-H

92,00 € Hypercardioid interchangeable element

UE-O

92,00 € Omnidirectional interchangeable element

Specifications	ATM350	
Element	Fixed-charge back plate permanently polarized condenser	
Polar Pattern	Cardioid	
Frequency Response	40-20,000 Hz	
Low Frequency Roll-Off	80 Hz, 12 dB/octave	
Open Circuit Sensitivity	-49 dB (3.5 mV) re 1V at 1 Pa*	
Impedance	50 ohms	
Maximum Input Sound Level	149 dB SPL, 1 kHz at 1% T.H.D.	
Dynamic Range (typical)	122 dB, 1 kHz at Max SPL	
Signal-to-Noise Ratio	67 dB, 1 kHz at 1 Pa*	
Phantom Power Requirements	11-52V DC, 3.5 mA typical	
Switches	Flat, roll-off	
Weight (less cable and accessories)	Microphone: 14.5 g	Power Module: 81.2 g
Dimensions	Microphone: 37.8 mm long, 12.2 mm diameter	Power Module: 92.9 mm long, 18.9 mm diameter
Output Connector (power module)	Integral 3-pin XLRM-type	
Cable	4.0 m long (permanently attached to microphone), 3.2 mm diameter, 2-conductor shielded cable with TA3F-type connector	
Accessories Furnished	AT8542 power module; AT8418 UniMount® microphone instrument mount; AT8118 windscreen; AT8468 violin mount; soft protective pouch	

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

artist series headworn microphone (PC 305-MC 220)

ATM73a

219,00 € Cardioid condenser headworn microphone

- Ideal for drummers, keyboard players or anyone requiring hands-free operation
- Comfortable, unobtrusive headband design with side-of-mouth pickup
- Belt-mounted power module operates on battery or phantom power
- Cardioid polar pattern improves isolation of desired sound source
- Also available as ATM73cW – less power module; 55" (1.4 m) cable terminated with locking 4-pin connector for A-T UniPak™ wireless systems
- Also available as ATM73ac; less power module; cable unterminated

ATM73ac

119,00 € Same as ATM73a but unterminated for wireless and special applications
Includes AT8125 and AT8128 windscreens; no power module.

ATM75

179,00 € Cardioid condenser headworn microphone

- Professional-quality vocal pickup with hands-free operation
- Low-visibility headband provides stable, comfortable fit
- Pivot-mounted flexible mic boom descends from left or right side
- Belt-mounted power module operates on battery or phantom power
- Cardioid polar pattern improves isolation of desired sound source

ATM75c

79,00 € Same as ATM75 but unterminated for wireless and special applications
Includes AT8139L large windscreen and AT8439 cable clothing clip; no power module.

Specifications	ATM73a	ATM75
Element	Fixed-charge back plate permanently polarized condenser	Fixed-charge back plate permanently polarized condenser
Polar Pattern	Cardioid	Cardioid
Frequency Response	40-15,000 Hz	100-13,000 Hz
Low Frequency Roll-Off	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave
Open Circuit Sensitivity	Phantom: -55 dB (1.7 mV) re 1V at 1 Pa* Battery: -56 dB (1.5 mV) re 1V at 1 Pa*	Phantom: -51 dB (2.8 mV) re 1V at 1 Pa* Battery: -53 dB (2.2 mV) re 1V at 1 Pa*
Impedance	Phantom: 200 ohms Battery: 270 ohms	200 ohms 270 ohms
Max. Input Sound Level	Phantom: 146 dB SPL, 1 kHz at 1% T.H.D. Battery: 132 dB SPL, 1 kHz at 1% T.H.D.	132 dB SPL, 1 kHz at 1% T.H.D. 121 dB SPL, 1 kHz at 1% T.H.D.
Dynamic Range (typical)	Phantom: 111 dB, 1 kHz at Max SPL Battery: 97 dB, 1 kHz at Max SPL	96 dB, 1 kHz at Max SPL 85 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio¹	59 dB, 1 kHz at 1 Pa*	58 dB, 1 kHz at 1 Pa*
Phantom Power Requirements	11-52V DC, 2 mA typical	11-52V DC, 2 mA typical
Battery Type	1.5V AA/UM3	1.5V AA/UM3
Battery Current/Life	0.4 mA / 1200 hours typical (alkaline)	0.4 mA / 1200 hours typical (alkaline)
Switch	Off, on-flat, on-roll-off	Off, on-flat, on-roll-off
Weight	Microphone: 31 g Power Module: 139 g	Microphone: 60 g Power Module: 139 g
Dimensions	Headset: 165.0 mm nominal at widest point, 67.0 mm flexible boom Microphone: 10.0 mm diameter Power Module: 84.0 mm H x 63.0 mm W x 22.0 mm D	120.0 mm nominal at widest point, 80.5 mm flexible boom Microphone: 20.4 mm diameter 84.0 mm H x 63.0 mm W x 22.0 mm D
Output Connector	Power Module: Integral 3-pin XLRM-type	Integral 3-pin XLRM-type
Cable	1.4 m (4.6') long (permanently attached to microphone), 2.6 mm (0.10") diameter, 2-conductor shielded cable with TA3F-type connector	1.4 m (4.6') long (permanently attached to microphone), 2.8 mm (0.11") diameter, 2-conductor shielded cable with TA3F-type connector
Accessories Furnished	AT8531 power module; AT8128 windscreen; AT8125 windscreens; battery	AT8531 power module; AT8439 clothing clip; AT8139L large windscreen; AT8139S small windscreen; battery

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL



artist elite®

artist series

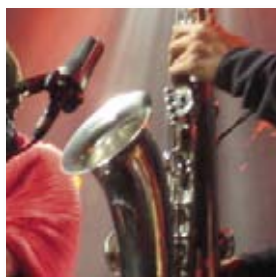
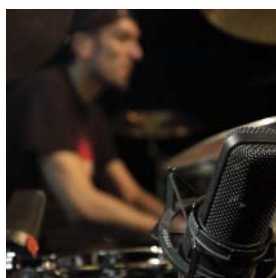
	AE5400 ⁽¹⁾	AE3300 ⁽¹⁾	AE6100 ⁽¹⁾	AE4100 ⁽¹⁾	AE2500	AE3000	AE5100	ATM710	ATM610	ATM410	ATM250DE	ATM250	ATM650	ATM450	ATM350 ⁽³⁾	ATM73a ⁽³⁾	ATM75 ⁽³⁾
VOCAL																	
Lead vocal	★	●	★	●			★	★	★	★				★		●	●
Choir (Classic & Church)	●	★	●	●			★	★	●	●				★		●	
Back vocals	●	★	●	●				★	★	★						●	●
Karaoke			●	●				★	●	●							
DRUMS																	
Overheads	●	●				★	★							★			
Hi-Hat						●	★	●	●	●			●	★			
Snare drum						●	●		●	●			★	★	●		
Toms						★	★		●	●	★	★	★	★	★		
Cymbal		●					★				★	★	★	★	●		
Kick Drum				★							★	★	●	★	●		
PERCUSSION																	
Timpania						★								★			
Conga & Bongo						★					●	●	★	★	★		
Ethnics drums						●					●	●	★	★	★		
Classic percussion						★		●	●	●				★			
Xylophone							★							★			
Minor percussion							★							★			
PIANO																	
Piano	●	●				●	●	●					●	★			
BRASS																	
Trumpet						●		●	●	●					★		
Tuba						●		●	●	●	●	●			★		
Trombone						●		●	●	●					★		
WOODWIND																	
Clarinet	●					●		●						★			
Flute & piccolo						●	●	●						★			
Saxophone	●					★		●				●		★	★		
Bassoon	●					●		●						★	★		
WIND INSTRUMENT																	
Organ	●	●	●			★			★	★				★			
Harmonica								★									
Accordion		●					●						●	★			
Bandoneon		●				★	●						●	★			
STRINGS																	
Acoustic guitar ⁽²⁾						●	●	●					●	★			
Banjo ⁽²⁾							●	●						★			
ORCHESTRAL STRINGS																	
Cello						★	●							★	★		
Violin						●	★							★	★		
Contrabass					●	★									●		
INSTRUMENT AMPLIFIER																	
Guitar cabinet	●	★			●	●	●	●	●	●	★	●	★				
Bass guitar cabinet	●				★						★	★	★				
Leslie speaker	●				●	★					★						

(1) Exists in wireless version (2) Use AT831, see page 58 (3) Exist for wireless transmitter, see page 111 to 113.

This application chart is a guide to selecting an Audio-Technica microphone for a specific application.

Feel free to experiment with different microphone options as we realise the importance of personal taste and the acoustic environment.

Our Recommendation ●
Best Choice ★





PRO35 cardioid condenser clip-on instrument microphone

multipurpose microphones

pro series

Hard working, dependable microphones to meet every sound reproduction and reinforcement challenge on every budget. State of the art electronics with a smooth and clear sound has helped the Pro Series earn a reputation for the highest sonic quality and most durable design in their class.

page 38 to 41

midnight blues

With its high output design, superior sound and all metal rugged construction, this totally redesigned series is the industry standard in affordable vocal and instrument microphones.

page 42 to 43

atr series

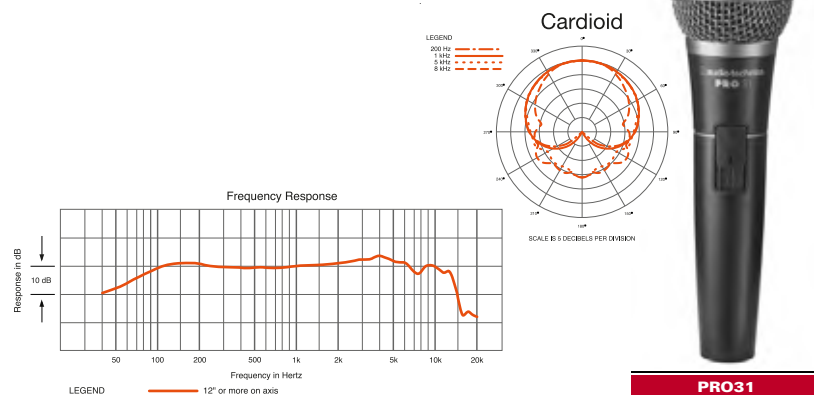
A line of professional microphones for use with standard consumer microphone inputs on computers, camcorders, mp3 recorders or mini-disks at home or the office for work and for play.

page 44 to 45

application guide

page 46

pro series microphones



pro series dynamic microphones (PC 320-MC 240)

DYNAMIC HANDHELD MICROPHONES

The Pro Series handheld dynamic microphones feature a Hi-ENERGY® neodymium magnet for improved output and transient response

PRO31

59,00 €

Cardioid dynamic microphone

- Designed for close-up vocal use
- Silent on-off operation switch
- Two-stage ball-type headcase reduces wind noise and "popping" during close use
- XLRM-XLRF cable furnished

PRO31QTR

49,00 €

Cardioid dynamic microphone

- PRO31 including an XLRF to 6,3 m jack cable

PRO41

59,00 €

Cardioid dynamic microphone

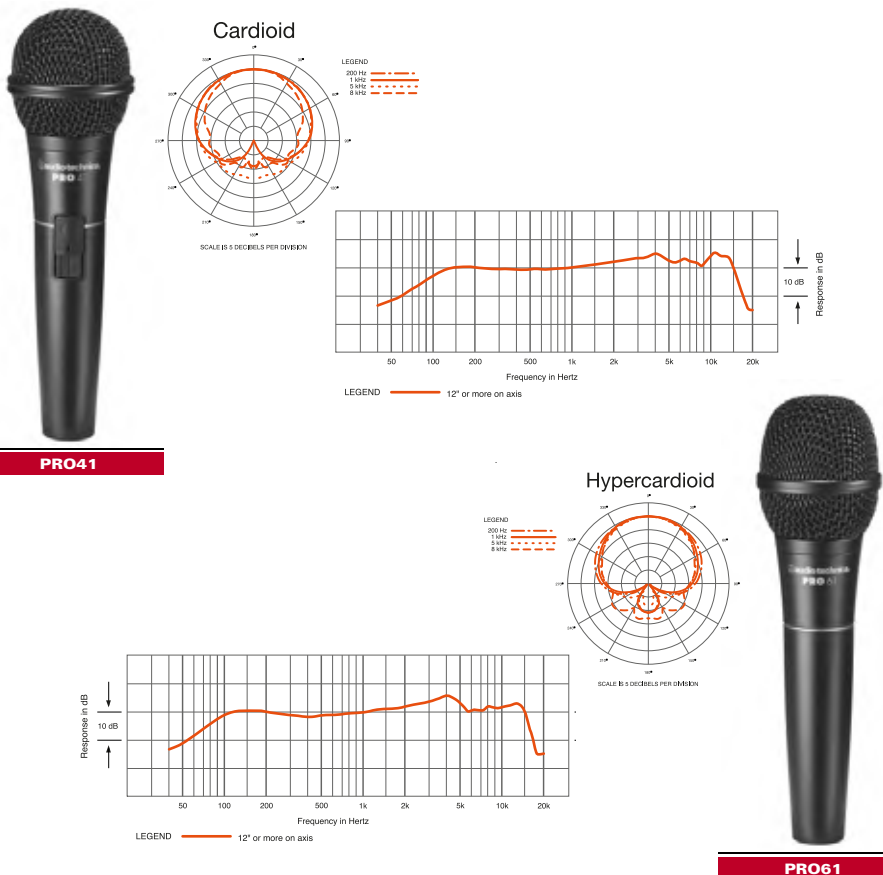
- Provides natural, full-range vocal reproduction
- Silent on-off operation switch
- Two-stage ball-type headcase reduces wind noise and "popping" during close use
- Superior internal shock mounting reduces handling noise
- XLRM-XLRF cable furnished

PRO61

79,00 €

Hypercardioid dynamic microphone

- Premier Pro Series vocal microphone delivers excellent gain before feedback and outstanding stage presence
- Two-stage ball-type headcase reduces wind noise and "popping" during close use
- XLRM-XLRF cable furnished



Specifications	PRO31 / PRO31QTR	PRO41	PRO61
Elements	Dynamic	Dynamic	Dynamic
Polar Pattern	Cardioid	Cardioid	Hypercardioid
Frequency Response	60-13,000 Hz	90-16,000 Hz	70-16,000 Hz
Open Circuit Sensitivity	-55 dB (1.7 mV), 1 V at 1 pa*	-55 dB (1.7 mV), 1 V at 1 pa*	-55 dB (1.7 mV), 1 V at 1 pa*
Impedance	600 Ω	300 Ω	300 Ω
Switch	MagnaLock™ on/off	MagnaLock™ on/off	—
Weight	312 g	304 g	335 g
Dimensions	Length: 185.0 mm Head Diameter: 53.1 mm	Length: 185.0 mm Head Diameter: 53.1 mm	Length: 192.0 mm Head Diameter: 52.6 mm
Cable	4.5 m XLRF-XLRM XLRF-1/4" (PRO31QTR)	4.5 m XLRF-XLRM	4.5 m XLRF-XLRM
Accessories Furnished	AT8470 Quiet-Flex® stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch	AT8470 Quiet-Flex® stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch	AT8470 Quiet-Flex® stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

pro series dynamic microphones (PC 320-MC 240)

DYNAMIC INSTRUMENT MICROPHONES

PRO25ax

149,00 € High-SPL hypercardioid dynamic instrument microphone

- Ideal for kick drum, percussion, brass, and other highly dynamic instruments
- Warm low-frequency response with excellent presence
- Superior off-axis rejection for maximum gain before feedback
- Versatile mounting options and effective dampening of mechanical noise thanks to included AT8471 isolation clamp

PRO63

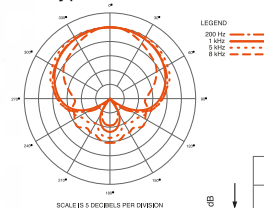
59,00 € Cardioid Hi-ENERGY® dynamic microphone

- Tailored response provides natural, full-range reproduction

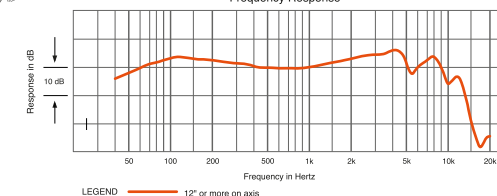


PRO25ax

Hypercardioid



Frequency Response

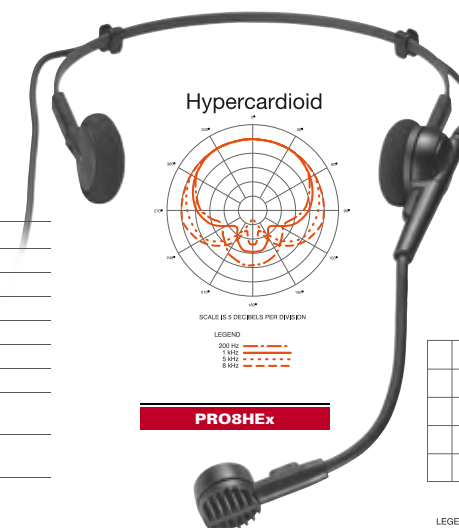


HEADWORN MICROPHONE

PRO8HEx

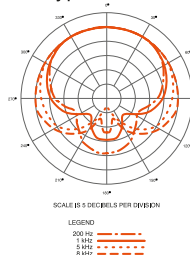
79,00 € Hypercardioid Hi-ENERGY® dynamic headworn microphone

- Low-visibility, lightweight headband and cushioned support pads provide stable, comfortable fit
- Pivot-mounted flexible mic boom descends from left or right side

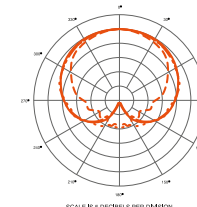


PRO8HEx

Hypercardioid



Cardioid

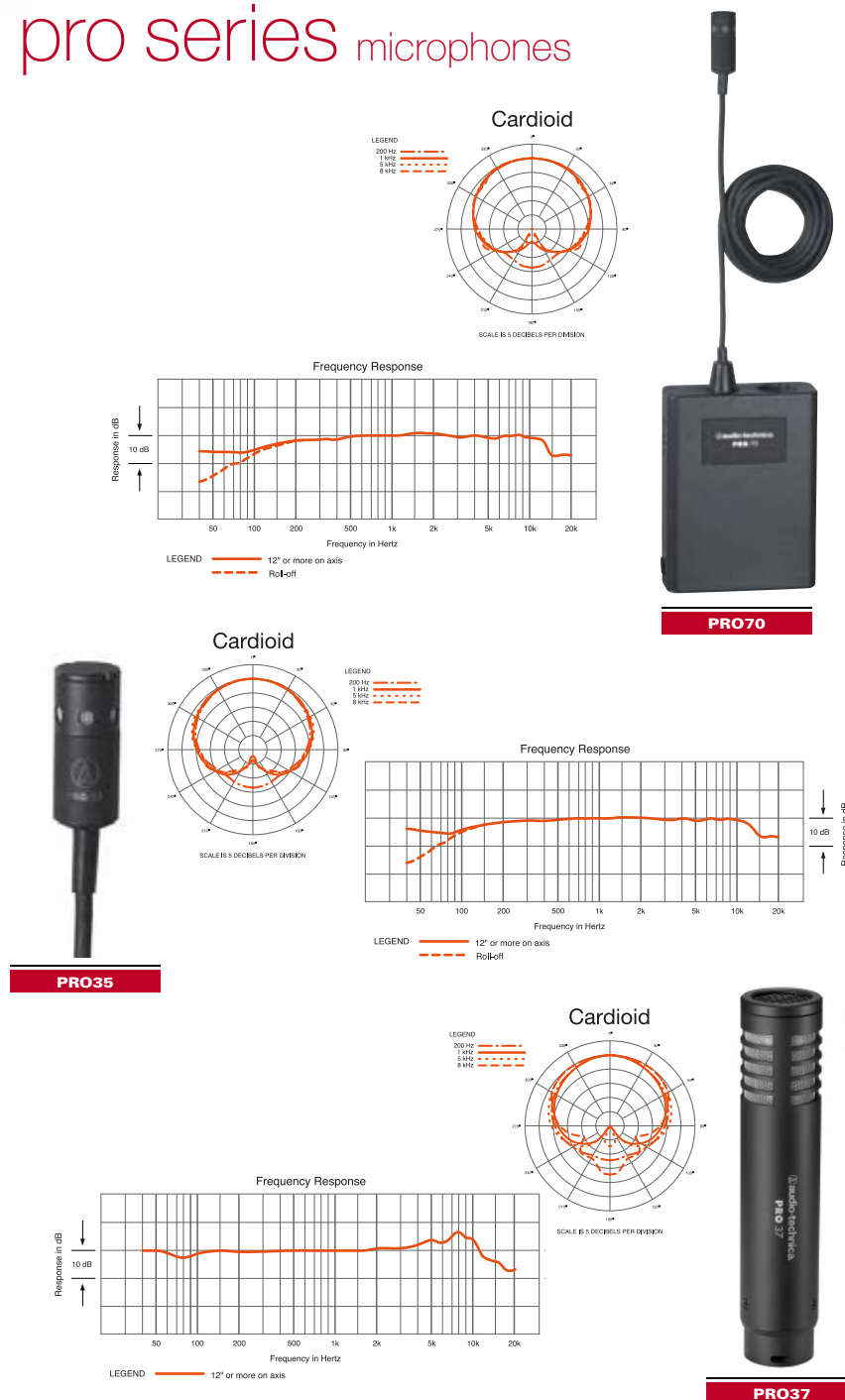


PRO63

Specifications	PRO25ax	PRO63	PRO8HEx
Elements	Dynamic	Dynamic	Dynamic
Polar Pattern	Hypercardioid	Cardioid	Hypercardioid
Frequency Response	30-12,000 Hz	70-16,000 Hz	200-18,000 Hz
Open Circuit Sensitivity	-54 dB (1.9 mV), re 1 V at 1 pa*	-55 dB (1.7 mV), re 1 V at 1 pa*	-55 dB (1.7 mV), 1 V at 1 pa*
Impedance	600 Ω	300 Ω	600 Ω
Weight	230 g	309 g	60 g
Dimensions	Length: 113.0 mm Head Diameter: 50.0 mm	Length: 182.1 mm Head Diameter: 41.4 mm	Length: 80.5 mm (flexible boom) Head Diameter: 20.4 mm
Cable	(no cable furnished)	4.5 m XLR-F-XLRM	2.2 m permanently attached XLRM-type connector
Accessories Furnished	AT8471 Quiet-Flex® stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch	AT8470 Quiet-Flex® stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch	AT8139L large windscreen; AT8139S small windscreen; AT8439 clothing clip

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

pro series microphones



pro series condenser microphones (PC-320-MC-240)

CONDENSER INSTRUMENT MICROPHONES

PRO70

129,00 €

Cardioid condenser lavalier / instrument microphone

- Provides articulate, full-sounding voice and instrument pickup
- Excels in pickup of acoustic guitar with included AT8444 guitar mount
- Switchable low-frequency roll-off
- Operates on battery or phantom power

PRO35

199,00 €

Cardioid condenser clip-on instrument microphone

- Ideal for sax, toms, brass and percussion
- Excels in high-SPL applications
- Perfect for active stage performances

PRO37

179,00 €

Small-diaphragm cardioid condenser microphone

- Ideal for acoustic guitar, overheads, piano and group vocals
- Excels in high-SPL applications



Specifications	PRO70	PRO35	PRO37
Elements	Fixed charge back plate permanently polarized condenser	Fixed charge back plate permanently polarized condenser	Fixed charge back plate permanently polarized condenser
Polar Pattern	Cardioid	Cardioid	Cardioid
Frequency Response	100-14,000 Hz	50-15,000 Hz	30-15,000 Hz
Low Frequency Roll-Off	80 Hz, 8 dB / octave	80 Hz, 12 dB / octave	
Open Circuit Sensitivity	Phantom: -45 dB (5.6 mV), re 1V at 1 Pa* Battery: -45 dB (5.6 mV), re 1V at 1 Pa*	-45 dB (5.6 mV), re 1V at 1 Pa*	-42 dB (7.9 mV), re 1V at 1 Pa*
Impedance	Phantom: 200 Ω – Battery: 200 Ω	250 Ω	200 Ω
Max. Input Sound Level	123 dB SPL, 1 kHz at 1% T.H.D.	145 dB SPL, 1 kHz at 1% T.H.D.	141 dB SPL, 1 kHz at 1% T.H.D.
Dynamic Range (typical)	96 dB, 1 kHz at max. SPL	115 dB, 1 kHz at max. SPL	112 dB, 1 kHz at max. SPL
Signal-to-Noise Ratio	67 dB, 1 kHz at 1 Pa*	64 dB, 1 kHz at 1 Pa*	65 dB, 1 kHz at 1 Pa*
Power Requirements	Phantom 11-52V DC or battery	Phantom 11-52V DC	Phantom 11-52V DC
Battery Type / Life	1.5 V AA / 1200 hours typical	Phantom only	Phantom only
Switch	Off, on-flat, on-roll-off	Flat, roll-off	
Weight	8 g / 134 g (power module)	8 g / 81 g (power module)	49 g
Microphone Dimensions	Length: 25.0 mm long, Body Diameter: 10.2 mm diameter	25mm long 10.2 mm diameter	99.0 mm long, 21.0 mm max. body diameter
Output Connector	3 pin XLRM (power module)	3 pin XLRM (power module)	Integral 3-pin XLRM-type
Cable	Integral 1.8 m, permanently attached between microphone and power module	1.8 m long (permanently attached to mic.), 2.6 mm Ø, 2-conductor, shielded cable with TA3F-type connector	none
Accessories Furnished	AT8411 clothing clip; AT8444 instrument adapter; power module; AT8116 windscreen; battery; soft protective pouch	AT8418 UniMount® microphone instrument mount; AT8538 power module; soft protective pouch	AT8405a stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; AT8159 windscreen; soft protective pouch

*1 Pascal= 10 dynes/cm² = 10 microbars = 94 dB SPL

pro series condenser microphones (PC 320-MC 240)

STEREO CONDENSER MICROPHONES

PRO24 99,00 €

Stereo condenser microphone

- Designed for a wide range of stereo applications
- Compact, lightweight design
- Pair of cardioid condenser elements in X/Y configuration provides the spatial impact and realism of a live sound field
- Battery-free operation when used with recording devices that provide "plug-in power" at the mic input

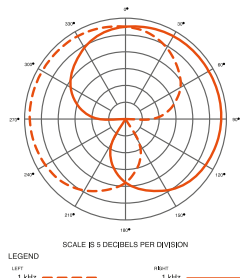
PRO24-CMF

119,00 €

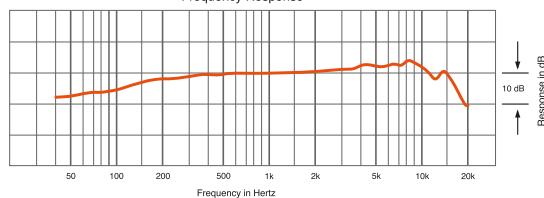
Stereo condenser microphone

- Stereo condenser microphone for use with camcorders
- Pair of cardioid elements in X-Y configuration
- On/off switch; permanently attached 15 cm - 30 cm (6"-12") coiled cable with right-angle molded 3.5 mm stereo plug at output end
- Powered by included battery or plug-in power provided by some camcorders
- Includes: windscreen, battery, video camera shoe mount, soft protective pouch, fur socks AT8123

X/Y stereo



Frequency Response



Specifications	PRO24	PRO24-CMF
Elements	Fixed charge back plate permanently polarized condenser	Fixed charge back plate permanently polarized
Polar Pattern	X/Y stereo	X/Y stereo
Frequency Response	100-17,000 Hz	100-17,000 Hz
Open Circuit Sensitivity	-50 dB (3.1 mV), re 1V at 1 Pa*	-50 dB (3.1 mV), re 1V at 1 Pa*
Impedance	600 Ω	600 Ω
Max. Input Sound Level	119 dB SPL, 1 kHz at 1% T.H.D.	119 dB SPL, 1 kHz at 1% T.H.D.
Dynamic Range (typical)	82 dB, 1 kHz at max. SPL	82 dB, 1 kHz at max. SPL
Signal-to-Noise Ratio	57 dB, 1 kHz at 1 Pa*	57 dB, 1 kHz at 1 Pa*
Power Requirements	Plug in power or battery	Plug in power or battery
Battery Type / Life	1.5 V LR44 / 200 hours typical	1.5 V LR44 / 200 hours typical
Switch	On-off	On-off
Weight	111 g	111 g
Microphone Dimensions	116.5 mm long, 21.0 mm max. body diameter	116.5 mm long, 21.0 mm max. body diameter
Output Connector	3.5 mm stereo mini-plug	3.5 mm stereo mini-plug
Cable	1.8 m, permanently attached with 3.5 mm stereo plug	152.4 mm - 304.8 mm permanently attached coiled cable with right angle molded 3.5 mm stereo plug
Accessories Furnished	AT8405a stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8" - 16 threaded adapter; windscreen; soft protective pouch - LR44 battery	AT8472 Video-camera shoe mount; LR44 battery; windscreen; soft protective pouch AT8123 fur socks



pro series microphones



midnight blues



midnight blues® microphones (PC 323-MC 220)

The all-metal construction and velvety finish gives a secure, comfortable grip. This ultra soft touch surface minimizes mechanical noise. All the switches on the dynamic models are noise less sealed magnetic reed design and contoured to fit the sleek profile. High SPL with low distortion clarifies the intensity of vocals and instruments with even subtle nuances clean and precise.

DYNAMIC MICROPHONES

MB 1k

39,00 €

Dynamic vocal microphone with high-output

- Hi-ENERGY® dynamic neodymium element for improved output and transient response

MB 2k

44,00 €

Dynamic instrument microphone

- For amplified and acoustic instruments at an attractive price
- Tailored frequency response for optimal instrument reproduction
- Hi-ENERGY® dynamic neodymium element for improved output and transient response

MB 3k

49,00 €

Dynamic vocal microphone with extended response

- Extended frequency response for optimal vocal reproduction
- Hi-ENERGY® dynamic neodymium element for improved output and transient response
- Antishock suspension reducing handling noise

CARDIOID CONDENSER MICROPHONE

MB 4k

99,00 €

Cardioid condenser microphone

- A quality studio microphone at a quality price
- Electret technology for vocal and instrument studio applications
- Extended frequency response
- Antishock suspension reducing handling noise
- Phantom power 11-52V DC 2 mA typical or 1.5 V AA
- Includes AT8405a stand clamp

Specifications	MB1k	MB2k	MB3k	MB4k
Elements	Neodymium Dynamic	Neodymium Dynamic	Neodymium Dynamic	Fixed-charge back plate permanently polarized condenser
Polar Pattern	Cardioid	Hypercardioid	Hypercardioid	Cardioid
Frequency Response	80-12,000 Hz	60-14,000 Hz	60-14,000 Hz	80-20,000 Hz
Open Circuit Sensitivity re 1V at 1 Pa*	-53 dB (2.2 mV)	-54 dB (1.9 mV)	-54 dB (1.9 mV)	Phantom: -46 dB (5.0 mV) Battery: -48 dB (3.9 mV)
Impedance	600 Ω	600 Ω	600 Ω	Phantom: 200 Ω - Battery: 250 Ω
Switch	MagnaLock™ ON/OFF	MagnaLock™ ON/OFF	MagnaLock™ ON/OFF	ON/OFF
Max. Input Sound Level	—	—	—	Phantom: 137 dB SPL Battery: 125 dB SPL, 1 kHz at 1% T.H.D.
Signal-to-Noise-Ratio	—	—	—	70 dB, 1 kHz at 1 Pa*
Dynamic Range (typical)	—	—	—	Phantom: 113 dB - Battery: 101 dB**
Phantom Power Requirements	—	—	—	11-52 DC, 2mA typical
Battery Type / Current / Life	—	—	—	1.5V AA/UM / 0,4 mA / 1200 h typical
Weight (less accessories)	337 grams	337 grams	343 grams	182 grams
Dimensions	Length: 184.7 mm Head diameter: 55.6 mm	183.6 mm 41.4 mm	192 mm 53.8 mm	205.7 mm 41.7 mm
Output Connector (integral)	3-pin gold-plated XLRM-type	3-pin gold-plated XLRM-type	3-pin gold-plated XLRM-type	3-pin gold-plated XLRM-type
Accessories Furnished	AT8470 Quiet-Flex™ stand clamp; AT8422 adapter	AT8470 Quiet-Flex™ stand clamp; soft protective pouch; AT8422 adapter;	AT8470 Quiet-Flex™ stand clamp; soft protective pouch; AT8422 adapter;	AT8405a stand clamp, battery; soft protective pouch; AT8422 adapter;

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

MB Packs™ drum pack (PC 324-MC 220)

MB/Dk5

199,00 € Midnight Blues 5 microphones drum pack

The **MB/Dk5** Drum Pack includes a core selection of five microphones specifically engineered for drum applications. The four included MB5k snare/tom microphones and one MB6k kick microphone feature low-profile design for minimum visibility and versatile placement options around the drum kit. Also included in the package are four **AT8665** drum-rim microphone mounts and a durable carrying case.

MB/Dk7

399,00 € Midnight Blues 7 microphones drum pack

Studio-quality performance.

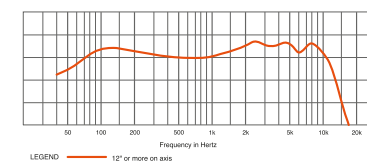
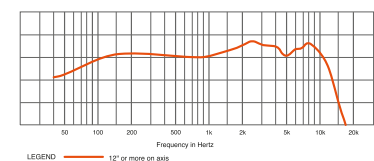
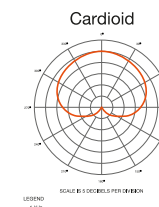
The comprehensive **MB/Dk7** Drum Pack expands on the MB/Dk5 Drum Pack with the addition of two MB4k cardioid condenser microphones ideal for drum overhead miking.



MB/Dk7



MB/Dk5



Specifications	MB5k	MB6k
Elements	Dynamic	Dynamic
Polar Pattern	Cardioid	Cardioid
Frequency Response	100-12,000 Hz	60-12,000 Hz
Open Circuit Sensitivity	-58 dB (1.2 mV), re 1V at 1 Pa*	-59 dB (1.1 mV), re 1V at 1 Pa*
Impedance	500 Ω	500 Ω
Weight	324 grams	317 grams
Dimensions	Length: 113.2 mm Head diameter: 41.5 mm	116.5 mm 53.5 mm
Output connector	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type

*1 Pascal= 10 dynes/cm² = 10 microbars = 94 dB SPL

atr series



ATR6250

atr series microphones (PC 312-MC 240)

ATR6250

49,00 € Stereo condenser video/recording microphone

Capture the realism of live sound with two mics in one. The **ATR6250** provides extremely affordable, high-quality stereo pickup in a single microphone. Its compact design is ideal for use with video cameras and portable audio recorders. Provided with a range of professional accessories, this price/performance leader is ruggedly built to endure the realities of day-to-day use.

- High-quality stereo pickup in a single mic
- Plugs into your video camera or audio recorder
- Includes short camera cable & long recording cable
- Generously equipped with accessories



ATR6550

ATR6550

79,00 € Condenser shotgun microphone

Crisp & intelligible pickup—far away or up close. In its “Tele” range setting, this cardioid condenser is engineered to pick up dialogue and sound effects at a distance, while bypassing ambient noise such as traffic, air-handling systems, room reverberation and mechanically coupled vibrations. Designed especially for use with video cameras.

- 3.5 mm connector plugs into your video camera
- Two range settings: “Normal” for close & medium-distance; “Tele” for long-distance
- Includes camera-mount, stand clamp, foam windscreen, battery, 1/4” adapter

Specifications	ATR6250	ATR6550
Elements	Stereo condenser	Condenser
Polar Pattern	Dual cardioid	Normal: Cardioid Tele: Supercardioid
Frequency Response	70-18,000 Hz	70-18,000 Hz
Open Circuit Sensitivity	–50 dB	Normal: –56 dB Tele: –45 dB
Impedance	600 Ω	Normal: 1,000 Ω Tele: 2,200 Ω
Weight	79 g without cable	113 g
Output Connector	Screw-in 3.5 mm stereo (female)	–
Cables	Camera Cable: 0.2 m long, 3.5 mm (1/8”) stereo to 3.5 mm (1/8”) stereo Recording Cable: 3 m long, 3.5 mm (1/8”) stereo to two 3.5 mm (1/8”) mono plugs	1 m long, permanently attached cable with 3.5 mm (1/8”) stereo
Accessories Furnished	Professional camera mount; interchangeable mic-stand base; foam windscreen; two 3.5 mm (1/8”) to 6.3 mm (1/4”) mono adapters; AA battery	Camera mount; microphone stand clamp; foam windscreen; 6.3 mm (1/4”) adapter plug; AA battery

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

ATR3350

29,00 € Omnidirectional condenser lavalier microphone

Audio-Technica's newscaster-style omnidirectional **ATR3350** lavalier is engineered for intelligible, accurate voice reproduction. This high-quality condenser is ideal for video use, and is a favorite choice for aerobics/dance/sports instructors. Its low-profile design assures minimum visibility.

- Newscaster-style miniature mic is perfect for video use
- Ideal for aerobics/dance/sports instructors
- Integrated 6 m cable with 3.5 mm mini-plug for use with most cameras
- Omni pickup pattern offers full coverage
- Includes tie clip, battery, foam windscreen, and 1/4" adapter

**ATR3350****ATR4697**

29,00 € Omnidirectional condenser boundary microphone

Ideal for meetings & teleconferencing, the **ATR4697** is a condenser boundary microphone with an omnidirectional polar pattern. It is useful in surface-mounted applications, for meetings, teleconferencing and desktop computer use. The microphone's low-profile design assures minimum visibility.

- Perfect for teleconferencing, meetings & desktop computer use
- Omni pickup pattern offers full coverage
- Rugged construction for long-lasting performance
- On/off switch on bottom of microphone
- Permanently attached 1.5 m cable (3.5 mm mini-plug)

**ATR4697**

Specifications	ATR3350	ATR4697
Elements	Condenser	Condenser
Polar Pattern	Omnidirectional	Omnidirectional
Frequency Response	50-18,000 Hz	50-15,000 Hz
Open Circuit Sensitivity	-54 dB	-46 dB
Impedance	1,000 Ω	1,000 Ω
Battery Type	LR 44	LR 44
Weight	6 g	48 g
Cable	6 m terminated with 3.5 mm (1/8") mini-plug	1.5 m terminated with 3.5 mm (1/8") mini-plug
Accessories Furnished	Tie clip; battery; foam windscreen; 6.3 mm (1/4") adapter	6.3 mm (1/4") adapter plug

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

multipurpose microphones application guide

	pro series										midnight blues						atr series				
	PRO31	PRO41	PRO61	PRO8HEX ⁽¹⁾	PRO25ax	PRO63	PRO70	PRO35 ⁽¹⁾	PRO37	PRO24	MB1k	MB2k	MB3k	MB4k	MB5k	MB6k	ATR6250	ATR6550	ATR3350	ATR4697	AT2022
VOCAL																					
Lead Vocal	●	●	●	●					●		●	●	●	●							
Choir (classic/church)									●					●							
Back vocal		●	●			●							●								
Aerobics				●															●		
Karaoke	●	●	●								●	●	●								
DRUMS																					
Overheads									●					●							
Hi-Hat									●					●							
Snare drum						●		●							●	●					
Toms					●			●							●						
Cymbal									●					●		●					
Kick Drum					●											●					
PERCUSSION																					
Congas/Bongo					●			●						●							
Ethnic drums					●			●						●							
Classic percussion					●			●	●					●							
Xylophone									●					●							
Minor percussion									●					●							
PIANO																					
Piano									●			●		●							
BRASS																					
Trumpet								●													
Tuba					●			●													
Trombone								●													
WOODWIND																					
Clarinet & Oboe									●					●							
Flute & piccolo									●					●							
Saxophone								●													
Bassoon									●												
WIND INSTRUMENT																					
Organ									●			●		●							
Harmonica		●				●			●												
Accordion								●	●					●							
STRINGS																					
Acoustic guitar							●	●	●					●							
Banjo							●		●					●							
ORCHESTRAL STRINGS																					
Cello							●	●				●									
Violin								●	●			●									
Contrabass					●			●				●									
INSTRUMENT AMPLIFIER																					
Guitar amp						●			●			●									
Bass guitar amp					●							●									
AUDIO-VISUAL																					
Camcorder				●			●			●							●	●		●	●
Presenter/Speaker		●					●			●							●		●		●
Conference recording										●							●		●	●	●
Ambient recording										●				●			●		●	●	●
Internet-chat																			●	●	
PC video editing																	●				●

(1) Exists in wireless version This application chart is a guide to selecting an Audio-Technica microphone for a specific application. Feel free to experiment with different microphone options as we realise the importance of personal taste and the acoustic environment.





BPHS-1 broadcast stereo headset

broadcast & production microphones

shotgun microphones

Broadcast & Production shotgun microphones offer crisp, clear, intelligible speech reproduction for critical long distance pickup in broadcast, film and TV production. Engineered to pick up dialogue and sound effects at a distance, while bypassing ambient noise such as traffic, air-handling systems, room reverberation and mechanically coupled vibrations. With a smooth, natural sounding audio quality, these highly directional microphones are also ideal for wildlife recording and theatre sound reinforcement applications.

page 50 to 53

subminiature condenser microphones

Designed to be worn as a lavalier clip-on, hidden in clothes or in the hairline, the discreet cardioid AT898, omnidirectional AT899 and omnidirectional BP896 are engineered for intelligible, accurate voice reproduction with an unobtrusive appearance for use in theatres, broadcast studios and houses of worship.

page 54 to 55

BP892 MicroSet[®] microphones

MicroSet has a sound quality which is open and natural. Its rugged construction is designed to meet the challenges of day to day use in theatre, broadcast production and houses of worship. Available in black and beige for use with all the major wireless transmitter brands, the MicroSet delivers a industry standard for secure, discreet, natural sounding headset.

page 56

BP893 MicroEarset[®] microphones

With its unobtrusive one-inch boom, Audio-Technica's BP893 MicroEarset offers inconspicuous placement along with clear, natural vocal pickup. Also ideal for violin pickup.

page 57

clip-on lavalier microphones

With Audio-Technica's legendary innovations in electro-acoustic design, Audio-Technica's Broadcast & Production Microphones are ideal for applications where quality sound and unobtrusive design are imperative: TV / film / radio broadcast, AV presentations, houses of worship venues, and theatre sound reinforcement.

page 58

stereo microphones

The Broadcast & Production stereo microphones for field recording and ambient pickup are designed for high quality sound reinforcement and recording applications indoors or out in the field. These robust microphones deliver clear and intelligible audio reproduction.

page 59

BP4001 and BP4002 handheld dynamic microphone

The BP4001 (cardioid) and BP4002 (omnidirectional) are Audio-Technica's highest quality interview microphones, ideal for all aspects of broadcast and remote newsgathering.

page 60

handheld and gooseneck microphones

The handheld AT8004 is an ideal dynamic omnidirectional interviewer microphone for high pressure environments that have to be right first time. The AT808G is designed for use as a quality talk-back microphone in entertainment, commercial and industrial applications. The AT8010, AT8031 and AT8033 condenser microphones are industry standard in studio and broadcast applications.

page 61 to 62

broadcast stereo headset

Created especially for on-air news & sports broadcasting, announcing & interviews, this rugged stereo headset offers natural, highly intelligible and focused vocal reproduction, closed-back circumaural (around-the-ear) ear cups to seal out background noise, and a high-output dynamic microphone mounted on a flexible gooseneck boom.

page 63

windcreens

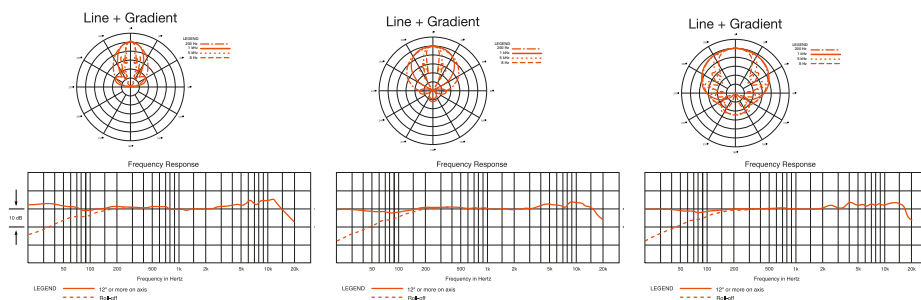
A new range of professional windcreens designed for sound field pick up, different size adapted for all our range of broadcast microphones – shotguns, handhelds, stereo and lavalier microphones. Many sizes of pull-on fur socks from small windsocks for sub-miniature microphones to large zeppelin housings and Soft-Zep. Most models are designed to fit over a foam, plastic or metal microphone windshields.

page 64 to 67

application guide

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broadcast & production



Specifications	BP4071L / BP4071	BP4073
Element	Externally polarized (DC bias) condenser	Externally polarized (DC bias) condenser
Polar Pattern	Line + gradient	Line + gradient
Frequency Response	20-18,000 Hz / 20-20,000 Hz	20-20,000 Hz
Low Frequency Roll-Off	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave
Open Circuit Sensitivity	-29 dB (35.5 mV), re 1V at 1 Pa*	-29 dB (35.5 mV), re 1V at 1 Pa*
Impedance	50 Ω	50 Ω
Maximum Input Sound Level	141 dB SPL, 1 kHz at 1% T.H.D. 151 dB SPL, with 10 dB pad (nominal)	141 dB SPL, 1 kHz at 1% T.H.D. 151 dB SPL, with 10 dB pad (nominal)
Noise (A-weighted)	13 dB SPL	13 dB SPL
Dynamic Range (typical)	128 dB, 1 kHz at Max. SPL	128 dB, 1 kHz at Max. SPL
Signal-to-Noise Ratio	81 dB, 1 kHz at 1 Pa	81 dB, 1 kHz at 1 Pa
Phantom Power Requirement	48V DC, 4.8 mA typical	48V DC, 4.6 mA typical
Switches	Flat, roll-off; 10 dB pad (nominal)	Flat, roll-off; 10 dB pad (nominal)
Weight	175 g / 136 g	99 g
Dimensions	L 539 mm; 21 mm maxi body Ø L 395 mm; 21 mm maxi body Ø	L 233 mm; 21 mm maxi body Ø
Accessories Furnished	AT8405a stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; AT8145 windscreens; AT8147 windscreen (L); protective carrying case; two O-Rings	AT8405a stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; AT8144 windscreen; protective carrying case; two O-Rings

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

line + gradient condenser microphones (PC 316-MC 250)

Based on extensive in-the-field research and user input, Audio-Technica's new **BP4071L**, **BP4071** and **BP4073** microphones are ideal for creating high-quality audio for documentaries and feature films, wildlife recording and theatre sound reinforcement. The highly directional mics offer low self-noise and extremely focused pickup. They are also fully RoHS-compliant – free from all substances specified in the EU directive on the reduction of hazardous substances (RoHS).

- Designed for critical long-distance pickup in broadcasting, film/ TV production and theatre sound reinforcement applications
- Transformerless design for improved pickup of transients
- Direct-coupled, balanced output ensures a clean signal even in high-output conditions
- Rugged housing made of lightweight structural-grade aluminum alloy

BP4071L

1060,00 € Line + gradient condenser microphone, 539 mm long

- Overall length of 539 mm with an extremely narrow, highly directional pickup pattern
- Ideal for use in broadcasting, film/TV production, and theatre sound reinforcement
- Direct-coupled, balanced output ensures a clean signal even in high-output conditions
- Transformerless design for improved pickup of transients
- Rugged housing made of lightweight structural-grade aluminum alloy
- Interference tube design for narrow acceptance angle
- Switchable 80 Hz high-pass filter & 10 dB pad

BP4071L-Z (BP4071L + BPZ-XL)

1 248,00 € Same shotgun microphone as above with Soft-Zep system BPZ-XL (Length 490 mm) including windscreens and pistol grip

BP4071L-W (BP4071L + BPW-470)

1 134,00 € Same shotgun microphone as above with Windshield BPW-470 (Length 470 mm)

BP4071L-F (BP4071L + BPF-470)

1 098,00 € Same shotgun microphone as above with Fur Socks BPF-470 (Length 470 mm)

BP4071

940,00 € Line + gradient condenser microphone, 395 mm long

- Designed for use in broadcasting, film/TV production, and theatre sound reinforcement applications
- Direct-coupled, balanced output ensures a clean signal even in high-output conditions
- Innovative acoustic design provides same directivity as mics up to 50% longer
- Rugged housing made of lightweight structural-grade aluminum alloy
- Transformerless design for improved pickup of transients
- Switchable 80 Hz high-pass filter & 10 dB pad

BP4071-Z (BP4071 + BPZ-L)

1 128,00 € Same shotgun microphone as above with Soft-Zep system BPZ-L (Length 360 mm) including windscreens and pistol grip

BP4071-W (BP4071 + BPW-365)

1 014,00 € Same shotgun microphone as above with Windshield BPW-365 (Length 365mm)

BP4071-F (BP4071 + BPF-340)

978,00 € Same shotgun microphone as above with Fur Socks BPF-340 (Length 340 mm)

BP4073

820,00 € Line + gradient condenser microphone, 233 mm long

- Designed for use in broadcasting, film/TV production and theatre sound reinforcement applications
- Direct-coupled, balanced output ensures a clean signal even in high-output conditions
- Innovative acoustic design provides same directivity as mics up to 50% longer
- Switchable 80 Hz hi-pass filter & 10 dB pad
- Rugged housing made of lightweight structural-grade aluminum alloy

BP4073-Z (BP4073 + BPZ-M)

1008,00 € Same shotgun microphone as above with Soft-Zep system BPZ-L (Length 310 mm) including windscreens and pistol grip

BP4073-W (BP4073 + BPW-180)

894,00 € Same shotgun microphone as above with Windshield BPW-365 (Length 365mm)

BP4073-F (BP4073 + BPF-175)

856,00 € Same shotgun microphone as above with Fur Socks BPF-175 (Length 175 mm)

shotgun microphones (PC 316-MC 250)

STEREO SHOTGUN MICROPHONES

Based on models originally developed for the Sydney Olympics in 2000, the new **BP4027** and **BP4029** Stereo Shotgun models are engineered for high-end broadcast and production use. Both microphones feature independent line-cardioid and figure-of-eight elements configured in an MS (Mid-Side) arrangement with switch-selectable internal matrixing.

These innovative microphones allow sound recordists the choice of selecting a left-right stereo output (wide or narrow) via the microphone's internal matrixing system or choosing discreet Mid-Side signals for later manipulation, a flexibility not available from any other manufacturer.

A switchable low frequency roll-off filter helps minimize the pickup of unwanted low frequency noise.

These phantom-powered models feature a rugged lightweight design and sleek black color scheme, perfect for on-camera use.

BP4027

980,00 € 380 mm phantom only stereo shotgun microphone

BP4027-Z (BP4027 + BPZ-L)

1 168,00 € Same shotgun microphone as above with Soft-Zep system BPZ-L (Length 360 mm) including windscreens and pistol grip

BP4027-W (BP4027 + BPW-330)

1 054,00 € Same shotgun microphone as above with Windshield BPW-330 (Length 330 mm)

BP4027-F (BP4027 + BPF-340)

1 018,00 € Same shotgun microphone as above with Fur Socks BPF-340 (Length 340 mm)

BP4029

860,00 € 236 mm phantom only stereo shotgun microphone

BP4029-Z (BP4029 + BPZ-M)

1 048,00 € Same shotgun microphone as above with Soft-Zep system BPZ-M including windscreens and pistol grip (Length 310 mm)

BP4029-W (BP4029 + BPW-180)

934,00 € Same shotgun microphone as above with Windshield BPW-180 (Length 180 mm)

BP4029-F (BP4029 + BPF-175)

896,00 € Same shotgun microphone as above with Fur Socks BPF-175 (Length 175 mm)



BP4027



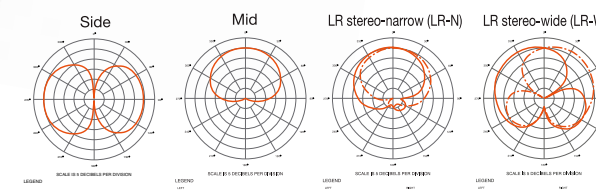
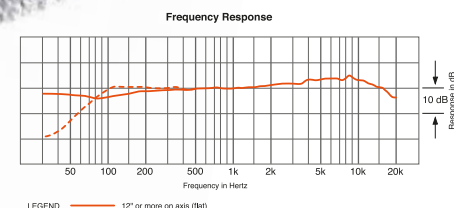
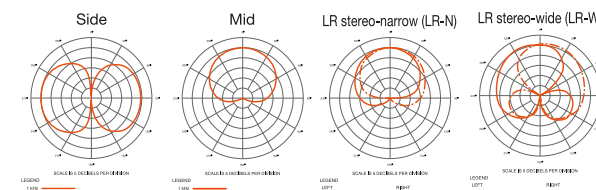
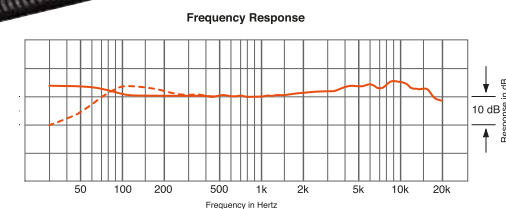
BP4029 + BPW180

Windscreens information
(see page 64 to 67)

Specifications	BP4027			BP4029		
	Mid	Side	LR stereo	Mid	Side	LR stereo
Elements	Fixed-charge back plate permanently polarized condenser			Fixed-charge back plate permanently polarized condenser		
Polar patterns	Line-Cardioid and figure-of-eight			Line-Cardioid and figure-of-eight		
Frequency Response	30-20,000 Hz			40-20,000 Hz		
Low frequency roll-off	80 Hz, 12 dB/octave			80 Hz, 12 dB/octave		
Open circuit sensitivity (re 1V at 1 Pa*)	-30 dB (31,6mV)	-34 dB (19,9 mV)	-36 dB (15,8 mV)	-30 dB (31,6mV)	-34 dB (19,9 mV)	-36 dB (15,8 mV)
Impedance	200 Ohms			200 Ohms		
Max. Input Sound Level (1 kHz at 1% T.H.D.)	123 dB SPL	127 dB SPL	126 dB SPL	123 dB SPL	127 dB SPL	126 dB SPL
Signal-to-Noise Ratio (1 kHz at 1 Pa)	72 dB SPL	68 dB SPL	70 dB SPL	72 dB SPL	68 dB SPL	70 dB SPL
Dynamic Range (Typical, 1 kHz at 1% T.H.D.)	101 dB	101 dB	102 dB	101 dB	101 dB	102 dB
Phantom power requirements	11-52V DC, 4 mA typical at 48V Each channel			11-52V DC, 4 mA typical at 48V Each channel		
Switches	Mid Side, LR-Wide, LR-Narrow; flat, roll-off			Mid Side, LR-Wide, LR-Narrow; flat, roll-off		
Weight (less cable and accessories)	142 g			103 g		
Dimensions	380 mm long, 21 mm diameter			236 mm long, 21 mm diameter		
Output Connector	Integral XLR5M-Type			Integral XLR5M-Type		
Cable	Dual 0.61m shielded two-conductor, terminated in two XLR3M-type connectors			Dual 0.61m shielded two-conductor, terminated in two XLR3M-type connectors		
Accessories Furnished	AT8405a stand clamp for 5/8"-27 threaded stands; AT8135 foam windscreen, 5/8"-27 to 3/8"-16 threaded adapter; protective carrying case; two O-Rings			AT8405a stand clamp for 5/8"-27 threaded stands; AT8134 foam windscreen, 5/8"-27 to 3/8"-16 threaded adapter; protective carrying case; two O-Rings		

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

broadcast & production



broadcast & production



Windscreens informations
(see page 64 to 67)



short shotgun microphone (PC 316-MC 250)

SHORT SHOTGUN SIZED TO STAY OUT OF THE FRAME

AT897

299,00 €

279 mm long. Short shotgun microphone

Audio-Technica's **AT897** is designed for field audio acquisition in film/TV/video production, professional recording, and broadcast applications. It mounts conveniently on a DV camcorder without adding noticeable heft, and remains out of the frame even with compact digital cameras.

This battery/phantom-powered short shotgun offers outstanding long-distance audio pickup due to the narrow acceptance angle of the line + gradient design. It also features smooth, natural-sounding on-axis audio quality and excellent off-axis rejection of sound arriving from the sides and rear of mic.

- Outstanding long-distance audio pickup due to narrow acceptance angle of line + gradient design
- Smooth, natural-sounding on-axis audio quality
- Excellent off-axis rejection of sound arriving from the sides and rear of mic
- Two versatile powering options: phantom and internal AA battery
- Switchable low-frequency roll-off improved dialogue capture and reduced pickup of unwanted sounds
- Lightweight, rugged construction adds negligible weight to camcorders

AT897-Z (AT897 + BPZ-M)

487,00 €

Same shotgun microphone as above with Soft-Zep system BPZ-M (Length 310 mm) including windscreens and pistol grip

AT897-W (AT897 + BPW-180)

373,00 €

Same shotgun microphone as above with Windshield BPW-180 (Length 180 mm)

AT897-F (AT897 + BPF-175)

335,00 €

Same shotgun microphone as above with Fur Socks BPF-175 (Length 175 mm)

LINE + GRADIENT CONDENSER SHORT MICROPHONE

A small, discrete phantom powered shotgun, for use in field production where a compact, lighter camera mounted line microphone is required. The **AT875R** is ideal for corporate, event and wild life videographers or field sound engineers.

AT875R

164,00 €

178 mm line + gradient condenser microphone

AT875R-Z (AT875R + BPZ-M)

352,00 €

Same shotgun microphone as above with Soft-Zep system BPZ-M (Length 310 mm) including windscreens and pistol grip

AT875R-W (AT875R + BPW-120)

238,00 €

Same shotgun microphone as above with Windshield BPW-120 (Length 120 mm)

AT875R-F (AT875R + BPF-120)

200,00 €

Same shotgun microphone as above with Fur Socks BPF-120 (Length 120 mm)

Specifications	AT897	AT875R
Element	Fixed-charge back plate permanently polarized condenser	Fixed-charge back plate permanently polarized condenser
Polar Pattern	Line + gradient	Line + gradient
Frequency Response	20-20,000 Hz	90Hz-20,000Hz
Low Frequency Roll-Off	80 Hz, 12 dB/octave	
Open Circuit Sensitivity	Phantom -40 dB (10.0 mV), re 1V at 1 Pa* Battery -41 dB (8.9 mV), re 1V at 1 Pa*	-30 dB (31.6 mV), re 1V at 1 Pa*
Impedance	Phantom 200 Ω Battery 300 Ω	100 Ω
Max. Input Sound Level	Phantom 129 dB SPL, 1 kHz at 1% T.H.D. Battery 115 dB SPL, 1 kHz at 1% T.H.D.	127 dB SPL, 1 kHz at 1% T.H.D.
Dynamic Range (typical)	Phantom 112 dB, 1 kHz at Max SPL Battery 98 dB, 1 kHz at Max SPL	107 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio	77 dB, 1 kHz at 1 Pa*	74 dB, 1 kHz at 1 Pa*
Switch	Flat, roll-off (recessed)	
Battery Type / Current / Life	1.5V AA/UM3 / 0.4 ma typical / 1200 hours (alkaline battery)	
Phantom Power Requirements	11-52V DC, 2 ma typical	11-52V DC, 2 ma typical
Weight (less accessories)	145 g	80 g
Dimensions	279 mm long, 21 mm Ø	175 mm long, 21 mm Ø
Output Connector	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type
Accessories Furnished	AT8405a stand clamp for 5/8"-27 threaded stands; AT8134 windscreen; battery; 5/8"-27 to 3/8"-16 threaded adapter; protective carrying case; two O-Rings	AT8405a stand clamp for 5/8"-27 threaded stands; AT8133 windscreen; 5/8"-27 to 3/8"-16 threaded adapter; protective carrying case; two O-Rings

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

shotgun microphones (PC 316-MC 250)

LINE + GRADIENT CONDENSER MICROPHONES

Designed for video production and broadcast (ENG/EFP) audio acquisition, the new **AT8015** and **AT8035** provide the narrow acceptance angle desirable for long-distance sound pickup. They offer excellent sound rejection from the sides and rear, switchable low-frequency roll-off, and the convenience of battery or phantom power operation.

AT8015
330,00 € 460 mm line + gradient condenser microphone

AT8015-Z (AT8015 + BPZ-L)
518,00 € Same shotgun microphone as above with Soft-Zep system BPZ-L (Length 360 mm) including windscreens and pistol grip

AT8015-W (AT8015 + BPW-330)
404,00 € Same shotgun microphone as above with Windshield BPW-330 (Length 330 mm)

AT8015-F (AT8015 + BPF-340)
368,00 € Same shotgun microphone as above with Fur Socks BPF-340 (Length 340 mm)

AT8035
310,00 € 369 mm line + gradient condenser microphone

AT8035-Z (AT8035 + BPZ-M)
498,00 € Same shotgun microphone as above with Soft-Zep system BPZ-M including windscreens and pistol grip (Length 310 mm)

AT8035-W (AT8035 + BPW-250)
384,00 € Same shotgun microphone as above with Windshield BPW-250 (Length 250 mm)

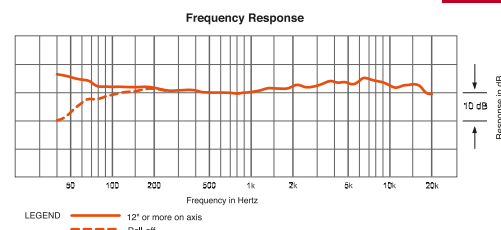
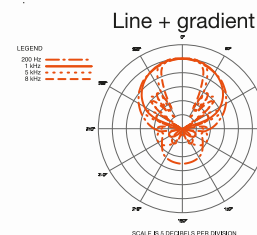
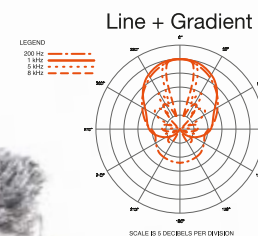
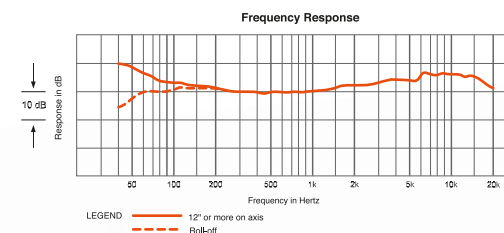
AT8035-F (AT8035 + BPF-250)
346,00 € Same shotgun microphone as above with Fur Socks BPF-250 (Length 250 mm)



Specifications	AT8015	AT8035
Element	Fixed-charge back plate permanently polarized condenser	Fixed-charge back plate permanently polarized condenser
Polar Pattern	Line + gradient	Line + gradient
Frequency Response	40-20,000 Hz	40-20,000 Hz
Low Frequency Roll-Off	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave
Open Circuit Sensitivity	Phantom -38 dB (12.5 mV) Battery -39 dB (11.2 mV), re 1V at 1 Pa*	Phantom -38 dB (12.5 mV) Battery -39 dB (11.2 mV), re 1V at 1 Pa*
Impedance	Phantom 250 Ω / Battery 300 Ω	Phantom 250 Ω / Battery 300 Ω
Max. Input Sound Level	Phantom 132 dB SPL / Battery 120 dB SPL, 1 kHz at 1% T.H.D.	Phantom 132 dB SPL / Battery 120 dB SPL, 1 kHz at 1% T.H.D.
Dynamic Range (typical)	Phantom 110 dB / Battery 98 dB, 1 kHz at Max SPL	Phantom 110 dB / Battery 98 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio	72 dB, 1 kHz at 1 Pa*	72 dB, 1 kHz at 1 Pa*
Phantom Power Requirements	11-52V DC, 2 mA typical	11-52V DC, 2 mA typical
Battery Type	1.5v AA/UM3	1.5v AA/UM3
Battery Current	0.4 mA typical	0.4 mA typical
Battery Life	1200 hours typical (alkaline)	1200 hours typical (alkaline)
Switch	Flat, roll-off	Flat, roll-off
Weight (less accessories)	195 g (6.9 oz)	170 g (6.0 oz)
Dimensions	460 mm (18.11") long, 21 mm (0.83") Ø	369 mm (14.53") long, 21 mm (0.83") Ø
Output Connector	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type
Accessories Furnished	AT8405a stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; AT8135 windscreen; battery; protective carrying case; two O-Rings	AT8405a stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; AT8132 windscreen; battery; protective carrying case; two O-Rings

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

broadcast & production

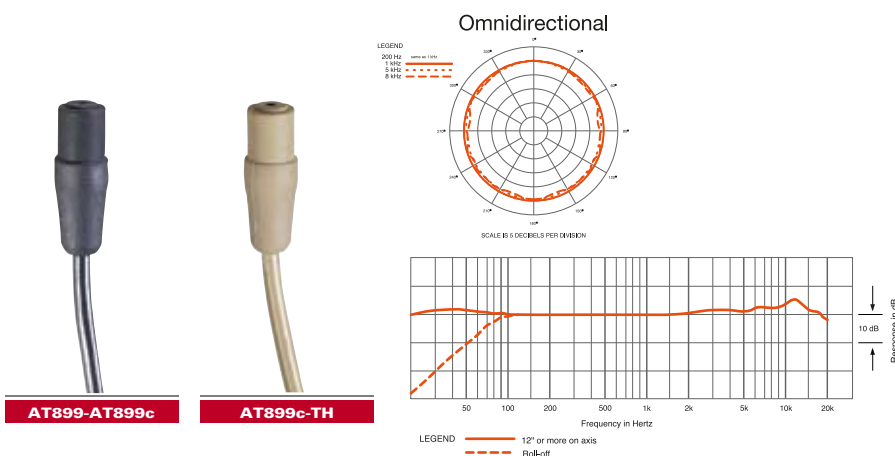
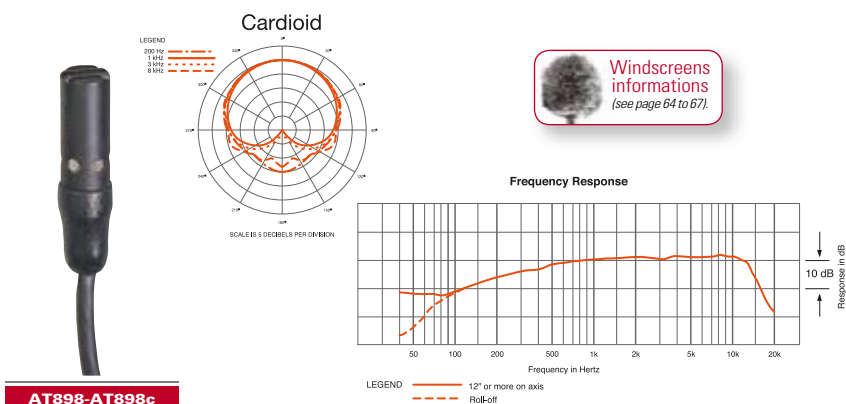


AT8015+BPW330

AT8035

broadcast & production

subminiature condenser microphones (PC 317-MC 250)



AT898 AND AT899 SYSTEMS

With A-T's legendary innovations in electro-acoustic design, Audio-Technica's Broadcast & Production Subminiature Lavalier Microphones are ideal for applications where quality sound and unobtrusive design are imperative.

AT898

295,00 €

Subminiature cardioid condenser microphone

With **AT8537** power module, **AT898** Acc Set, and **AT8463** neck wire. Designed to be worn as a lavalier or hidden in clothing, Audio-Technica's discreet-design cardioid **AT898** offers maximum intelligibility, accurate voice reproduction and unobtrusive appearance for use in houses of worship, broadcast studios, theatres, etc. Its switchable low frequency roll-off reduces sensitivity to popping. Battery or phantom power.

AT898c

155,00 €

Unterminated version of AT898

AT899

295,00 €

Subminiature omnidirectional condenser microphone

For interviews, documentary, film and theatre applications. With **AT8537** power module and **AT899AK** accessory kit. Audio-Technica's omnidirectional **AT899** is engineered for intelligible, accurate voice reproduction. Its low-profile design (a mere 5 mm in diameter) assures minimum visibility. The mic may be worn as a lavalier and is easily hidden in clothing or hair. It offers the convenience of battery or phantom power; its switchable low-frequency roll-off reduces popping.

AT899c

148,00 €

Unterminated version of AT899, 1.40 m cable

AT899c-TH

148,00 €

Unterminated version of AT899 in beige

AT899AK

56,00 €

Accessories pack for AT899 and AT898

AT899AK-TH

56,00 €

Accessories pack in beige for AT899c-TH

Specifications	AT898	AT899
Element	Fixed-charge back plate permanently polarized condenser	Fixed-charge back plate permanently polarized condenser
Polar Pattern	Cardioid	Omnidirectional
Frequency Response	200-15,000 Hz	20-20,000 Hz
Low Frequency Roll-Off	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave
Open Circuit Sensitivity	Phantom -43 dB (7.0 mV), re 1V at 1 Pa* Battery -46 dB (5.0 mV), re 1V at 1 Pa*	-43 dB (7.0 mV), re 1V at 1 Pa* -46 dB (5.0 mV), re 1V at 1 Pa*
Impedance	Phantom 200 Ω - Battery 250 Ω	Phantom 200 Ω - Battery 250 Ω
Maximum Input Sound Level	Phantom 131 dB SPL, 1 kHz at 1% T.H.D. Battery 115 dB SPL, 1 kHz at 1% T.H.D.	138 dB SPL, 1 kHz at 1% T.H.D. 116 dB SPL, 1 kHz at 1% T.H.D.
Dynamic Range (typical)	Phantom 100 dB, 1 kHz at max SPL Battery 84 dB, 1 kHz at max SPL	108 dB, 1 kHz at max SPL 86 dB, 1 kHz at max SPL
Signal-to-Noise Ratio	63 dB, 1 kHz at 1 pa*	64 dB, 1 kHz at 1 pa*
Switch	flat, roll-off (recessed)	flat, roll-off (recessed)
Battery Type / Current / Life	1.5V AA-UM3 / 0.4 ma typical / 1200 hours (alkaline battery)	1.5V AA-UM3 / 0.4 ma typical / 1200 hours (alkaline battery)
Phantom Power Requirements	11-52V DC, 2 ma typical	11-52V DC, 2 ma typical
Weight (less cable and accessories)	Microphone 0.9 g - Power module 102 g	0.5 g - Power module 102 g
Dimensions	Microphone 23.0 mm long, 5.3 mm diameter Power Module 145.0 mm long, 21.0 mm diameter	16.0 mm long, 5.0 mm diameter 145.0 mm long, 21.0 mm diameter
Output Connector (power module)	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type
Cable	3.0 m long (permanently attached to microphone), 2.0 mm diameter, 2-conductor, shielded cable with TA3F output connector that mates with TB3M jack on power module	3.0 m long (permanently attached to microphone), 2.0 mm diameter, 2-conductor, shielded cable with TA3F output connector that mates with TB3M jack on power module
Accessories Furnished	AT8537 power module; AT8439 cable clip; clothing clip base; viper clip base; magnet clip base and plate with lanyard; three single mic holders; two double mic holders; two windscreens; battery; protective carrying case	AT8537 power module; AT8439 cable clip; clothing clip base; viper clip base; magnet clip base and plate with lanyard; three single mic holders; two double mic holders; two element covers; two windscreens; battery; protective carrying case

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

subminiature condenser microphones

With a capsule diameter not much bigger than the head of a pin, Audio-Technica's smallest-ever lavalier microphone virtually disappears in props or clothing to create highest-quality audio for broadcast and theatre sound reinforcement. The **BP896 MicroPoint™** omnidirectional lavalier delivers extremely intelligible natural audio and handles high sound pressure levels with ease. Its subminiature omni element is enclosed in a durable housing designed to minimize noise from handling, clothing and wind. Flip a switch to eliminate low-frequency hum without affecting intelligibility.

Offered in wired & wireless models, the **BP896** comes generously equipped with an extensive accessory kit-mic holders, windscreens, element covers & more.

- Inconspicuous, lightweight capsule
- Extremely intelligible natural audio
- Handles high sound pressure levels with ease
- Rugged built for long-lasting performance
- High-pass **UniSteep®** filter provides a steep low-frequency attenuation to improve sound pickup without affecting voice quality
- Requires 11V to 52V DC phantom power
- Includes generous accessory kit & protective case
- RoHS compliant—free from all substances specified in the EU directive on hazardous substances
- Available in black and beige, wired and wireless models:

SUBMINIATURE WIRELESS HEADWORN MICROPHONES FOR USE WITH AUDIO-TECHNICA UNIPAK™ WIRELESS SYSTEMS (PC 495-MC 430)

BP896cW
229,00 € Less power module; 1.4 m cable terminated with locking 4-pin connector for audio-technica UniPak™ wireless systems

BP896cW-TH
229,00 € Same as **BP896cW**, but in "theatre" color (beige)

SUBMINIATURE WIRELESS HEADWORN MICROPHONES UNTERMINATED (PC 317-MC 250) This microphone cannot be terminated to be used with Sennheiser wireless systems

BP896c
209,00 € Less power module; 1.4 m cable, unterminated

BP896c-TH
209,00 € Same as **BP896c**, but in "theatre" color (beige)

SUBMINIATURE HEADWORN MICROPHONES FOR WIRED APPLICATIONS (PC 317-MC 250)

BP896
339,00 € Subminiature omnidirectional condenser lavalier microphone, includes **AT8539** power module

BP896-TH
339,00 € Same as **BP896**, but in "theatre" color (beige)

SUBMINIATURE HEADWORN MICROPHONES FOR USE WITH OTHER MANUFACTURERS' WIRELESS TRANSMITTERS (PC 495-MC 430)

BP896cL4
249,00 € Less power module; 1.4 m cable terminated for Sennheiser wireless systems using Lemo connector

BP896cL4-TH
249,00 € Same as **BP896cL4**, but in "theatre" color (beige)

BP896cLM3
219,00 € Less power module; 1.4 m cable terminated for Sennheiser wireless systems using locking 3.5 mm connector

BP896cLM3-TH
219,00 € Same as **BP896cLM3**, but in "theatre" color (beige)

BP896cT4
219,00 € Less power module; 1.4 m cable terminated with TA4F-type connector for Shure wireless systems

BP896cT4-TH
219,00 € Same as **BP896cT4**, but in "theatre" color (beige)

Full accessories kit (black or beige) included.



BP896 MicroPoint™

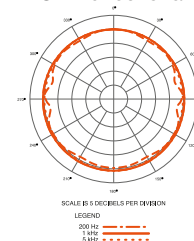
Windscreens informations
(see page 64 to 67).



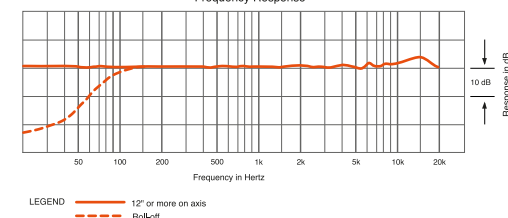
BP896



Omnidirectional



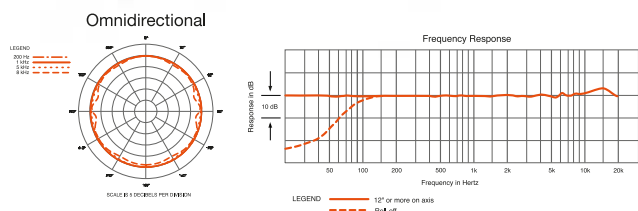
Frequency Response



Specifications	BP896
Element	Fixed-charge back plate, permanently polarized condenser
Polar Pattern	Omnidirectional
Frequency Response	20-20,000 Hz
Low Frequency Roll-Off	80 Hz, 18 dB/octave (wired only)
Open Circuit Sensitivity	-49 dB (3.5 mV) re 1V at 1 Pa
Impedance	250 ohms (wired only)
Maximum Input Sound Level	135 dB SPL, 1 kHz at 3% T.H.D.
Dynamic Range (typical)	104 dB, 1 kHz at Max SPL (wired only)
Signal-to-Noise Ratio	63 dB, 1 kHz at 1 Pa
Phantom power requirements	11-52V DC, 2 mA typical (wired only)
Switch	Flat, roll-off (wired only)
Weight	Microphone : 0.14 g - Power module : 85 g (wired only)
Dimensions	Microphone : 10.8 mm long, 2.6 mm diameter - Power module : 97.6 mm long, 18.9 mm diameter (wired only)
Output Connector (power module)	Integral 3-pin XLRM-type
Cable	1.4 m long (permanently attached to microphone), 1.6 mm Ø, 2-conductor shielded cable with locking 4-pin connector (wired only)
Accessories Furnished	BP896: AT8539 power module (wired only); two AT8157 windscreens; six element covers (2 white, 2 beige, 2 black); viper clip base; clothing clip base; 3 black single mic holders; 2 black double mic holders; belt clip (wired only); carrying case BP896-TH: AT8539 power module (wired only); two AT8157-TH windscreens; six element covers (2 white, 2 beige, 2 black); viper clip base; clothing clip base; 3 beige single mic holders; 2 beige double mic holders; belt clip (wired only); carrying case

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

BP892 MicroSet®



- Inconspicuous, lightweight design is ideal for applications requiring minimum visibility
- Under-ear design for ultimate comfort and ultra-secure fit

Specifications	BP892
Element	Fixed-charge back plate, permanently polarized condenser
Polar Pattern	Omnidirectional
Frequency Response	20-20,000 Hz
Low Frequency Roll-Off	80 Hz, 18 dB/octave (wired only)
Open Circuit Sensitivity	-49 dB (3.5 mV) re 1V at 1 Pa
Impedance	250 ohms (wired only)
Maximum Input Sound Level	135 dB SPL, 1 kHz at 3% T.H.D.
Dynamic Range (typical)	104 dB, 1 kHz at Max SPL (wired only)
Signal-to-Noise Ratio	63 dB, 1 kHz at 1 Pa
Phantom power requirements	11-52V DC, 2 mA typical (wired only)
Switch	Flat, roll-off (wired only)
Weight	Microphone: Microphone, boom & earpiece: 2.6 g
Dimensions	Microphone: 8.1 mm long, 2.6 mm diameter Boom: 98.4 mm long, 1.07 mm diameter Power module: 97.6 mm long, 18.9 mm diameter (wired only)
Output Connector (power module)	Integral 3-pin XLRM-type
Cable	1.4 m long (permanently attached to microphone), 1.6 mm Ø, 2-conductor shielded cable with locking 4-pin connector (wired only)
Accessories Furnished	BP892: AT8539 power module (wired only); AT8440 cable clip; two AT8157 windscreens; two AT8156 element covers; moisture guard; belt clip (wired only); carrying case; AT8464 dual-ear BP892-TH: AT8539 power module (wired only); AT8440 cable clip; two AT8157-TH windscreens; two AT8156-TH element covers; moisture guard; belt clip (wired only); carrying case; AT8464-TH dual-ear

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

omnidirectional condenser headworn microphones

Audio-Technica's high-SPL **BP892 MicroSet®** offers the ultimate in low-profile, high-performance audio. Delivering clear and accurate sound in a tiny package, the ultra-lightweight **BP892** hooks securely behind either ear and can be worn for hours without fatigue. The microphone features a flat, extended frequency response and other outstanding performance specifications, resulting in extremely intelligible, natural audio for stage and television talent, lecturers and houses of worship. Protected by a highly durable Parylene coating, the new headworn mic is built to stand up to the rigors of day-to-day use.

SUBMINIATURE WIRELESS HEADWORN MICROPHONES
FOR USE WITH AUDIO-TECHNICA UNIPAK™ WIRELESS SYSTEMS (PC 495-MC 430)

BP892cW

299,00 € Less power module; 1.4 m cable terminated with locking 4-pin connector for Audio-Technica UniPak® wireless systems

BP892cW-TH

299,00 € Same as **BP892cW**, but in "theatre" color (beige)

SUBMINIATURE WIRELESS HEADWORN MICROPHONES UNTERMINATED (PC 306-MC 210)
This microphone cannot be terminated to be used with Sennheiser wireless systems

BP892c

279,00 € Less power module; 1.4 m cable, unterminated

BP892c-TH

279,00 € Same as **BP892c**, but in "theatre" color (beige)

SUBMINIATURE HEADWORN MICROPHONES FOR WIRED APPLICATIONS (PC 306-MC 210)

BP892

399,00 € Subminiature omnidirectional condenser headworn microphone, includes **AT8539** power module

BP892-TH

399,00 € Same as **BP892**, but in "theatre" color (beige)

AT8539

109,00 € See description page 125.

SUBMINIATURE HEADWORN MICROPHONES
FOR USE WITH OTHER MANUFACTURERS' WIRELESS TRANSMITTERS (PC 306-MC 430)

BP892cT4

299,00 € Less power module; 1.4 m cable terminated with TA4F-type connector for Shure wireless systems

BP892cT4-TH

299,00 € Same as **BP892cT4**, but in "theatre" color (beige)

BP892cL4

329,00 € Less power module; 1.4 m cable terminated for Sennheiser wireless systems using Lemo connector

BP892cL4-TH

329,00 € Same as **BP892cL4**, but in "theatre" color (beige)

BP892cLM3

309,00 € Less power module; 1.4 m cable terminated for Sennheiser wireless systems using locking 3.5 mm connector

BP892cLM3-TH

309,00 € Same as **BP892cLM3**, but in "theatre" color (beige)

BP892cM1

289,00 € Microset headworn microphone unterminated, black colour to be used with Sennheiser wireless systems only

BP892cM1-TH

289,00 € Same as **BP892cM1**, but in "theatre" color (beige)

AUDIO-TECHNICA'S DUAL-EAR MICROPHONE MOUNT

AT8464

39,00 € Audio-Technica's Dual-Ear Microphone Mount allows you to convert your single ear-worn **BP892** or **AT892** MicroSet® to a dual-ear-worn unit for maximum stability and comfort.

The **BP892** fits on either side of the Dual-Ear Microphone Mount, allowing the microphone to be worn either on the left or right side of your head. The headband easily adjusts to fit both children and adults.

AT8464-TH

39,00 € Same as **AT8464**, but in "theatre" colour (beige)

omnidirectional condenser headworn microphones

With its ergonomically molded earpiece and unobtrusive one-inch boom, Audio-Technica's new **BP893 MicroEarset** offers inconspicuous placement along with clear, natural vocal pickup. Its lightweight low-profile design makes the microphone ideal for use in theatrical performances, houses of worship and broadcast studios.

The **BP893 MicroEarset** is positioned unobtrusively over the ear. Its omnidirectional miniature condenser capsule offers outstanding pickup tailored for natural vocal reproduction, with audio reproduction similar to that of a high-quality lavalier microphone. The microphone is also ideal for use in violin pickup; wear the **BP893** over the ear as usual, with no need for clamps on the violin.

- Outstanding clarity and intelligibility
- Lightweight, ergonomic design
- Extremely unobtrusive, 1-inch flexible boom
- Secure over-the-ear placement
- Extended frequency response for natural vocal reproduction
- UniSteep® filter provides a steep low-frequency attenuation to improve sound pickup without affecting voice quality.

SUBMINIATURE WIRELESS HEADWORN MICROPHONES FOR USE WITH AUDIO-TECHNICA UNIPAK™ WIRELESS SYSTEMS (PC 495-MC 430)

BP893cW

239,00 € Less power module; 1.4 m cable terminated with locking 4-pin connector for audio-technica UniPak® wireless systems

BP893cW-TH

239,00 € Same as **BP893cW**, but in "theatre" color (beige)

SUBMINIATURE WIRELESS HEADWORN MICROPHONES UNTERMINATED (PC 317-MC 250)

BP893c

229,00 € Less power module; 1.4 m cable, unterminated

BP893c-TH

229,00 € Same as **BP893c**, but in "theatre" color (beige)

SUBMINIATURE WIRELESS HEADWORN MICROPHONES FOR WIRED APPLICATIONS (PC 317-MC 250)

BP893

349,00 € Includes AT8539 (see description power modular module)

BP893-TH

349,00 € Same as **BP893**, but in "theatre" color (beige)

SUBMINIATURE HEADWORN MICROPHONES FOR USE WITH OTHER MANUFACTURERS' WIRELESS TRANSMITTERS (PC 306-MC 430)

BP893cT4

239,00 € Less power module; 1.4 m cable terminated with TA4F-type connector for Shure wireless systems

BP893cT4-TH

239,00 € Same as **BP893cT4**, but in "theatre" color (beige)

BP893cL4

289,00 € Less power module; 1.4 m cable terminated for Sennheiser for Sennheiser wireless systems using Lemo connector

BP893cL4-TH

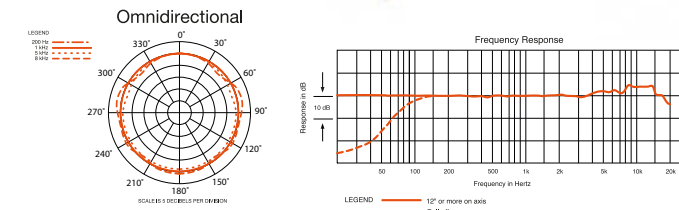
289,00 € Same as **BP893cL4**, but in "theatre" color (beige)

BP893cLM3

239,00 € Less power module; 1.4 m cable terminated for Sennheiser wireless systems using locking 3.5 mm connector

BP893cLM3-TH

239,00 € Same as **BP893cLM3**, but in "theatre" color (beige)



Specifications	BP893
Element	Fixed-charge back plate, permanently polarized condenser
Polar Pattern	Omnidirectional
Frequency Response	20-20,000 Hz
Low Frequency Roll-Off	80 Hz, 18 dB/octave (wired only)
Open Circuit Sensitivity	-34 dB (19.9 mV) re 1V at 1 Pa
Impedance	245 ohms (wired only)
Maximum Input Sound Level	114 dB SPL, 1 kHz at 3% T.H.D.
Dynamic Range (typical)	88 dB, 1 kHz at Max SPL (wired only)
Signal-to-Noise Ratio	68 dB, 1 kHz at 1 Pa
Phantom power requirements	11-52V DC, 2 mA typical (wired only)
Switch	Flat, roll-off (wired only)
Weight	Microphone: Microphone, boom & earpiece: 2.0 g
Dimensions	Microphone: 8.1 mm long, 2.6 mm diameter Boom: 26.4 mm long, 1.07 mm diameter Power module: 97.6 mm long, 18.9 mm diameter (wired only)
Output Connector (power module)	Integral 3-pin XLRM-type
Cable	1.4 m long (permanently attached to microphone), 1.6 mm Ø, 2-conductor shielded cable with locking 4-pin connector (wired and cW versions)
Accessories Furnished	BP893: AT8539 power module (wired only); AT8440 cable clip; two AT8157 windscreens; two AT8156 element covers; moisture guard; belt clip (wired only); carrying case BP893-TH: AT8539 power module (wired only); AT8440 cable clip; two AT8157-TH windscreens; two AT8156-TH element covers; moisture guard; belt clip (wired only); carrying case

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

broadcast & production



AT831R / AT831b / AT831c



AT831R - AT831b



AT803b / AT803cb



MT830R / MT830c



MT350b



MT838b

Specifications	AT831R	AT831b	AT803b	MT830R
Element	Condenser	Condenser	Condenser	Condenser
Polar Pattern	Cardioid	Cardioid	Omnidirectional	Omnidirectional
Frequency Response	40-16,000 Hz	40-18,000 Hz	30-20,000 Hz	30-20,000 Hz
Open Circuit Sensitivity (re 1V at 1 Pa*)	-42 dB (7.9 mV)	P: -44 dB (6.3 mV) B: -46 dB (5.0 mV)	P: -44 dB (6.3 mV) B: -46 dB (5.0 mV)	-37 dB (14.1 mV)
Impedance	250 Ω	P: 200 Ω B: 270 Ω	P: 200 Ω B: 270 Ω	200 Ω
Max. Input Sound Level (1 kHz at 1% T.H.D.)	141 dB SPL	P: 135 dB SPL B: 121 dB SPL	P: 135 dB SPL B: 121 dB SPL	135 dB SPL
Signal-to-Noise Ratio	65 dB, 1 kHz at 1 Pa	65 dB, 1 kHz at 1 Pa	65 dB, 1 kHz at 1 Pa	67 dB, 1 kHz at 1 Pa
Low Frequency Roll-Off	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave
Power Requirement	11-52V DC or 1.5 V AA battery	11-52V DC, phantom only	9-52V DC or 1.5 V AA battery	11-52V DC phantom only
Battery life		1200 hours (alkaline battery)	1200 hours (alkaline battery)	
Output Connector	XLRM (on power module)	XLRM (on power module)	XLRM (on power module)	XLRM (on power module)
Accessories Furnished	AT8538 remote power module; AT8444 instrument adapter; AT8419 clothing clip; AT8116 windscreen; protective carrying case	AT8531 power module; AT8444 instrument adapter; AT8419 clothing clip; AT8116 windscreen; battery; protective carrying case	AT8531 power module; AT8419 clothing clip; AT8116 windscreen protective carrying case	AT8538 power module; AT8130 windscreen; AT8420 clothing clip;

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

cardioid clip-on microphones (PC 317-MC 250)

MICROPHONES WITH POWER MODULES

AT831R

210,00 €

Miniature cardioid condenser microphone (phantom only)

For musical instruments and lavalier use where feedback or room noise is a problem.

Phantom power only. 4m cable with TA3F plug. Includes AT8538 power module, AT8444 instrument adapter, AT8116 windscreen, AT8419 clothing clip and protective carrying case.

AT831b

184,00 €

Miniature cardioid condenser microphone (both battery and phantom)

Same as AT831R but both battery and phantom power. 1.8m cable attached to power module.

Includes AT8531 power module (off/on/roll/off), same accessories as AT831R furnished

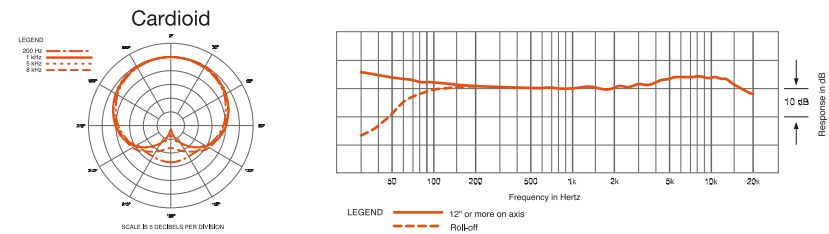
UNTERMINATED MICROPHONE

AT831c

82,00 €

Unterminated version of AT831R (less power module)

Comes with AT8419 clothing clip and AT8116 windscreen. 3,2 m integral unterminated cable



omnidirectional clip-on microphones (PC 317-MC 250)

ELECTRET LAVALIER MICROPHONES WITH POWER MODULES

AT803b

179,00 €

Miniature omnidirectional condenser microphone

For lavalier and musical instrument use phantom power or battery. 1.8m cable attached to AT8531 power module (off/on/roll/off) switch. Includes AT8116 windscreen, AT8419 clothing clip, battery and protective carrying case.

MT830R

220,00 €

Miniature omnidirectional condenser microphone

For use as lavalier, or may be worn in clothing or hair. Phantom power only. 8m cable with TA3F plug. Includes AT8538 power module, AT8130 self-adhesive windscreens(3) and AT8420 clothing clip.

UNTERMINATED ELECTRET LAVALIER MICROPHONES

AT803cb

68,00 €

Unterminated version of AT803b (less power module)

Comes with AT8419 clothing clip and AT8116 windscreen. 1,8 m integral unterminated cable

MT830c

74,00 €

Unterminated version of MT830R

(less power module). Comes with AT8420 clothing clip and AT8130 windscreen. 1,5 m integral unterminated cable

MT350b

28,00 €

Ultra miniature omnidirectional cosmetic stage/theatre microphone,

unterminated version. Comes with AT8435 clothing clip, AT8129 windscreen. 4,6 m integral unterminated cable

MT838b

58,00 €

Miniature omnidirectional condenser lavalier microphone,

unterminated version with integral windscreen. Comes with MT838TC clip. 1,8 m integral unterminated cable

professional stereo microphone (PC 318-MC 250)

AT8022

420,00 € X/Y stereo microphone

This stereo microphone uses a unique coincident capsule configuration to produce an accurate stereo image in a very small housing. A standard for broadcast and professional field recording, the compact and lightweight **AT8022** is perfect for handheld, boom or camera mount use. With optional balanced or unbalanced output the **AT8022** is extremely versatile for all stereo microphone applications from field recording, ambient pickup and interviews.

In balanced mode a Y-split cable provides two separate XLR output connectors with the option to power the microphone via phantom power.

Unbalance mode requires one AA battery to power the microphone and uses a 3.5mm mini-jack output connector providing the most professional broadcast microphone for use with camcorders, mp3 or mini-disk recorders.

AT8022-F (AT8022 + BPF-2)

456,00 € Same stereo microphone as above with Fur Socks BPF-2
Length of the BPF-2: 125mm

studio / broadcast stereo microphone (PC 318-MC 250)

BP4025

540,00 € Large diaphragm X/Y microphone

A unique large diaphragm coincident capsule configuration offers a pristine stereo image with an exceptional low noise floor. The image and excellent channel separation captured by this one microphone is natural and powerful to create that feeling of being there.

A new standard for top quality broadcast ambient recordings, this microphone is as happy in the studio as it is in the high sound pressure volumes of motoring events offering an astounding 155dB SPL, 80Hz roll off and 10dB pad.

BP4025-F (BP4025+BPF-2)

576,00 € Same stereo microphone as above with Fur Socks BPF-2
Length of the BPF-2: 125mm

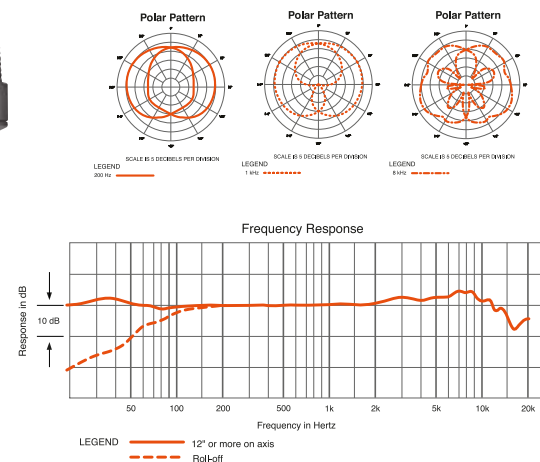
Specifications	AT8022	BP4025
Element	Fixed-charge back plate permanently polarized condenser	Fixed-charge back plate permanently polarized condenser
Channel Balance	<2.5 dB	<2.5 dB
Polar Pattern	X/Y Stereo	X/Y Stereo
Frequency Response	20-15,000 Hz	20-17,000 Hz
Low Frequency Roll-Off	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave
Open Circuit Sensitivity	Phantom: -38 dB (12.5 mV) - Battery: -38 dB (12.5 mV)	-32 dB (25.1 mV) re 1V at 1 Pa*
Impedance	Phantom: 250 ohms - Battery: 300 ohms	170 ohms
Maximum Input Sound Level	Phantom: 128 dB - Battery: 120 dB SPL, 1 kHz at 1% T.H.D.	145 dB SPL, 1 kHz at 1% T.H.D. - 155 dB SPL, with 10 dB pad
Dynamic Range (typical)	Phantom: 109 dB - Battery: 101 dB, 1 kHz at Max SPL	131 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio	75 dB, 1 kHz at 1 Pa*	80 dB, 1 kHz at 1 Pa*
Phantom Power Req.	11-52V DC, 2 mA typical (each channel)	11-52V DC, 7 mA typical (both channels total)
Battery type / Battery current / life	1.5V AA/UM3 / 0.7 mA / 700 hours typical (alkaline)	
Switches	Battery On/Off; Flat, roll-off	10 dB pad (nominal); Flat, roll-off
Weight (less cable and accessories)	247 g	269 g
Dimensions	186.0 mm long, 47.6 mm head diameter, 21.0 mm maximum body diameter	186.0 mm long, 47.6 mm head diameter, 21.0 mm body diameter
Output Connector	Integral 5-pin XLRM-type	Integral 5-pin XLRM-type
Cables	Balanced: 2.0 m long, 8 conductor, shielded, vinyl-jacketed stereo cable with 5-pin XLRF-type connector at microphone end and two 3-pin XLRM-type connectors at output end; Unbalanced: 0.6 m long stereo cable with 5-pin XLRF-type connector at microphone end and 3.5mm TRS connector at output end	5.0 m long, 8 conductor, shielded, vinyl-jacketed stereo cable with 5-pin XLRF-type connector at microphone end and two 3-pin XLRM-type connectors at output end
Accessories furnished	AT8405a stand clamp for 5/8"-27 threaded stands; AT8120 windscreen; battery; soft protective pouch	AT8405a stand clamp for 5/8"-27; threaded stands; AT8120 windscreen; soft protective pouch

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

broadcast & production



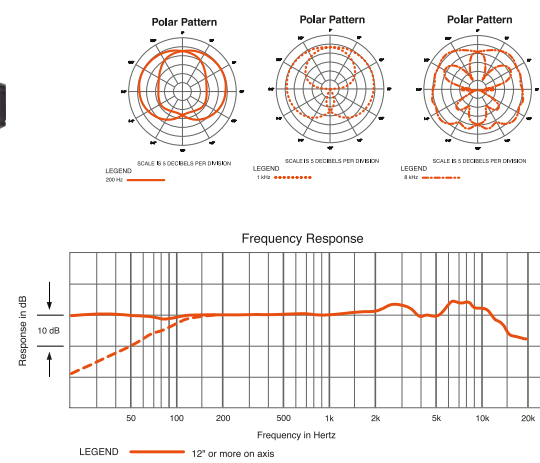
AT8022



**Windscreens
information**
(see page 64 to 67)



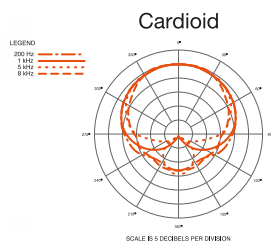
BP4025



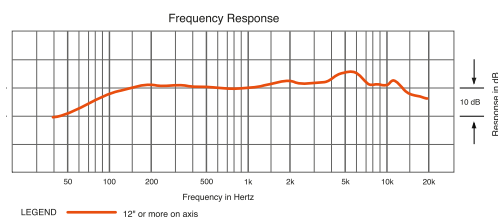
broadcast & production



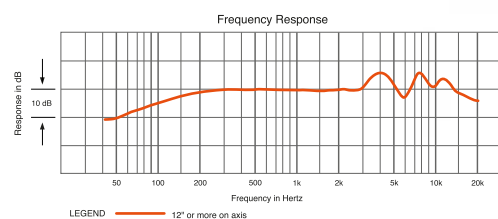
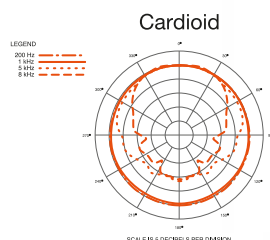
BP4001



NEW BP4001 Cardioid Dynamic Microphone



NEW BP4002 Omnidirectional Dynamic Microphone



BP4002

handheld dynamic microphones (PC 318-MC250)

BP4001 and **BP4002** dynamic microphone are tailored for extremely clear and articulate reproduction of spoken words. Featuring an extended handle that easily accommodates microphone flags, the **BP4001** and **BP4002** are ideal for all aspects of broadcast and remote newsgathering: on-location interviews, ENG, EFP, sports applications and much more. Designed to provide exceptional isolation from handling noise, the microphone is ruggedly built to withstand the abrasion and jostling expected with life in the field.

- Professional interview microphone with extended-length handle is ideal for onlocation interviews
- Frequency response is tailored for natural, clear and articulate reproduction of spoken words
- The back-cavity assembly "floats" inside the handle shell, providing exceptional isolation from handling noise
- Rugged housing with hardened-steel grille stands up to field use
- Integral windscreen protects against wind and breath noise
- Equipped with windscreen, carrying case, protective pouch and professional stand clamp

BP4001
189,00 € Cardioid dynamic microphone

Cardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source

BP4001-F (BP4001+BPF-2)
225,00 € Same microphone as above with Fur Socks BPF-2
Length of the BPF-2: 125mm



BP4002
189,00 € Omnidirectional dynamic microphone
Omnidirectional polar pattern provides a natural reproduction of surrounding ambience

BP4001-F (BP4002+BPF-2)
225,00 € Same microphone as above with Fur Socks BPF-2
Length of the BPF-2: 125mm

Specifications	BP4001	BP4002
Element	Dynamic	Dynamic
Polar Pattern	Cardioid	Omnidirectional
Frequency Response	80-18,000 Hz	80-20,000 Hz
Open Circuit Sensitivity	-54 dB (1.9 mV) re 1V at 1 Pa	-56 dB (1.5 mV) re 1V at 1 Pa
Impedance	300 ohms	300 ohms
Weight	275 g	276 g
Dimensions	240.8 mm long, 40.0 mm head diameter	240.8 mm long, 40.0 mm head diameter
Output Connector Integral	3-pin XLRM-type	3-pin XLRM-type
Accessories Furnished	AT8470 Quiet-Flex™ stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; foam windscreen; carrying case; soft protective pouch	AT8470 Quiet-Flex™ stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; foam windscreen; carrying case; soft protective pouch

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

handheld general purpose microphones (PC 318-MC 250)

AT8031

199,00 € Cardioid condenser handheld microphone
Replacement model of **ATM31a** and **AT813a**

The **AT8031** is ideal for close-up interviews, vocals, overheads, piano, and strings. Its cardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source. The mic's proximity effect provides added warmth when used close up. Features include a large protective screen that reduces "popping" and sibilant distortion. It operates on battery or phantom power.

AT8033

179,00 € Cardioid condenser microphone
Replacement model of **ATM33a**

Ideal for general audio acquisition such as interviews, acoustic guitar, percussion, overheads, vocals and more, the **AT8033** features high-SPL capability and wide frequency response. Its cardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source. The mic excels in both studio and stage applications. It operates on battery or phantom power.



gooseneck microphone (PC 318-MC 250)

XLR GOOSENECK MICROPHONE

AT808G

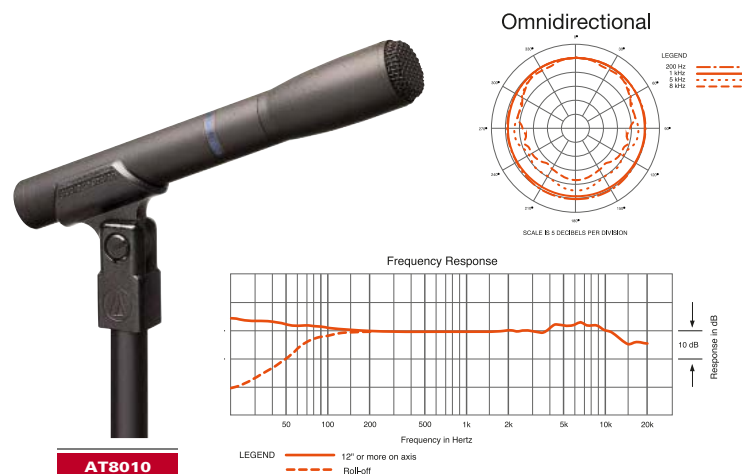
135,00 € Subcardioid moving coil dynamic console microphone 412.7 mm long.
XLRM-type output plugs directly into
XLRF-type panel mount or console connector.

Specifications	AT8031	AT8033	AT808G
Element	Fixed-charge back plate, permanently polarized condenser	Fixed-charge back plate, permanently polarized condenser	Dynamic
Polar Pattern	Cardioid	Cardioid	Subcardioid
Frequency Response	30-20,000 Hz	30-20,000 Hz	200 - 5,000 Hz
Open Circuit Sensitivity	Phantom: -44 dB (6.3 mV), re at 1Pa* Battery: -45 dB (5.6 mV), re at 1Pa*	-44 dB (6.3 mV), re at 1Pa* -45 dB (5.6 mV), re at 1Pa*	-60 dB (1.0 mV), re at 1Pa*
Impedance	Phantom: 250 Ω - Battery: 300 Ω	Phantom: 250 Ω - Battery: 300 Ω	800 Ω
Max. Input Sound Level	Phantom: 137 dB SPL, 1 kHz at 1% T.H.D. Battery: 123 dB SPL, 1 kHz at 1% T.H.D.	137 dB SPL, 1 kHz at 1% T.H.D. 123 dB SPL, 1 kHz at 1% T.H.D.	
Signal-to-Noise Ratio	70 dB, 1 kHz at 1 Pa*	70 dB, 1 kHz at 1 Pa*	
Dynamic Range	Phantom: 113 dB, 1 kHz at Max SPL Battery: 99 dB, 1 kHz at Max SPL	113 dB, 1 kHz at Max SPL 99 dB, 1 kHz at Max SPL	
Power Requirement	Phantom: 11-52V, 2 mA or 1.5 V AA / UM3	Phantom 11-52V, 2 mA or 1.5 V AA / UM3	
Weight (less accessories)	205 g	159 g	115g
Dimensions (mm)	193.0 long, 50.3 head Ø max	194.2 long, 26 head Ø max	412.7 long, 25 head Ø, 18.9 base Ø
Output Connector	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type	Integrated 3-pin XLRM
Accessories Furnished	AT8405a stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; AT8114 windscreen; battery; soft protective pouch	AT8405a stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; AT8136 windscreen; battery; soft protective pouch	

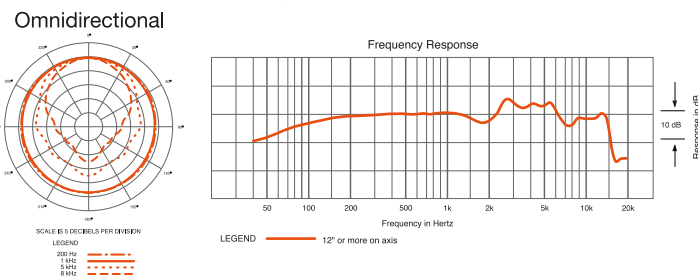
*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL



broadcast & production



Windscreens
information
(see page 64 to 67)



handheld general purpose microphones (PC 318-MC 250)

OMNIDIRECTIONAL MICROPHONES

AT8010
180,00 € Omnidirectional condenser microphone
Replacement model of **ATM10a**

The **AT8010** is ideal for interviews, sportscasting and for use as the "mono" mic in conjunction with a stereo microphone. Its omnidirectional polar pattern provides natural reproduction of surrounding ambience. The mic's rugged housing with hardened-steel grille stands up to field use; its internal shock mounting minimizes handling and cable noise. Operates on battery or phantom power.

AT8004
120,00 € Omnidirectional dynamic microphone
Replacement model of **AT804**

The **AT8004** is ideal for interviews, sportscasting and for use as the "mono" mic in conjunction with a stereo microphone. Its omnidirectional polar pattern provides natural reproduction of surrounding ambience. The mic's rugged housing with hardened-steel grille stands up to field use; its internal shock mounting minimizes handling and cable noise.

AT8004-W (AT8004+BPW-1)
194,00 € Same microphone as above with Windshield BPW-1
Length of the BPW-1: 95mm

AT8004L
130,00 € Omnidirectional dynamic microphone with extended handle
Replacement model of **AT804L**

The **AT8004L** has been optimised for broadcasted interviews; The length of 239,5mm allows the use of "customized mic flags" with Broacaster's logos proudly displayed.

AT8004L-W (AT8004L+BPW-1)
204,00 € Same microphone as above with Windshield BPW-1
Length of the BPW-1: 95mm

Specifications	AT8010	AT8004	AT8004L
Element	Fixed-charge back plate permanently polarized condenser	Dynamic	Dynamic
Polar Pattern	Omnidirectional	Omnidirectional	Omnidirectional
Frequency Response	20-20,000 Hz	80-16,000 Hz	80-16,000 Hz
Open Circuit Sensitivity	Phantom: -44 dB (6.3 mV), re 1V at 1Pa* Battery: -45 dB (5.6 mV), re 1V at 1Pa*	-51 dB (2.8 mV), re 1V at 1Pa*	-51 dB (2.8 mV), re 1V at 1Pa*
Impedance	Phantom: 250 Ω Battery: 300 Ω	300 Ω	300 Ω
Max. Input Sound Level	Phantom: 137 dB SPL, 1 kHz at 1% T.H.D. Battery: 123 dB SPL, 1 kHz at 1% T.H.D.		
Signal-to-Noise Ratio	70 dB, 1 kHz at 1 Pa*		
Dynamic Range	Phantom: 113 dB, 1 kHz at Max SPL Battery: 99 dB, 1 kHz at Max SPL		
Phantom Power Requirement	11-52V DC, 2 mA or 1.5V AA/UM3 battery		
Weight (less accessories)	165 g	160 g	215 g
Dimensions	178.0 mm long., 26.0 mm maximum head diameter	150.5 mm long 35.8 mm head Ø	239.5 mm long 35.8 mm head Ø
Output Connector	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type
Accessories Furnished	AT8405a stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; AT8136 windscreen; battery; soft protective pouch	AT8405a stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch	AT8405a stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

broadcast stereo headset (PC 319-MC 250)

The **BPHS1** is a rugged broadcast stereo headset with closed-back circumaural (around-the-ear) ear cups and a professional boom-mounted microphone that can be worn from either side. It is designed for news and sports broadcasting, announcing and interviews.

The headset's microphone has a unidirectional polar pattern tailored for pickup of speech with maximum voice intelligibility over a wide range of frequencies. It is more sensitive to sound originating directly in front of the element, making it useful in reducing pickup of unwanted sounds. The flexible gooseneck boom swivels for easy positioning on either the right or left side.

The dual earphones offer an extended frequency response of 20-20,000 Hz and smooth, natural sound reproduction. At the heart of each earpiece, a 40 mm neodymium driver offers impressive power handling ideal for high maximum sound pressure levels. Generously padded circumaural ear cups provide acoustic isolation and long-wearing comfort; the adjustable headband is also crafted and cushioned for listening comfort.

BPHS-1

159,00 € Broadcast stereo headset

- Microphone features polar pattern and frequency response tailored for natural, highly intelligible vocal reproduction
- Closed-back circumaural ear cups help seal out crowd noise and other background distractions
- Neodymium magnets in microphone and headphones for high output level & detailed sound reproduction
- Rugged design with user-replaceable cable and ear pads
- Unidirectional pickup pattern in dynamic microphone rejects off-axis sounds
- Boom-mounted microphone can be positioned on the left or right side
- Adjustable cushioned headband and lightweight design for longwearing comfort
- Cable termination: 3-pin XLRM-type connector for microphone 1/4" 3-conductor for headphones

BPHS1-XF4

159,00 € Communication headset

- Cable terminations: 4-pin XLRF-type connector for usage with intercom systems.

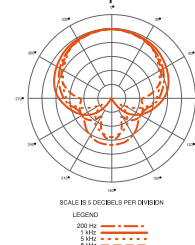
Specifications	BPHS-1
Headphone Type	Closed-back Dynamic
Headphone Driver	40 mm, neodymium magnet, copper-clad aluminum wire voice coil
Microphone Element	Dynamic
Microphone Polar Pattern	Cardioid
Frequency Response	Headphone: 20-20,000 Hz Microphone: 40-20,000 Hz
Open circuit sensitivity	Microphone: -57 dB (1.4 mV) re 1V at 1 Pa
Sensitivity	Headphone: 100 dB
Maximum Input Power	1,600 mW at 1 kHz
Impedance	Headphone: 65 ohms Microphone: 560 ohms
Weight	264 g
Dimensions	82.0 mm wide (earcup); 46.0 mm wide (headband); 180.1 mm long (boom), microphone extended; 24.0 mm diameter (microphone)
Cable	3.3 m long with 8-pin connector at headset end; 3-pin XLRM-type connector (microphone) and 6.3 mm phone plug (headphone) outputs
Accessories Included	3 windscreens; spare connector screw

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

broadcast & production



Polar pattern



Frequency Response





SOFT-ZEP

SOFT-ZEP SERIES

Soft-Zep for ultimate windnoise protection.

- Comfortable hand grip
- Extremely light weight
- Neutrik XLR 3 pin connectors
- 3/8 inch boom-pole mount



WINDSHIELD

WINDSHIELD SERIES

Complete encapsulated Windshield system, for quick and easy application in the field and superior windnoise reduction.



FUR SOCKS

FUR SOCKS SERIES

Pull-on Fur Socks fit over an existing foam, windshield for enhanced windnoise protection.

	WIND	light	normal	strong	extreme	MOUNT	hand held integrated	hand held with external grip	camera mount	stand mount	boom pole
SOFT-ZEP SERIES			●	●	●		●	-	●(*)	●	●
WINDSHIELD SERIES		●	●	●			-	●	●	●	●
FUR SOCKS SERIES		●	●				-	●	●	●	●

soft-zep series (PC 350-MC 410)

The Soft-Zep is lightweight, robust and simple to use and has a permanently mounted high quality fur windcover around a an open cell foam core and a very comfortable hand grip made from Kraton rubber with soft gel inserts. A thread in the base of the handle allows a boom pole to be attached. The rubber handle can be easily removed and the microphone cable threaded through the handle so it is out of the way.

A special handle is also available as an accessory, which has a built in XLR connector in the base. For ease of use, the microphone is simply inserted into the rear of the Soft-Zep in the same way as a "Windshield".

Soft-Zep features:

- Models available to fit virtually all shotgun microphones.
- Neutrik XLR connectors.
- Quick and easy to switch microphones.
- No bayonets, screws or fiddly microphone holders to wrestle with.

BPZ-M

188,00 € Soft-Zep serie system with permanently mounted fur windcover and pistol grip
Length 310 mm - weight 360g (without cable)
Boom pole mount : 3/8 inch.
Connectors : Neutrik XLR 3 pin

BPZ-L

188,00 € Soft-Zep serie system with permanently mounted fur windcover and pistol grip
Length 360 mm - weight 400g (without cable)
Boom pole mount : 3/8 inch.
Connectors : Neutrik XLR 3 pin

BPZ-XL

188,00 € Soft-Zep system with permanently mounted fur windcover and pistol grip
Length 490 mm - weight 450g (without cable)
Boom pole mount : 3/8 inch.
Connectors : Neutrik XLR 3 pin



BPZ-M



BPZ-L



BPZ-XL

SOFT-ZEP SERIES	shotguns	AT8015	AT8035	AT875R	AT897	BP4073	BP4071	BP4071L	BP4027	BP4029
BPZ-M			•	•	•	•				•
BPZ-L	•						•		•	
BPZ-XL								•		

broadcast & production

broadcast & production

Complete encapsulated windshield systems

The Windshield is perfect for camera, boom or handheld microphones where speed of mounting and outstanding performance is required. The Windshield is especially for ENG, Drama, Film due to speed of application, noise free microphone changes and light weight. The microphone is quickly and easily withdrawn for filter switch changes.

Unique construction

The Windshield has a foam core of 20PPi open cell foam which gives enhanced windnoise reduction while giving optimum high frequency performance. The fur covering is a 30mm synthetic fur, especially chosen for its acoustic properties and light weight. The Windshield end cap is made of neoprene with genuine soft black leather trim for a snug fit and attractive finish.

windshield series (PC 351-MC 410)

BPW-120

74,00 € Complete Windshield system – Length 120 mm

BPW-180

74,00 € Complete Windshield system – Length 180 mm

BPW-250

74,00 € Complete Windshield system – Length 250 mm

BPW-330

74,00 € Complete Windshield system – Length 330 mm

BPW-365

74,00 € Complete Windshield system – Length 365 mm

BPW-470

74,00 € Complete Windshield system – Length 470 mm

BPW-1

74,00 € Windscreen for reporter microphones – Length 95 mm



WINDSHIELD SERIES	shotguns										Interview mikes	
	AT8015	AT8035	AT875R	AT897	BP4073	BP4071	BP4071L	BP4027	BP4029		AT8004	AT8004L
BPW-120			•									
BPW-180				•	•				•			
BPW-250		•										
BPW-330	•							•				
BPW-365						•						
BPW-470							•					
BPW-1											•	•

fur socks series (PC 350-MC 410)

Windscreens for broadcast and production microphones

Fur Socks are used most often when the supplied foam windshield is not adequate in windy conditions.
Fur Socks are easily pulled over the existing foam and are fastened with velcro.

BPF-120

36,00 € Fur Socks for shotgun microphones
Length 120 mm

BPF-175

36,00 € Fur Socks for shotgun microphones
Length 175 mm

BPF-250

36,00 € Fur Socks for shotgun microphones
Length 250 mm

BPF-340

38,00 € Fur Socks for shotgun microphones
Length 340 mm

BPF-470

38,00 € Fur Socks for shotgun microphones
Length 470 mm

BPF-2

36,00 € Fur Socks for field microphones
Length 125 mm

BPF-LAV

12,00 € Fur Socks for lavalier microphones

broadcast & production



BPF-LAV



FUR-SOCKS SERIES	shotguns	AT8015	AT8035	AT875R	AT897	BP4073	BP4071	BP4071L	BP4027	BP4029	field mics	AT8022	BP4025	BP4001	BP4002	lavaliers	AT831	AT898	AT899	BP896
BPF-120				•																
BPF-175					•	•				•										
BPF-250		•																		
BPF-340	•						•		•											
BPF-470								•												
BPF-2											•	•	•							
BPF-LAV																	•	•	•	•

broadcast & production microphones application guide

	AT4071a	AT4073a	BP4027	BP4029	AT8015	AT8035	AT897	AT875R	AT892 ⁽⁶⁾	AT898 ⁽⁶⁾	AT899 ⁽⁶⁾	AT803 ⁽⁶⁾	AT831 ⁽⁶⁾	MT830 ⁽⁶⁾	MT350b ⁽⁶⁾	MT838b ⁽⁶⁾	AT8031	AT8033	AT8022	BP4025	BP4001	BP4002	AT8010	AT8004	AT8004L	AT808G
THEATRE & MUSIC HALL																										
Stage overheads	★	★			●	●		●									●	●					●			
Ambience			●	●				●										★		●	★		★			
Stage floor ⁽²⁾										★	★	★	●		●			●		●	★					
Actor									★	★	★		●		●											
Singer								●		★	●															
Speaker									●	●	●		●		●											
FILM PRODUCTION																										
Boom ⁽⁴⁾	●	●					★											●								
Lavalier										★	★	●	●	●	●	●										
Ambience	●	●	●	●			●				★							●	●		★		★			
Long Distance Pick up	●	●	●	●	●	●	●																			
FIELD TV																										
Interview and Reporter ⁽⁵⁾					●	●		●									●					★		●	★	
Camera mount							★	●											●	●						
Stereo recording			●	●															●		★					
Long Distance Pick up	●	●	●	●	●	●	●																			
STUDIO TV																										
Long Distance Pick up	●	●	●	●			●																			
Live Music ⁽¹⁾													●				★	●								
Interview									●	●	★	●	★	●	●	●	★	★								
Newscaster / Presenter							●		●	●	★						●									
Camera Mount							●												●	●						
Audience Ambience			●	●														★	●	★			★			
Talk-back																										●
RADIO STATION																										
Field Interview & Reporter					●	●		●									★					★		●	★	
Studio Newscaster ⁽³⁾																	●	●								
Radio Studio host ⁽³⁾																	●		●							
AUDIO-VISUAL																										
Camcorder Mount							●	●											●		★					
Ambient Recording																		★	●	★			★			

(1) See live sound and Studio microphones (2) See UniPoint U851& U841 page 76 (3) See AT4047 page 8 and Studio Microphones application chart page 22.

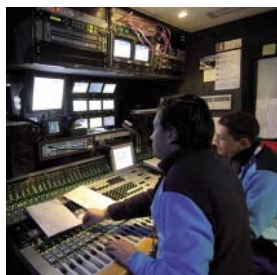
(4) See AE5100 page 27 (5) See Artist Elite Wireless page 102 (6) Exists in Wireless version

This application chart is a guide to selecting an Audio-Technica microphone for a specific application.

Feel free to experiment with different microphone options as we realise the importance of personal taste and the acoustic environment.

Our Recommendation ●

Best Choice ★





ES905CL Cardioid rigid-pipe condenser microphone

installed sound microphones

unipoint®

The first and still the best miniature condenser installed-sound microphones on the market. UniPoint® sound-reinforcement solutions make speech and music clearly and comfortably audible, yet never draw attention to themselves or their operation. Regardless of acoustic constraints, they achieve maximum clarity and help overcome auditory distractions with natural, easy-to-listen-to sound.

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propoint

Designed for sound reinforcement, broadcasting and recording, ProPoint miniature condenser microphones bring crisp, intelligible audio reproduction to the podium, stage, conference table and beyond. These pro-audio boundary, hanging and gooseneck microphones are engineered to meet every sound-installation challenge. ProPoint microphones make speech and music clearly and comfortably audible, yet never draw attention to themselves or their operation. With sleek, compact designs, they offer low-profile appearance, uncompromising sound quality and versatile miking choices for every application.

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engineered sound microphones

Engineered Sound microphones have been the first choice of leading contractors and system integrators at the highest level of broadcast and installation. Includes UniGuard™ RFI immunity protecting the microphones from any RF interference from mobile phone beeps to laptop buzzes. The discreet size and look of the engineered sound microphone means the best quality of sound is available with the least visibility. Includes gooseneck microphones with interchangeable capsules, ultra low profile boundary, hanging, lavalier clip-on and handheld microphones.

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application guide

page 86



UniGuard™

NEW

U855QLCardioid Dynamic
Gooseneck
Microphone

U855QL

U857QU

U857QLU

U857QL

U859QL

U857Q

unipoint® gooseneck microphones (PC 310-MC 230)

UniPoint® adjustable gooseneck microphones are the flexible choice for boardroom, school, government, house of worship and other installed applications worldwide. These distinctive, durable mics feature an improved small-diameter gooseneck with virtually no "memory." The ultra-flexible, robust design permits easy adjustment into desired shape while resisting inadvertent repositioning: When you move the gooseneck, it stays put. Equipped with A-T's innovative UniGuard™ (On all **UniPoint®** gooseneck microphones except **U859QL**) technology, the new **UniPoint®** gooseneck microphones deliver unsurpassed immunity from radio frequency interference. All gooseneck microphones in the line also feature an 80 Hz UniSteep® filter that reduces pickup of unwanted low-frequency ambient noise. A two-stage foam windscreen yields outstanding resistance to P-pops and other breath blasts.

QUICK-MOUNT (XLR) GOOSENECK MICROPHONES PHANTOM POWER ONLY

Quick-mount design plugs into any standard XLR-type surface or cable connector.

U857Q

252,00 € Cardioid condenser quick-mount gooseneck microphone - Overall length of 36.5cm

U857QU288,00 € UniLine™ condenser quick-mount gooseneck microphone
Narrow 90° acceptance angle; overall length of 48.7 cm**U857QL**256,00 € Cardioid condenser quick-mount gooseneck microphone
Long version of U857Q; overall length of 48.1 cm**U857QLU**292,00 € UniLine™ condenser quick-mount gooseneck microphone
Long version of U857QU; overall length of 60.3 cm**U859QL**186,00 € Cardioid condenser quick-mount gooseneck microphone - Overall length of 48 cm
Not equipped with **UniGuard™** technology

Designed for use as a high-quality talk-back, paging and dispatch microphone in entertainment, commercial and industrial applications, the **U855QL** features a versatile gooseneck design allows for flexible positioning and dependable performance. Its tailored frequency response ensures excellent intelligibility in environments with excessive ambient noise. An XLRM-type connector insert at the base allows the microphone to be plugged directly into an XLR-type panel jack or microphone cable.

- Extremely rugged all-metal construction for long-lasting performance
- Quick-mount design with 3-pin XLRM-type connector insert at base plugs into any standard XLR-type surface or cable connector
- Low-profile element provides uniform cardioid polar pattern with 120° acceptance angle
- Easy-to-adjust, rugged gooseneck permits quick positioning
- Frequency response tailored for excellent intelligibility in environments with excessive ambient noise
- Polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source
- Protective screen reduces wind noise and "popping" when used extremely close

QUICK-MOUNT (XLR) DYNAMIC GOOSENECK MICROPHONES**U855QL**

89,00 € Cardioid dynamic gooseneck microphone - Overall length of 44.8 cm.

Specifications	U857Q (QL)	U857QU (QLU)	U859QL	U855QL
Element	Polarized condenser	Polarized condenser	Polarized condenser	Dynamic
Polar Pattern	Cardioid	Line cardioid	Cardioid	Cardioid
Frequency Res ponse	30-20,000 Hz	30-20,000 Hz	100-16,000 Hz	150-16,000 Hz
Open Circuit Sensitivity (re 1V at 1 Pa*)	-39 dB (11.2 mV)	-35 dB (17.7 mV)	-43 dB (7.0 mV)	-53 dB (2.2 mV)
Impedance	250 Ω	250 Ω	250 Ω	600 Ω
Max. Input Sound Level	139 dB SPL, 1 kHz at 1% T.H.D.	135 dB SPL, 1 kHz at 1% T.H.D.	140 dB SPL, 1 kHz at 1% T.H.D.	
Dynamic Range (typical)	115 dB, 1 kHz at Max SPL	115 dB, 1 kHz at Max SPL	111 dB, 1 kHz at Max SPL	
Signal-to-Noise Ratio	70 dB, 1 kHz at 1 Pa	74 dB, 1 kHz at 1 Pa	65 dB, 1 kHz at 1 Pa	
Low Frequency Roll-Off	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave	
Power Requirement (phantom only)	11-52V DC, 2 mA	11-52V DC, 2 mA	11-52V DC, 2 mA	
Weight (less accessories)	144 grams	161 grams	152 grams	278 grams
Dimensions	Ø head: 12.2 mm - base: 18.9 mm	Ø head: 12.2 mm - base: 18.9 mm	Ø head: 12.3 mm - base: 18.9 mm	head: 30.0 - base: 19.0 mm
Output Connector	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type
Accessories Furnished	AT8153 two-stage foam windscreen; AT8662 shock mount	AT8154 two-stage foam windscreen; AT8662 shock mount	AT8153 two-stage foam windscreen	

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

unipoint® gooseneck microphones (PC 310-MC 230)

ADAPTER-MOUNT GOOSENECK MICROPHONES BATTERY OR PHANTOM POWER
Direct mounts to any 5/8"-27 stand.

U857AL

330,00 € Cardioid condenser adapter-mount gooseneck microphone
Overall length of 42 cm.

U857AU

366,00 € UniLine™ condenser adapter-mount gooseneck microphone
Narrow 90° acceptance angle; overall length of 42.7 cm.

ADAPTER-MOUNT GOOSENECK MICROPHONES PHANTOM POWER ONLY
Direct mounts to any 5/8"-27 stand.

U857R

266,00 € Cardioid condenser adapter-mount gooseneck microphone
Overall length of 30 cm.

U857RU

302,00 € UniLine™ adapter-mount gooseneck microphone
Narrow 90° acceptance angle; overall length of 42.7 cm.

U857RL

266,00 € Cardioid condenser adapter-mount gooseneck microphone
Long version of U857R; overall length of 42 cm.

U857RLU

302,00 € UniLine™ adapter-mount gooseneck microphone
Long version of U857RU; overall length of 54.3 cm.



UniGuard™



Specifications	U857AL (AU)	U857R (RL)	U857RU (RLU)
Element	Polarized condenser	Polarized condenser	Polarized condenser
Polar Pattern	Cardioid (Line cardioid)	Cardioid	Line cardioid
Frequency Response	30-20,000 Hz	30-20,000 Hz	30-20,000 Hz
Open Circuit Sensitivity	Phantom: -42 dB (7.9 mV), re 1V at 1 Pa* Battery: -43 dB (7.0 mV), re 1V at 1 Pa*	-39 dB (11.2 mV), re 1V at 1 Pa*	-35 dB (17.7 mV), re 1V at 1 Pa*
Impedance	Phantom: 200 Ω - Battery: 270 Ω	250 Ω	250 Ω
Max. Input Sound Level	Phantom: 133 dB SPL, 1 kHz at 1% T.H.D. Battery: 123 dB SPL, 1 kHz at 1% T.H.D.	139 dB SPL, 1 kHz at 1% T.H.D.	135 dB SPL, 1 kHz at 1% T.H.D.
Dynamic Range (typical)	Phantom: 109 dB, 1 kHz at Max SPL Battery: 99 dB, 1 kHz at Max SPL	115 dB, 1 kHz at Max SPL	115 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio	70 dB, 1 kHz at 1 Pa*	70 dB, 1 kHz at 1 Pa*	74 dB, 1 kHz at 1 Pa*
Low Frequency Roll-Off	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave
Power Requirement	11-52V DC, 2 mA or 1.5V AA/UM3	11-52V DC, 2 mA (phantom only)	11-52V DC, 2 mA (phantom only)
Weight (less accessories)	131 grams (4.6 oz)	124 grams (4.4 oz)	141 grams (9.4 oz)
Dimensions	Ø head: 12.2 mm - 421mm long	Ø head: 12.2 mm - base: 18.9 mm	Ø head: 12.2 mm - 427mm long
Output Connector	3-pin XLRM-type	3-pin XLRM-type	3-pin XLRM-type
Cable	3.0 m long (permanently attached to microphone), 3.2 mm Ø, 2-conductor shielded cable with TA3F-type connector	3.0 m long (permanently attached to microphone), 3.2 mm Ø, 2-conductor shielded cable with TA3F-type connector	3.0 m long (permanently attached to microphone), 3.2 mm Ø, 2-conductor shielded cable with TA3F-type connector
Accessories Furnished	AT8531 power module; AT8153 two-stage foam windscreen; AT8663 A-mount flange; AT8664 A-mount cable pass-through adapter; battery	AT8538 power module; AT8663 A-mount flange; AT8664 A-mount cable pass-through adapter; AT8153 two-stage foam windscreen	AT8538 power module; AT8663 A-mount flange; AT8664 A-mount cable pass-through adapter; AT8154 two-stage foam windscreen

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL



UniGuard™

U853A - U853R



U853AW - U853RW



U853AU - U853RU



U853AWU - U853RWU



unipoint® hanging microphones (PC 310-MC 230)

Maintaining the Audio-Technica tradition of clear and transparent sound quality, the new **UniPoint®** overhead microphones are ideal for speech, theatre, orchestra and choir sound reinforcement and recording. With robust construction, unobtrusive appearance, and unsurpassed immunity to radio frequency interference, these hanging mics offer sophisticated and versatile sound-reinforcement solutions. Equipped with A-T's new UniGuard™ technology, the new **UniPoint®** hanging microphones offer unsurpassed immunity from radio frequency interference. All hanging microphones in the line feature an 80 Hz UniSteeep® filter that reduces pickup of low-frequency ambient noise, while preserving a full sound.

BATTERY OR PHANTOM POWERED MICROPHONES

U853A

290,00 € Cardioid condenser hanging microphone
Low-reflectance black finish.

U853AW

298,00 € Cardioid condenser hanging microphone
White version of U853A.

U853AU

326,00 € UniLine™ condenser hanging microphone
Narrow 90° acceptance angle; low-reflectance black finish.

U853AWU

334,00 € UniLine™ condenser hanging microphone
White version of U853AU.

PHANTOM POWERED ONLY MICROPHONES

U853R

255,00 € Cardioid condenser hanging microphone
Low-reflectance black finish.

U853RW

263,00 € Cardioid condenser hanging microphone
White version of U853R.

U853RU

291,00 € UniLine™ condenser hanging microphone
Narrow 90° acceptance angle; low-reflectance black finish.

U853RWU

299,00 € UniLine™ condenser hanging microphone
White version of U853RU.

Specifications	U853A - U853AW (U853AU - U853AWU)	U853R - U853RW (U853RU - U853RWU)
Element	Permanently polarized condenser	Permanently polarized condenser
Polar Pattern	Cardioid (line cardioid for U853AU and U853AWU)	Cardioid (line cardioid for U853RU and U853RWU)
Frequency Response	30-20,000 Hz	30-20,000 Hz
Open Circuit Sensitivity	Phantom: -42 dB (7.9 mV), re 1 V at 1 Pa* Battery: -43 dB (7.0 mV), re 1 V at 1 Pa*	-39 dB (11.2 mV) re 1 V at 1 Pa*
Impedance	Phantom: 200 Ω - Battery: 270 Ω	250 Ω
Max. Input Sound Level	Phantom: 133 dB SPL, 1 kHz at 1% T.H.D. Battery: 123 dB SPL, 1 kHz at 1% T.H.D.	139 dB SPL, 1 kHz at 1% T.H.D.
Dynamic Range (Typical)	Phantom: 109 dB, 1 kHz at Max SPL Battery: 99dB, 1 kHz at Max SPL	115 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio	70 dB, 1 kHz at 1 Pa*	70 dB 1 kHz at 1 Pa*
Low Frequency Roll-Off	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave
Power Requirement	11-52V DC or battery 1.5V AA	11-52V DC phantom power only, 2 mA typical
Weight (less accessories)	14 grams	14 grams
Dimensions	34 mm long; Ø 12.2 mm	34 mm long; Ø 12.2 mm
Output Connector	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type
Accessories Furnished	AT8153 (A - AW) and AT8154 (AU - AWU) Windscreen AT8451 Steel hanger; Cable 7.6 m long - 3.2 mm Ø; AT8531 Power module; AT8438 Stand adapter for 5/8"-27 stands	AT8153 (R - RW) and AT8154 (RU - RWU) Windscreen AT8451 Steel hanger; Cable 7.6 m long - 3.2 mm Ø AT8538 Power module; AT8438 Stand adapter for 5/8"-27 stands

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

unipoint® microphones & elements (PC 310-MC 230)

U873R

229,00 € Handheld Hypercardioid Condenser Microphone

The **U873R UniPoint®** hypercardioid condenser microphone is equipped with Audio-Technica's UniGuard™ technology for unsurpassed immunity from radio frequency interference. It also features an 80 Hz UniSteep® filter that reduces pickup of unwanted low-frequency ambient noise. New interchangeable elements permit selection of angle of acceptance from 100° to 360°.



U873R

Specifications	U873R
Element	Polarized condenser
Polar Pattern	Hypercardioid
Frequency Response	70-20,000 Hz
Open Circuit Sensitivity	-41 dB (8.9 mV), re 1V at 1 Pa*
Impedance	200 Ω
Max. Input Sound Level	155 dB SPL, 1 kHz at 1% T.H.D.
Dynamic Range (typical)	131 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio	70 dB, 1 kHz at 1 Pa*
Low Frequency Roll-Off	80 Hz, 18 dB/octave
Power Requirement	11-52V DC, 3 mA (phantom only)
Weight (less accessories)	160 grams
Dimensions	L: 156.7 mm - Ø: 37.7 mm
Output Connector	3-pin XLRM-type
Accessory Furnished	AT8122 foam windscreen; AT8405a stand clamp for 5/8"-27 threaded stands; soft protective pouch

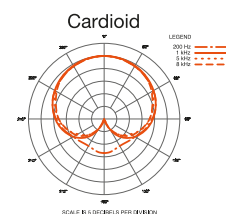
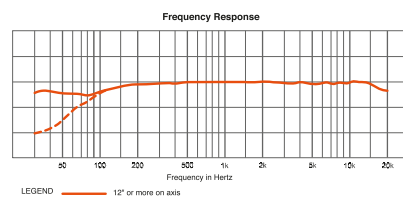
*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

new unipoint® interchangeables elements

New interchangeable elements are also compatible with first-generation **UniPoint®** microphones.

UE-C

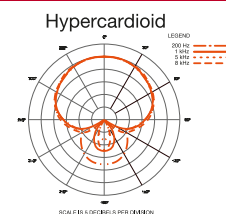
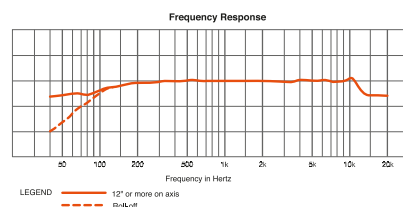
92,00 € Cardioid element only, 120° pickup pattern.



UE-C

UE-H

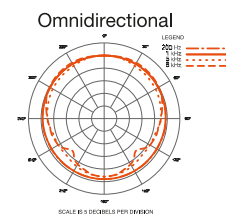
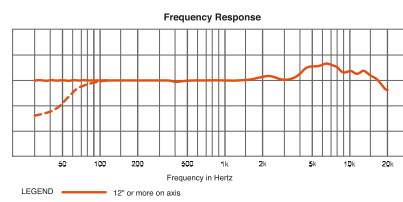
92,00 € Hypercardioid element only, 100° pickup pattern.



UE-H

UE-O

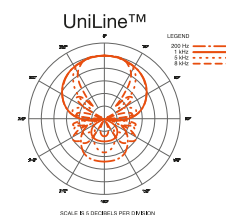
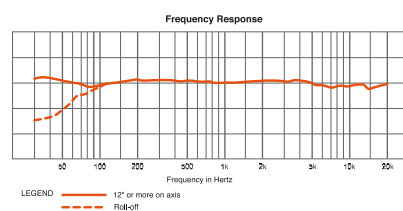
92,00 € Omnidirectional element only, 360° pickup pattern.



UE-O

UE-UL

128,00 € UniLine™ **UniPoint®** element only, 90° pickup pattern.
UniPoint® UniLine™ element are only compatible with U853 and U857 models.



UE-UL



PivotPoint™

Engineered for maximum flexibility, the new **UniPoint®** boundary mic housing incorporates PivotPoint™ (On all **UniPoint®** boundary microphone models except the U841A), a unique rotating output connector that allows the cable to exit from either the back or the bottom of the microphone.



unipoint® boundary microphones (PC 310-MC 230)

INSTALLATION FLEXIBILITY

On conference tables, in houses of worship, in theatre applications and beyond, **UniPoint®** boundary microphones are recognized for outstanding speech intelligibility and transparent sound quality. With superior off-axis rejection and maximum gain-before-feedback, these professional microphones set audio-quality standards in challenging acoustic environments.

The new generation of **UniPoint®** boundary microphones incorporates Audio-Technica's latest RFI-shielding innovations: breakthrough UniGuard™ technology offers unsurpassed immunity from radio frequency interference.

The microphones' low-profile design assures inconspicuous appearance for surface-mount use in boardroom, school, government, house of worship and other installed applications.

The **U891R**, **U891RW** and **U891RC** boundary mics are equipped with programmable switches and LED status indicators for easy, flexible control in conference and boardroom installations. Innovative new interchangeable cardioid, hypercardioid and omnidirectional elements offer superior on- and off-axis response, resulting in exceptional sonic quality.

U841A

298,00 € Omnidirectional condenser boundary microphone
Operates on battery or phantom power; low-reflectance black finish.

U851A

290,00 € Cardioid condenser boundary microphone
Operates on battery or phantom power; low-reflectance black finish.

U851R

266,00 € Cardioid condenser boundary microphone
Operates on phantom power only; low-reflectance black finish.

U851RW

266,00 € Cardioid condenser boundary microphone
White version of U851R.

Specifications	U841A	U851A	U851R (RW)
Element	Polarized condenser	Polarized condenser	Polarized condenser
Polar Pattern	Omnidirectional in hemisphere above mounting surface	Half-cardioid (cardioid in hemisphere above mounting surface)	Half-cardioid (cardioid in hemisphere above mounting surface)
Frequency Response	30-20,000 Hz	30-20,000 Hz	30-20,000 Hz
Open Circuit Sensitivity	Phantom: -39 dB (11.2 mV), re 1V at 1 Pa* Battery: -40 dB (10.0 mV), re 1V at 1 Pa*	-40 dB (10.0 mV), re 1V at 1 Pa* -41 dB (8.9 mV), re 1V at 1 Pa*	-34 dB (19.9 mV), re 1V at 1 Pa*
Impedance	Phantom: 200 Ω Battery: 270 Ω	200 Ω 270 Ω	200 Ω
Max. Input Sound Level	Phantom: 132 dB, 1 kHz at 1% T.H.D. Battery: 122 dB, 1 kHz at 1% T.H.D.	133 dB, 1 kHz at 1% T.H.D. 123 dB, 1 kHz at 1% T.H.D.	134 dB, 1 kHz at 1% T.H.D.
Dynamic Range (typical)	Phantom: 111 dB, 1 kHz at Max SPL Battery: 101 dB, 1 kHz at Max SPL	111 dB, 1 kHz at Max SPL 101 dB, 1 kHz at Max SPL	108 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio	73 dB, 1 kHz at 1 Pa*	72 dB, 1 kHz at 1 Pa*	68 dB, 1 kHz at 1 Pa*
Low Frequency Roll-Off	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave
Power Requirement	11-52V DC, 2 mA or 1.5V AA/UM3	11-52V DC, 2 mA or 1.5V AA/UM3	11-52V DC, 4 mA (phantom only)
Weight (less accessories)	78 grams (2.8 oz)	244 grams (8.6 oz)	262 grams (9.2 oz)
Dimensions	Ø 65.0 - h : 15.1 mm	108.0 x 84.0 x 23.0 mm	108.0 x 84.0 x 23.0 mm
Output Connector	3-pin XLRM-type	3-pin XLRM-type	TB3M-type
Accessories Furnished	AT8531 power module; battery; soft protective pouch	AT8531 power module; battery; soft protective pouch	Soft protective pouch

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

unipoint® boundary microphones with switch (PC 310-MC 230)

Designed for surface-mount applications such as high-quality sound reinforcement, professional recording, television, conferencing and other demanding sound pickup situations

- An activation switch can be set to any of three operating modes: “touch-on/ touch-off,” “touch-to-talk” and “touch-to-mute”
- External LED control allows for accurate depiction of the live status of the microphone
- **PivotPoint**® rotating output connector allows cable to exit from either the rear or the bottom of the microphone
- Superior off-axis rejection for maximum gain before feedback
- **UniGuard**® RFI-shielding technology offers outstanding rejection of radio frequency interference (RFI)
- Small-diameter **UniPoint**® capsule near boundary eliminates phase distortion and delivers clear, high-output performance
- Heavy die-cast case and non-slip silicone foam bottom pads minimize coupling of surface vibration to the microphone
- Low-profile design with low-reflectance finish for minimum visibility
- Improved switch design

U891Rx 299,00 €

Cardioid condenser boundary microphone with switch

On-off switch can be set to three modes: touch-on/touch-off, press to talk, and press to mute. Operates on phantom power only; red LED status indicator; low-reflectance black finish.

U891RWx 299,00 €

Cardioid condenser boundary microphone with switch

White version of U891Rx.

U891RCx 324,00 €

Cardioid condenser boundary microphone with switch

External contact closure switch allows user to control a remote device – a camera, for instance – from a switch on the microphone. Red LED status indicator can be controlled remotely. On-off switch can be set to three modes: touch-on/touch-off, press to talk, and press to mute. Operates on phantom power only; low reflectance.

U843R 420,00 €

Three channel boundary cardioid condenser microphone

Three cardioid condenser elements are mounted in the U843R's housing, by default set with an angle of 120degrees between them to give complete 360 degree coverage. For added flexibility, two of the three elements may be reoriented to give angles of 90/90/180 degrees between elements – suited to positioning at the end of long conference tables for example. Elements can also be powered and used individually, or in any combination.

- Each element can be powered and used individually or in any combination.
- Designed for surface-mount applications such as highquality sound reinforcement and provide total coverage of round table or longer table with fewer microphones.
- U843R is ideal for a variety of video and audio conferencing application, especially when used with an Audio-Technica automatic SmartMixer™.
- Small-diameter UniPoint capsule near boundary eliminates phase distortion and delivers clear, high-output performance.
- UniGuard™ RFI-shielding technology offers outstanding rejection of radio frequency interference (RFI).
- Heavy die-cast case and non-slip silicon foam bottom pads minimize coupling of surface vibration to the microphone.
- Low-profile design with low-reflectance finish for minimum visibility.

Specifications	U891Rx (RWx)	U891RCx	U843R
Element	Fixed-charge back plate, permanently polarized condenser		Polarized condenser
Polar Pattern	Half-cardioid (cardioid in hemisphere above mounting surface)		Hemispherical Cardioid x3 (combine to omni-directional or bidirectional)
Frequency Response	30-20,000 Hz	30-20,000 Hz	70-16,000 Hz
Low Frequency Roll-Off	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave	
Open Circuit Sensitivity	-34 dB (19.9 mV) re 1V at 1 Pa	-34 dB (19.9 mV) re 1V at 1 Pa	-37 dB (14.1 mV) re 1V at 1 Pa*
Impedance	200 Ω	200 Ω	100 Ω
Max. Input Sound Level	130 dB SPL, 1 kHz at 1% T.H.D.	130 dB SPL, 1 kHz at 1% T.H.D.	134 dB SPL, 1 kHz at 1% T.H.D.
Dynamic Range (typical)	104 dB, 1 kHz at Max SPL	104 dB, 1 kHz at Max SPL	105 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio	68 dB, 1 kHz at 1 Pa	68 dB, 1 kHz at 1 Pa	65 dB, 1 kHz at 1 Pa*
Power Requirement	11-52V DC, 4 mA typical	11-52V DC, 4 mA typical	11-52V DC, 2mA typical (phantom only)
Switches	Activation: on/off; Switch function: press on/off, momentary on, momentary off; Flat, roll-off		The lever of elements can adjust the proper position
Weight (less accessories)	264 g	266 g	160 g
Dimensions	108.0 mm max length, 84.0 mm max width, 23.0 mm max height		20.0 mm - height 85.0 mm - maximum body diameter
Output Connector	TB3M-type	TB5M-Type	3-pin XLRM-type
Cable	7.6 m long, 3.2 mm Ø, 2-conductor, shielded cable with TA3F-type and XLRM-type connectors	7.6 m long, 3.2 mm Ø, 5-conductor shielded cable (2 conductors under shield; 3 control wires outside shield); TA5F-type connector at microphone end, output end stripped and tinned for connection to electronic device	7.6 m long (permanently attached to microphone), 4 mm diameter, 6 conductor, shielded cable; output end stripped and tinned for connection to electronic device
Optional			
Interchangeable Elements	UE-O omnidirectional (360°) - UE-H hypercardioid (100°)		
Accessory Furnished	Soft protective pouch	Soft protective pouch	Soft protective pouch

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

unipoint



UniGuard™



U891Rx and U891RCx



U891RWx



U843R

Designed for sound reinforcement, broadcasting and recording, ProPoint miniature condenser microphones bring crisp, intelligible audio reproduction to the podium, stage, conference table and beyond. These pro-audio boundary, hanging and gooseneck microphones are engineered to meet every sound-installation challenge. ProPoint microphones make speech and music clearly and comfortably audible, yet never draw attention to themselves or their operation. With sleek, compact designs, they offer low-profile appearance, uncompromising sound quality and versatile miking choices for every application.

BOUNDARY MICROPHONES

PRO 42

99,00 €

Miniature unidirectional condenser boundary microphone

- 7.6 m cable with XLRM-type output connector.
- Dimensions 36.6mm x 54.3mm x 15.5mm

PRO 44

129,00 €

Unidirectional condenser boundary microphone

- Includes 7.6 m cable with TA3F connector; XLRM-type connector at equipment end.
- Dimensions 73mm x 90.5mm x 15mm

HANGING MICROPHONES

PRO 45

109,00 €

Cardioid condenser hanging microphone

- 7.6 m cable with XLRM-type output connector. Includes AT8146 windscreen and AT8451 steel hanger.

PRO 45W

139,00 €

White finished version of PRO45

White cable with XLRM-type output connector. Includes AT8146 (WH) windscreen and AT8451 (WH) steel hanger.

Specifications	PRO 42	PRO 44	PRO 45 / PRO 45W
Element	Condenser	Condenser	Condenser
Polar Pattern	Half-cardioid	Half-cardioid	Cardioid
Frequency Response	70-14,000 Hz	70-16,000 Hz	70-16,000 Hz
Open Circuit Sensitivity	-38 dB (12.5 mV), re 1V at 1 Pa*	-25 dB (56.2 mV), re 1V at 1 Pa*	-37 dB (14.1 mV), re 1V at 1 Pa*
Impedance	100 Ω	100 Ω	100 Ω
Maximum Input Sound Level	134 dB, 1 kHz at 1% T.H.D.	114 dB, 1 kHz at 1% T.H.D.	134 dB, 1 kHz at 1% T.H.D.
Signal-to-Noise Ratio	65 dB 1 kHz at 1 Pa	66 dB 1 kHz at 1 Pa	66 dB 1 kHz at 1 Pa
Dynamic Range	105 dB, 1 kHz at Max. SPL	86 dB, 1 kHz at Max. SPL	106 dB, 1 kHz at Max. SPL
Phantom Power Requirement	9-52V DC 2 mA typical	9-52V DC 2 mA typical	9-52V DC 2 mA typical

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL



GOOSENECK MICROPHONES

PRO 47T

139,00 € Cardioid condenser thread-mount gooseneck microphone attaches to 5/8"-27 thread

- 3 m cable with XLRM-type output connector. 315 mm long. Includes AT8146 windscreen and AT8425 threaded mounting stud

PRO 47TL

149,00 € Cardioid condenser thread-mount gooseneck microphone attaches to 5/8"-27 thread

- 3 m cable with XLRM-type output connector. 401 mm long. Includes AT8146 windscreen and AT8425 threaded mounting stud

PRO 49Q

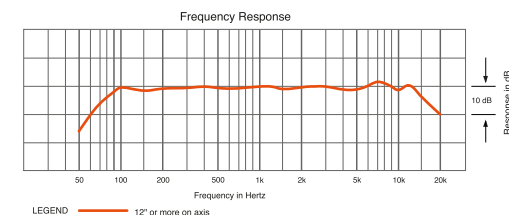
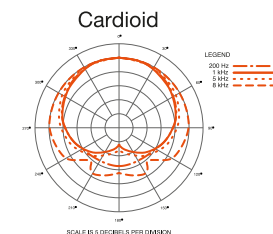
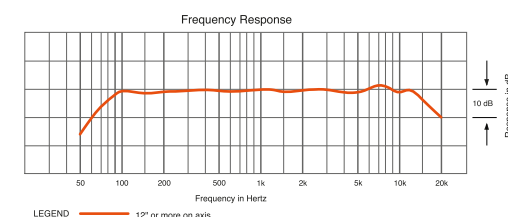
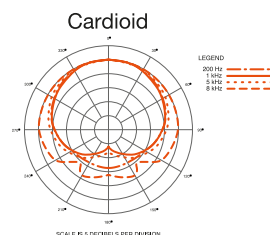
119,00 € Cardioid condenser quick-mount gooseneck microphone

- Plugs directly into a panel- or desk-mounted XLRF-type connector, or to a standard XLRF-type microphone cable 332 mm long. Includes AT8146 windscreen.

PRO 49QL

129,00 € Cardioid condenser quick-mount gooseneck microphone

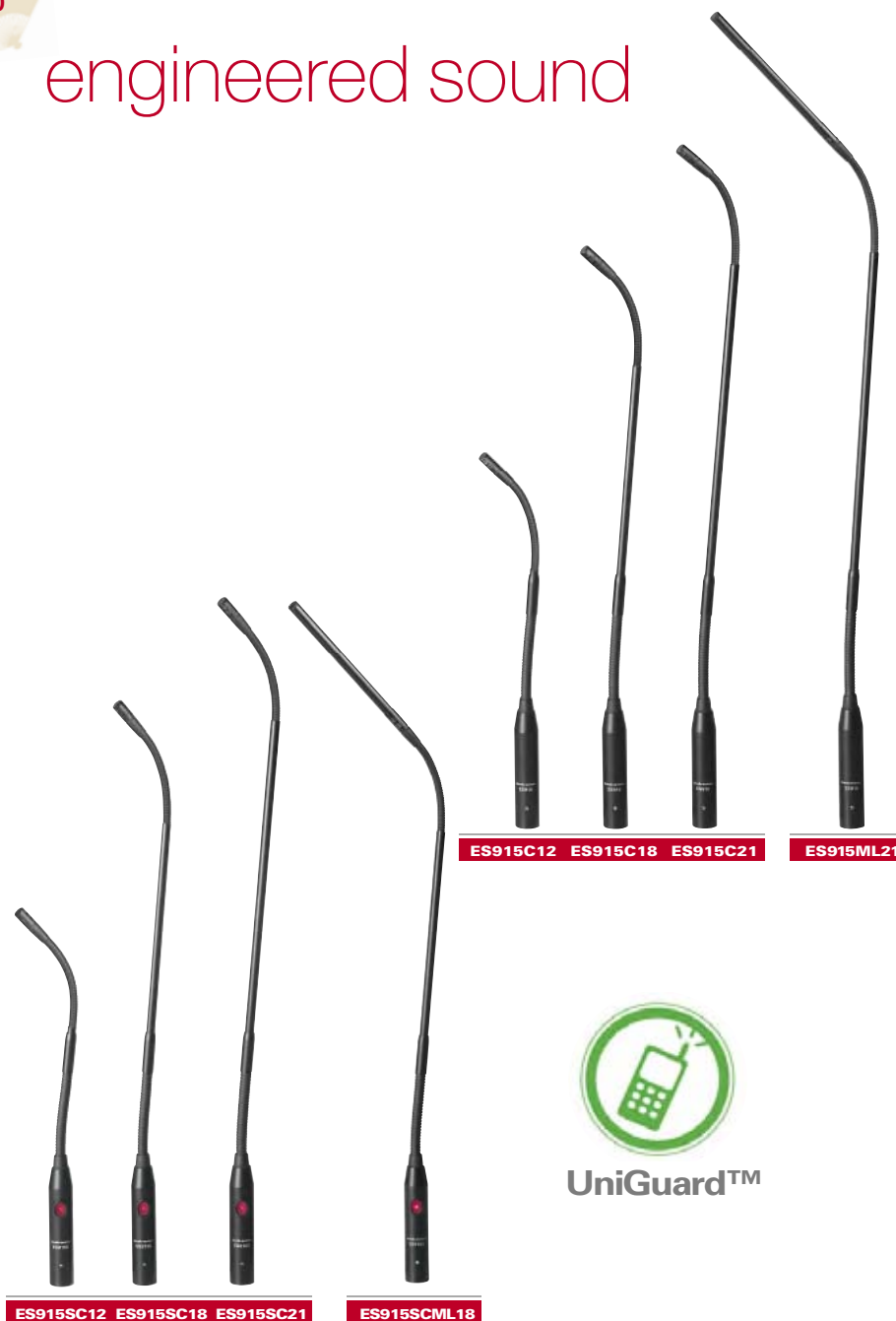
- Plugs directly into a panel- or desk-mounted XLRF-type connector, or to a standard XLRF-type microphone cable 418 mm long. Includes AT8146 windscreen.


PRO47T
PRO47TL

PRO49Q
PRO49QL


Specifications	PRO 47T / PRO 47TL	PRO 49Q / PRO 49QL
Element	Condenser	Condenser
Polar Pattern	Cardioid	Cardioid
Frequency Response	70-16,000 Hz	70-16,000 Hz
Open Circuit Sensitivity	-37 dB (14.1 mV), re 1V at 1 Pa*	-37 dB (14.1 mV), re 1V at 1 Pa*
Impedance	100 Ω	100 Ω
Maximum Input Sound	134 dB, 1 kHz at 1% T.H.D.	134 dB, 1 kHz at 1% T.H.D.
Signal-to-Noise Ratio	66 dB 1 kHz at 1 Pa	66 dB 1 kHz at 1 Pa
Dynamic Range	106 dB, 1 kHz at Max. SPL	106 dB, 1 kHz at Max. SPL
Phantom Power Requirement	9-52V DC 2 mA typical	9-52V DC 2 mA typical

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

engineered sound



double-gooseneck microphones (PC 309-MC 230)

Engineered Sound gooseneck microphones are ideal for boardroom, school, government, house of worship and other installed applications. The improved, easy-to-adjust, small-diameter gooseneck with virtually no "memory" permits quick positioning into desired shape. The goosenecks' super-robust design also resists inadvertent repositioning. All models are RoHS-compliant and equipped with Audio-Technica's **UniGuard™** RFI protection, and include a universal isolation mount and quick-mount stand adapter.

ES915C12

266,00 € Cardioid condenser gooseneck microphone
Overall length 304.8 mm

ES915C18

286,00 € Cardioid condenser gooseneck microphone
Overall length 457.2 mm

ES915C21

306,00 € Cardioid condenser gooseneck microphone
Overall length 533.4 mm

ES915H12

266,00 € Hypercardioid condenser gooseneck microphone
Overall length 304.8 mm

ES915H18

286,00 € Hypercardioid condenser gooseneck microphone
Overall length 457.2 mm

ES915H21

306,00 € Hypercardioid condenser gooseneck microphone
Overall length 533.4 mm

ES915ML12

289,00 € MicroLine® condenser gooseneck microphone
Narrow 90° acceptance angle; Overall length 423.8 mm

ES915ML18

309,00 € MicroLine® condenser gooseneck microphone
Narrow 90° acceptance angle; Overall length 576.2 mm

ES915ML21

329,00 € MicroLine® condenser gooseneck microphone
Narrow 90° acceptance angle; Overall length 652.4 mm

DOUBLE-GOOSENECK MICROPHONES WITH MUTE SWITCH AND LED

Condenser gooseneck microphone with interchangeable capsules.

XLR mount with recessed flat response/low-roll-off switch and mute/on switch with status LED.

ES915SC12

290,00 € Cardioid condenser gooseneck microphone with mute switch/LED
Overall length 304.8 mm

ES915SC18

310,00 € Cardioid condenser gooseneck microphone with mute switch/LED
Overall length 457.2 mm

ES915SC21

330,00 € Cardioid condenser gooseneck microphone with mute switch/LED
Overall length 533.4 mm

ES915SML12

323,00 € MicroLine® condenser gooseneck microphone with mute switch/LED
Narrow 90° acceptance angle; Overall length 423.8 mm

ES915SML18

333,00 € MicroLine® condenser gooseneck microphone with mute switch/LED
Narrow 90° acceptance angle; Overall length 576.2 mm

(see page 83 for ES Series interchangeable elements)

single-gooseneck microphones (PC 309-MC 230)

ES935 SINGLE-GOOSENECK MICROPHONES

Fixed length. Phantom power only, 11-52V; plugs into XLR3F-type connector. Incorporates **UniGuard™** RFI-immunity technology. Includes: foam windscreen; integral power module with roll-off switch (80 Hz high-pass **UniSteep®** filter); **AT8474** low-profile isolation mount; **AT8473** stand clamp.

ES935C6

249,00 € Cardioid condenser gooseneck microphone
Overall length 197.3 mm

ES935H6

249,00 € Hypercardioid condenser gooseneck microphone
Overall length 197.3 mm

ES935ML6

272,00 € MicroLine® condenser gooseneck microphone
Narrow 90° acceptance angle; Overall length 316.3 mm

ES935S SINGLE-GOOSENECK MICROPHONES WITH MUTE SWITCH AND LED

Fixed length mic with touch-on/touch-off mute switch and light "on" indicator. Phantom power only, 11-52V; plugs into XLR3F-type connector. Incorporates **UniGuard™** RFI-immunity technology. Includes: foam windscreen; integral power module with roll-off switch (80 Hz high-pass **UniSteep®** filter); **AT8474** low-profile isolation mount; **AT8473** stand clamp.

ES935SC6

279,00 € Cardioid condenser gooseneck microphone with mute switch/LED
Overall length 197.3 mm

ES935SH6

279,00 € Hypercardioid condenser gooseneck microphone with mute switch/LED
Overall length 197.3 mm

ES935SML6

302,00 € MicroLine® condenser gooseneck microphone with mute switch/LED
Narrow 90° acceptance angle; Overall length 316.3 mm

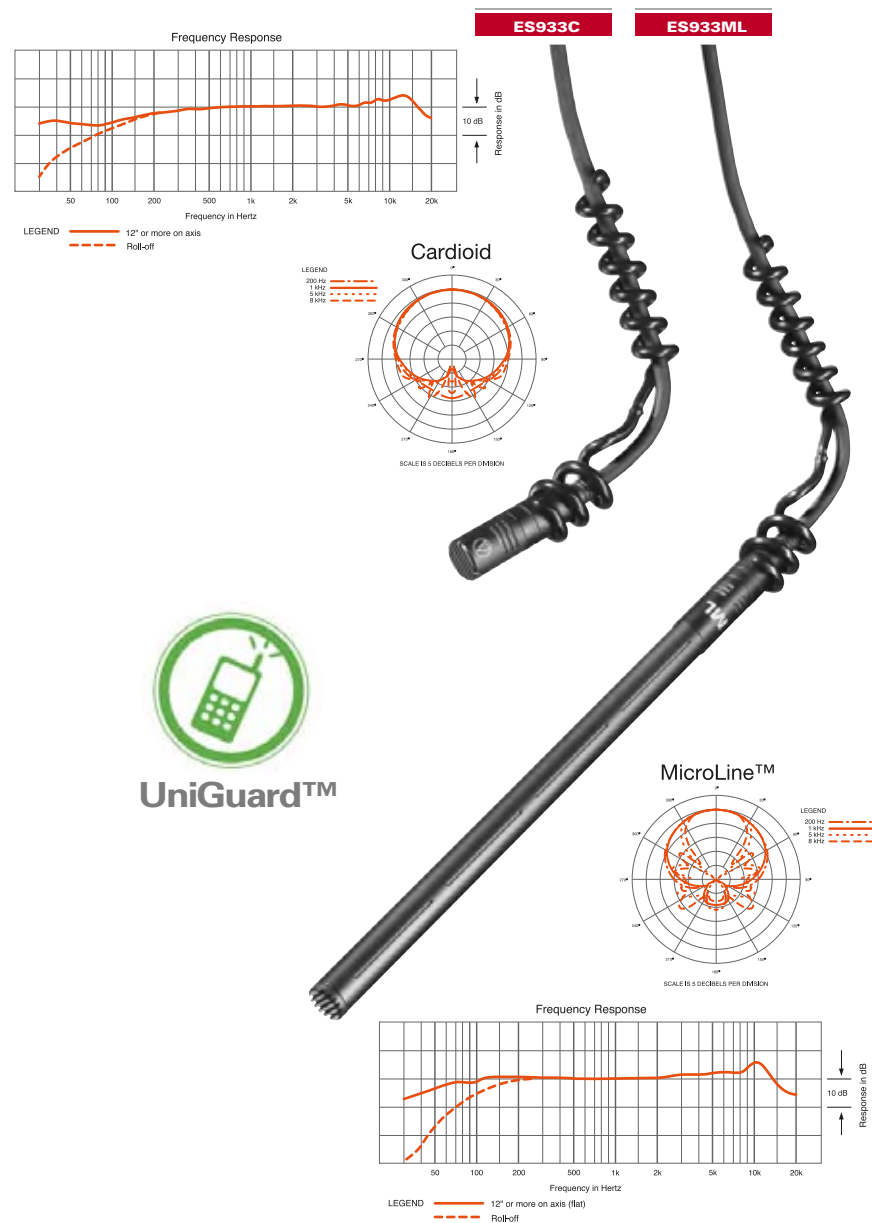
Specifications	ES915C-ES915SC ES935C-ES935SC	ES915H ES935H-ES935SH	ES915ML-ES915SML ES935ML-ES935SML
Element	Condenser	Condenser	Condenser
Polar Pattern	Cardioid	Hypercardioid	MicroLine®
Frequency Response	30-20,000 Hz	80-20,000 Hz	30-20,000 Hz
Open Circuit Sensitivity	−40 dB (10.0 mV), re 1 V at 1 Pa*	−40 dB (10.0 mV), re 1 V at 1 Pa*	−35 dB (17.7 mV), re 1 V at 1 Pa*
Impedance 1000 Ω without power module	250 Ω	250 Ω	250 Ω
Max. Input Sound Level	138 dB SPL, 1 kHz at 1% T.H.D.	138 dB SPL, 1 kHz at 1% T.H.D.	133 dB SPL, 1 kHz at 1% T.H.D.
Signal-to-Noise Ratio	65 dB, 1 kHz at 1 Pa	65 dB, 1 kHz at 1 Pa	68 dB, 1 kHz at 1 Pa
Low Frequency Roll-off	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave
Phantom Power Requirement	11-52V DC	11-52V DC	11-52V DC
Output Connector	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type
Head and Base Diameters	Ø 8.4 mm - 18.9 mm	Ø 8.4 mm - 18.9 mm	Ø 8 mm - 18.9 mm
Accessories Furnished	AT8109 windscreen; AT8474 universal isolation mount; AT8473 quick mount stand adaptor;	AT8109 windscreen; AT8474 universal isolation mount; AT8473 quick mount stand adaptor;	AT8138 windscreen; AT8474 universal isolation mount; AT8473 quick mount stand adaptor;

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

engineered sound



engineered sound



UniGuard™

hanging microphones (PC 309-MC 230)

ES933 HANGING MICROPHONES

Phantom-powered condenser hanging microphone ideal for speech, theater, orchestra and choir sound reinforcement and recording. It features **UniGuard®** RFI-shielding innovations and a **UniSteep®** filter. RoHS compliant. Contractor-exclusive line.

ES933C

274,00 € Cardioid condenser hanging microphone

ES933WC

284,00 € White version ES933C (cardioid)

ES933H

274,00 € Hypercardioid condenser hanging microphone

ES933WH

284,00 € White version ES933H (hypercardioid)

ES933ML

297,00 € MicroLine® condenser hanging microphone

ES933WML

307,00 € White version ES933ML (MicroLine®)

Specifications	ES933C-ES933WC	ES933H-ES933WH	ES933ML-ES933WML
Element	Condenser	Condenser	Condenser
Polar Pattern	Cardioid	Hypercardioid	MicroLine®
Frequency Response	30-20,000 Hz	80-20,000 Hz	30-20,000 Hz
Open Circuit Sensitivity	-40 dB (10.0 mV), re 1 V at 1 Pa	-40 dB (10.0 mV), re 1 V at 1 Pa	-35 dB (17.7 mV), re 1 V at 1 Pa
Impedance	1000 Ω without power module	250 Ω	250 Ω
Max. Input Sound Level	138 dB SPL, 1 kHz at 1% T.H.D.	138 dB SPL, 1 kHz at 1% T.H.D.	133 dB SPL, 1 kHz at 1% T.H.D.
Signal-to-Noise Ratio	65 dB, 1 kHz at 1 Pa	65 dB, 1 kHz at 1 Pa	68 dB, 1 kHz at 1 Pa
Low Frequency Roll-off	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave
Phantom Power Requirement	11-52V DC	11-52V DC	11-52V DC
Output Connector	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type
Cable	15.2 m long (permanently attached to microphone), 3.2 mm Ø, low-noise, shielded; free end attached to screw terminals in power module	15.2 m long (permanently attached to microphone), 3.2 mm Ø, 2-conductor shielded cable, terminated with TA3F-type connector	15.2 m long (permanently attached to microphone), 3.2 mm Ø, 2-conductor shielded cable, terminated with TA3F-type connector
Head and Base Diameters	Ø 8.4 mm - 18.9 mm	Ø 8.4 mm - 18.9 mm	Ø 8 mm - 18.9 mm
Accessories Furnished	AT8109 windscreen; AT8452 steel hanger; AT8538 power module	AT8109 windscreen; AT8452 steel hanger; AT8538 power module	AT8138 windscreen; AT8452 Steel hanger; AT8538 power module

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

interchangeables elements (PC 309-MC 230)

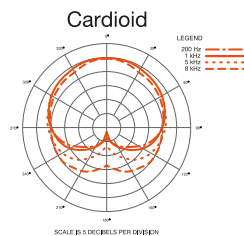
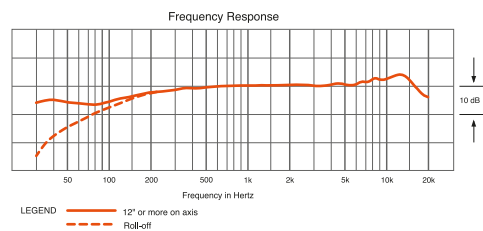
engineered sound

For microphones **ES905, ES915, ES933, ES935, ES943**

ESE-C

66,00 €

Cardioid element only; standard on all **ES905, ES915, ES933, ES935** and **ES943 "C" models**.
120° pickup pattern.

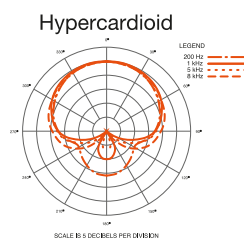
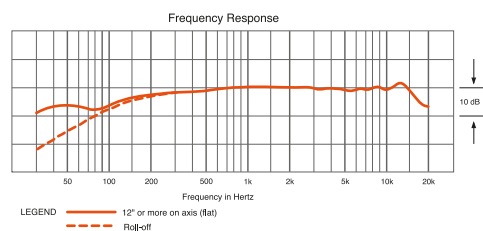


ESE-C

ESE-H

66,00 €

Hypercardioid element only; standard on all **ES915, ES933, ES935** and **ES943 "H" models**.
100° pickup pattern.

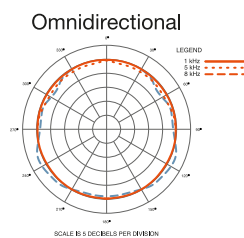
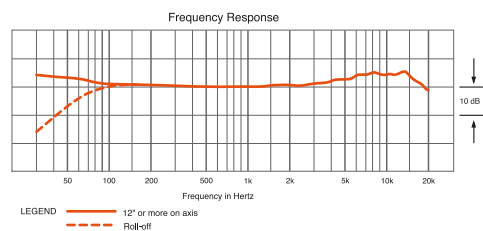


ESE-H

ESE-O

66,00 €

Omnidirectional element only.
360° pickup pattern.



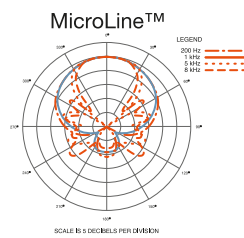
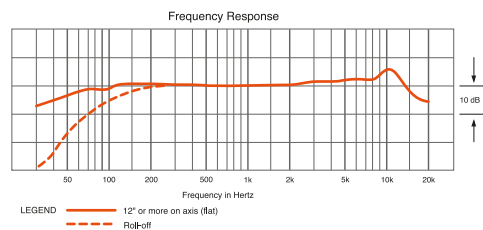
ESE-O

ESE-ML

89,00 €

MicroLine[®] element only; standard on all **ES915, ES933** and **ES935 "ML" models**.
90° pickup pattern.

NB : This capsule is not suitable for microphones **ES943** (tie clip)



ESE-ML

ES945W



UniGuard™



ES947

boundary microphones (PC 309-MC 230)**ES945**

159,00 € Omnidirectional fixed charge condenser boundary microphone
For table or ceiling mounting (maximum 45 mm pannel thickness), in 24 mm diameter hole.
Operates on 9-52V phantom power only.
Power module is built-in, integral XLRM-type output.

ES945W

169,00 € White finished version of ES945

ES947

189,00 € Cardioid wide range fixed charge condenser boundary microphone
For table or ceiling mounting in 15/16" (24 mm) diameter hole.
Operates on 9-52V phantom power only.
Power module is built-in, integral XLRM-type output.

ES947W

199,00 € White finished version of ES947

Specifications	ES945 - ES945W	ES947 - ES947 W
Element	Fixed-charge back plate, permanently polarized condenser	Fixed-charge back plate, permanently polarized condenser
Polar Pattern	Omnidirectional	Half-cardioid (Cardioid in hemisphere above mounting surface)
Frequency Response	40-18,000 Hz	40-12,000 Hz
Open Circuit Sensitivity	-42 dB (7.9 mV) re 1 V at 1 Pa	-42 dB (7.9 mV) re 1 V at 1 Pa
Impedance	200 Ω	200 Ω
Maximum Input Sound Level	142 dB SPL, 1 kHz at 1% T.H.D.	142 dB SPL, 1 kHz at 1% T.H.D.
Dynamic Range	112 dB, 1 kHz at Max SPL	113 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio	64 dB, 1 kHz at 1 Pa	65 dB, 1 kHz at 1 Pa
Phantom Power Requirement	11-52V DC, 2 mA typical	11-52V DC, 2 mA typical
Output Connector	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type
Dimensions	69 mm long; Ø 28 mm	69 mm long; Ø 30 mm
Accessories Furnished	One pair isolators	One pair isolators

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

rigid-pipe microphones (PC 309-MC 230)

Rigid-pipe design with ball-in-socket base for permanent mounting to flat surface. Attached wire mesh windscreen with internal pop protection. 2.90 m cable permanently attached to mic, free end connects to the provided AT8538 power module via TA3F-type connector. XLRM-type output connector on power module. Incorporates **UniGuard®** RFI-immunity technology. Includes: foam windscreen; **AT8538** power module with roll-off switch (80 Hz high-pass UniSteep® filter).

ES905CL

440,00 € Cardioid rigid-pipe condenser microphone
Operates on phantom power; ball-in-socket base for flexible positioning.

lavalier microphones (PC 309-MC 230)

ES943C

249,00 € Cardioid condenser lavalier microphone
The **ES943C** is intended to be worn on the clothing for excellent, unobtrusive sound pickup. The microphone's wide-range capability ensures clean, accurate reproduction with high intelligibility for speakers, singers and other performers. Its low-profile element provides a uniform cardioid polar pattern with 120° acceptance angle. It is equipped with an 80 Hz low-cut **UniSteep®** filter that reduces pickup of low-frequency ambient noise. The microphone offers unsurpassed immunity from radio frequency interference thanks to Audio-Technica's **UniGuard®** innovations.

Specifications	ES905CL	ES943C
Element	Fixed-charge back plate, permanently polarized condenser	Fixed-charge back plate, permanently polarized condenser
Polar Pattern	Cardioid	Cardioid
Frequency Response	60-20,000 Hz	30-20,000 Hz
Open Circuit Sensitivity	-38 dB (12.5 mV) re 1 V at 1 Pa	-40 dB (10.0 mV) re 1 V at 1 Pa
Impedance	250 Ω	250 Ω
Maximum Input Sound Level	138 dB SPL, 1 kHz at 1% T.H.D.	138 dB SPL, 1 kHz at 1% T.H.D.
Dynamic Range	111 dB, 1 kHz at Max SPL	109 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio	67 dB, 1 kHz at 1 Pa	65 dB, 1 kHz at 1 Pa
Low Frequency Roll-off	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave
Phantom Power Requirement	11-52V DC, 2 mA typical	11-52V DC, 2 mA typical
Output Connector	Integral 3-pin XLRM-type	3-pin XLRM-type (power module)
Dimensions	523.4 mm long; Ø 24.6 mm	27.5 mm long, 8.4 mm head diameter
Cable	2.9 m long, (permanently attached to microphone) 3.2 mm diameter, 2-conductor, shielded cable terminated with TA3F-type connector	1.4 m long (permanently attached to microphone), 2.2 mm diameter, 2-conductor shielded cable, terminated TA3F-type connector
Optional Interchangeable Elements	ESE-H hypercardioid (100°) - ESE-O omnidirectional (360°)	ESE-H hypercardioid (100°) - ESE-O omnidirectional (360°)
Accessories Furnished	AT8538 power module; (3) #8 x 1" black oxide wood screws for microphone mount	AT8110 windscreen; AT8460 clothing clip; AT8538 power module; belt clip

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

engineered sound accessories (PC 315-MC 410)

WINDSCREEN

AT8161

68,00 € Metal windshield with additional outer foam for use with engineered sound gooseneck microphones

MOUNTS

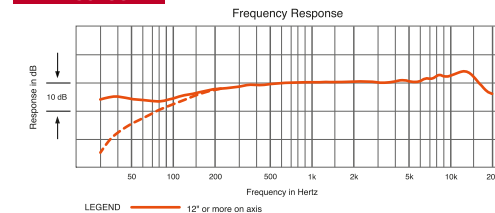
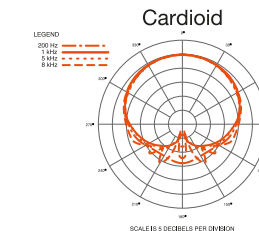
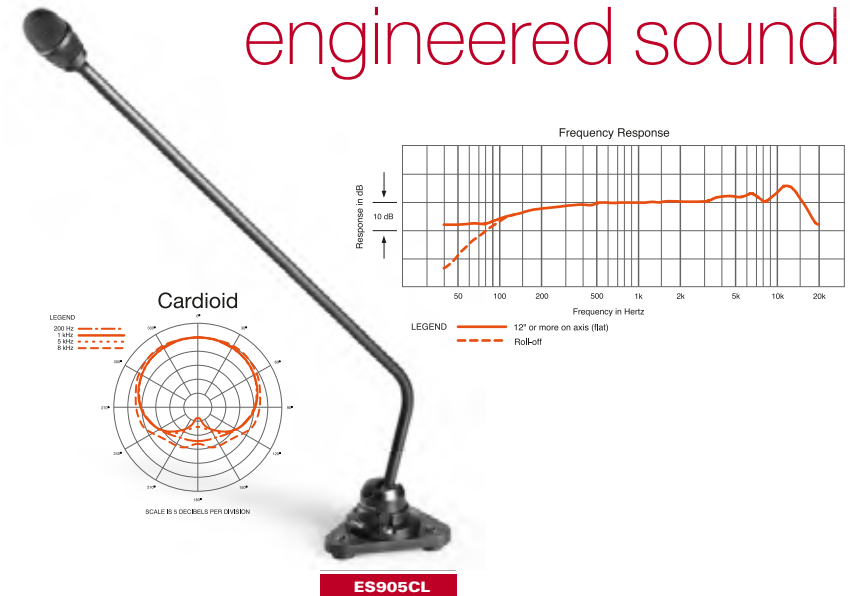
AT8473

27,00 € Stand clamp permits attachment of the gooseneck mic base to a standard 5/8"-27 or 3/8"-16 threaded mic stand or mounting flange.

AT8474

37,00 € Low-profile isolation mount (allows mounting above or beneath mounting surface).

engineered sound



AT8161



AT8473



AT8474

installed sound microphones application guide

	unipoint®													propoint					engineered sound							
	U853A Series	U857Q Series	U859QL	U855QL	U857AL ^m	U857AU	U857R Series	U841A ^m	U851A ^m	U851R & RW	U891Rx & RWx	U891RCx	U873 & ES973	PRO42	PRO44	PRO45	PRO47T & TL	PRO49Q & QL	ES915 Series	ES915S Series	ES935 Series	ES935S Series	ES905 Series	ES933 Series	ES945/7 Series	ES943 Series
MEETING ROOM																										
Lectern		★	●		★	★	★										●	●	●	●	●	●	●			
Video conference								●	★	★	●	●		●	●											
Conference								●	●	●	●	●	●													
Convention	●	★	●		★	★	★									●	●	●	●	●	●	●	●	●	●	
VEHICLE - TRANSPORT																										
Metro				★													●	●							★	
Tramway				●													●	●							★	
P.A. announcement		★	●	★	★	★	★						●				●	●	●	●	●	●	●			
Bus																	●	●							★	
COUNTERS																										
Bank		★			★	★	★																		●	
Ticket window			●	●													●	●							●	
Reception desk																	●	●							●	
SECURITY																										
Announcement		●	●	★	●	●	●						●				●	●								
Surveillance	●															●										
Paging		●	●	★	●	●	●										●	●	●	●	●	●	●	●	★	●
PLACE OF WORSHIP																										
Lectern									●				●						●	●	★					
altar									★									●	●	●						
Choir	●												●			●			●	●	●			●		
PUBLIC UTILITY																										
Parlement	●	★	●		★	★	★									●	●	●	●	●	●	●	●	●		
Court of justice		●	●		●	●	●										●	●	●	●	●	●	●			●
Press conference		★	●		★	★	★						●						●	●	●	●	●			●

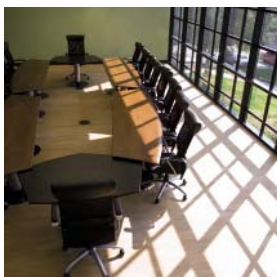
(1) Exists in wireless version

This application chart is a guide to selecting an Audio-Technica microphone for a specific application.

Feel free to experiment with different microphone options as we realise the importance of personal taste and the acoustic environment.

Our Recommendation ●

Best Choice ★





ATCS-M60 delegate unit with ATCS-60MIC microphone

Infrared conference systems

The infrared conference system developed by Audio-Technica offers all the advantages of infrared communication and features 100% wireless microphone units. As a result, it offers users more flexibility, with the freedom to easily change microphone locations and system configurations.

page 90 to 93

IR conference system



Everything begins with Audio-Technica

The ATCS-60 infrared conference system has all the advantages of infrared communication complete with wireless transceiver microphone units. Wireless infrared technology provides the user with greater flexibility whilst configuring the system and freedom of choice when placing microphones. From intimate meetings to large boardrooms and events, the ATCS-60 will adapt to your needs.

Additional features include 4 selectable channels for multi-language conferences and an automated camera function facilitating audio visual integration.

The option of software control is also available, with the user able to adjust camera position and microphone settings from within the provided software.

infrared conference system (PC 491-MC 134)

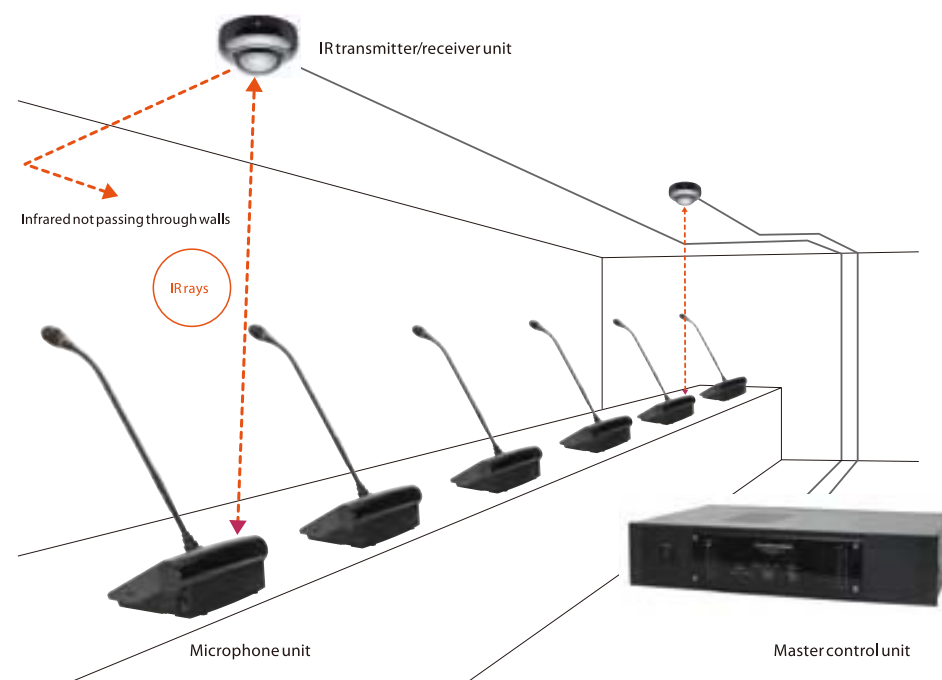
As a pioneer of infrared systems Audio-Technica offers you peace of mind.

- 1996** The arrival of 800MHz radio wireless products marked the beginning of Audio-Technica's work with IR technology. Resulting in sales of the ATIR series infrared microphones.
- 2000** The dawn of the 21st century saw the release of the ATCS-M50 as part of the ATCS-50 series, capable of handling up to 150 microphones.
- 2004** Another new addition to the ATCS-50 series is the ATCS-M55 which showcases a system which requires the smallest installation area in the industry.
- 2007** Audio-Technica introduces the first fully automatic hands-free conference system with voice detection technology. By automatically recognizing the speakers voice, the microphone can be turned on and off without pressing a button.

Infrared technology keeps your information in your conference room

In the 21st century the security of information is of top priority. With the ATCS-60 conference system your wireless signal won't leave the room, let alone reach another building. When compared to a UHF wireless system which acts in the same way as a radio station transmitting over a broad area, the infrared system excels, providing no information leakage.

Infrared technology offers you peace of mind and the confidence that your information is secure.



infrared conference system (PC 491-MC 134)

Features

Flexible and easy modify

- Microphone and camera settings can be controlled by a PC running the supplied software. The upgradable structure of the system makes it easier to adapt your conference setup.

Unit selection function

- By utilising ID-switching methodology, the ATCS-60 guarantees prompt and responsive unit selection.

All finish function

- The chairperson's unit has control to override all other units with the "all finish" function

Battery life indication

- When battery life is low both the power LED and microphone LED will flash rapidly as a warning.

Listening options

- Built in speaker and headphone jack with personal volume control.

Voice Detection

- The user can select automatic or manual mode. In the automatic mode, the microphone is turned on when spoken into and turned off when there is no voice. The holding time can be altered to cater to users needs. In manual mode, the simple operation of pressing the TALK (speech) button enables the on/off switching.

Simultaneous interpretation

- Up to 4 separate channels for multi language meetings, making it possible to have one mother tongue and three additional translations.

IR conference system



Wireless design for flexible configuration

Board rooms meetings, Video conferencing and general meetings

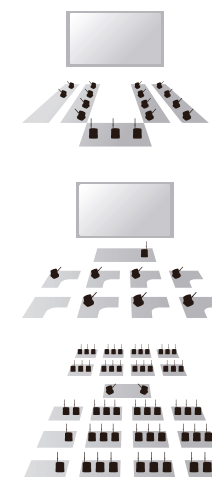
As cost is of great importance to all companies, conference rooms are increasingly utilised for other purposes. The infrared system is flexible and space efficient making it the perfect choice for such multi-purpose environments.

Remote lectures and meetings in institutions and universities

As the technology for remote lectures and meetings increases universities are introducing the remote lecture system to enhance the course agenda. A conference system with improved audio quality makes communication swift and efficient.

Committee rooms and assembly halls of self-governing bodies

The semi permanent nature of the ATCS-60 means it can be seamlessly installed into any space without the hassle of exposed wires and lengthy setup times. Take it with you wherever it is required.



atcs-60 series

- Microphones can turn on automatically when a voice is detected.
- Unique DSP voice detection ignores the sound of rustling papers when using the automatic microphone mode.
- A built-in loudspeaker and headphone output for personal amplification removes the need for an additional P.A. system.
- It enables simultaneous speeches by up to 5 people.
- Priority setting function may enable priority to microphones other than the chairperson unit.
- 4 monitor channels are available to easily integrate multiple language translations



ATCS-M60 with ATCS-60MIC

ATCS-60MIC

ATCS-L60MIC



ATCS-C60

infrared conference system (PC 491-MC 134)

ATCS-C60

3 990,00 € Master control unit

- The number of units with priority settings can be selected.
- Option for FIFO "First In First Out" or FILO "First In Last Out" modes when selecting which order people speak.
- Automatic mode and manual or traditional button press mode are both available.
- Adjustable threshold setting for automatic mode.
- Adjustable hold time for how long the microphone stays on after speech ceases.
- Direct output of up to 5 separate audio channels can be output via the software.

ATCS-M60

990,00 € Delegate unit

ATCS-60MIC

129,00 € Dedicated microphone

- Overall length 43 cm

ATCS-L60MIC

139,00 € Dedicated long-type microphone

- Overall length 58 cm

Technical Data	ATCS-60MIC, ATCS-L60MIC
Model	Fixed-charge back plate
Polar Pattern	Hypercardioid
Frequency Response (microphone only)	50 ~ 15,000 Hz (–3 dB point)
Sensitivity (0 dB = 1V/ 1 pa, 1 kHz)	– 45 dB
Maximum Input Sound Level	100 dB S.P.L. (1kHz, THD 1%)
Signal-Noise Ratio (1kHz, 1 pa)	> 61 dB
Output Impedance	< 680 Ω, unbalanced
Finish	Black, matted paint spraying
Weight	115 g (ATCS-60MIC)

Technical Data	ATCS-M60
Bandwidth	1 ~ 10MHz
Number of Channels	Voice 5 ch, monitor 4 ch and data 2 ch
Modulation Method	FM modulation
Infrared Data Communication	9,600 bps
Speaker Output	8 Ω, 2W
Headphone Output	Ø 3.5mm monaural mini-jack
Power Supply	Dedicated lithium-ion battery with 7.4 VDC, 2400 mAh or AC adaptor with 12 VDC, 1A
Standard Operation Time	Continuous speeches: 6 hr; Signal reception status: 10 hr.
Dimensions	H75.5×W187×D149mm
Weight	0.6 kg (microphone and battery excluded)
Optional Accessories	Li-240 lithium-ion battery, AC adaptor

Technical Data	ATCS-C60
Bandwidth	1 ~ 10 MHz
Number of Channels	Voice 5 ch, monitor 4 ch and data 2 ch
Modulation Method	FM modulation
Infrared Data Communication	9,600 bps
Audio Input	Monitor input (–10dBV, unbalanced) 4 systems External input 1 (–10dBV, unbalanced) 1 system External input 2 (–10dBV, balanced) 1 systems (–50dBV, unbal.) 1 system
Audio Output	Direct output (–10dBV, unbalanced) 5 systems Output 1 (–10dBV, unbalanced) 1 system; Output 2 (–10dBV, bal.) 1 system Recording output (–10dBV, unbalanced) 2 systems
System Frequency Response	200 ~ 13,000 Hz
Power Supply	AC100 ~ 240V 50/60Hz 75W
Weight	4.2 kg (Main body only)
Accessories	2 rack adaptors, 6 rack adaptor installation screws, 5 mini screwdrivers, AC power cord

infrared conference system (PC 491-MC 134)

The **ATCS-V60** is a voting unit which can be connected to the **ATCS-M60** delegate unit of the **ATCS-60** IR conference system. It features five voting buttons, a cover plate and a long connecting cable with a smart cable guide.

ATCS-V60

289,00 € Voting unit for ATCS-60 IR conference system

• Connection

The **ATCS-V60** is connected to the **ATCS-M60** delegate unit by the permanently attached cable. The cable can be wrapped and stored neatly within the recessed cable guide located around the bottom edge of the voting unit. This way the voting unit (V60) fits nicely underneath the small edge in front of the delegate unit (M60). The voting unit features a longer cable to enable the unit to be separated from the main delegate unit – for example, held underneath the conference desk, for privacy purposes if a secret ballot is required.

• Five buttons:

The unit has five voting buttons with corresponding LEDs. It allows the following voting options: Yes / No - Yes / No / Abstain - 2 options (this can be customized within the software: E.g. two candidate names in an election) - 3 options - 4 options - 5 options

• Software:

The voting functionality requires the use of the **ATCS-C60MAG** control software. The software allows customization of polls (as described above) as well as enabling results to be stored in the meeting notes. For extended documentation the results can be exported to a CSV file (Excel, Open Office...).

• Modular:

As the **ATCS-V60** is a voting MODULE, it can be added to an **ATCS-60** installation any time. This gives the customer the benefit of postponing the decision about whether voting functionality is required to a later stage.

• Specifications:

Dimensions: 149.2 mm x 64.9mm x 20.9mm (67.2mm when top cover open); Connector: Mini DIN 9P; Top Cover opens: 130°

ATCS-A60

810,00 € IR transmitter/receiver unit

- The ceiling or wall mounted antenna transceiver connects via 75 ohm, BNC-terminated coaxial cable to the master control unit. Utilizing an automated gain gives the A60's greater IR performance.

ATCS-D60

169,00 € Distributor

- The 1 in 2 out distributors increase the number of BNC inputs into the master control unit from 4 inputs for up to 16 antenna transceiver connections covering a larger transmission area.

ATCS-B60

1040,00 € Battery Charger

- An intelligent quick-charger has 10 individual advanced monitor sockets, taking only 5 and a half hours for a full charge.

LI-240

149,00 € Lithium-ion battery

- Exclusively manufactured high specification batteries especially designed for the ATCS-M60 system.

DMQ-60

24,00 € Monaural earphone

- Monaural earphone is designed for clear intelligible audio, a comfortable fit for either ear and easy to maintain.

CONFERENCE MANAGER (dedicated software)

Using the dedicated software you can take full control over the conference system. Arrange delegate layouts with names and departments over an image of the conference room, fully monitor the working conference, control the order of speakers or implement a "press to request" function. Control audio hold times, thresholds and individual gain settings are easily accessible. The audio routing for language translation is implemented through the software as is automatic pan/tilt/zoom for integrated video cameras. With video / audio recording facilities and integrated minute-taking application, reviewing your conference is a breeze.

ATCS-C60MAG

Conference Manager Standard version included of charge with each central unit

- Setup of all basic functions of the ATCS-60;
 - Manual mode up to 150 microphones;
 - Automatic mode up to 50 microphones.
- Overall gain
- Gain for individual delegate units
- Individual thresholds for in automatic mode
- Arrange delegate layouts with names over an image of the conference room
- Selectable speaker order modes of operation
- "Press to Request" total control mode
- Audio routing for interpretation integration

ATCS-C60MAG-REG

1400,00 € Conference manager extended version

- Video follows audio control (external camera required)
- Video recording
- Audio recording
- Minute taking
- Conference record

NEW

ATCS-V60

Voting unit for ATCS-60 IR conference system



ATCS-V60



ATCS-A60



ATCS-D60



ATCS-B60



LI-240



DMQ-60



AEW-T5400 cardioid large diaphragm condenser UHF transmitter

wireless systems

in-ear monitor system

The M3 Wireless In-Ear Monitor System is designed to provide comfortable, crystal-clear sound on stage. **page 96 to 99**

1800 series

Dual-channel 1800 Series systems provide extremely flexible, professional, easy-to-use portable wireless solutions. Two independent receiver channels allow simultaneous operation of two microphones. True Diversity, frequency agility, UHF. The 1800 Series system is now also available as a single channel option. **page 100 to 101**

artist elite® 5000 & 4000 series

Audio-Technica's Artist Elite® 5000 and 4000 Series provides incredible audio quality and proven, critically acclaimed performance for artists, regional touring, fixed installations broadcasters and presenters worldwide. True Diversity, frequency-agile, UHF. **page 102 to 105**

3000b series

For the wireless user ready to step up to an advanced system, the 3000b Series is the solution. True Diversity, frequency-agile, UHF. **page 106 to 107**

2000a series

The 2000a Series Frequency-agile True Diversity UHF Wireless Systems offer serious advances in affordable professional wireless. **page 108 to 109**

700 series

Audio-Technica's 700 Series wireless delivers professional features and sound quality unheard of in its class. These easy-to-use wireless systems feature eight selectable frequency-coordinated channels, diversity operation for increased range/reliability, automatic frequency scanning, Tone Lock™ squelch and more. 700 Series systems come equipped with your choice of handheld, headworn, or lavalier microphones; or choose a system designed for guitar hookup. For multiple-mic applications, as many as eight systems may be used together per frequency band. **page 110**

microphones for wireless

In the Wireless Essentials range, the microphones are compatible with all Audio-Technica UniPak™ body-pack wireless transmitters. **page 111 to 113**

wireless accessories

Cables, antennas and antenna distribution systems. **page 114 to 115**

in-ear monitor



Why in-ear monitors?

Clarity is first among the many reasons to make the switch from traditional floor monitors to wireless in-ear monitor systems for live performance. Many musicians find that traditional floor monitors do not give them the articulate sound they need; they either can't hear themselves clearly, or can't hear themselves at all when stage volume is loud. As a result, they may experience voice strain from singing at unsustainable levels in an attempt to be heard above the on-stage noise level.

There are other benefits to using in-ear monitors: as traditional floor wedges contribute to rising noise levels on stage, many performers are troubled by feedback, and by an overall audience mix that is muddled by stage spill from the floor monitors.

Often, artists choose in-ear monitors because they want to control what they hear on stage, creating a personal mix that's tailored for their best performance. Others turn to in-ear monitors to help control and limit exposure to high sound pressure levels for hearing conservation. Some are simply tired of lugging heavy and cumbersome monitor equipment to each gig.

• Crystal-clear audio

Hear yourself clearly on stage

• Personal Mix Control

Control what you hear as you perform

• Avoid feedback

Get cleaner, more articulate house sound

• Help conserve hearing

Experience articulate audio at lower volume

• Travel light

Never carry a heavy monitor system again

wireless in-ear monitor system

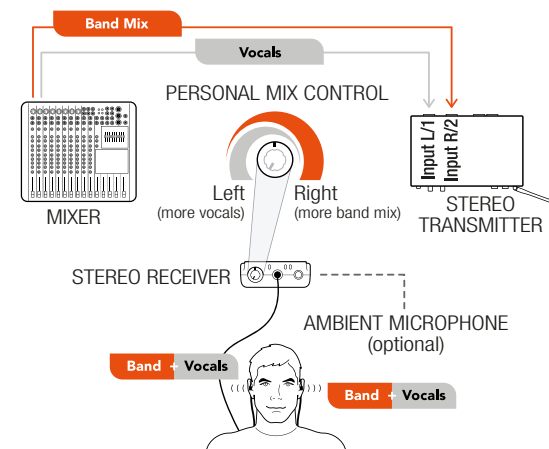
SYSTEM APPLICATIONS

The nature of in-ear monitoring allows for endless experimentation; the M3 Wireless In-Ear Monitor Systems can be easily configured to meet your individual needs. While there are countless ways to use the system, we have illustrated some typical applications in the diagrams below.

Typical two-channel set-up

(Personal Mix Control)

This is most often used when the transmitter receives two very distinct mixes—such as band and vocal. In this example, the performer can control how much vocal is heard relative to the band mix. By turning the stereo receiver's balance control to the left, the performer will hear more vocal in both ears; by turning the receiver's balance control to the right, the user will hear more band mix in both ears.*

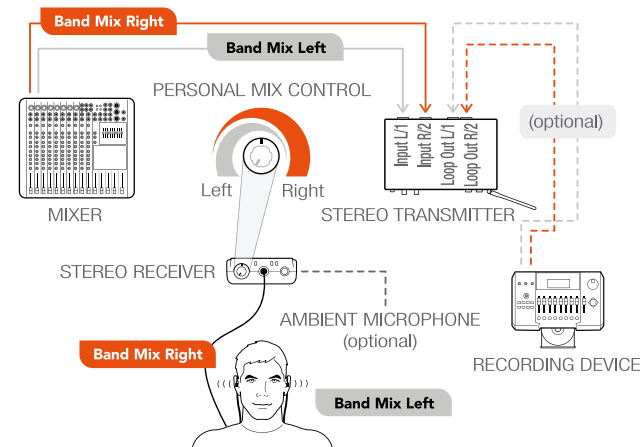


Typical two-channel set-up

(Stereo)

In a typical stereo set-up, the signals from L/1 and R/2 are separate (not mixed). The user hears L/1 through the left earphone, and R/2 through the right earphone, and adjusts the relative level of each signal via the stereo receiver's balance control.*

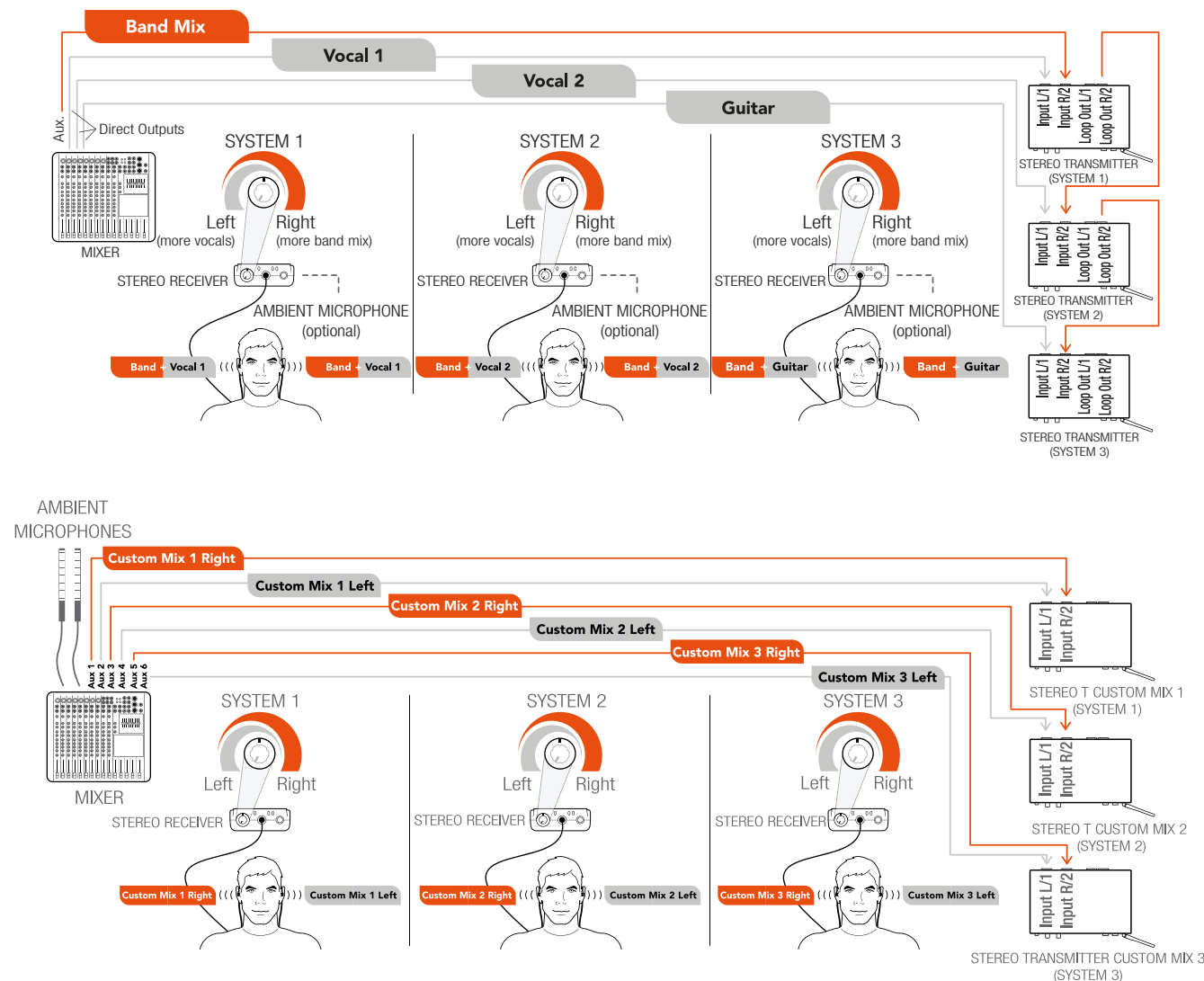
**Additional IEM receivers can be used with the same transmitter as needed.*



wireless in-ear monitor system

SYSTEM APPLICATIONS (continued)

in-ear monitor



m3 wireless in-ear monitor system (PC 488-MC 138)

Audio-Technica's advanced **M3 IEM system** offers a full range of professional in-ear monitoring features, with a choice of up to 1321 frequencies UHF channels and easy-to-read LCD information displays on both transmitter and receiver for setting preferences. The system is equipped with Audio-Technica's versatile Personal Mix Control, which gives each musician independent control of volume and mix on stage, via controls on the **M3R** stereo body-pack receiver. While up to 16 complete **M3 systems** may be used simultaneously, any number of **M3R** stereo receivers can operate on the same frequency with a single **M3T** stereo transmitter. The **M3T** stereo transmitter is equipped with two 1/4"/XLR combo input connectors into which users can connect line-level inputs (from a mixing console, for example). The **M3T** also offers a headphone output that allows you to monitor transmitter input signals directly.

M3 M3 Wireless in-ear monitor system
860,00 € Monitor system including 1 stereo transmitter, 1 stereo receiver and EP3 headphones

M3R Stereo receiver for M3 in-ear monitor system
460,00 € Personal mix control in a lightweight body-pack with backlit LCD display

M3T Stereo transmitter for M3 in-ear monitor system
P.O.A. Wireless UHF transmitter (frequency-agile) offers LCD display and up to 1321 user-selectable frequencies

EP3 In-ear dynamic headphones
59,00 € In-ear dynamic headphones offer high-fidelity sound and excellent isolation. Including hard case, extension cable, ear tip L/M/S, ear foam and soft pouch.

Add the suffix L, M or H1 to the end of the part number to denote required frequency band.



m3 wireless in-ear monitor system (PC 488-MC 138)

m3 in-ear monitor

ACCESSORIES

- AT8623**
29,00 € Joining plate mounts two M2 or M3 transmitters in a single 19" rack space
- AM3**
79,00 € Omnidirectional Condenser Lavalier Microphone
Ambient omnidirectional condenser lavalier microphone terminated with a right-angle 3.5 mm connector (compatible with Audio-Technica M2 & M3 Wireless Monitor Systems). Includes clothing clip and windscreen.
- MCB4**
599,00 € Audio-Technica MCB4 Antenna Combiner (see the complete description page 111)

M3 specifications

Operating Frequencies	Band:	Frequency Range (UHF)	Number of Frequencies
	Band L:	575.000 - 608.000 MHz	1321
	Band M:	614.000 - 647.000 MHz	1321
	Band H1:	754.000 - 787.000 MHz	1321
Minimum Frequency Step	25 kHz		
Modulation Mode	FM stereo		
Maximum Deviation	±40 kHz		
Dynamic Range	90 dB (typical), A-weighted		
Total Harmonic Distortion	<1% (at 1 kHz, ±20 kHz deviation)		
Operating Range	100 m (300'), typical. Open range environment with no interfering signals.		
Operating Temperature Range	-5° C (23° F) to +50° C (122° F). Battery performance may be reduced at very low temperatures.		
Frequency Response	60 Hz to 13 kHz (±3 dB)		
Simultaneous Use	16 channels per band (max recommended). For assistance with multi-band operation or other frequency coordination issues, please contact your regional Audio-Technica customer service representative.		

Receiver

Receiving System	Double conversion superheterodyne
RF Sensitivity	20 dBµV (at 60 dB S/N ratio, 50 ohms termination)
Headphone Output Connector	3.5 mm TRS stereo phone jack
Headphone Output Power	65 mW (at 32 ohms)
Antenna Input	SMA-type, 50 ohms
Aux Input Connector	3.5 mm TRS stereo phone jack
Batteries / Battery Life	2 x 1.5V AA (not included) / 8 hours (alkaline) (depending on battery type and use pattern)
Dimensions / Net Weight	70.0 mm (2.76") W x 25.0 mm (0.98") D x 110.0 mm (4.33") H / 133 g (4.7 oz), without batteries
Accessories Included	EP3 earphones; frequency sticker; flexible antenna

Transmitter

RF Power Output	10 mW/50 mW (switchable), 50 ohms (following national regulations)
Spurious Emissions	Following federal and national regulations
Input Connection	XLRF-type/6.3 mm stereo (1/4") combination connector - Pin 1 and Sleeve: Ground - Pin 2 and Tip: Hot - Pin 3 and Ring: Cold
Maximum Input Level	Balanced: XLRF-type/6.3 mm stereo (1/4"): +26 dBu - Unbalanced: 6.3 mm (1/4") mono: +26 dBu
Loop Output Connection	XLRM-type connector - Pin 1: Ground - Pin 2: Hot - Pin 3: Cold
Power Requirement	12-18V DC, 600 mA
Headphone Output Connector	6.3 mm (1/4") TRS stereo phone jack
Headphone Output Power	120 mW (at 32 ohms)
Antenna	BNC, 50 ohms
Dimensions / Net Weight	210.0 mm (8.30") W x 132.0 mm (5.20") D x 44.0 mm (1.70") H / 930 g (32.8 oz), without accessories
Accessories Included	AC adapter (country dependent); rack-mount adapters, flexible antenna



AT8623



AM3



MCB4

M3 FEATURES

- High-fidelity sound with clean, articulate mix allows performers to hear themselves clearly at lower volume
- Up to 1321 frequencies selectable UHF channels with automatic frequency scanning
- Up to 16 simultaneous systems per frequency band
- Three receiver modes: Personal Mix, stereo, and mono
- Personal Mix Control allows you to adjust your own mix on stage
- Back-lit LCD information display offers stepthrough menus for setting preferences
- XLR loop output (true pass-through) connects signal to mixing console, additional IEM system or recording device with no signal degradation
- Adjustable squelch eliminates annoying static
- Detachable antenna on transmitter
- Headphone monitor on transmitter
- Pilot tone protects against RF interference when transmitter is turned off
- Multi-level limiter (defeatable) helps protect hearing from sudden peaks
- Portable system is quick to load and set up
- Reduces on-stage audio clutter for better overall mix & less feedback
- Use any number of Stereo Receivers on the same frequency
- Audio-Technica earphones with proprietary dynamic drivers offer full frequency response and outstanding isolation
- Personal fit with 3 sizes of rubber eartips plus an ear-conforming foam tip
- Selectable auxiliary input offers connection point for ambient microphone, click track, or other mic- or line-level input

1800 series



ATW-R1820



ATW-R1810



BEC-HSA-VERT



BEC-AT1820



BEC-AT1810

Overall system

UHF Operating Frequency	Band C : 541.500 to 566.375 MHz Band D : 655.500 to 680.375 MHz
Number of Operating Frequencies	981 - 996 total per band
Frequency Stability	±0.005%, Phase Lock Loop frequency control
Modulation Mode	FM
Operating Range	100m (300') typical
Operating Temperature Range	-5° C (23° F) to 45° C (113° F)
Frequency Response	70 Hz to 15 kHz

dual channel E.N.G. UHF wireless systems (PC 465-MC 130)

All **1800 systems** are designed for all kind of applications where a portable receiver is needed, like Electronic News Gathering (E.N.G.) or others.

- Extremely compact receiver easy to mount on a camera with included Velcro-type fastener
- UHF reception with up to 996 frequencies selectable in 25 kHz steps
- Automatic frequency scanning for easy selection of open channels
- Tone Lock™ squelch system eliminates interference when transmitter is off
- Headphone monitor output with independent level control
- Battery level indicator.
- Soft-touch controls for easy frequency selection
- True Diversity operation for freedom from dropouts
- LCD frequency and battery status display with backlight
- Antenna and AF Peak LED indicators
- Easy, user-friendly operation
- Clear, natural sound quality

1800 SERIES RECEIVER

ATW-R1820

899,00 € Dual channel True diversity receiver

This system is equipped with a dual receiver, which consists of two completely independent receiver channels in a single unit, for simultaneous operation of two microphones, which can be mixed already in the receiver to ease the operation and get rid of the needs for additional equipment.

- Two independent balanced outputs (you can assign function of each, independently)

ATW-R1810

529,00 € Single channel True diversity receiver

- Balanced output on receiver allows connection to a balanced microphone-level input on camera, mixer or amplifier.

accessories (PC 458-MC 140)

BEC-AT1810

129,00 € Wireless receiver holder for the ATW-R1810

BEC-AT1820

129,00 € Wireless receiver holder for the ATW-R1820

BEC-HSA-VERT

89,00 € Hot-shoe vertical mounting for the ATW-R1810

Receiver Specifications	ATW-R1820	ATW-R1810
Receiving System	True diversity	True diversity
Image Rejection	>50 dB typical	>50 dB typical
Signal-to-Noise Ratio	104 dB at 30 kHz deviation (A-weighted), max.modulation 37 kHz	104 dB at 30 kHz deviation (A-weighted), max.modulation 37 kHz
Total Harmonic Distortion	<1% (±10 kHz deviation at 1 kHz)	<1% (±10 kHz deviation at 1 kHz)
Sensitivity	25 dBµV, (S/N 60 dB at 5 kHz deviation, A-weighted)	25 dBµV, (S/N 60 dB at 5 kHz deviation, A-weighted)
Audio Output (balanced)	27 mV (at 1 kHz, ±5 kHz deviation)	27 mV (at 1 kHz, ±5 kHz deviation)
Output Connector	3-pin mini XLR (TA3M-type)	3-pin mini XLR (TA3M-type)
Monitor Headphone Output (typical)	35 mW max., 32 Ω load (per channel)	35 mW max., 32 Ω load
Monitor Headphone Jack	3.5 mm TRS, signals on both Tip and Ring	3.5 mm TRS, signals on both Tip and Ring
External Power Requirements	12V DC nominal, 500 mA	12V DC nominal, 500 mA
Batteries (not included)	Six 1.5V AA alkaline	Four 1.5V AA alkaline
Battery Life	Dual / Single Channel Operation 6 hours typical* / 10 hours typical* * depends on battery type and use pattern	Single Channel Operation 10 hours typical*
Dimensions	85.0 mm (3.35") W x 133.0 mm (5.24") H x 36.0 mm (1.42") D	75.0 mm (2.95") W x 125.00 mm (4.92") H x 32.0 mm (1.25") D
Net Weight (without batteries)	425 grams (15.0 oz)	300 grams (10.5 oz)
Accessories Included	Two flexible UHF antennas; two 45 cm (18") TA3F to XLRM output cables; belt pouch, velcro	Two flexible UHF antennas; one 45 cm (18") TA3F to XLRM output cables; belt pouch, velcro

dual channel E.N.G. UHF wireless systems (PC 465-MC 130)

1800 series

1800 SERIES TRANSMITTER

ATW-T1801

269,00 € UniPak™ Body-pack transmitter

ATW-T1802

329,00 € Plug-on transmitter controls plug-on transmitters feature a locking XLR connector for adapting dynamic and condenser microphones

1800 SERIES SYSTEM PACKS

ATW-1824

1437,00 € Dual channel UHF Wireless Microphone System with Body-pack transmitters

ATW-R1820 Dual-channel receiver

Two ATW-T1801 UniPak™ Bodypack Transmitters

ATW-1822

1557,00 € Dual channel UHF Wireless Microphone System with Plug-on transmitters

ATW-R1820 Dual-channel receiver

Two ATW-T1802 Plug-on Transmitters

ATW-1826

1497,00 € Dual channel UHF Wireless Microphone System with Body-pack and Plug-on transmitters

ATW-R1820 Dual-channel receiver

ATW-T1801 UniPak™ Bodypack Transmitter

ATW-T1802 Plug-on Transmitter

ATW-1812

858,00 € Single channel UHF Wireless Microphone System with Plug-on transmitter

ATW-R1810 Single-channel receiver

ATW-T1802 Plug-on Transmitter

ATW-1814

798,00 € Single channel UHF Wireless Microphone System with Body-pack transmitter

ATW-R1810 Single-channel receiver

ATW-T1801 UniPak™ Bodypack Transmitter

For use with ATW-T1801 and all A-T UniPak™ Wireless Transmitters, see page 111 to 113 **Wireless Essentials®**.

System components of the 1800 Series and 3000b Series Wireless Systems can be used interchangeably*

Add the letter C or D to the end of the part number to denote required frequency band



ATW-T1801



ATW-T1802

ATW-T1801 Body-pack Transmitter

RF Power Output	High: 30 mW; Low: 10 mW, nominal
Spurious Emissions	According to R&TTE Directive
Dynamic Range	>105 dB, A-weighted
Input Connections	High impedance, low impedance, bias
Antenna Tip Color	Band C: Blue Band D: Green
Batteries (not included)	Two 1.5V AA alkaline
Battery Life	Approximately 6 hours (High); 8 hours (Low), depending on battery type and use pattern
Dimensions	66.0 mm (2.60") W x 87.0 mm (3.43") H x 24.0 mm (0.94") D
Net Weight (without batteries)	80 grams (2.8 oz.)

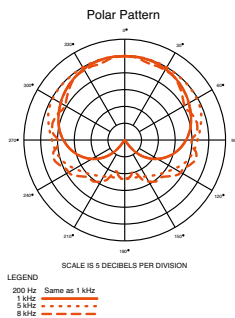
ATW-T1802 Plug-on Transmitter

RF Power Output	High: 30 mW; Low: 10 mW, nominal
Spurious Emissions	According to R&TTE Directive
Dynamic Range	>105 dB, A-weighted
Input Connector	3-pin locking XLR-type
Microphone Power	Compatible with Condenser microphones rated to operate on 12V phantom power or less.
Batteries (not included)	Two 1.5V AA alkaline
Battery Life	Approximately 6 hours (High); 8 hours (Low), depending on battery type and use pattern
Dimensions	40.0 mm (1.57") x 111.0 mm (4.37") x 40.0 mm (1.57")
Net Weight (without batteries)	199 grams (7.0 oz)

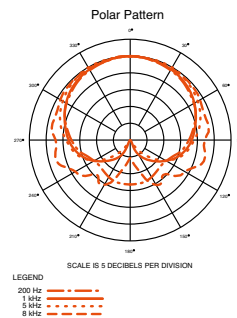
artist elite wireless



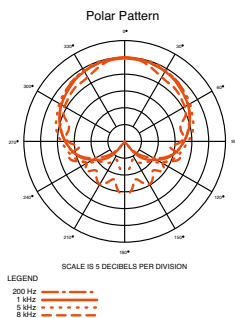
AEW-T5400a



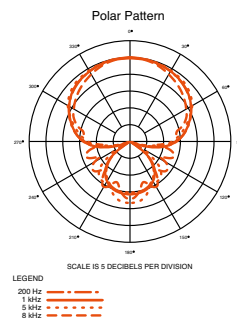
AEW-T3300a



AEW-T4100a



AEW-T6100a



*Katherine Jenkins,
the young Welsh soprano
using the AEW-T5400a*

artist elite® handheld transmitters (PC 480-MC 130)

- All transmitters offer rugged, ergonomic metal bodies, programmable features, soft touch controls, and 10 mW/35 mW switchable RF power
- Backlit LCD displays on transmitters
- All components store up to five preset configurations, with customized "names" if desired

UHF SERIES ARTIST ELITE® WIRELESS TRANSMITTERS (4000 & 5000)

AEW-T5400a

820,00 € Cardioid large diaphragm condenser UHF transmitter

Including AT8456a stand clamp.

The same element as AE5400 (using the large-diaphragm element as in the AT4050)

AEW-T3300a

680,00 € Cardioid condenser UHF transmitter

Including AT8456a stand clamp.

The same element as AE3300 (used in the legendary AT4033)

AEW-T4100a

580,00 € UHF Cardioid dynamic transmitter

Including AT8456a stand clamp.

The same element used in the AE4100

AEW-T6100a

580,00 € UHF Hypercardioid dynamic transmitter

Including AT8456a stand clamp.

The same element used in the AE6100.



AEW-T5400a:
The same large-diaphragm
element used in the
AT4050.

AEW-T3300a:
The same element used in
the legendary **AT4033.**



artist elite® UniPak transmitters (PC 480-MC 130)

4000/5000 UniPak™ TRANSMITTER

AEW-T1000a

420,00 € UHF UniPak™ transmitter

Compatible with the **Wireless Essentials®** range.

Rugged, ergonomic metal housing.

Includes field-replaceable helical and flexible-whip antennas.

Three-position sliding cover limits access to controls as desired: full access, Power/Mute button only, or no access. Two position mounting clip.

- Locking battery door on UniPak body-pack transmitter.

For use with AEW-T1000 and all Audio-Technica UniPak™ Wireless Transmitters, see **Wireless Essentials®** page 108 to 109.



AEW-T1000a on a curling player, part of a 44 channel set up installed during 2006 Winter Games.



AEW-T1000a

Specifications	AEW-T1000a UniPak™	Handheld Transmitters
RF Power Output	High: 35 mW; Low: 10 mW, nominal	High: 35 mW; Low: 10 mW, nominal
Dynamic Range	Microphone: ≥ 110 dB, A-weighted Instrument: ≥ 100 dB, A-weighted	≥ 110 dB, A-weighted
Input Connections	High impedance, low impedance, bias	Two 1.5V AA alkaline
Batteries (not included)	Two 1.5V AA alkaline	Two 1.5V AA alkaline
Battery Life	Approx. 8 hours (High) - 10 hours (Low)	Approx. 6 hours (High) - 8 hours (Low)
Battery Life	Approximately 8 hours (High); 10 hours (Low), depending on battery type and use pattern	Approximately 6 hours (High); 8 hours (Low), depending on battery type and use pattern
Dimensions	66.0 mm W x 87.0 mm H x 24.0 mm D	AEW-T3300a, AEW-T5400a: 239.0 mm long, 50.0 mm Ø AEW-T4100a, AEW-T6100a: 237.0 mm long, 48.0 mm Ø
Net Weight (without batteries)	125 g	AEW-T3300a: 270 g - AEW-T4100a: 276 g AEW-T5400a: 285 g - AEW-T6100a: 275 g

artist elite wireless

artist elite wireless



AEW-R5200



artist elite® wireless receivers (PC 480-MC 130)

5000 SERIES RECEIVER FREQUENCY-AGILE TRUE DIVERSITY UHF WIRELESS SYSTEMS WITH COMPUTER INTERFACE

Designed for use on professional tours, in stadiums, concert halls, houses of worship and other demanding audio environments, Audio-Technica's dual-receiver **Artist Elite® 5000 Series** provides incredible audio quality and proven, critically acclaimed performance for artists, broadcasters and presenters worldwide.

The newly upgraded **5000 Series** sets standards for wireless live sound, with its dual-comparator circuitry that processes high and low frequencies separately. It also features A-T's proprietary IntelliScan™ capability, 996-channel frequency agility, True Diversity operation, soft-touch controls, digital Tone Lock™ squelch, backlit LCD displays on all transmitters, and locking battery doors on the **UniPak®** body-pack transmitters.

With two independent True Diversity receivers in a single full-rack housing, the **5000 Series** conserves rack space while providing outstandingly reliable and flexible performance. Receivers may be linked to form a complete system in which the built-in IntelliScan capability automatically determines and sets the best available frequencies on all linked receivers. Equipped with Ethernet ports, the **5000 Series** receiver allows computer management and control from anywhere via new wireless control software; access computer control from a front-of-the-house rack in the same room, or clear across the country, making it truly a 21st century product.

Multiple system configurations are available, with handheld vocal microphone/transmitters and **UniPak®** body-pack transmitters designed for use with lavalier, headworn and instrument microphones as well as electric guitars.

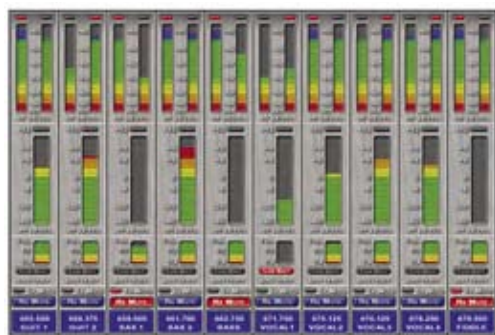
- Two independent receivers in a single housing
- 996 selectable UHF channels per band and True Diversity reception for interference-resistant operation
- IntelliScan™ feature automatically finds and sets best available frequencies on all linked receivers
- On-board Ethernet interface for monitoring and controlling system parameters with included AEW Control Interface software
- Advanced digital Tone Lock™ squelch effectively blocks stray RF; the digitally encoded tone also communicates transmitter data for receiver display
- Dual Compressor circuitry processes high and low frequencies separately for unmatched audio quality
- 1/4" external mute switch jack allows user to mute the system quickly and easily
- AC pass-through allows daisy-chain AC hookup with included IEC jumper cables
- Link and coordinate multiple receiver channels
- High-visibility white-on-blue LCD information display
- Metal full-rack receiver chassis with reinforced mounting ears and rear rack mount capability

AEW-R5200

2 600,00€ Frequency-agile true diversity UHF dual receiver with ethernet connection

- Included CD-Rom with computer interface software
- Ethernet interface for controlling system parameters (new wireless control software included)

See page 110 and 111, **Wireless Accessories**



On-board Ethernet interface and included software on CD permit monitoring and controlling system parameters and operation from an associated computer.

Receiver Specifications		AEW-R5200
Receiving System		Dual independent RF sections, automatic-switching diversity
Image Rejection		60 dB typical
Signal-to-noise Ratio		115 dB at 40 kHz deviation (IEC-weighted), 75 kHz maximum modulation
Total Harmonic Distortion		<=1% (10 kHz deviation at 1 kHz)
Sensitivity		20 dBµV (S/N 70 dB at 5 kHz deviation, IEC-weighted)
Intermediate Frequency		65.75 MHz, 10.7 MHz
Audio Output		Microphone: 25 mV (at 1 kHz, ±5 kHz deviation, 10k ohm load), transformer isolated and balanced (ATTN switch at "0") Instrument: 50 mV (at 1 kHz, ±5 kHz deviation, 10k ohm load), transformer isolated and balanced (ATTN switch at "0")
Audio Output Attenuator (ATTN)		Three-position switch: 0 / -6 / -12 dB
Output Connectors		Microphone: XLRM-type, balanced Instrument: 1/4" (6.3 mm) TRS balanced phone jack
Headphone Output		Connector: 1/4" (6.3 mm) TRS ("stereo") phone jack. Power Output: 10 mW + 10 mW into 32 ohms (at 1 kHz, ±5 kHz deviation); maximum output: 220 mW + 220 mW into 32 ohms. Headphones switchable between Channel 1 and Channel 2.
External Mute		1/4" (6.3 mm) TS unbalanced phone jack, each channel
Antenna Power		DC 10V-12V, 20 mA (BNC-type jack)
Computer Interface		Type: Ethernet, 10BaseT mode
Connector:		RJ-45
Proprietary Software:		supplied on CD-ROM
Power Supply		100-240V AC 50/60 Hz, 15W
Pass-through AC Power Outlet		100-240V AC 50/60 Hz, 5A maximum
Dimensions		482.0 mm (18.98") W x 44.0 mm (1.74") H x 275.5 mm (10.85") D
Net Weight		4.0 kg (8.8 lbs) (without accessories)
Accessories Included		Detachable IEC-type AC power cable; two flexible UHF half-wave antennas; link cable; IEC-type AC pass-through cable; front-mount antenna cables and connectors; CD-ROM with computer control interface software

artist elite® wireless systems (PC 480-MC 130)

Audio-Technica's upgraded **4000 Series** frequency-agile UHF body-pack and handheld wireless systems bring outstanding clarity and versatility to live performance, regional touring, fixed installations and more. At the heart of the **4000 Series** is a rugged True Diversity half-rack receiver, the **AEW-R4100**, with 996 selectable channels offered in each of two available UHF bands.

Receivers from both the **4000** and **5000 Series** may be linked; they may be monitored by the **5000 Series** system software. The included IntelliScan™ feature automatically determines and sets the best available frequencies on all linked receivers.

4000 SERIES RECEIVER FREQUENCY-AGILE TRUE DIVERSITY UHF WIRELESS SYSTEMS

- 996 selectable UHF channels per band and True Diversity reception for interference-resistant operation
- IntelliScan™ feature automatically finds and sets best available frequencies on all linked receivers
- Advanced digital Tone Lock™ squelch effectively blocks stray RF; the digitally encoded tone also communicates transmitter data for receiver display
- Dual Compressor circuitry processes high and low frequencies separately for unmatched audio quality
- Link and coordinate multiple receiver channels
- High-visibility white-on-blue LCD information display
- Metal half-rack receiver chassis with mounting hardware

AEW-R4100

980,00 € Frequency-agile true diversity UHF receiver

ACCESSORIES (PC 458-MC 140)

AT8628B

32,00 € Joining plate kit allow mounting two **AEW-R4100** receivers in a single 19" rack space

See page 110 and 111, **Wireless Accessories**

Overall 4000 and 5000 Series systems specifications

Operating Frequencies

UHF Band C: Frequency Range	541.500 to 566.375 MHz (996 frequencies)
UHF Band D: Frequency Range	655.500 to 680.375 MHz (996 frequencies)
UHF Band G: Frequency Range	721.500 to 746.375 MHz (996 frequencies)

Number of Channels	996 channels per band
Frequency Stability	±0.005%, Phase Lock Loop frequency control
Modulation Mode	FM
Normal Deviation	±5 kHz
Operating Range	300' typical
Operating Temperature Range	5° C to 45° C
Frequency Response	70 Hz to 15 kHz

Receiver Specifications **AEW-R4100**

Receiving System	Dual independent RF sections, automatic-switching diversity
Image Rejection	60 dB typical
Signal-to-Noise Ratio	115 dB at 40 kHz deviation (IEC-weighted, 75 kHz maximum modulation)
Total Harmonic Distortion	<=1% (10 kHz deviation at 1 kHz)
Sensitivity	20 dBμV (S/N 70 dB at 5 kHz deviation, IEC-weighted)
Intermediate Frequency	65.75 MHz, 10.7 MHz
Audio Output	Microphone: (ATTN switch at "0") 25 mV (at 1 kHz, ±5 kHz deviation, 10k ohm load) Instrument: (ATTN switch at "0") 50 mV (at 1 kHz, ±5 kHz deviation, 10k ohm load)
Audio Output Attenuator (ATTN)	Three-position switch: 0 / -6 / -12 dB
Output Connectors	Microphone: XLRM-type (balanced) Instrument: 1/4" (6.3 mm) TS unbalanced phone jack
Headphone Output	Connector: 1/4" (6.3 mm) TRS ("stereo") phone jack
Power Output:	10 mW + 10 mW at 1 kHz, ±5 kHz deviation into 32 ohms; maximum output, 220 mW + 220 mW into 32 ohms.
Antenna Power	DC 10V-12V, 20 mA (BNC-type jack)
Power Supply	100-240V AC 50/60 Hz; 8W
Dimensions	211.0 mm W x 44.0 mm H x 235.0 mm D
Net Weight	1.7 kg
Accessories Included	Detachable IEC-type AC power cable; two flexible UHF half-wave antennas; link cable; rack-mount adapters



AEW-R4100

3000b series



ATW-T341b

ATW-T310b



ATW-T371b

frequency-agile true diversity UHF wireless systems (PC 468-MC 120)

Audio-Technica's third-generation **3000b Series** wireless systems offer up to 1001 selectable UHF frequencies and new features for clear sound & intuitive operation. We've simplified selection of usable frequencies, increased system reliability, and illuminated transmitter screens for clearer visibility on dark stages. It all adds up to the luxury of rock-solid, richly detailed high-fidelity sound.

The **3000b Series** is designed for a wide range of applications including live performance, fixed installation, public address, and houses of worship.

The new **ATW-R3100b** receiver benefits from a newly designed high specification front end filtering system, dual independent diversity along with the latest Audio-Technica 1/2 wave antenna technology (depending on frequency band) to maximise both simultaneous frequency use and range. The 12VDC bias voltage on both BNC antenna inputs allows operation with the ATW-B80 antenna booster or other active components.

The new frequency scan function enables automatic assignment of clear open channel selection.

All components in the new **3000b Series** have soft-touch controls for quick, easy access to the most important functions during set-up and operation. The system is compatible with the entire line of **Wireless Essentials®** mics and cables.

3000b SERIES TRANSMITTERS

ATW-T310b

260,00 € 3000b Series UniPak™ transmitter with a new locking battery compartment providing a more secure latch and more robust design

For use with **ATW-T310b** and all Audio-Technica UniPak™ Wireless Transmitters, see **Wireless Essentials®** page 108 to 109.

ATW-T341b

320,00 € 3000b Series handheld microphone/ transmitter with cardioid dynamic element.
The same element used in the **AE4100**.

ATW-T371b

400,00 € 3000b Series handheld microphone/ transmitter with cardioid condenser element.
The same element used in the **ATM710**.

- The **ATW-T371b** is the latest addition to the 3000b Series line up of products. It features a cardioid polar pattern to efficiently reduce feedback making it the first choice for on-stage use where you need to combine high reliability with the extended sound performance of a high class condenser microphone.

Specifications	ATW-T310b UniPak™ Transmitter	ATW-T341b and ATW-T371b Handheld Transmitters
RF Power Output	High: 30 mW, Low: 10 mW	High: 30 mW, Low: 10 mW
Dynamic Range	≥110 dB, A-weighted	≥110 dB, A-weighted
Microphone Element		ATW-T341b Dynamic cardioid ATW-T371b Condenser cardioid
Batteries (not included) alkaline	Two 1.5V AA alkaline	Two 1.5V AA
Battery Life	Approx. 6 hours (High); 8 hours (Low)	Approx. 6 hours (High); 8 hours (Low) depending on battery type and use pattern
Dimensions	66 mm x 87 mm x 24 mm (W x H x D)	237 mm long - Ø 48 mm
Weight (without battery)	80 grams	280 grams
Accessories Furnished		AT8456a Quiet-Flex™ stand clamp

frequency-agile true diversity UHF wireless systems (PC 468-MC 120)

3000b series

3000b SERIES RECEIVER

ATW-R3100b

249,00 € UHF diversity receiver with up to 1001 frequencies, with frequency scan function enabling automatic channel assignment

- Nine pre-coordinated frequency scan groups
- True Diversity operation reduces dropouts
- Advanced digital Tone Lock™ squelch

RECEIVERS ACCESSORIES (PC 458-MC 140)

AT8630

29,00 € Joining plate kit for mounting two 3000b Series receivers in a single 19" rack space

ATW-RM1

69,00 € Rack-mount hardware kit for Audio-Technica 2000a and 3000b Series wireless systems and for ATW-DA49 antenna distribution system.

Allows mounting a half-rack receiver or distribution system in a 19" audio equipment rack; brings antennas to the front for improved reception.

Includes: Long rack ear ;
Short rack ear ;
Two BNC bulkhead connectors with mounting hardware ;
Two 86 cm BNC-to-BNC cables

3000b SERIES SYSTEMS (PC 458-MC 140)

ATW-3141b

499,00 € Handheld transmitter system

- ATW-T341b handheld microphone/ transmitter with AE4100 dynamic capsule
- ATW-R3100b receiver

ATW-3171b

569,00 € Handheld transmitter system

- ATW-T371b handheld condenser microphone with ATM710 condenser capsule
- ATW-R3100b receiver

ATW-3110b

449,00 € 3000b Series UniPak™ system

- ATW-R3100b receiver
- ATW-T310b UniPak™ transmitter

ATW-3110b/G

469,00 € 3000b Series UniPak™ guitar system

- with AT-GcW instrument cable
- ATW-3110b UniPak™ transmitter system

ATW-3110b/P

489,00 € UniPak™ system with AT829cW

- AT829cW miniature cardioid condenser mic.
- ATW-3110b UniPak™ transmitter system

ATW-3110b/P1

599,00 € UniPak™ system with AT899cW

- AT899cW subminiature omnidirectional condenser mic.
- ATW-3110b UniPak™ transmitter system

ATW-3110b/P2

559,00 € UniPak™ system with AT831aW

- AT831aW miniature cardioid condenser mic.
- ATW-3110b UniPak™ transmitter system

ATW-3110b/P3

529,00 € UniPak™ system with MT838cW

- MT838cW omnidirectional condenser Lavalier microphone
- ATW-3110b UniPak™ transmitter system

ATW-3110b/H

509,00 € UniPak™ system with PRO8HEcW

- PRO8HEcW headworn hypercardioid dynamic microphone
- ATW-3110b UniPak™ transmitter system

ATW-3110b/HC1

529,00 € UniPak™ system with ATM75cW

- ATM75cW headworn cardioid condenser microphone
- ATW-3110b UniPak™ transmitter system

ATW-3110b/HC2

609,00 € UniPak™ system with ATM73cW

- ATM73cW professional headworn cardioid condenser microphone
- ATW-3110b UniPak™ transmitter system



ATW-R3100b Receiver Specifications

Receiving System	True diversity
Image Rejection	60 dB nominal, 55 dB minimum
Dynamic Range	>110 dB (A-weighted), typical
Total Harmonic Distortion	≤1% (10 kHz deviation at 1 kHz)
Sensitivity	24 dBμV (S/N 60 dB at 5 kHz deviation, IEC-weighted)
Audio Output	Unbalanced : +7 dBV, 1/4" phone jack Balanced : +9 dBV, XLRM-type
Antenna Input	BNC-type 50 Ohms Bias voltage 12V DC, 60mA each
Dimensions	210 mm x 49 mm x 176 mm (W x H x D)
Weight	1.1 kg (2.4 lbs)
Accessories Furnished	Two flexible UHF antennas, rack mount adapters
Optional System Accessory	AT8630 joining-plate kit, mounts two ATW-R3100b receivers in one rack space

Overall System Specifications

	UHF band	Frequency Range	Nbr Frequencies
Number of Channels		up to 1001 depending on frequency band	
Frequency Stability		±0.005% Phase Lock Loop frequency control	
Modulation Mode		FM	
Operating Range		100 m typical	
Frequency Response		70 Hz to 15,000 Hz	
	C Band	541.500 - 566.375 MHz	996
	U Band	606.000 - 631.000 MHz	996
	D Band	655.500 - 680.375 MHz	996
	G Band	721.500 - 746.375 MHz	996

Not all frequencies are available in all areas.
Please check with local regulations.

2000a series



ATW-T210a



ATW-T220a



ATW-CHG2

2000a series frequency-agile UHF wireless systems (PC 466-MC 120)

Audio-Technica's second generation of the well known **2000 Series** now offers increased RF power on both the handheld and belt pack transmitters for increased link stability. Charging contacts on the transmitters allow easy operation with rechargeable batteries. The new **ATW-R2100a** receiver benefits from the latest Audio-Technica 1/2 wave antenna technology (depends on the frequency range) to maximise range. The 12VDC bias voltage on both BNC antenna inputs allows operation with the ATW-B80 antenna booster or other active components. With this breakthrough series, Audio-Technica makes easy setup, automatic scanning and other advanced wireless features affordable as never before. Automatic frequency scanning—standard on all **2000a Series** wireless receivers—finds and sets the best available channel at the touch of a button. For those using multiple wireless systems simultaneously, the **2000a Series** offers another ease-of-use feature: any of its 10 channels may be used together—eliminating confusing frequency groups and other frequency-coordination problems.

2000a SERIES INDIVIDUAL COMPONENTS

ATW-T210a

160,00 € 2000a Series UniPak™ transmitter

ATW-T220a

220,00 € 2000a Series handheld microphone/ transmitter with unidirectional dynamic element

2000a SERIES RECEIVER

ATW-R2100a

160,00 € UHF diversity receiver

2000a CHARGER

ATW-CHG2

169,00 € Plug-in charging unit for two 2000a Series radio transmitters

The **ATW-CHG2** charging unit can charge two transmitters simultaneously. Both the handheld and belt pack transmitters of the 2000a series have integrated charging contacts and there is no risk of overcharging.

ACCESSORIES (PC 458-MC 140)

AT8630

29,00 € Joining plate kit for mounting two ATW-R2100 receivers in a single 19" rack space

ATW-RM1

69,00 € Rack-mount hardware kit for Audio-Technica 2000a and 3000b Series wireless systems and for ATW-DA49 antenna distribution system.

Specifications	ATW-T210a UniPak™ Transmitter	ATW-T220a Handheld Transmitter
RF Power Output	10mW / 30mW	10mW / 30mW
Microphone Element		Dynamic, unidirectional
Batteries (not included)	Two 1.5V AA alkaline or rechargeable AA NiMH	Two 1.5V AA alkaline or rechargeable AA NiMH
Battery Life	Approximately 9 hours (low), 7 hours (high)	Approximately 9 hours (low), 7 hours (high)
Dimensions	66 mm x 92,3 mm x 22,5 mm (W x H x D)	229 mm long - Ø 53,5 mm max.
Weight (without battery)	80 grams	221 grams
Accessories Furnished		AT8456a stand clamp

2000a series frequency-agile UHF wireless systems (PC 466-MC 120)

2000a series

- Automatic frequency scanning finds an open channel at the touch of a button
- Up to 10 user selectable channels are available. Compatibility varies from country to country
- True Diversity operation selects the better signal from the two receiver sections, reducing dropouts
- Tone Lock™ tone squelch system fights interference
- Rugged metal half-rack receiver with soft-touch controls and LCD display featuring RF and AF metering
- Ground-lift switch helps eliminate audible hum caused by ground loops between the sound system and receiver
- **ATW-T220a** Handheld Microphone/Transmitter features a **PRO 41** capsule for maximum feedback rejection and consistent sound

ATW-2120a

- 349,00 € Handheld transmitter system
- ATW-T220a handheld microphone/transmitter
 - ATW-R2100a receiver

ATW-2110a

- 299,00 € 2000a Series UniPak™ system
- ATW-T210a UniPak™ transmitter
 - ATW-R2100a receiver

ATW-2110a/G

- 319,00 € 2000a Series UniPak™ guitar system
- With AT-GcW instrument cable
 - ATW-2110a UniPak™ transmitter system

ATW-2110a/P

- 339,00 € UniPak™ system with AT829cW
- AT829cW miniature cardioid condenser mic.
 - ATW-2110a UniPak™ transmitter system

ATW-2110a/P1

- 449,00 € UniPak™ system with AT899cW
- AT899cW subminiature omnidirectional condenser mic.
 - ATW-2110a UniPak™ transmitter system

ATW-2110a/P2

- 409,00 € UniPak™ system with AT831aW
- AT831aW miniature cardioid condenser mic.
 - ATW-2110a UniPak™ transmitter system

ATW-2110a/P3

- 379,00 € UniPak™ system with MT838cW
- MT838cW omnidirectional condenser Lavalier microphone
 - ATW-2110a UniPak™ transmitter system

ATW-2110a/H

- 359,00 € UniPak™ system with PRO8HEcW
- PRO8HEcW headworn hypercardioid dynamic microphone
 - ATW-2110a UniPak™ transmitter system

ATW-2110a/HC1

- 379,00 € UniPak™ system with ATM75cW
- ATM75cW headworn cardioid condenser microphone
 - ATW-2110a UniPak™ transmitter system

ATW-2110a/HC2

- 459,00 € UniPak™ system with ATM73cW
- ATM73cW professional headworn cardioid condenser microphone
 - ATW-2110a UniPak™ transmitter system



ATW-R2100a Receiver Specifications

Receiving System	True diversity
Image Rejection	55 dB nominal, 50 dB minimum
Signal-to-Noise Ratio	>100 dB at 40 kHz deviation (A-weighted), maximum modulation 40 kHz
Total Harmonic Distorsion	≤1% (10 kHz deviation at 1 kHz)
Sensitivity	20 dBμV (S/N 60 dB at 5 kHz deviation, IEC-weighted)
Audio Output	Unbalanced: 25 mV (100k ohms load), 1/4" phone jack Balanced: 50mV (Attenuator; 0dB) 12.5mV (Attenuator; -12dB) at 1kHz, +/- 5kHz deviation, 100k ohm load., XLRM-type
Antenna Input	BNC-type 50 Ohms - Bias voltage 12V DC, 60mA each
Dimensions	210 mm x 44 mm x 162.2 mm (W x H x D)
Weight	1.0 kg (2.2 lbs)
Accessories Furnished	Two flexible UHF antennas, rack mount adapters, AC Adapters
Optional System Accessory	AT8630 joining-plate kit, mounts two ATW-R2100 receivers in single 19" rack space

Overall System Specifications

	UHF band	Frequency Range
Number of Channels	10 total	
Frequency Stability	±0.005% Phase Lock Loop frequency control	
Modulation Mode	FM	
Operating Range	100 m (300') typical	
Frequency Response	100 Hz to 15,000 Hz	

	Frequency Range
I Band	482.000 - 507.000 MHz
D Band	656.125 - 678.500 MHz
U Band	606.000 - 631.000 MHz
G Band	721.500 - 746.375 MHz
F Band	856.100 - 864.900 MHz

Not all frequencies are available in all areas.
Please check with local regulations.

700 series



ATW-R700 Receiver Specifications

Receiving System	Antenna-switching diversity
Image Rejection	55 dB minimum
Signal-to-Noise Ratio	>80 dB at 10 kHz deviation (IEC-weighted) maximum modulation 25 kHz
Total Harmonic Distortion	≤1% (10 kHz deviation at 1 kHz)
Sensitivity	25 dBμV for 60 dB S/N (IEC-weighted)
Audio Output (1 kHz modulation, 10 kHz deviation)	Unbalanced: 211 mV (-13.5 dBV) Balanced: 150 mV (-16.5 dBV)
Output Connector	Unbalanced: 1/4" TS ("mono") phone jack Balanced: XLRM-type
Power Supply	230VAC (50Hz) to 12V DC 500mA (center positive), external power supply
Dimensions	190.0 mm W x 42.0 mm H x 130.0 mm D
Weight	365 g
Accessories Furnished	Power supply

Overall System 700 Specifications

U-Band Frequency Range	Plan A: UHF - 606.000 MHz to 614.000 MHz Plan B: UHF - 614.000 MHz to 631.000 MHz
F-Band Frequency Range	UHF - 840.000 MHz to 865.000 MHz
Frequency Stability	±0.005% Phase Lock Loop frequency control
Modulation Mode	FM
Operating Range	80 m
Frequency Response	100 Hz to 12,000 Hz

Specifications	ATW-T701 UniPak™ Transmitter	ATW-T702 Handheld Transmitter
RF Power Output	High: 10 mW; Low: 5 mW	10 mW
Dynamic Range	> 100 dB, A-weighted	> 100 dB, A-weighted
Input connections	High impedance, low impedance, bias	
Microphone Element		Dynamic, unidirectional
Battery	Two 1.5V AA alkaline (not included)	Two 1.5V AA alkaline (not included)
Battery Life	Approximately 8 hours (High); 10 hours (Low), depending on battery type and use pattern	Approximately 12 hours, depending on battery type and use pattern
Dimensions	65.0 mm W x 105.0 mm H x 18.5 mm D	245.0 mm long, 53.5 mm diameter
Net Weight	80 g	257 g (without batteries)
Accessory included		AT8456a Quiet-Flex™ stand clamp

700 series wireless systems (PC 473-MC 110)

Audio-Technica's **700 Series** wireless delivers professional features and sound quality unheard of in its class. These easy-to-use wireless systems feature eight selectable frequency-coordinated channels, diversity operation for increased range/reliability, automatic frequency scanning, Tone Lock™ squelch and more. 700 Series systems come equipped with your choice of handheld, headworn, or lavalier microphones; or choose a system designed for guitar hookup. For multiple-mic applications, as many as eight systems may be used together per frequency band.

- 8 selectable per frequency band-coordinated UHF channels
- Use up to 8 simultaneous systems—all channels compatible
- Automatic frequency scanning
- Diversity operation for increased range/reliability
- LED Channel display plus Antenna, AF Peak indicators
- Balanced XLR and unbalanced 1/4" output connectors
- Tone Lock™ squelch system eliminates interference when transmitter is off
- UniPak™ transmitter features: separate guitar/mic trim control, switchable high/low RF power, internal channel selector, multi-color battery/power indicator
- Handheld transmitter features: variable trim control, internal channel selector, multi-color battery/power indicator
- Body-pack systems are compatible with all Audio-Technica Wireless Essentials® microphones and cables

ATW-702 Vocal

199,00 € 700 Series frequency-agile diversity UHF handheld transmitter system

- ATW-R700 receiver and ATW-T702 handheld unidirectional dynamic microphone/transmitter.
- Includes AT8456a Quiet-Flex™ stand clamp.

ATW-701 Options

179,00 € 700 Series frequency-agile diversity UHF UniPak transmitters system

- ATW-R700 receiver and ATW-T701 UniPak™ transmitter.
- Select a **Wireless Essentials®** microphone or cable to complete the system (see pages 97 to 99).

ATW-701/G Guitar

199,00 € 700 Series frequency-agile diversity UHF guitar system

- ATW-R700 receiver and ATW-T701 transmitter with AT-GcW Hi-Z instrument/guitar cable with 1/4" phone plug

ATW-701/P Presenter

219,00 € 700 Series frequency-agile diversity UHF lavalier microphone system

- ATW-R700 receiver and ATW-T701 UniPak™ transmitter with AT829cW lavalier microphone.

ATW-701/H Active

239,00 € 700 Series frequency-agile diversity UHF dynamic headworn microphone system

- ATW-R700 receiver and ATW-T701 UniPak™ transmitter with PRO8HEcW headworn microphone.

ATW-701/P+ Presenter +

289,00 € 700 Series frequency-agile diversity UHF UniPak transmitters system

- ATW-R700 receiver and ATW-T701 UniPak™ transmitter with PRO92cW-TH headworn microphone

700 SERIES INDIVIDUAL COMPONENTS

ATW-T701

89,00 € 700 Series UniPak™ transmitter

ATW-T702

109,00 € 700 Series handheld microphone / transmitter with unidirectional dynamic element

ACCESSORIES (PC 458-MC 140)

AT8671

39,00 € Rack mount tray for one receiver

AT8672

39,00 € Rack mount tray for two receivers

microphones for use with **Audio-Technica UniPak™** transmitters (PC 495-MC 430)

wireless essentials

All microphones page 111 to 113 are fitted with a 4-pin HRS connector, for use with Audio-Technica UniPak™ transmitters.

MICROSET WIRELESS HEADWORN MICROPHONES

BP892cW

299,00 € MicroSet® headworn omnidirectional condenser microphone
Includes two element covers, two windscreens and cable clip

BP892cW-TH

299,00 € MicroSet® headworn microphone beige colour
BP892cW with beige colour finish microphone and cable

SUBMINIATURE WIRELESS HEADWORN MICROPHONES FOR USE WITH AUDIO-TECHNICA UniPak™ WIRELESS SYSTEMS

BP893cW

239,00 € Less power module; 1.4 m cable terminated with locking 4-pin connector for audio-technica UniPak® wireless systems

BP893cW-TH

239,00 € Same as **BP893cW**, but in "theatre" color (beige)

OMNIDIRECTIONAL CONDENSER HEADWORN MICROPHONE

PRO92cW

120,00 € Omnidirectional condenser headworn microphone
Includes AT8442 clothing clip, storage pouch and AT8158 windscreen.

PRO92cW-TH

120,00 € Omnidirectional condenser headworn microphone beige colour
PRO92cW with beige colour finish microphone and cable

HEADWORN MICROPHONES FOR AUDIO-TECHNICA UniPak™

AT889cW

249,00 € Noise canceling headworn condenser microphone
Humidity and perspiration resistant.

PRO8HEcW

80,00 € Headworn hypercardioid dynamic microphone
(full description page 39)

ATM75cW

90,00 € Headworn cardioid condenser microphone.
(full description page 33)

ATM73cW

170,00 € Headworn cardioid condenser microphone
(full description page 33)



TIE CLIP AND LAVALIER MICROPHONES

ATR35cW

39,00 € Miniature omnidirectional condenser microphone

AT829cW

58,00 € Miniature cardioid condenser microphone supplied with AT8434 clip

AT831aW139,00 € Miniature cardioid condenser microphone
(full description page 58)**AT803aW**129,00 € Omnidirectional tie clip microphone for broadcast applications
(full description page 58)**ES943cW/C**169,00 € Cardioid condenser lavalier microphone, 1.4 m cable
Includes windscreen and clothing clip

SUB-MINIATURE MICROPHONES FOR AUDIO-TECHNICA UNIPAK™

AT898cW169,00 € Subminiature cardioid condenser microphone
(full description page 54)**AT899cW**169,00 € Subminiature omnidirectional condenser microphone
(full description page 54)**AT899cW-TH**169,00 € Beige version of AT899cW
(full description page 54)**BP896cW**

229,00 € Less power module; 1.4 m cable terminated with locking 4-pin connector for A-T UniPak® wireless systems

BP896cW-TH229,00 € Same as **BP896cW**, but in "theater" color (beige)**MT830cW**79,00 € Miniature omnidirectional condenser microphone
(full description page 58)**MT838cW**

99,00 € Omnidirectional microphone with clip and windscreen

INSTRUMENT MICROPHONES FOR AUDIO-TECHNICA UNIPAK™

ATM350cW

260,00 € Cardioid condenser clip-on instrument microphone

PRO35cW110,00 € Cardioid condenser clip-on instrument microphone
(full description page 40)

microphones for use with **Audio-Technica UniPak™** transmitters (PC 495-MC 430)

CONFERENCE MICROPHONES FOR AUDIO-TECHNICA UniPak™

U851cW

222,00 € Unidirectional condenser boundary microphone
(full description page 76)

U841cW

252,00 € Omnidirectional condenser boundary microphone
(full description page 76)

U857ALcW

232,00 € Cardioid condenser gooseneck microphone 42 cm long
(full description page 76)



wireless essentials®



connecting cables for **Audio-Technica UniPak™** transmitters (PC 458-MC 140)

XLRW (same as **AT8317**)

39,00 € XLR cable to HRS connector; 1.50 m

AT-GcW (same as **AT8319**)

24,00 € Guitar cable 6.35 mm jack to HRS connector

AT-GcW-PRO

38,00 € Professional guitar input cable for wireless
Professional ¼" straight connector to locking 4-pin connector for use between
instrument and Audio-Technica UniPak® body-pack wireless transmitter
Length: 90 cm

AT-GRcW-PRO

38,00 € Professional guitar input cable for wireless with right-angle connector
Professional ¼" right-angle connector to locking 4-pin connector for use between
instrument and Audio-Technica UniPak® body-pack wireless transmitter
Length: 90 cm

ATW-RCS1

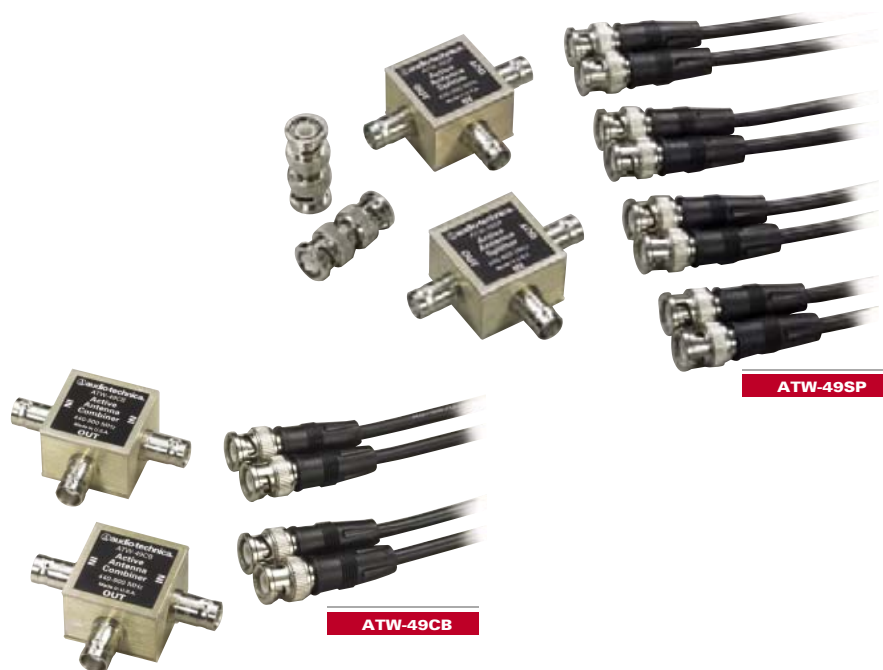
169,00 € Remote momentary mute cough switch
Features a large momentary push button switch

ATW-RMS1

229,00 € Remote mute switch
Features a toggle switch with positive on-off function



wireless accessories



Specifications	ATW-49SP	ATW-49CB
Description	2-Way Active Antenna Splitter	2-Input Active Combiner
Bandwidth	440 MHz to 900 MHz	440 MHz to 900 MHz
VSWR	< 1.7:1 (within specified bandwidth)	< 1.7:1 (within specified bandwidth)
Gain	0 dB typical (within specified bandwidth)	0 dB typical (within specified bandwidth)
Impedance	50 ohms, typical (within specified bandwidth)	50 ohms, typical (within specified bandwidth)
Termination Type	3-BNC Female	3-BNC Female
Weight	51 g	51 g
Dimensions	61 mm W x 47 mm L x 23 mm H	61 mm W x 47 mm L x 23 mm H
DC Input	5-14V DC	5-14V DC
Current	30 mA @ 12V DC	30 mA @ 12V DC
Pass-through Current	100 mA	120 mA (maximum to both inputs combined)

Specifications are subject to change without notice.



wireless accessories (PC 458-MC-140)

ATW-49SP ACTIVE ANTENNA SPLITTER KIT

The Audio-Technica **ATW-49SP** Active Antenna Splitter Kit includes a pair of Active Antenna Splitters.

- Each Active Antenna Splitter is a broadband device that splits an incoming RF signal into two identical outgoing RF signals.

- One set of Active Antenna Splitters enables one set of antennas to feed wireless receivers of different frequency bands.
- Originally designed for use with Audio-Technica 4000 and 5000 Series UHF wireless receivers and ATW-A49 LPDA antennas, the AT-49SP is also suitable for use with a variety of other receivers and antennas

ATW-49SP

289,00 € Active Antenna Splitter Kit

- Each kit includes:
 - 2 x one-input, two-output Active Antenna Splitters;
 - 4 x 45 cm BNC-to-BNC RG 58 coaxial antenna cables;
 - 2 x BNC-to-BNC barrel adapters

ATW-49CB ACTIVE ANTENNA COMBINER KIT

The Audio-Technica **ATW-49CB** Active Antenna Combiner Kit includes two Active Antenna Combiners designed for use with Audio-Technica 4000 and 5000 Series UHF wireless receivers and ATW-A49 LPDA antennas. Each Active Antenna Combiner is a broadband device (frequency range from 440 to 900 MHz) that combines two incoming RF signals into one outgoing RF signal. One set of Active Antenna Combiners enables two sets of antennas to feed one wireless receiver or distribution system.

- One set of Active Antenna Combiners enables two sets of antennas to feed one wireless receiver or distribution system
- Each Active Antenna Combiner is a broadband device (frequency range from 440 to 900 MHz) that combines two incoming RF signals into one outgoing RF signal
- Designed for use with Audio-Technica 4000 and 5000 Series UHF wireless receivers and ATW-A49 LPDA antennas
- The Active Antenna Combiner provides unity gain to compensate for RF signal loss associated with combining signals
- Also suitable for use with a variety of other receivers and antennas

ATW-49CB

289,00 € Active Antenna Combiner Kit

- Each kit includes:
 - 2 dual-input, one-output Active Antenna Combiners; 2 x 45 cm BNC-to-BNC RG 58 coaxial antenna cables

ANTENNA BOOSTERS

Gain: +10db / +3db with switch

Input/Output connector: BNC-R (50 ohms)

Power Supply: 12V DC (Carried by antenna cable)

Size: 25mm (width) x 100mm x (height) x 25mm (depth)

ATW-B80C

399,00 € Pair of antenna boosters for use with 540 – 567 MHz UHF systems

ATW-B80D

399,00 € Pair of antenna boosters for use with 655 – 681 MHz UHF systems

ATW-B80E

399,00 € Pair of antenna boosters for use with 795 – 820 MHz UHF systems

ATW-B80F

399,00 € Pair of antenna boosters for use with 840 to 865 MHz UHF systems

ATW-B80G

399,00 € Pair of antenna boosters for use with 721.500 - 746.375 MHz UHF systems

wireless accessories (PC 458-MC-140)

ANTENNA CABLES

AC12

19,00 € BNC - BNC 4 m link cable, type RG58

AC25

99,00 € BNC - BNC 8 m link cable, type RG8

AC50

P.O.A. BNC - BNC 16 m link cable, type RG8

AC100

P.O.A. BNC - BNC 33 m link cable, type RG8

TRANSMITTERS ACCESSORIES

AEW-TB44

56,00 € Transmitter bag for AEW Series Holds 4 handheld and 4 body pack transmitters

ANTENNAS

ATW-A49

340,00 € Pair of wide band dipole antennas for use with 440-900 MHz UHF systems

ATW-A49S

187,00 € Single wide band dipole antennas for use with 440-900 MHz UHF systems

ANTENNA COMBINER

MCB4

599,00 € Audio-Technica MCB4 Antenna Combiner allows the signals of up to four **M3** Wireless In-Ear Monitor stereo transmitters to be combined into a single transmitting antenna, reducing rack clutter. It is also suitable for many other in-ear wireless systems (with external BNC antenna connections) operating within the 440 to 865 MHz range. The **MCB4** provides one output and four isolated transmitter inputs. All RF connectors are BNC-type. Four jacks on the rear panel (controlled by the unit's power switch) provide 12V DC (center positive) to power as many as four transmitters operating on 12 volts at up to 600 mA each. Included with the unit are four DC cables appropriate for use with **M3T** (or like-powered) transmitters. The 12-volt supplies for powering transmitters are short-circuit protected. The unit features all-metal construction for extreme durability and protection from radio frequency interference.

- Broadband UHF operation (440-865 MHz range)
- Centralized power supply with ability to power four individual transmitters
- Maintains clean signals with low distortion
- Includes hardware for front-mounting the antenna for improved performance
- Includes adapters to allow the unit to be mounted into a single rack space

DIVERSITY UHF ANTENNA DISTRIBUTION SYSTEMS

The UHF active unity-gain antenna distribution systems provides two "1-in, 4-out" RF channels; connects a pair of antennas to as many as four diversity receivers; cascade output provided as a directional coupler for additional distribution system or a fifth diversity receiver. AC pass-through allows daisy-chain AC hookup. Defeatable antenna power. Includes power cables, ten RF cables, front-mount antenna cables and connectors, and four DC power cables.

AEW-DA730G

790,00 € Active unity-gain distribution amplifier for UHF bands 721.500 MHz to 746.375 MHz

AEW-DA660D

660,00 € Active unity-gain distribution amplifier for UHF bands 655.500 MHz to 680.375 MHz

AEW-DA550C

660,00 € Active unity-gain distribution amplifier for UHF bands 540.000 MHz to 567.000 MHz

ATW-DA49 UHF Antenna distribution system

420,00 € The ATW-DA49 is a UHF (wide-band 440-900 MHz) active unity-gain diversity antenna distribution system that enables one pair of antennas to feed multiple wireless systems. Provides two "1-in, 4-out" RF channels; connects a pair of antennas to as many as four wireless receivers. Both input jacks offer switchable +12V DC output on their center pins to operate Audio-Technica active in-line RF devices if desired. The ATW-DA49 is designed to complement Audio-Technica 2000 and 3000b Series wireless systems. It is also suitable for many other wireless systems operating within the 440-900 MHz range. Includes ten RF cables, front-mount antenna cables and connectors, four DC power cables, +12V DC desktop power supply with detachable IEC power cable, and ATW-RM1 rack-mount hardware kit to permit attachment in a standard 19" rack space.

ATW-RM1

69,00 € Rack-mount hardware kit (see the complete description page 103).

wireless accessories



AC12



AEW-TB44



ATW-A49



MCB4



AEW-DA660D



ATW-DA49



ATH-PRO500 sv professional monitor headphones

headphones, electronics, accessories

headphones

A collection of precision reference studio headphones, semi professional studio headphones and computer headset combinations that provide outstanding natural sonic performance.

page 118 to 119

electronics

Audio-Technica SmartMixers® offer automatic control of mixing/selecting inputs, providing simple setup and hands-off operation for many applications.

Problem-solving UniTools® and phantom power supplies, plus in-line attenuators and impedance-matching transformers.

page 120 to 121

turntables and dj headphones

Audio-Technica professional stereo turntable systems.

A selection of Headphones for DJ applications, providing outstanding sonic performance and comfort in any DJing environment.

page 122 to 123

genuine accessories

A selection of Audio-Technica professional microphone Clamps, Mounts and Suspensions for secure and flexible positioning. A selection of Audio-Technica foam windscreens designed to reduce air-flow noise, protect against breath sounds (plosives and sibilants), and help to protect the microphone.

page 124 to 131

headphones



ATH-M40fs



ATH-D40fs



ATH-M30



ATH-M20



ATH-M50



ATH-M35

studio professional headphones

PRECISION "STUDIOPHONES" (PC 245-MC 320)

Full-sized closed back stereo headphones for studio monitoring and home listening applications. Fully field serviceable. Terminated in a 6.3 mm (1/4") plug.

ATH-M50

149,00 € Professional studio monitor headphones

ATH-M50 professional studio monitor headphones provide exceptionally accurate response combined with long-wearing listening comfort. Designed especially for professional monitoring and mixing, these studiphones feature an efficient collapsible design for space-saving portability and storage. Circumaural ear pieces swivel 180° for easy one-ear monitoring; luxuriously padded ear cushions create an outstanding seal for maximum isolation. The adjustable headband is generously padded for the ultimate comfort during long mixing/recording sessions. A coiled cable at the left earpiece terminates to a gold-plated mini-plug with included screw-on 1/4" adapter.

ATH-M50S

149,00 € Same as ATH-M50 with straight cable

ATH-M40fs

79,00 € Extended-response closed-back dynamic monitor headphones

Audio-Technica's premium professional studiphones offer a flat, extended frequency response for professional studio monitoring. Superior components provide very high SPL capabilities while maintaining exceptional clarity of sound. Exterior design features include sturdy strain-relief cable and comfortable circumaural earpieces that can be rotated 180° to permit one-ear monitoring. The studiphones utilize 40-millimeter drives with neodymium magnets and copper-clad aluminium wire voice coils for lowest mass. They are equipped with an 3.4 m (11') cable terminated in a standard 6.3mm (1/4") connector. This field-serviceable model allows elements, cables, and earpads to be replaced in the field if needed.

ATH-D40fs

79,00 € Enhanced-bass closed-back dynamic monitor headphones

With their bass-enhanced frequency response, these premium professional studiphones are ideal for use with drums, bass and other low-frequency sound sources.

The **ATH-M30** is a closed-back dynamic headphone for mixing with high power handling for tracking sessions. 65 ohms. Terminated in a 3.5 mm connector with screw-on 6.3 mm adapter.

ATH-M30

59,00 € Closed-back dynamic monitor headphones

ATH-M35

69,00 € Same as ATH-M30 with foldable earcups designed for space saving portability and storage

SEMI-PROFESSIONAL HEADPHONES (PC 205-MC 320)

The **ATH-M20** is a closed-back dynamic headphones with neodymium magnets. Impedance 40 ohms, terminated in a 3.5 mm stereo mini plug with 6.3 mm adapter

ATH-M20

39,00 € Closed-back headphones

Specifications	ATH-M50	ATH-M40fs / ATH-D40fs	ATH-M30	ATH-M20
Type	Closed-back dynamic	Closed-back dynamic	Closed-back dynamic	Closed-back dynamic
Driver Size	45 mm diameter	40 mm diameter	40 mm diameter	40 mm diameter
Magnet	Neodymium	Neodymium	Neodymium	Neodymium
Voice Coil	Copper-clad aluminium wire	Copper-clad aluminium wire	Copper-clad aluminium wire	Copper-clad aluminium wire
Frequency Response	15-28,000 Hz	5-28,000 Hz / 20-28,000 Hz	20-20,000 Hz	30-20,000 Hz
Maximum Input Power	1 600 mW at 1 kHz	1 600 mW at 1 kHz	1 600 mW at 1 kHz	1 200 mW at 1 kHz
Sensitivity	99dB	100 dB / 102 dB	100 dB	98 dB
Impedance	38 ohms	60 ohms / 66 ohms	65 ohms	40 ohms
Weight (without cable)	284 g (10 oz)	250 g (8.8 oz)	200 g (7.0 oz)	230 g (7.1 oz)
Cables	1.2-3.0 m (3.9'-9.8') coiled, (OFC litz wire)	3.4 m (11') (OFC litz wire, left-side exit)	3.4 m (11') (OFC litz wire, left-side exit)	3.0 m (10') (coiled, left-side exit)
Connectors	3.5 mm (1/8") gold-plated stereo mini-plug Screw-on 6.3 mm (1/4") adapter, protective pouch	6.3 mm (1/4") phone-plug	3.5 mm (1/8") with screw-on and 6.3 mm (1/4") adapter	3.5 mm (1/8") stereo mini-plug and 6.3 mm (1/4") adapter

studio professional headphones

headphones

ATH910PRO HEADPHONES (PC 245-MC 320)

Full-size closed-back dynamic headphones featuring Samarium Cobalt magnets, large diaphragm drivers. Ideal for both home listening and studio monitoring applications.

ATH910PRO

109,00 € Closed-back headphones, 40 ohms

T SERIES SEMI-PROFESSIONAL HEADPHONES (PC 205-MC 320)

These dynamic headphones feature proprietary 40 mm drivers and A-T's innovative self-adjusting lightweight headband and generously padded ear cushions for comfortable listening.

- Circumaural design ensures superior isolation
- Rotating earpieces for easy one-ear monitoring

ATH-T200

28,00 € Adjustable dual headband for superior comfort

The **ATH-T200** features a large double headband for a comfortable fit around the head. The over-the-ear earpads are soft and prevents the sound from leaking. The 40mm driver unit produces high quality sound for users to enjoy the listening experience. Built with Ø3.5mm gold-plating stereo mini-plug attached with a standard plug.

ATH-T300

39,00 € Adjustable dual headband for superior comfort

Uses the copper-clad aluminium wire (or CCAW) voice coil driver units that makes you feel like you're "right there" listening to the music. (A CCAW driver combines the strength and conductivity of a copper core with a lightweight outer coating of aluminium resulting in an extended high frequency range and a cleaner bass) Wide adjustable head support and soft ear pads allow you to listen in comfort for long periods of time

COMMUNICATION HEADSETS (PC 215-MC 340)

ATH-330COM

35,00 € Gaming / VOIP / computing

Enjoy high quality audio and make clear phone calls with your pc.

- Clear internet telephony with high quality condenser microphone
- Enjoy music-listening and gaming with high quality audio from 30.5mm drivers
- Volume control and mute function on-line controlled
- Cushioned ear pads and overall lightness provide added comfort for long time use
- Adjustable microphone swivels 130° for perfect positioning
- Power not required for volume control – Note: volume does not mute completely.



ATH910PRO



ATH-T200



ATH-T300



ATH-330COM

Specifications	ATH-910PRO	ATH-T200	ATH-T300
Type	Closed-back dynamic	Closed-back dynamic	Closed-back dynamic
Driver Size	44 mm diameter	40 mm diameter	40 mm diameter
Voice Coil	Copper-clad aluminium wire	–	Copper-clad aluminium wire
Frequency Response	20-22,000 Hz	20-22,000 Hz	18-22,000 Hz
Maximum Input Power	120 mW at 1 kHz	500 mW at 1 kHz	500 mW at 1 kHz
Sensitivity	92 dB	100 dB	104 dB
Impedance	40 ohms	40 ohms	40 ohms
Weight (without cable)	205 g	210 g	230 g
Cables	3.0 m (OFC litz wire, left-side exit)	3.0 m	3.0 m
Connectors	Stereo jack 6.35 mm (1/4")	3.5 mm (1/8") stereo mini-plug and 6.3 mm (1/4") adapter	3.5 mm (1/8") stereo mini-plug and 6.3 mm (1/4") adapter

Specifications	ATH-330COM	
Headphones	Type:	Dynamic
	Driver Diameter:	30.5 mm
	Output Sound Pressure Level:	101dB/mW
	Frequency Response:	20-20,000 Hz
	Impedance:	16 ohms
	Maximum Input Power:	40mW
	Weight (without cord):	68.5 g
	Cord Length:	2.0 m
Microphone	Plug:	3.5 mm gold-plated stereo mini-plug
	Element:	Electret Condenser
	Polar Pattern:	Unidirectional
	Sensitivity:	– 44dB ± 4dB (1V1Pa, 1kHz)
	Frequency Response:	100-10,000 Hz
	Impedance:	2.2 ohms

smart mixers

automatic mixers (PC 630-MC 510)

Innovative automatic mixers are microprocessor controlled for uncomplicated, automated operation.

- Easy to install, easy to operate and completely transparent in operation
- Choice of one-channel-at-a-time operation, all active, or any mix of moderator override
- Versatile, switchable inputs accept microphones or line-level devices; mic- or line-level out
- Individual gain controls for each channel
- Last microphone on stays on so that ambient sound is never muted
- XLR inputs with phantom power provided for condenser mics

AT-MX341a

680,00 € Automatic SmartMixer® featuring four switchable microphone or line channels
Half rack width, 1U high. Supplies 12V phantom power on each channel.

AT-MX351

880,00 € Automatic SmartMixer® microphone mixer
featuring four switchable microphone or line channels and one auxiliary input. 19" rack width 1U high. Supplies 48V phantom power on each channel.

RACK MOUNT ACCESSORIES (PC 458-MC 140)

AT8628B

32,00 € Joining plate for mounting two AT-MX341a mixers in a single rack space

ACCESSORIES (PC 630-MC 510)

AT8325/1.0

29,00 € Link cable (included with SmartMixer®)

Specifications	AT-MX351	AT-MX341a
Input Impedance	Mic: 8,000 Ω	Mic: 4,000 Ω
	Line: 50,000 Ω	Line: 30,000 Ω
Output Impedance	Mic: 200 Ω	Mic: 320 Ω
	Line: 300 Ω	Line: 200 Ω
Maximum Input Level	Mic: -24 dBV	Mic: -20 dBV
	Line: +27 dBV	Line: +30
dBV		
Maximum Gain	73 dB	70 dB
Frequency Response (-3 dB)	40 Hz to 22 kHz	60 Hz to 30 kHz
Equivalent Input Noise	-128 dBV (150 Ω)	-120 dBV (150 Ω)
Microphone Phantom Power	+48V DC	+12V DC
Power Supply	120V/230V AC	12V AC, 150 mA
Operating Temperature	0° to 40° C	0° to 40° C
Dimensions (including feet, knobs and connectors)	W 430 mm	W 210 mm
	D 238 mm	D 238 mm
	H 44 mm	H 44 mm
Weight	3.1 kg	1.6 kg
Accessories Furnished	AT8325/1.0 link cable; rack-mount adapters; AC power cable	AT8325/1.0 link cable; rack-mount adapters; AC power supply

Comparison Chart	AT-MX351	AT-MX341a
Automatic Mic/Line balanced inputs	4	4
Unbalanced Aux input	1	—
Priority pre-select switch for each	yes	yes
Automatic threshold setting	yes	—
Single threshold setting for all channels	—	yes
Phantom power selectable for each channel	48V	12V
Switchable manual mode	yes	yes
Master output level control	yes	yes
Individual gain controls for each channels	yes	yes
Limiter on each mic/line channel	yes	—
Output level meter with Peak and RMS mode	yes	yes
Off attenuation for each input adjustable to:	-40 dB	-20 dB
TTL logic output	yes	yes
Closure control of each input	yes	—
Pre- or post-controller audio output	yes	—
Switchable NOMA operation	yes	—
Headphone output with adjustable level	yes	—
19" rack mounting space (1U)	full	1/2
Rack-mount adapters included	yes	yes



new automatic **mixer AT-MX381** (PC 630-MC 510)

smart mixers

- Audio-Technica's new **AT-MX381 SmartMixer®** is designed to deliver instant, intuitive control of your multiple-microphone installations.
- The **AT-MX381** allows control of basic functions—like gain and level settings for each channel—from the SmartMixer's front panel. Control more detailed settings via computer with included software.
- The SmartMixer's simplicity and sophistication make it ideal as the hands-free heart and soul of multi-mic sound systems for meetings, courtrooms, classrooms, distance learning, and worship services.

AT-MX381 SmartMixer®

1 980,00 € Eight channel automatic mixer

- Eight balanced mic/line inputs with EQ
- Automatic threshold setting
- 48V phantom power (individually selectable)
- NOMA circuitry (selectable) helps control feedback
- Selectable manual mode
- Priority of each microphone can be independently assigned
- Last Mic On (selectable) for continuous room ambiance
- Linking capability for 16 units (up to 128 microphones)
- Logic output signals control camera selection and other circuitry
- RS232 data port provides a connection point for a PC running the SmartMixer Software to configure key operating functions
- Compatible with Crestron® and AMX® systems



AT-MX381



AT-MX381 SmartMixer®

Input Impedance	Mic Level: 6600 ohms
	Line Level: 8500 ohms
Output Impedance	Balanced
	Line Level: 300 ohms
	Mic Level: 350 ohms
	Unbalanced: 400 ohms
	Direct Output: 60 ohms
Maximum Input Level	−50 dBu (gain at Max)
Maximum Output Level	22 dBm (THD+N at 1%)
Maximum Monitor Output	50mW (@ 1% THD+N) with 16 ohm load
Maximum Gain	69 dB
Frequency Response	20 to 20K Hz (±3 dB)
Equivalent Input Noise	−130 dBu*
Microphone Phantom Power	+48V DC
Control Voltage Out	+4V DC
Power Supply	100/240V AC (auto-select), 50/60 Hz, 20W
Operating Temperature	0° to 40° C (32° to 104° F)
Dimensions	430 mm (16.93") W x 230 mm (9.05") D
	x 44 mm (1.75") H
Weight	3.8 kg (8 lbs. 6 oz)

* Input terminated with 150 ohms, A-Weighted using Audio-Precision System Two.

turntables



AT-LP120-USB



AT618

professional **turntable** (PC 640-MC 510)

AT-LP120-USB

249,00 € Direct-Drive Professional Turntable (USB & Analog)

This professional stereo turntable features a high-torque direct-drive motor for quick start-ups and a USB output that connects directly to your computer. Other features include: forward and reverse play capability; cast aluminum platter with slip mat and a start/stop button; three speeds 33/45/78; selectable high-accuracy quartz-controlled pitch lock and pitch change slider control with +/-10% or +/-20% adjustment ranges; and removable hinged dust cover. A selectable internal stereo phono pre-amplifier allows the turntable to plug directly to components with no dedicated turntable input. A USB cable and adapter cables are included along with Mac- and PC-compatible Audacity software to digitize your LPs.

AT-LP120-USB Direct-Drive Professional Turntable

- USB output—connects directly to your computer for plug-&-play use
- Mac- and PC-compatible Audacity software digitizes your LPs
- Direct drive high-torque motor
- Selectable 33/45/78 RPM speeds
- Professional cast aluminum platter with slip mat
- Balanced tone arm with soft damping control
- Switchable built-in pre-amplifier with line-level RCA output cables
- Included cables connect to your stereo or powered speakers
- Stroboscopic platter speed indicator
- Forward and reverse play

Includes

- Direct Drive Professional Stereo USB turntable
- Mac- and PC-compatible Audacity software
- USB cable
- Adapter cables

System requirements

- PC or Mac with an available USB port (USB1.1 or higher)
 - CD-R or CD-RW writer for burning CDs & installation
 - Includes Audacity software for PC & Mac users
- Audacity requires Mac running OS X 10.1 or later or PC running Windows (98 and above)

AT618

55,00 € Disc stabilizer

The Audio-Technica AT618 is a rare accessory for DJ's that demand top quality sound and performance from their records.

This hefty unit sits atop the record on the turntable spindle and applies 600 grams of weight, holding the record firmly in place while stabilizing the record and improving overall sound quality.

This is especially useful when playing in loud clubs where bass vibrations may be an issue or when recording your vinyl into your computer (for a cleaner recording).

- Weight: 600 grams
- Dimensions: H35 × W97 × D88mm

professional stereo DJ headphones (PC 256-MC 330)

ATH-PRO700MK2

179,00 € Professional DJ monitor headphones

Advanced high-quality sound from newly designed Ø53mm drivers.
Maximum comfort for long listening sessions.

- 53mm diameter drivers designed exclusively for **PRO700MK2** ensure outstanding sound quality
- 50°/90° earpiece swiveling capability provides a perfect fit for every monitoring application
- Lightweight design provides maximum comfort for periods of extended use
- Detachable cord with screw-in connector allows for easy replacement
- Includes 2 detachable cords (one coiled and one straight)

ATH-PRO500BK

119,00 € Professional monitor headphones

- DJ monitor headphones features professional performances specifications and rugged reliability
- Rotating earpieces for easy one-ear monitoring

ATH-PRO500SV

119,00 € Silver version of ATH-PRO500

STEREO DJ HEADPHONES (PC 255-MC 330)

ATH-PRO5MK2SV

85,00 € Professional DJ monitor headphones

Advanced high-quality sound from newly designed Ø44mm drivers.
Maximum comfort for long listening sessions.

- 44mm large-diameter drivers give powerful
- High magnetic power delivers powerful sound
- High maximum input of 1,300mW achieves powerful, wide-range frequency response
- One-ear monitoring capability
- The coiled cord is ideal for DJs
- Gold-plated stereo 2-way plug



Specifications	ATH-PRO700MK2	ATH-PRO500BK - 500SV	ATH-PRO5MK2
Type	Closed-back Dynamic	Airtight dynamic	Closed-back Dynamic
Driver Diameter:	53 mm	40 mm	44 mm
Magnet	Neodymium	Neodymium/ CCAW	Neodymium
Frequency Response	5 ~ 35,000 Hz	10 ~ 30,000Hz	10 ~ 25,000 Hz
Maximum Input Power	3,500 mW	1,500 mW	1,300 mW
Sensitivity	106 dB/mW	100 dB/mW	98 dB/mW
Impedance	38 ohms	38 ohms	38 ohms
Weight	305 g	280 g	250g
Cable	1.2m Coiled (max. 3.0m) and 1.2 m Straight	1.2 m Coiled (max. 3.0m)	1.2 ~ 3m Coiled
Connector	3.5 mm (1/8") gold-plated stereo with 6.3 mm adapter	3.5 mm (1/8") gold-plated stereo with 6.3 mm adapter	3.5 mm (1/8") gold-plated stereo with 6.3 mm adapter

headphones



ATH-PRO700MK2



ATH-PRO500BK

ATH-PRO500SV



ATH-PRO5MK2SV

accessories



AT8801



AT8202



AT8681



AT8684



ESRSC

power supplies, power modules, attenuators and UniTools®

POWER SUPPLIES (PC 630-MC 510)

AT8801

98,00 €

Single channel 48V DC phantom supply (AC power adapter included)

This line-powered device allows the use of remote-powered microphones with systems that do not supply phantom power. The rugged steel case is finished in enamel and provides shielding from electrostatic interference.

ATTENUATORS (PC 315-MC 410)

AT8202

68,00 €

Adjustable In-line Attenuator

- Provides -10 dB, -20 dB or -30 dB attenuation
- Compatible for use in phantom power applications
- Durable steel case provides optimum shielding from hum
- Can be plugged directly into a female 3-pin chassis-mount connector

UNITOOLS® (PC 630-MC 510)

Phantom-powered in-line microphone accessories overcome commonly-encountered sound installation challenges quickly, easily and effectively.

All units permit phantom voltage to pass on to the microphone.

Featuring rugged steel housings, UniTools® can be installed anywhere in-line, either at the mixer input or near the mic.

AT8681

78,00 €

UniMix® 2-to-1 mic combiner with balance control

Combines the output from two microphones into one channel. Balance control attenuates each microphone by 6 dB (typical) at midpoint.

- Requires 24V-48V Phantom power.

AT8684

68,00 €

UniMute® mic attenuator with user-definable switch function

Type of external single-pole switch the user supplies determines muting function; closed contact causes muting. Use for on/off, push-to-talk, push-to-mute, etc.

REMOTE SWITCH CONTROL INTERFACE (PC 630-MC 510)

ESRSC

148,00 €

The ESRSC is a control interface that enables a contractor to add external control, contact closure, programmable mute functions and status indication to any dynamic or condenser microphone. Switch function can be set to any of three operating modes: Touch-On/Off, Touch-to-talk (momentary on), and Touch-to-mute (momentary off). External contact closure capability permits control of remote devices from a user-supplied switch. A three-position switch "Local/ Remote / LED Remote" – enables the microphone and the LED status to be controlled locally or from an external device. In remote operation, the user-supplied LED and switch operate independently from the microphone. In LED Remote operation, the user-supplied LED is controlled from an external source.

- Adds external control, contact closure, programmable mute functions and status indication to any dynamic or condenser microphone
- Programmable Momentary On, Momentary Off, and Touch On/Off
- External contact closure capability permits control of remote devices from user-supplied switch
- External LED control allows for accurate depiction of the live status of the microphone
- 3-pin Phoenix-type connectors included for mic-in, mic-out, control and switch

power modules for microphones elements and **wireless essentials®**

accessories

CONDENSER MICROPHONES REMOTE POWER MODULES (PC 630-MC 510)

AT8531

89,00 €

Belt Pack type power module, 1.5V AA battery & phantom, with low frequency roll-off, input on TA3M, output on integral XLRM 3-pin.

- Furnished with U853A series, U857A series, U851A and U841A series



AT8531

AT8542

79,00 €

Phantom power only in-line power module, with low frequency roll-off, input on TA3M, output on integral XLRM 3-pin.

- Furnished with ATM350



AT8542

AT8538

79,00 €

Phantom power only in-line power module, with bass roll-off, Input TA3M, output on 3-pin line XLRM.

- Furnished with U853R, U857R and PRO35



AT8538

AT8537

159,00 €

In-Line 1.5V AA battery & phantom power module, TA3M to XLRM line 3-pin.

- Furnished with AT898 and AT899

REMOTE POWER MODULE FOR ALL WIRELESS ESSENTIALS (PC 630-MC 510)

AT8539

109,00 €

Phantom power only in-line power module

Input on HRS connector for all wireless essentials.

Power module for AT892 MicroSet®, with bass roll-off.

Also suitable for use with any Audio-Technica Wireless Essentials® microphone terminated with 4-pin locking connector. The AT8539 allows you to convert your wireless microphone into a wired model.

Comes equipped with a snap-on belt clip.



AT8539

genuine accessories



AT8405a



AT8406a



AT8407



AT8470



AT8471



AT8456a



AT8422



AT8433



AT8423



AT8459



AT8665



AT8472

accessories (PC 315-MC 410)

Our genuine Audio-Technica microphone clamps have an American standard $\frac{5}{8}$ " female thread, therefore because most European microphone stands use $\frac{3}{8}$ " male thread, an adaptor $\frac{5}{8}$ " male to $\frac{3}{8}$ " female is needed (use AT8423 or AT8422).

MICROPHONE CLAMPS

AT8405a

11,20 € Snap-in mic clamp, metal base, for 21 mm body diameter mics

AT8406a

10,60 € Tapered slip-in mic clamp, metal base for all tapered mics

AT8407

16,30 € Universal mic clamp, spring loaded clip, metal base. Fits most mics with diameter 15 to 25 mm

AT8470

14,00 € Quiet-Flex™ stand clamp for tapered Artist Elite® microphones AT2010, ATM710, ATM610, ATM410 and Midnight Blues

AT8471

25,60 € Microphone isolation stand clamp
Provides effective reduction of stand-transmitted noise Dependably maintains positioning while securely holding the microphone Compatible with $\frac{5}{8}$ "-27 threaded stands

AT8456a

20,80 € Clamp for wireless handheld microphones in the Artist Elite® AEW and 3000b, 2000 and 700 Series

ADAPTERS AND STAND ACCESSORIES

AT8422

1,40 € Plastic threaded adapter, converts $\frac{3}{8}$ " stands to $\frac{5}{8}$ " threaded mic clamp

AT8433

10,30 € Shoe clamp with two locking nuts and $\frac{5}{8}$ " microphone adaptor
Fits to the accessory shoe of a camcorder. Enables a microphone clamp to be attached to the camera

AT8423

3,50 € Brass threaded adapter, converts $\frac{3}{8}$ " stands to $\frac{5}{8}$ " threaded mic clamp

AT8459

44,00 € Swivel mount microphone clamp adapter. Provides unlimited number of angles/ positions.
Compatible with $\frac{5}{8}$ "-27 threaded stands

AT8665

7,80 € Drum microphone clamp adapter ($\frac{5}{8}$ " thread)

AT8472

29,00 € Slip-in mic clamp for PRO24 or any 21 mm body diameter microphone with camera shoe mount

accessories (PC 315-MC 410)

Our genuine Audio-Technica microphone clamps have an American standard $\frac{5}{8}$ " female thread, therefore because most European microphone stands use $\frac{3}{8}$ " male thread, an adaptor $\frac{5}{8}$ male to $\frac{3}{8}$ " female is needed (use AT8423 or AT8422).

CLAMPS, SHOCK MOUNTS FOR STUDIO MICROPHONES

AT8430
142,00 € Stand clamp with $\frac{5}{8}$ " - 27 thread for AT4033a / AT4040 / AT4050 / AT4047SV

AT8447
164,00 € Shock mount for AT4060

AT8449
78,00 € Shock mount for AT4033a / AT4040 / AT4050 / AT2035 / AT2050

AT8449SV
98,00 € Shock mount for AT4047SV

AT8458
76,00 € Shock mount for AT3035 / AT3060 / AT2020 / AT2035 / AT2050

AT8466
16,00 € Stand mount for AT2020

UNIVERSAL SHOCK MOUNTS

AT8410a
59,00 € Shock mount, spring loaded, fits most mics with diameter 15 to 22 mm

AT8415
72,00 € Low-profile shock mount with flexible bands. Fits most mics

ACCESSORIES FOR MINIATURE MICROPHONES

AT8418
40,00 € UniMount® microphone instrument mount ATM350 / AT803 / AT831 / AT829 / PRO35 / PRO70

AT8444
34,00 € Instrument adapter ATM350 / AT803 / AT831 / AT829 / PRO35 / PRO70 for acoustic guitar/violin

AT8468
9,80 € Violin mount for ATM350
• permits unobtrusive placement of microphone between the instrument's bridge and tailpiece

genuine accessories



AT8430



AT8447



AT8449



AT8449SV



AT8458



AT8466



AT8410a



AT8415



AT8418



AT8444



AT8468

genuine accessories



accessories (PC 315-MC 410)

CLAMPS AND ACCESSORIES FOR TIE CLIP MICROPHONES

AT8411

10,30 € Plastic clothing clip, fits AT803/AT829/ AT831

AT8412

16,20 € Plastic double clothing clip, fits AT803/ AT831/AT829

AT8414

20,80 € Metal tie tac, fits AT803/AT831/AT829

AT8417

11,80 € Wire clothing clip, AT803/AT831/AT829

AT8419

11,50 € Wire clothing clip which allows to position the microphone in 45° steps

AT8420

8,30 € Metal clothing clip, for MT830

AT8434

8,30 € Plastic clothing clip, for AT829

AT8435

8,30 € Tie clip for MT350

AT8442

8,30 € Clothing clip for PRO92cW

AT8460

16,20 € Clothing clip for ES943

AT899 MINIATURE MICROPHONE ACCESSORIES

AT8461

16,20 € Clothing clip base for AT899 and AT898 with single and double microphone holders

AT8461-TH

16,20 € Clothing clip base for AT899 and AT898 with single and double microphone adapters in beige

AT899AK

56,00 € Accessory kit for AT899 and AT898 models in black

AT899AK-TH

56,00 € Accessory kit for AT899 and AT898, models in beige

ACCESSORIES FOR HEADWORN AND MINIATURE MICROPHONES

AT8439

6,00 € Cable clothing clip for headworn, tie clip, and miniature microphone.

AT8440

28,00 € Cable clothing clip for AT892

accessories (PC 315-MC 410)

DESK STANDS

AT8601

22,00 € Desk stand for all 5/8"-27 mic holders

AT8615A

83,00 € QM plug-in desk stand; XLR in, XLRM out for all QM mics

AT8615RS

88,00 € Same as AT8615A with switch

AT8666

91,00 € Low-profile microphone desk stand
The low-profile AT8666 microphone desk stand with sturdy metal base is equipped with a 3-pin XLR-type in, and an XLRM-type output connector.

AT8666RSC

172,00 € Microphone desk stand with switch and external contact closure
This quick-mount plug-in desk stand features a user-programmable switch and an external contact closure. The sturdy metal base is equipped with a 3-pin XLR-type in, and a 5-pin XLRM-type output connector. It is designed to fit any phantom-powered gooseneck microphone with an XLRM-type output.

AT8666RSP

149,00 € Microphone desk stand with switch
The low-profile AT8666RSP quick-mount desk stand base with user-programmable switch offers three settings: press on/press off, momentary on, and momentary off. The sturdy metal base is equipped with a 3-pin XLR-type in and an XLRM-type output connector.

SUSPENSION ACCESSORIES FOR FIXED INSTALLATION MICROPHONES

AT8416

62,00 € Shockmount for all UniPoint AM and ES range. For fixed installation

AT8438

18,00 € Custom stand adapter for U853 and U853W fits 5/8"-27 stands

AT8451

14,00 € Wire hanger adapter for overhead applications with U853 and PRO45

AT8451WH

14,00 € White version of AT8451

AT8452

14,00 € Wire hanger adapter for overhead MicroLine® ES933

AT8452WH

14,00 € White version of AT8452

AT8646AM

39,00 € Shockmount plate with 5/8"-27 threaded adapter mount

AT8646QM

55,00 € Shockmount plate with XLR connector

AT8647QM/S

98,00 € Shockmount plate for quick mount microphones with on/off switch for fixed installation

AT8651

8,00 € Thread mount adapter for old ES range

AT8662

32,00 € Shockmount for gooseneck microphone supplied with U857Q Series

AT8663

11,00 € Low profile table or wall mount plate with 5/8" for thread gooseneck microphones, standard microphone clips and remote mounted antennas in conjunction with the AT8459 swivel mount clamp adaptor

AT8664

11,00 € A-mount cable pass-through adapter for Unipoint

AT8473

27,00 € Stand clamp permits attachment of the gooseneck mic base to a standard 5/8"-27 or 3/8"-16 threaded mic stand or mounting flange.

AT8474

37,00 € Low-profile isolation mount (allows mounting above or beneath mounting surface)

genuine accessories



AT8601



AT8615A



AT8615RS



AT8666



AT8666RSC - AT8666RSP



AT8416



AT8451



AT8438



AT8451-AT8451WH



AT8452



AT8646AM



AT8646QM



AT8647QM/S



AT8474



AT8663



AT8664



AT8473

accessories



windcreens (PC-315-MC410)

WINDSCREENS FOR 20 AND 40 SERIES MICROPHONES

AT8137

44,00 € Large studio foam windscreen for AT4033a / AT4040 / AT4050/AT4047SV/ AT2020

AT8106

46,00 € Metal slip-on pop filter for AT4041 (for ultimate pop and wind protection, use an AT8114 in addition)

AT8159

7,00 € Small egg-shaped foam windscreen for AT4041 / PRO37 / AT4021 / AT4022 / AT4049b / AT4051b / AT4053b

WINDSCREENS FOR VOCAL AND INSTRUMENT MICROPHONES

AT8101

9,00 € Large cylindrical foam windscreen for AT8004 / AT8004L

AT8111

11,00 € Thin cylindrical foam windscreen for ATM650

AT8112

9,00 € Large cylindrical foam windscreen for ATM610 / AE4100 / AE6100

AT8114

11,00 € Ball-shaped foam windscreen for ATM31a / ATM410 / ATM710 / AE3300 / AE5400

AT8115

13,00 € Large-pore egg-shaped foam windscreen for ATM650

AT8118

5,00 € Small foam windscreen for ATM350

AT8120

17,00 € Large foam windscreen for AT8022 / PRO25ax / AT4025 / AE3000

AT8122

9,00 € Small foam windscreen for U873

AT8123

9,40 € Windshield for PRO24-CMF

AT8136

10,00 € Small egg-shaped foam windscreen for ATM10a / ATM33a

WINDSCREENS FOR SHOTGUN MICROPHONES

AT8132

21,00 € Shotgun windscreen for AT8035

AT8133

18,00 € Shotgun windscreen for AT875R

AT8134

19,00 € Shotgun windscreen for BP4073 / AT897 / BP4029 / ATR55

AT8135

22,00 € Shotgun windscreen for AT8015 / BP4071 / BP4027

HEADWORN MICROPHONE WINDSCREENS

- AT8119**
3,00 € Windscreen for headworn ATM73
- AT8125**
8,20 € Large foam golfball windscreen for ATM73
- AT8128**
9,50 € Small foam torpedo windscreen for headworn mic ATM73
- AT8139L**
8,00 € Large foam windscreen for headworn mic ATM75 / PRO8HE
- AT8139S**
8,00 € Small foam windscreen for headworn mic ATM75 / PRO8HE
- AT8142A**
3,00 € Foam temple pads (pair) for headworn mic ATM75 / PRO8HE
- AT8142B**
3,00 € Foam temple pads (pair) for headworn mic ATM73
- AT8143**
26,00 € Coloured windscreen pack suitable for ATM75 / PRO8HE, set of 4 (pink, purple, green and yellow) includes temple pads



TIE CLIP MICROPHONE WINDSCREENS

- AT8110**
15,00 € Foam windscreen for ES943
- AT8116**
11,20 € Mini windscreen for AT803b/ AT829 / AT831 / PRO70
- AT8129**
2,90 € Miniature foam windscreen for MT350
- AT8130**
6,80 € Subminiature foam windscreens (packet of 3) for MT830
- AT8131**
2,90 € Miniature foam windscreen for AT829 / AT803 / AT831 / PRO70



MINIATURE AT899 AND AT898 MICROPHONES ACCESSORIES

- AT8150**
15,00 € Element covers (pack of 3)
- AT8150-TH**
15,00 € Beige element covers (pack of 3)
- AT8151**
13,00 € Windscreen (pack of 3)
- AT8151-TH**
13,00 € Beige windscreen (pack of 3)



MICROSET HEADWORN AND LAVALIER MICROPHONES ACCESSORIES

- AT8156**
12,00 € AT892 element cover
- AT8156-TH**
12,00 € Beige version of AT8156
- AT8156-CO**
12,00 € Cocoa version of AT8156
- AT8157**
11,00 € AT892 and BP896 windscreen
- AT8157-TH**
11,00 € Beige version of AT8157
- AT8157-CO**
11,00 € Cocoa version of AT8157
- AT8158**
13,90 € PRO92 windscreen (pack of 3)
- AT8158-TH**
13,90 € Beige version of AT8158 (pack of 3)



UNIPOINT®, PROPOINT® AND ENGINEERED SOUND® WINDSCREENS

- AT8153**
10,80 € Small 2-stage foam windscreen for use with U853 / U859 / U857
- AT8153WH**
19,80 € White version of AT8153
- AT8102**
9,90 € Small 2-stage foam windscreen for use with U853 / U859 / U857
- AT8102WH**
11,20 € White version of AT8102
- AT8104a**
62,00 € Small metal lockable windscreen with additional outer foam windscreen provided suitable for U853 / U857 / U859
- AT8109**
15,00 € Snap-on foam windscreen for ES Series gooseneck mics
- AT8117**
11,40 € Large high density foam windscreen for U853 outdoor use
- AT8161**
68,00 € Metal windshield with additional outer foam for use with engineered sound gooseneck microphones (see page 81)
- AT8154**
11,80 € Small 2-stage foam windscreen for use with U853 / U859 / U857 with UniLine™ elements
- AT8154WH**
23,20 € White version of AT8154
- AT8138**
11,20 € Windscreen for MicroLine® All ML/suffix mics
- AT8138WH**
18,60 € White version of AT8138
- AT8146**
9,60 € Windscreen for PRO47 / PRO49
- AT8146WH**
9,60 € White version of AT8146





SSM-POP shock mount and articulated pop filter kit

SABRA-SOM

Since 1972, **SABRA-SOM** acquired know-how in all aspects of the entertainment industry, namely audio, sound reinforcement, acoustics, musical and artistic productions in general.

Our vast experience and credibility in the market and a constant demand for innovative solutions lead SABRA-SOM to develop high quality products for professional studios, home studios and stage.

multiple use mounting system for microphones

SABRA-SOM developed a patented **SYSTEM** whose market differential is its unique modular architecture.

The universal shock mount, pop filter, 'T' bar, magic clamp and other products can be used independently or combined to form the ultimate solution for microphone setup. This **TOOL KIT** means endless options to hold, position and protect microphones. Various arms and attachments give you the freedom to create and customize your setup.

No other products in the market, from the inexpensive to the more sophisticated ones, can provide the value-added solution that **SABRA-SOM SYSTEM** does.

SABRA-SOM combined products make any setup solution possible during all phases of audio production.

page 134 to 139



universal shock mounts (PC 790-MC 565)

In audio signal capturing by microphones, there is a leak of unwanted mechanical noises through the microphone stand, caused by vibrations on stage, by the kick drum, by low frequencies of the amplifier, by the artist's choreography on stage, etc. One of the conventional solutions is to adopt electronic recourses, such as noise gate reduction, re-equalization (shut down of low frequencies), etc. Thus, no doubt, we are interfering with the signal's dynamics, reducing our system's head room, consequently harming the signal's quality and naturalness.

The **SSM-1** (Universal Noise Suppressor Microphone Support) comes to meet the following premise:

"For acoustic problems, acoustic solutions."

SSM-1

44,90 €

Universal shock mount for microphones

Isolating physically the microphone from its stand, the **SSM-1** succeeds in filtering the undesirable noises to an extent of approximately 15 dB and at a very low cost. Its mounting versatility and adjustability makes it compatible with most microphone sizes and types available on the market. For the correct mounting of the mic. just weave it through the parallel rubber bands of each ring, two by two.

Suitable to any mic. shape (tubular or conical) up to 2" diameter.

The central articulated support can be fixed anywhere on the hexagonal rod, to compensate for any imbalance of the mic's gravity center.

SSM-1/SL

54,90 €

Sabra shock mount with quick release (speed-lock®)

Same function as the **SSM-1**, The SPEED-LOCK allows you to pull the mount off your mic stand with a simple ¼ turn.

The additional cost due to the SPEED LOCK embedded in the product is less than the spare quick-locks available in the market.

Assemble and disassemble is quicker, more steady and more efficient, especially in live performances.

SSM-1/ANC

19,90 €

Replacement rings for the sabra shock mount

Consists of two complete rings with four suspension elastics, over mounted two by two.

- Broke a ring on your **SSM-1**?
- Need to add an additional ring or two for your existing **SSM-1**?
- Want to create a shock mount for longer microphones, using the hexagonal bar from a Sabra-Som **ST2** or **ST4**?

SSM1ANC is a great solution.

microphones supports and adapters (PC 790-MC 565)

ST2

34,90 €

Universal double support with 3/8" and 5/8" threads

Could be called Multifunction T-Bar as it is a MODULAR and totally adjustable product.

Features:

- Variable distance and angle between mics (towers' movement).
- 2 Thread adapters: 3/8" (European standard) and/or 5/8" 27 threads/inch (universal standard) each, fixed on two sliding towers, respectively.
- Relative angles between the towers are totally variable.
- Central elbow with horizontal movement for the adjustment of gravity center.
- Central elbow with 360° of movement and an efficient locking system.
- Can be connected to the top of a boom stand with any relative angle. In particular horizontal and vertical configuration (XY format) and, vertical configuration (BLUMLEIN format)



ST2

sabra-som



ST4

44,90 €

Universal quad mic support

The **ST4**, consists of four sliding microphone mounts with 5/8" male thread adapters and one articulated 5/8" female thread support that fits a mic stand, all sliding on a 30 cm (12") long hexagonal rod.

This allows the mounting of four mics on the same stand with variable distance and angulations between them.

Due to SABRA's modular system, the 12" long rod can be used to support some extremely long mic (SHOTGUNN), connecting the **SSM-1/ANC** spare rings.



ST4

NIPLEX-PRO

10,90 €

Long-Neck thread adapter 3/8" fem. To 5/8" male with an extended body

- One of its advantages is to make possible the connection of mics where the XLR plug is extremely close to the boom connection.

The NIPLEX-PRO can be used on the **ST2** or **ST4** towers instead of the simple thread adapters.



NIPLEX-PRO/10



NIPLEX-PRO

NIPLEX-PRO/10

99,90 €

One package of 10 niplex-pro

Special package for dealers or Suppliers.

Contains 10 NIPLEX-PRO, individually packaged for retail.



pop filters (PC 790-MC 565)

UNI-POP

28,90 € Double faced pop filter

Replaceable double faced pop filter with a simplified universal connection to any 5/8" screw thread mic stand.

Popping sounds occur particularly in the pronunciation of aspirated plosives (such as the first 'p' in the English word «popping»). Hissing sounds or sibilance frequently result from the pronunciation of fricatives such as the 'sh' in the English word «seashells». Pop filters are designed to attenuate the energy of plosives, which otherwise might exceed the design input capacity of the microphone, leading to clipping.

The **SABRA'S 5"** Screens are made of special orthophonic fabric, creating hard phonetic noise attenuation, maintaining the frequency curve of the original sound.

S-POP

59,90 € Pop Filter with Universal connection to any mic stand

SPF

64,90 € Articulated pop filter

- Two parallel orthophonic screens, mounted onto a brace and fixed on an ARTICULATED arm.
- The advantage of it's articulated arm: Ones firmly adjusted, avoids the problems created by a flexible Gooseneck.
- The **SPF** is suitable to any Sabra support by attaching it to their hexagonal rods.
- The **SABRA'S** replaceable pop screens are made of special orthophonic fabric, attenuating high impact phonetic noise without frequencies cut.

PF

18,00 € Replacement screens for sabra's pop filters

- Replacement screens for high pressure phonetic peaks filtering.
- The **PF** is suitable to all SABRA'S Pop Filters
- The 5" diameter double-faced screen is made of a special orthophonic fabric and due to its high filtering factor, the **PF** can be positioned very close to the mic, thus conserving its pick-up level fidelity, without frequency cut.

pop filters, arms & shock mount kits (PC 790-MC 565)

ST-POP

54,90 € Two in one mini kit (ST2 + UNI-POP)

An excellent and inexpensive combination between the **ST2** – stereo bar and the **UNI-POP** – The double faced pop filter in a unique package, aiming the simultaneous mounting of both – MIC and POP FILTER on the same boom stand.

SSM-POP

56,90 € Shock mount and articulated pop filter kit for large side address microphones

This most recent configuration of the SABRA microphone modular system meets the need to position firmly, safely and with versatility, larger and heavier microphones, combining in a single set-up the renowned **SSM-1** universal noise suppressing elastic microphone support with the high precision, 5" diameter, double face pop filter – SPF at a surprising low cost.

The **SSM-POP** consists of the following items:

- One articulated arm, formed by a 200 mm hexagonal aluminum bar and a 150 mm hexagonal aluminum bar.
- Two elastic suspension rings.
- One central elbow with ratcheted central axis, with a 5/8" universal female thread at its base, attachable to any conventional microphone stand.
- One double-face 5" diameter POP FILTER

The significant firmness of the **SSM-POP** is due to the elastic suspension rings being attached to the 200 mm bar and to the pop filter's 150 mm bar, creating a compact structure with the necessary flexibility to attach the pop-filter.

The **SSM-POP**, predominantly designed to be used vertically, perfectly accommodates larger and heavier side address microphones, or other similar large and heavy microphones, with extremely easy adjustment and locking, allowing conventional or inverted configuration, conserving the high performance of the microphone being used.

SPK

139,90 € Sabra protector kit

Create your own placement and protecting accessories for microphones, using the SABRA's MODULAR SYSTEM.

SPK consists of three basic items:

One **SSM-1**: Adjustable universal mic shock mount with elastic suspension.

One **SPF**: Articulated 5" double faced POP FILTER

One **ST2**: Double support for microphones, well known as STEREO BAR

Each product can be used individually or either be combined for a diversity of applications.

Commonly used by studios to place the MICROPHONE and the **SPF** (pop filter) on the same stand. The

SPK can be assembled in different forms based on your needs.



ST-POP



SSM-POP



SPK

sabra-som



universal clamp (PC 790-MC 565)

SMC

84,90 € Sabra's magic clamp

- The **SMC** comes with a L format hexagonal aluminum bar with adjustable 5/8" screw thread connections, mounted on a steel claw, attachable to tubular systems from 1/4" to 1" and to rectangular rods with 1/4" thickness up to 1 1/4" (like a drum hoop).
- The **SMC**'s attachment is so efficient and strong, making it a powerful tool to hold any size of microphone.
- The **SMC** is of simple intuitive and friendly handling.
- Easily attached to the percussion instruments hardware, allowing a great variety of adjustments.
- The most attractive feature is that the arm adjustment and fixing is done, manipulating a single screw.

S-GRIP

39,00 € The mic stand that fits in your pocket

The s-grip is a powerful and efficient support for any type of microphone and can be easily attached to any mic stand or tubular system of up to 25 mm diameter.

Consists of:

- One ergonomic aluminum claw for tubular systems of up to 25 mm diameter.
- One hexagonal aluminum bar of 100 mm length with a 3/8" in. male thread.
- One LONG NECK thread adapter nipple with a 5/8" in. male thread (mic) to 3/8" in. female thread – NIPLEX PRO.

Using **SABRA-GRIP** system, you can easily couple and fasten as many microphones as you want to a single mic stand for different directional capturing, for example: "Miking" a percussion kit; Using one stand to hold several mics to the interior of a Grand Piano; Easily attach a shotgun mic to any pole at the edges of a soccer field, etc.



S-GRIP



SSM-GRIP

SSM-GRIP

59,00 € Universal shock mount with 25 mm diameter grip

The well known **SSM-1** (Highly efficient elastic microphone shock mount) now is offered with a new option to be connected to a mic stand – a highly mechanical endurance aluminum grip with coupling capacity of up to 25 mm diameter.

The grip system allows any tubular tripod of up to 25 mm diameter to be used as a microphone stand as well as to attach several mics to the same stand.

surround sound and decca tree microphones supports (PC 791-MC 565)

sabra-som

SMS 5.1 / CASE

989,00 € Universal surround microphone support with professional case

A new and revolutionary conception of natural 5.1 surround capturing, allows simultaneous positioning of five directional mics. In five different directions in a 360 degrees spectrum with full angular capturing adjustment.

The **SMS-5.1** consists of a disc to which five hexagonal, 30 cm long, arms are attached radially, with adjustable angulations. At the external end of each arm a **SSM-1** Universal Shock Mount, is mounted, which can be vertically adjusted, allowing the placement of any microphone.

The **SMS-5.1** can be placed either on a conventional microphone stand or hung through a THREE-PENDULUM, and can be balanced.



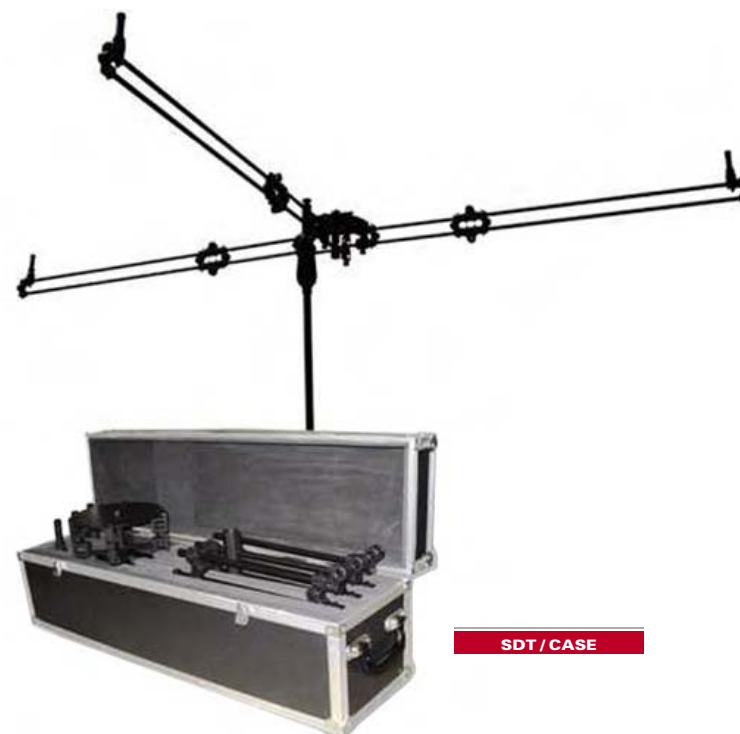
SMS 5.1 / CASE

SDT / CASE

998,00 € Sabra's decca tree with professional custom storage case

Totally hand made, The SABRA'S DECCA TREE is a variation of the **SMS 5.1**.

Consists of a disc to which three hexagonal, 1 m long, arms are attached in a perpendicular configuration. At the external end of each arm there is a sliding microphone mounts with 3/8" & 5/8" O.D. threaded studs, aiming the adjustment of three omni-mics.



SDT / CASE

accessory charts

studio microphones

Microphone clamps

AT8405A

AT8407

AT8471

AT8472

AT8470

Adapters and stand accessories

AT8422

Clamps and shock mounts for studio mics

AT8430

AT8447

AT8449

AT8449SV

AT8458

AT8466

Universal shock mounts

AT8410A

AT8415

Windscreens for 20 and 40 series microphones

AT8137

AT8106

AT8159

live sound microphones

Power modules

AT8531

AT8542

Microphone clamps

AT8405A

AT8406A

AT8407

AT8470

AT8471

Adaptors and stand accessories

AT8422

AT8423

AT8665

Universal shock mounts

AT8410A

AT8415

Accessories for miniature microphones

AT8418

AT8468

Accessories for headworn microphones

AT8439

Windscreens for vocal and instrument microphones

AT8106

AT8111

AT8112

AT8114

AT8115

AT8118

AT8136

AT8153

AT8153WH

AT8159

AT8160

Windscreens for headworn microphones

AT8119

AT8125

AT8128

AT8139L

AT8139S

AT8142A

AT8142B

AT8143

★ = FURNISHED - ● = OPTIONAL - (1) except for Wireless versions

multipurpose microphones

	MB1k	MB2k	MB3k	MB4k	MBDK5	MBDK7	PRO31	PRO31QTR	PRO41	PRO61	PRO8HEX	PRO25ax	PRO63	PRO70	PRO35	PRO37	PRO24	PRO24CM
Power modules																		
AT8538 (1)															✱ (1)			
Microphone clamps																		
AT8401	●		●					●	●	●			●					
AT8405A				✱		✱										✱	✱	●
AT8406A	●	●	●				●	●	●	●			●					
AT8407	●	●	●	●			●	●	●	●			●			●	●	●
AT8470	✱	✱	✱				✱	✱	✱	✱			✱					
AT8471												✱				●	●	●
Adapters and stand accessories																		
AT8665					✱	✱												
AT8422	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱		✱	✱			✱	✱	
AT8472																		✱
Universal shock mounts																		
AT8410A	●	●	●	●			●	●	●	●			●			●	●	●
AT8415	●	●	●	●			●	●	●	●			●			●	●	●
Accessories for miniature microphones																		
AT8418														●	✱			
AT8444														✱	●			
Clamps and accessories for tie clip/laialier microphones																		
AT8411														✱	●			
AT8412														●	●			
AT8414														●	●			
AT8417														●	●			
AT8419														●	●			
Accessories for headworn microphones																		
AT8439											✱							
Suspension accessories for fixed installation microphones																		
AT8438														●				
AT8438WH																		
AT8451														●				
AT8451WH																		
Windscreens																		
AT8106																●	●	●
AT8159																●	●	●
Windscreens for vocal and instrument microphones																		
AT8101			●		●		●						●					
AT8111																		
AT8112										●								
AT8114	●		●				●	●	●	●								
AT8115		●											●					
Windscreens for headworn microphones																		
AT8139L											✱							
AT8139S											✱							
AT8142A											●							
AT8143											●							
Windscreens for tie clip/laialier microphones																		
AT8116														●				
Windscreens for Unipoint, Propoint and ES microphones																		
AT8102															●			
AT8102WH															●			
AT8153															●			

✱ = FURNISHED - ● = OPTIONAL - (1) except for Wireless versions

installed sound mics

[illegible]

★ = FURNISHED - ● = OPTIONAL - (1) except for Wireless versions

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