2006-2007

Retail catalogue

UK | £

audio-technica
always listening™

SABINE®

On-Stage Stands®

TRUE systems™

audio-technica®
Distribution UK

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always listening™

naturally partners.

audio-technica®
Distribution UK

welcome to audio-technica Distribution UK

I am very pleased to welcome you to the Audio-Technica UK 2006-2007 retail catalogue. In addition to an expanding range of manufactured product lines, this edition also includes a range of complementary distribution brands, carefully selected to enable our customers to source a variety of professional audio, broadcast and installation solutions directly from Audio-Technica Ltd.

This year we are proud to add the new Artist Series microphones to our product range. Audio-Technica has worked closely with engineers and artists to create one of the most comprehensive series of microphones currently available from a single manufacturer. These have already set new industry standards in sound reproduction, noise suppression and durability.

New UK distribution brands include TRUE Systems preamps, a perfect complement to our microphone ranges. All distributed brands undergo rigorous evaluation to ensure that they meet the same professional criteria as Audio-Technica's own manufactured products.

Every product featured in this catalogue carries Audio-Technica's professional after-sales service guarantee. As a trade customer, or end user, you can rely on our highly-trained service staff to help you make the most of a comprehensive product range designed for live, studio and broadcast applications.

Audio-Technica has a strong commitment to quality, service and customer relationships. We look forward both to continuing our partnerships with existing customers, and to welcoming new customers on board during the year.

Adrian Rooke
Managing Director

"... This year we are proud to add the new Artist Series microphones to our product range. Audio-Technica has worked closely with engineers and artists to create one of the most comprehensive series of microphones currently available from a single manufacturer..."

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Service Department

At Audio–Technica we firmly believe the company is only as good as its after sales support. Hence the service department provides a fast and efficient repair service for both in, and out of warranty repairs. The service department also provides technical information and any spare parts required to support Audio-Technica products.

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Product & Technical Support Department

Technical support is here to provide help choosing the right product for the right application, as well as answering any technical queries relating to installation and product use. The type of queries handled by the support department can range from those from the first time user through to industry professionals.

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Current Happenings

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

Support

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

Download

- Download our European catalogue in 12 languages it contains specifications, prices and pictures of the entire range
- Download product photos with 300 dpi downloadable files;
- Download product literature in PDF format including spec sheets,
- Download manuals, brochures, etc;
- Download PDFs of the latest Audio-Technica advertisements

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audio-technica #6

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audio-technica®
always listening™

naturally technical.

a message from the president

Many of you looking for a microphone in this catalogue will encounter an unfamiliar combination of letters: RoHS and WEEE.

These acronyms will soon be commonplace. Already, a quick internet search returns more than one million links for each.

A brief introduction. The purpose of the RoHS (Restriction of the use of certain Hazardous Substances in Electrical and Electronic Equipment) directive is to protect human health and the environment by restricting the use of certain hazardous substances in new equipment. The WEEE (Waste Electrical and Electronic Equipment) directive aims to reduce the waste arising from electrical and electronic equipment and to improve the environmental performance of all those involved in the lifecycle of electrical and electronic products.

Since 2004, Audio-Technica engineers have been redesigning over 100 microphones and their accessories to follow the RoHS directives. Products that do not match the directives will soon be withdrawn from the market. When the WEEE directive comes into force—the date will vary from country to country—you will see the WEEE wheelie-bin logo on all our products.

Pb RoHS compliant

As the president of Audio-Technica, I want to assure you that our company is committed to the European market and committed to protecting the environment. It is our aim to provide you, in Europe, with equipment that allows you to perform better and better in your operations, whatever your role in the entertainment industries. To this end, we will endeavour to make all of our best products RoHS compliant. At Audio-Technica, we are adapting our operations in Europe to follow the new European environmental laws; we will be responsible for recycling the waste under new EU legislation. As a "producer", Audio-Technica will be responsible together with our exclusive European distributors for financing and co-ordinating the collection, treatment, recovery and disposal of WEEE from users of Audio-Technica products sold in the European market. And Audio-Technica would like to extend its efforts by involving the co-operation of our local dealers and end-users.

> "... I want to assure you that our company is committed to the European market and committed to protecting the environment..."

Several months ago, during the European AES, we ran an advertising campaign based on the fact that our company is technically oriented. Since the day Hideo Matsushita, our Chairman, my father, founded the company with the name Audio-Technica, our technical orientation has been conveyed by the word "Technica" at the root of our company's name. Today, with all the resources that we are investing in the protection of nature, the slogan we used during AES is more fitting than ever: *Naturally Technical.*

松下 和雄

Kazuo Matsushita
President

weee

	40 series									30 series				20 series
	AT4033a	AT4040	AT4050	AT4047	AT4060	AT4041	AT4049a	AT4051a	AT4053a	AT3060	AT3035	AT3031	AT3032	AT2020
VOCAL														
Vocal (singing)	●	●	●	●	●					●	●			●
Vocal (speaking)		●	●	●							●			●
DRUMS(1)														
Overheads	●	●	●			●					●	●		●
Hi-Hat	●		●			●			●			●		
Snare drum	●					●		●				●		
toms						●						●		
Cymbals						●								
Kick Drum			●											
PERCUSSION(1)														
General percusions	●	●	●			●			●		●	●	●	●
Classic percussion			●		●	●	●						●	
Minor percussion						●		●				●		●
SPECIAL APPLICATION														
Vintage sound				●	●					●				
PIANO														
Piano	●	●	✪		●						●	●		●
BRASS														
Trumpet	●	●									●			●
Trombone	●	●									●			●
WOODWIND														
Clarinet & Oboe	●	●									●			●
Flute & Piccolo	●	✪					●						●	●
Saxophone	●	●	✪	●							●			●
Bassoon	●													●
BLOWN														
Harmonica				●	●									●
Accordion		●	●						●			●		
ORCHESTRAL STRINGS														
Cello	●	●	●		✪		●						●	
Violin			●		✪		●							
ContraBass		●	●		✪									
STRINGS														
Acoustic guitar			●		●	✪		●						
Banjo			●			●			●			●		
INSTRUMENT AMPLIFIER														
Guitar amp	●	●	●	✪						●				●
Bass guitar amp			●	●	●									
Leslie Speaker		●				●		●						●

(1) For drums and percussions, see Artist Elite® application chart, page 16

● *Our Recommendation* ✪ *Best Choice*

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.

Studio microphones

40 series microphones #10 to #12

Start with cutting-edge transducer design theory. Then combine it with state-of-the-art technology and years of audio manufacturing excellence.
The result is the 40 Series: a superior line of precision tools created exclusively for today's most discerning studio artists.
The first choice of countless award-winning producers, engineers and musicians, 40 Series microphones are in constant daily use in the largest commercial recording facilities as well as in home and project studios worldwide. And while designed specifically to excel in professional recording environments, the 40 Series is also widely used by audio professionals for critical applications in broadcast and live sound reinforcement.

30 series microphones #13 to #14

Audio-Technica's renowned 30 Series offers the AT3035 large-diaphragm side-address cardioid condenser microphone.
A price/performance first in tube microphone technology.
The AT3060 side-address tube mic delivers warm, classic tube sound.
Studio-quality low-profile cardioid and omnidirectional condenser microphones complement the side-address microphones of the 30 Series.

20 series microphones #15

With the introduction of the AT2020, Audio-Technica has established a new price/performance standard in side-address studio condenser microphone technology; ideal for project/home-studio applications.

40 series

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

The AT4033a's low-noise circuitry is symmetrical and transformerless, resulting in exceptional transient response and clean output signals, even under high-output conditions. From vocals to drum overheads, from woodwind sections to guitar cabinets and on-air announcing, the AT4033a is a microphone of many talents – as useful on stage and in a broadcast facility as it is in the recording studio.

AT4033aSM
£329.95 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.
The AT4040's low-noise circuitry is symmetrical and transformerless, resulting in exceptional transient response and clean output signals, even under high-output conditions. The microphone is totally free of the distortion associated with conventional transformer-coupled outputs.

AT4040
£329.95 Cardioid condenser microphone with shock mount

AT4040SC
£349.95 Cardioid condenser microphone with stand clamp

Deemed "the stuff legends are made of" at its introduction, the AT4050 exhibits a remarkable combination of high-SPL capability with transparent and airy uppers/mids complemented by rich low-end qualities. And numerous legendary studio engineers agree that it is the perfect studio tool for use on vocals, piano, strings, drum overheads, guitar amps, ensembles – the list goes on and on.
The externally polarized (DC bias) true condenser element of the AT4050 utilizes dual, gold-vaporized and aged, large diaphragms to provide consistent, superior performance in three switchable polar patterns (cardioid, omnidirectional and figure-of-eight).

AT4050SM
£569.95 Multi-pattern condenser microphone with AT8449 shock mount

AT4050SC
£599.95 Multi-pattern condenser microphone with AT8430 stand clamp

Specifications	AT4033aSM	AT4040 and AT4040SC	AT4050SM and AT4050SC
Element	Permanently polarized condenser	Externally polarized condenser	Externally polarized condenser
Polar Pattern	Cardioid	Cardioid	Cardioid, omnidirectional, figure-of-eight
Frequency Response	30-20,000 Hz	20-20,000 Hz	20-18,000 Hz
Open Circuit Sensitivity	–32 dB (25.1 mV)	–32 dB (25.1 mV)	–36 dB (15.8 mV)
Impedance	100 Ω	100 Ω	100 Ω
Maximum Input Sound Level	145 dB SPL	145 dB SPL	149 dB SPL
1 kHz, T.H.D. 1%	155 dB SPL, with 10 dB pad	155 dB SPL, with 10 dB pad	159 dB SPL, with 10 dB pad
Signal-to-Noise Ratio	77 dB (1 kHz, 1 Pa)	82 dB (1 kHz, 1 Pa)	77 dB (1 kHz, 1 Pa)
Dynamic Range	128 dB, 1 kHz at Max SPL	133 dB, 1 kHz at Max SPL	132 dB, 1 kHz at Max SPL
Noise	17 dB SPL	12 dB SPL	17 dB SPL
Low Frequency Roll-Off	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave
Phantom Power Requirement	48V DC, 3.2 mA	48V DC, 4.2 mA	48V DC, 4.2 mA
Weight (less accessories)	380 g (13.4 oz)	360 g (12.7 oz)	510 g (18.0 oz)
Dimensions	170 mm (6.69") long 53.4 mm (2.10") diameter	170 mm (6.69") long 53.4 mm (2.10") diameter	188 mm (7.40") long 53.4 mm (2.10") diameter
Output Connector	Integral 3-pin XLRM type	Integral 3-pin XLRM type	Integral 3-pin XLRM type
Accessories Furnished	Protective carrying case AT8449 shock mount	Protective carrying case AT8449 shock mount (AT4040) AT8430 stand clamp (AT4040SC)	Protective carrying case AT8449 shock mount (AT4050SM) AT8430 stand clamp (AT4050SC)

1 Pascal = 10 dynes/cm^2 = 10 microbars = 94 dB SPL

40 series

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

The AT4047SV is a large-diaphragm condenser microphone designed to provide the warm sonic characteristics reminiscent of early F.E.T. studio microphone designs.

Wide dynamic range, high SPL capability and exceptionally low self-noise combine in a versatile tool that excels in digital recording environments. Also ideal for critical applications in broadcast and live sound, the precision-engineered AT4047SV delivers the consistency and reliability expected of A-T's 40 Series.

The AT4047SV features a switchable 80 Hz hi-pass filter and 10 dB pad. Both the microphone and included AT8449SV shock mount are provided in a vintage matt-silver finish.

AT4047SVSM
£499.95 Cardioid condenser microphone with AT8449SV shock mount

AT4047SVSC
£529.95 Cardioid condenser microphone with AT8430 stand clamp

AT4047SVSM

The AT4060 combines premium 40 Series engineering and vintage tube technology to deliver the exacting, versatile performance required in the most demanding studio applications. With a dynamic range that far exceeds that of other tube mics, the AT4060 provides the coveted sound of valve design without compromising the specification standards necessary to excel in today's diverse recording situations.

The dual large-diaphragm element delivers extended frequency response, while the carefully controlled cardioid pattern maintains uniform off-axis response. Included with each AT4060 are the AT8560 power supply, the AT8447 shock mount, and a 10 m cable.

AT4060
£1,499.95 Cardioid vacuum tube condenser microphone with AT8447 shock mount

AT4060

Specifications	AT4047SV	AT4060
Element	Externally polarized (DC bias) condenser	Externally polarized (DC bias) condenser
Polar Pattern	Cardioid	Cardioid
Frequency Response	20-18,000 Hz	20-20,000 Hz
Open Circuit Sensitivity	–35 dB (17.7 mV) ± 2 dB, re 1V at 1 Pa	–34 dB (19.9 mV) ± 2 dB, re 1V at 1 Pa
Impedance	250 Ω	200 Ω
Maximum Input Sound Level	149 dB SPL	150 dB SPL
1 kHz, T.H.D. 1%	159 dB SPL, with 10 dB pad	
Signal-to-Noise Ratio	85 dB (1 kHz at 1 Pa)	75 dB (1 kHz at 1 Pa)
Dynamic Range	140 dB (1 kHz at Max SPL)	131 dB (1 kHz at 150 SPL)
Noise	9 dB SPL	19 dB SPL
Low Frequency Roll-Off	80 Hz, 12 dB/octave	
Power Requirement	Phantom 48 V, 3.0 mA	AT8560 power supply (230 V AC)
Weight (less accessories)	410 g (14.5 oz)	640 g (22.6 oz)
Dimensions	170 (6.69") long. 53.4 mm (2.10") diameter	210 mm (8.27") long. 53.4 mm (2.10") diameter
Output Connector	Integral 3-pin XLRM type	Integral 6-pin XLRM type
Accessories Furnished	AT8449SV shock mount; or AT8430 stand clamp (with 4047SVSC)	AT8447 shock mount; AT8560 power supply; 10 m (32.8') cable; protective mic carrying case

1 Pascal = 10 dynes/cm^2 = 10 microbars = 94 dB SPL

40 series

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

This premium electret condenser microphone is engineered to meet the most critical acoustic requirements of professional recording, broadcast and live sound. The AT4041 features a transformerless output for very high SPL-handling capability.
A unique combination of audio excellence and moderate cost, the AT4041 is a rugged microphone housed in a case of turned brass with black chrome plating for durability and low reflectivity.

AT4041

AT4041
£239.95 Cardioid condenser microphone

These versatile studio performers may be used with confidence in a wide variety of professional miking applications, even under the stringent demands of modern digital recording systems. Featuring direct-coupled balanced outputs for clean signals in high output conditions, the microphones are totally free of the distortion associated with conventional transformer-coupled outputs.
Each microphone consists of two modular subassemblies: the AT4900a-48 body containing the microphone's electronics, and a corresponding condenser head capsule (the cardioid AT4051a-EL or the hypercardioid AT4053a-EL). All head capsules are interchangeable and available separately. The microphone housing is constructed of rugged turned brass with a low-reflective black chrome plating.

AT4051a, AT4053a

AT4051a
£399.95 Modular cardioid condenser microphone

AT4053a
£399.95 Modular hypercardioid condenser microphone

40 SERIES MICROPHONE COMPONENTS

AT4900a-48
£259.95 Electronics/body only

AT4051a-EL
£149.95 Cardioid element only

AT4053a-EL
£149.95 Hypercardioid element only

AT4900a-48

AT4051a-EL, AT4053a-EL

Specifications	AT4041	AT4051a/AT4053a
Element	Permanently polarized Condenser	Externally polarized (DC bias) condenser
Polar Pattern	Cardioid	Cardioid (AT4051a) Hypercardioid (AT4053a)
Frequency Response	20-20,000 Hz	20-20,000 Hz
Open Circuit Sensitivity	–36 dB (15.8 mV)	–33 dB (22.4 mV) AT4049a/AT4053a –34 dB (19.9 mV) AT4051a
Impedance	100 Ω	100 Ω
Maximum Input Sound Level	145 dB SPL, 1 kHz at 1% T.H.D.	146 dB SPL, 1 kHz at 1% T.H.D.
Signal-to-Noise Ratio	70 dB (1 kHz, 1 Pa)	75 dB (1 kHz, 1 Pa)
Dynamic Range	121 dB, 1 kHz at Max SPL	127 dB, 1 kHz at Max SPL
Noise	24 dB SPL	19 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, 3.2 mA
Weight (less accessories)	120 g (4.20 oz)	120 g (4.20 oz)
Dimensions	159.5 mm (6.28") long; 21 mm (0.83") diameter	155 mm (6.10") long; 21 mm (0.83") diameter
Output Connector	Integral 3-pin XLRM type	Integral 3-pin XLRM type
Accessories Furnished	Protective carrying case; AT8405a snap-in clamp; foam windscreen	Protective carrying case; AT8405a snap-in clamp; foam windscreen

1 Pascal = 10 dynes/cm^2 = 10 microbars = 94 dB SPL

30 series

30 series studio microphones (PC 343-MC 210)

The new AT3060 tube microphone offers the convenience and easy setup of a standard studio condenser by operating exclusively on 48V phantom power – no dedicated power supplies and special cables required.
Add to that an all-new large-diaphragm cardioid capsule design and you get the warm sound of a vintage tube mic combined with the exceptional quality and consistency you count on from Audio-Technica.

AT3060

£429.95 Phantom-powered tube microphone, includes AT8458 shock mount

- Newest addition to the 30 Series is the first tube microphone in the line, one of the most affordable high-quality tube mics on the market
- No dedicated power supply or special cable needed; operates exclusively on 48V DC phantom power
- All-new large-diaphragm cardioid condenser element provides high sensitivity and smooth sound reproduction with low noise levels
- Hand-selected tubes are individually tested and aged to maintain peak performance
- Shock-mounted tube assembly dampens mechanically-coupled vibrations
- Precision-machined, nickel-plated brass, acoustic element baffle provides enhanced element stability and optimal sensitivity
- Large coupling transformer provides superior low-frequency linearity
- Includes AT8458 shock mount and protective pouch
- State-of-the-art design and manufacturing techniques ensure compliance with A-T's stringent consistency and reliability standards

Specifications	AT3060
Element	Fixed-charge back plate permanently polarized condenser
Polar Pattern	Cardioid
Frequency Response	50 - 16,000 Hz
Open Circuit Sensitivity	–32 dB (25.1 mV) re 1V at 1 Pa
Impedance	400 Ω
Maximum Input Sound Level	134 dB SPL (1 kHz, 1% T.H.D.)
Signal-to-Noise Ratio	77 dB (1 kHz, 1 Pa)
Dynamic Range	117 dB, 1 kHz at Max SPL
Noise	17 dB SPL
Phantom Power Requirement	48V DC, 3 mA
Weight (less accessories)	540 g (19.1 oz)
Dimensions	170.5 mm (6.71") long; 52 mm (2.05") maximum body diameter
Output Connector	Integral 3-pin XLRM type
Accessories Furnished	Soft protection pouch; AT8458 shock mount

1 Pascal = 10 dynes/cm^2 = 10 microbars = 94 dB SPL

30 series

30 series studio microphones (PC 343-MC 210)

"Make it happen" – Bringing a new level of professional performance to home and project studios, the 30 Series offers all the advantages of high-quality studio microphones at an affordable price. Every aspect of these microphones has been tailored for a very smooth, natural sound while ensuring maximum accuracy, making them a perfect complement for today's digital recording equipment.

In addition to their rugged construction and high performance specifications, the 30 Series features the legendary reliability of Audio-Technica's modern engineering and manufacturing technology. This provides an exceptional level of consistency from model to model, critical when any of these mics are purchased in pairs.

AT3035
£199.95 Large-diaphragm cardioid condenser microphone, includes AT8458 shock mount

AT3031
£179.95 Small diaphragm cardioid condenser microphone

AT3032
£179.95 Small diaphragm omnidirectional condenser microphone

Specifications	AT3035	AT3031	AT3032
Element	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	Omnidirectional
Frequency Response	20-20,000 Hz	30-20,000 Hz	30-20,000 Hz
Low Frequency Roll-Off	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave
Open Circuit Sensitivity	–32 dB (25.1 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	250 Ω	250 Ω	250 Ω
Maximum Input Sound Level	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	148 dB SPL, 1 kHz at 1% T.H.D. 158 dB SPL, with 10 dB pad
Signal-to-Noise Ratio	82 dB, 1 kHz at 1 Pa	78 dB, 1 kHz at 1 Pa	78 dB, 1 kHz at 1 Pa
Dynamic Range	136 dB, 1 kHz at Max SPL	132 dB, 1 kHz at Max SPL	132 dB, 1 kHz at Max SPL
Noise	12 dB SPL	16 dB SPL	16 dB SPL
Phantom Power Requirement	11-52V DC, 3 mA	11-52V DC, 3 mA	11-52V DC, 3 mA
Weight (less accessories)	390 g (13.8 oz)	112 g (4.0 oz)	116 g (4.10 oz)
Dimensions	170 mm (6.69") long 52 mm (2.05") max diameter	144 mm (5.67") long 21 mm (0.83") max diameter	144 mm (5.67") long 21 mm (0.83") max diameter
Output Connector	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type
Accessories Furnished	AT8458 shock mount; soft protective pouch	AT8405a snap-in clamp; AT8159 windscreen; soft protective pouch	AT8405a snap-in clamp; AT8159 windscreen; soft protective pouch

1 Pascal = 10 dynes/cm^2 = 10 microbars = 94 dB SPL

20 series

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

Introducing a new strategy for superior sound. The AT2020 looks to the future, setting a price/performance/quality standard in side-address studio condenser technology that's way ahead of its time.

State-of-the-art design and manufacturing techniques ensure compliance with A-T's stringent consistency and reliability standards, setting the AT2020 apart from other side-address mics in its class. Its low-mass diaphragm is custom-engineered for extended frequency response and superior transient response. With low self-noise perfectly suited for sophisticated digital recording equipment, the microphone offers a wide dynamic range and handles high SPLs with ease. Its rugged construction is designed to stand up to years of use.

The AT2020: tomorrow's standard for affordable side address studio condensers. Today, from Audio-Technica.

CARDIOID CONDENSER MICROPHONE

AT2020

£99.95 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

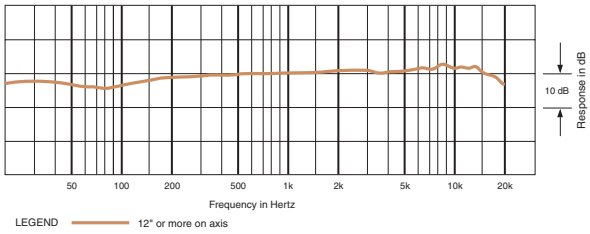
Specifications[1]	AT2020
Element	fixed-charge back plate permanently polarized condenser
Frequency Response	20-20,000 Hz
Open Circuit Sensitivity	–37 dB (14.1 mv) re 1v at 1 Pa*
Impedance	100 Ω
Maximum Input Sound Level	144 dB SPL, 1 kHz at 1% T.H.D.
Noise	20 dB SPL
Dynamic Range (typical)	124 dB, 1 kHz at max SPL
Signal-to-Noise Ratio[2]	74 dB, 1 khz at 1 Pa*
Phantom Power Requirements	48 V DC, 2 mA typical
Weight (less accessories)	12.1 oz (345 g)
Dimensions	132.0 mm (6.38") long, 52.0 mm (2.05") maximum body diameter
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] In the interest of standards development, a.t.u.s. offers full details on its test methods to other industry professionals on request.

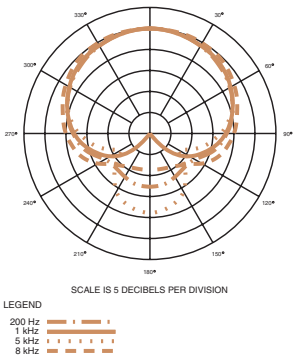
[2] Typical, A-Weighted, Using Audio Precision System One. Specifications are subject to change without notice.

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

Frequency Response



Polar Pattern



	artist elite®							artist series									
	AE5400(1)	AE3300(1)	AE6100(1)	AE4100(1)	AE2500	AE3000	AE5100	ATM710	ATM610	ATM410	ATM250DE	ATM250	ATM650	ATM450	ATM350	ATM73a	ATM75
VOCAL																	
Lead vocal	✪	●	✪	●				✪	✪	✪						●	●
Choir (Classic & Church)	●						✪	✪	●	●				✪			
Back vocals	●	✪	●	●				✪	✪	✪						●	●
Karaoke								✪									
DRUMS																	
Overheads	●	●				✪	✪							✪			
Hi-Hat							✪	●					●	✪			
Snare drum						●	●		●	●			✪		●		
Toms						✪	●		●	●	✪	✪	✪		✪		
Cymbal		●					✪						✪	✪	●		
Kick Drum					✪						✪	✪	●				
PERCUSSION																	
Timpani						✪								✪			
Conga & Bongo						✪					●	●	✪	✪	✪		
Ethnics drums						●					●	●	✪	✪			
Classic percussion						✪		●	●	●				✪			
Xylophone							✪							✪			
Minor percussion							✪							✪			
PIANO																	
Piano	●	●				●	●	●					●	✪			
BRASS																	
Trumpet						●		●	●	●					✪		
Tuba						●		●	●	●	●	●			✪		
Trombone						●		●	●	●					✪		
WOODWIND																	
Clarinet	●					●		●						✪			
Flute & piccolo						●	●	●						✪			
Saxophone	●					✪		●						✪	✪		
Bassoon	●					●		●						✪	✪		
BLOWN																	
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 42

● *Our Recommendation* ✪ *Best Choice*

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.

Live sound
microphones

artist elite®

#18 to #19

Audio-Technica has worked closely with industry professionals on the front line of this revolution – the top touring companies, award show designers, FOH and monitor engineers, audio consultants and artists – to learn what it takes to make the best-sounding, most reliable and consistent microphones for the live-sound industry.
We listened carefully.
Then we applied this knowledge to the creation of the Artist Elite® line of high-performance microphones.
Our ultimate design goal was this: Each model must extend the performance of a sound system, not limit it.

artist series

#20 to #25

Outstanding performance at a superb value for live applications.
A versatile live-sound product line designed for vocals, instrument pickup and general stage use.
The line is complemented by industry acclaimed headworn and instrument microphones such as the ATM35, widely used around the world on brass, reeds, string bass, toms and snare.

artist elite®

artist elite® microphones (PC 304-MC 220)

CONDENSER VOCAL MICROPHONES

AE5400
£299.95 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
£239.95 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
£149.95 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
£149.95 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

AE3300, AE5400

AE5400: The same large-diaphragm element used in the AT4050.

AE3300: The same element used in the legendary AT4033.

AE4100, AE6100

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)	–42 dB (7.9 mV)	–55 dB (1.7 mV)	–55 dB (1.7 mV)
Impedance	150 Ω	150 Ω	250 Ω	250 Ω
Maximum Input Sound Level	147 dB SPL	147 dB SPL		
1 kHz at 1% T.H.D.	157 dB SPL, with 10 dB pad	157 dB SPL, with 10 dB pad		
Signal-to-Noise Ratio*	80 dB	75 dB		
Dynamic Range (1 kHz)	133 dB	128 dB		
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 (11.6 oz)	300 g (10.6 oz)	310 g (10.9 oz)	310 g (10.9 oz)
Dimensions	179 mm (7.05") long; 50 mm (1.97") diameter	179 mm (7.05") long; 50 mm (1.97") diameter	177 mm (6.97") long; 48 mm (1.89") diameter	177 mm (6.97") long; 48 mm (1.89") 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; soft protective pouch	AT8470 Quiet-Flex™; stand clamp; soft protective pouch	AT8470 Quiet-Flex™; stand clamp; soft protective pouch	AT8470 Quiet-Flex™; stand clamp; soft protective pouch

1 Pascal = 10 dynes/cm^2 = 10 microbars = 94 dB SPL
*Typical, A-weighted

artist elite®

artist elite® microphones (PC 304-MC 220)

AE2500
£424.95 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 XLRF-type connector at microphone, two 3-pin XLRM-type output connectors

AE2500

AE3000
£189.95 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

AE3000

AE5100
£199.95 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

AE5100

Specifications	AE2500	AE3000	AE5100
Element	Condenser, Dynamic	Condenser	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)	–43 dB (7 mV)	–36 dB (15.8 mV)
Impedance	Dynamic : 600 Ω Condenser : 100 Ω	100 Ω	150 Ω
Maximum Input Sound Level 1 kHz, T.H.D. 1%	Condenser : 148 dB SPL 158 dB SPL, with 10 dB pad	148 dB SPL 158 dB SPL, with 10 dB pad	148 dB SPL 158 dB SPL, with 10 dB pad
Signal-to-Noise Ratio (1 kHz, 1 Pa)	Condenser : 70 dB	83 dB	83 dB
Dynamic Range (1 kHz)	Condenser : 124 dB	137 dB	137 dB
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 (13.8 oz)	170 g (6.0 oz)	143 g (5.0 oz)
Dimensions	165 mm (6.50”) long 55 mm (2.17”) diameter	115.5 mm (4.55”) long 48 mm (1.89”) diameter	148.5 mm (5.85”) long 26 mm (1.02”) diameter
Output Connector	Integral 5-pin XLRM type	Integral 3-pin XLRM type	Integral 3-pin XLRM type
Accessories Furnished	Protective pouch; cable; AT8471 Isolation clamp	Protective pouch; AT8471 Isolation clamp	Protective pouch; AT8471 Isolation clamp; AT8136 Windscreen

1 Pascal = 10 dynes/cm^2 = 10 microbars = 94 dB SPL

artist series

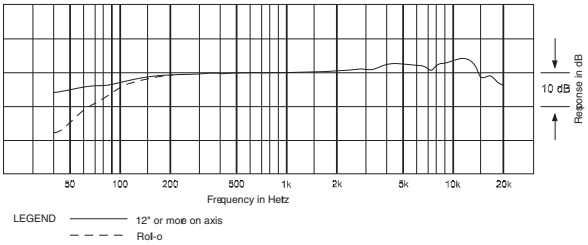
artist series condenser vocal microphone (PC 305-MC 220)

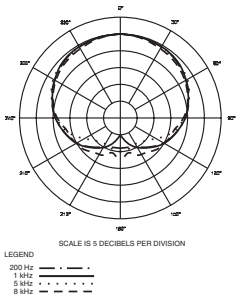
ATM710
£128.00

High-fidelity handheld condenser

This new Artist Series vocal condenser microphone is tailored for exacting detail and high-fidelity vocal reproduction. With a condenser design for studio-quality performance, the ATM710 is equipped with an integral 80Hz hi-pass filter that provides easy switching from a flat frequency response to a low-end roll-off position. It is also equipped with a switchable 10 dB pad that lowers the microphone's sensitivity, providing higher SPL capability.

- 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





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

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[1]	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 (9.7 oz)
Dimensions	179.0 mm (7.05") long, 50.0 mm (1.97") 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/cm^2 = 10 microbars = 94 dB SPL
Specifications are subject to change without notice.

artist series

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

ATM610
£105.00 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

ATM610

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

ATM410
£81.00 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

ATM410

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 (9.9 oz)	233 g (8.2 oz)
Dimensions	177.0 mm (6.97") long, 48.0 mm (1.89") diameter	170.0 mm (6.69") long, 53.5 mm (2.11") 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/cm^2 = 10 microbars = 94 dB SPL
Specifications are subject to change without notice.

artist series

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

ATM250DE
£234.00 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

ATM250DE

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

ATM250
£152.00 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

ATM250

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[1]	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 (11.3 oz)	252 g (8.9 oz)
Dimensions	143.6 mm (5.65") long, 55.0 mm (2.17") diameter	127.5 mm (5.02") long, 55.0 mm (2.17") 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 XLRF-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/cm^2 = 10 microbars = 94 dB SPL - 1 Typical, A-weighted, using Audio Precision System One.
Specifications are subject to change without notice.

artist series

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

ATM650
£93.00 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

ATM650

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

ATM450
£152.00 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

ATM450

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	148 dB SPL, 1 kHz at 1% T.H.D. (condenser)	152 dB SPL, 1 kHz at 1% T.H.D.
Dynamic Range (typical)	122 dB, 1 kHz at Max SPL (condenser)	127 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio[1]	68 dB, 1 kHz at 1 Pa* (condenser)	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 (9.8 oz)	98 g (3.5 oz)
Dimensions	164.2 mm (6.46") long, 38.8 mm (1.53") diameter	126.9 mm (5.00") long, 21.0 mm (0.83") 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/cm^2 = 10 microbars = 94 dB SPL - 1 Typical, A-weighted, using Audio Precision System One.
Specifications are subject to change without notice.

artist series

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

ATM350
£211.00 Cardioid condenser clip-on microphone

- Low-profile design for minimum visibility
- Attaches to brass, reeds, piano, acoustic 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

artist series interchangeable elements (PC 310-MC 230)

UE-H
£74.95 Hypercardioid interchangeable element

UE-O
£74.95 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[1]	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 (0.5 oz)	Power Module: 81.2 g (2.9 oz)	
Dimensions	Microphone: 37.8 mm (1.49") long, 12.2 mm (0.48") diameter	Power Module: 92.9 mm (3.66") long, 18.9 mm (0.74") diameter	
Output Connector (power module)	Integral 3-pin XLRM-type		
Cable	4.0 m (13.1") long (permanently attached to microphone), 3.2 mm (0.13") diameter, 2-conductor shielded cable with TA3F-type connector		
Accessories Furnished	AT8542 power module; AT8418 UniMount® microphone instrument mount; AT8468 violin mount; soft protective pouch		

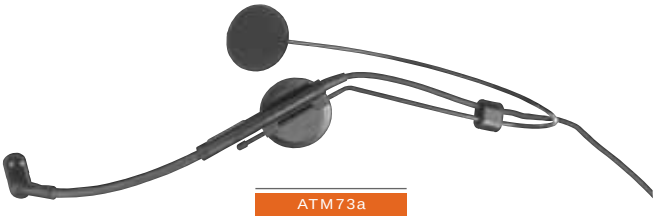
*1 Pascal = 10 dynes/cm^2 = 10 microbars = 94 dB SPL
Specifications are subject to change without notice.

artist series

artist series headworn microphone (PC 305-MC 220)

ATM73a
£152.00 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



ATM73a

ATM75
£116.00 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

ATM75

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*	–51 dB (2.8 mV) re 1V at 1 Pa*
	Battery:	–56 dB (1.5 mV) re 1V at 1 Pa*	–53 dB (2.2 mV) re 1V at 1 Pa*
Impedance	Phantom:	200 ohms	200 ohms
	Battery:	270 ohms	270 ohms
Max. Input Sound Level	Phantom:	146 dB SPL, 1 kHz at 1% T.H.D.	132 dB SPL, 1 kHz at 1% T.H.D.
	Battery:	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	96 dB, 1 kHz at Max SPL
	Battery:	97 dB, 1 kHz at Max SPL	85 dB, 1 kHz at Max SPL
Signal-to-Noise Ratio[1]		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: 1.1 oz (31 g) Power Module: 4.9 oz (139 g)	Microphone: 2.1 oz (60 g) Power Module: 4.9 oz (139 g)
Dimensions	Headset:	6.49" (165.0 mm) nominal at widest point, 2.64" (67.0 mm) flexible boom	4.72" (120.0 mm) nominal at widest point, 3.17" (80.5 mm) flexible boom
	Microphone:	0.39" (10.0 mm) diameter	0.80" (20.4 mm) diameter
	Power Module:	3.31" (84.0 mm) H x 2.48" (63.0 mm) W x 0.87" (22.0 mm) D	3.31" (84.0 mm) H x 2.48" (63.0 mm) W x 0.87" (22.0 mm) D
Output Connector	Power Module:	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type
Cable		4.6' (1.4 m) long (permanently attached to microphone), 0.10" (2.6 mm) diameter, 2-conductor shielded cable with TA3F-type connector	4.6' (1.4 m) long (permanently attached to microphone), 0.11" (2.8 mm) diameter, 2-conductor shielded cable with TA3F-type connector
Accessories Furnished		AT8531 power module; AT8128 windscreen; AT8125 windscreen; battery	AT8531 power module; AT8439 clothing clip; AT8139L large windscreen; AT8139S small windscreen; battery

*1 Pascal = 10 dynes/cm^2 = 10 microbars = 94 dB SPL
Specifications are subject to change without notice.

	pro series										midnight blues						atr series							
	PRO31	PRO41	PRO61	PRO8HEx(1)	PRO25ax	PRO63	PRO70	PRO35(1)	PRO37	PRO24	MB1k	MB2k	MB3k	MB4k	MB5k	MB6k	ATR20	ATR25	ATR30	ATR3M	ATR35S	ATR50	ATR55	ATR97
VOCAL																								
Lead Vocal	●	●	●	●							●	●	●				●		●			●		
Choir (classic/church)									●					●										
Back vocal		●	●			●							●											
Aerobics				●(1)																	●			
Karaoke	●	●	●								●	●	●				●		●			●		
DRUMS																								
Overheads									●					●										
Hi-Hat									●					●										
Snare drum						●		●							●	●								
toms					●			●							●	●								
Cymbal									●					●										
Kick Drum					●											●								
PERCUSSION																								
Congas/Bongo					●			●																
Ethnics drums					●			●																
Classic percussion					●			●	●															
Xylophone									●															
Minor percussion									●															
PIANO																								
Piano									●			●		●										
BRASS																								
Trumpet								●																
Tuba					●			●																
Trombone								●																
WOODWIND																								
Clarinet & Oboe									●					●										
Flute & piccolo									●					●										
Saxophone								●																
Bassoon									●															
BLOWN																								
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																	●	●	●			●		
Talkback																				●				

(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.

Multipurpose microphones

pro series

#28 to #29

Audio-Technica's Pro Series has a hard-working, dependable microphone to meet every sound reproduction and reinforcement challenge and every budget. With state-of-the-art electronics and smooth, clear sound, Pro Series handheld and specialty models have earned a reputation for highest sonic quality and most durable design in their class.

midnight blues

#30 to #31

Meet the industry standard in affordable vocal and instrument microphones: Audio-Technica's Midnight Blues Series. With its high-output design, superior sound and rugged, all-metal construction, this totally redesigned series creates a new standard in affordable vocal and instrument microphones.

atr series

#32 to #33

Audio-Technica's most affordable line of microphones for home and office.

MB3k, winner of "Best Cable Mic", 2005 Music and Sound Award

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
£42.95 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
£39.95 Cardioid dynamic microphone
- Same as PRO31 with cable XLRF to 1/4" jack

PRO41
£49.95 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
£59.95 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

HEADWORN MICROPHONE

PRO8HEx
£89.95 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

DYNAMIC INSTRUMENT MICROPHONES

PRO25ax
£109.95 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
£49.95 Cardioid Hi-ENERGY® dynamic microphone
- Tailored response provides natural, full-range reproduction

PRO25ax

PRO61

PRO8HEx

PRO63
PRO31
PRO41

Specifications	PRO31	PRO41	PRO61	PRO8HEx	PRO25ax	PRO63
Elements	Dynamic	Dynamic	Dynamic	Dynamic	Dynamic	Dynamic
Polar Pattern	Cardioid	Cardioid	Hypercardioid	Cardioid	Hypercardioid	Cardioid
Frequency Response	60-13,000 Hz	90-16,000 Hz	70-16,000 Hz	200-18,000 Hz	30-12,000 Hz	70-16,000 Hz
Open Circuit Sensitivity	–55 dB (1.7 mV)*	–55 dB (1.7 mV)*	–55 dB (1.7 mV)*	–55 dB (1.7 mV)*	–54 dB (1.9 mV)*	–55 dB (1.7 mV)*
Impedance	600 Ω	300 Ω	300 Ω	600 Ω	600 Ω	300 Ω
Switch	MagnaLock™ on/off	MagnaLock™ on/off				
Weight	312 g	304 g	335 g	60 g	230 g	309 g
Dimensions						
Length	185.0 mm	185.0 mm	192.0 mm	80.5 mm (boom)	113.0 mm	182.1 mm
Head Diameter	53.1 mm	53.1 mm	52.6 mm	20.4 mm	50.0 mm	41.4 mm
Cable	4.5 m XLRF-XLRM XLRF-1/4" (PRO31QTR)	4.5 m XLRF-XLRM	4.5 m XLRF-XLRM	2.2 m permanently attached	(no cable furnished)	4.5 m XLRF-XLRM

*1 V at 1 pa, 1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL

pro series microphones

pro series condenser microphones (PC 320-MC 240)

PRO70

CONDENSER INSTRUMENT MICROPHONES

PRO70
£99.95

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

PRO35
£139.95

Cardioid condenser clip-on instrument microphone
- Ideal for sax, toms, brass and percussion
- Excels in high-SPL applications
- Perfect for active stage performances

PRO37
£119.95

Small-diaphragm cardioid condenser microphone
- Ideal for acoustic guitar, overheads, piano and group vocals
- Excels in high-SPL applications

PRO35

PRO37

STEREO CONDENSER MICROPHONES

PRO24
£89.95

Stereo condenser microphone
- Designed for a wide range of stereo applications
- Compact, lightweight design is perfect for camera-mount use
- 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

Specifications	PRO70	PRO35	PRO37	PRO24
Elements	Fixed-charge back plate permanently polarized condenser			
Polar Pattern	Cardioid	Cardioid	Cardioid	X/Y stereo
Frequency Response	100-14,000 Hz	50-15,000 Hz	30-15,000 Hz	100-17,000 Hz
Low Frequency Roll-Off	80 Hz, 8 dB / octave	80 Hz, 12 dB / octave	–	–
Open Circuit Sensitivity	– 45 dB (5.6 mV)*	– 45 dB (5.6 mV)*	– 42 dB (7.9 mV)*	– 50 dB (3.1 mV)*
Impedance	200 Ω	250 Ω	200 Ω	600 Ω
Maximum 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.	119 dB SPL, 1 kHz at 1% T.H.D.
Dynamic Range (typical)	96 dB, 1kHz at max. SPL	115 dB, 1kHz at max. SPL	112 dB, 1kHz at max. SPL	82 dB, 1kHz 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*	57 dB, 1 kHz at 1 Pa*
Power Requirements	Phantom 11-52V DC or battery	Phantom 11-52V DC	Phantom 11-52V DC	Plug in power or battery
Battery Type / Life	1,5 V AA / 1200 hours typical	Phantom only	Phantom only	1,5 V LR44 / 200 hours typical
Switch	Off, on-flat, on-roll-off	Flat, roll-off	–	On-off
Weight	8 g / 134 g (power module)	8 g / 56 g (power module)	49 g	111 g
Microphone Dimensions				
Length	25 mm	25 mm	99 mm	116,5 mm
Body Diameter	10.2 mm	10.2 mm	21 mm	21 mm
Output Connector	3 pin XLRM (power module)	3 pin XLRM (power module)	3 pin XLRM	3,5 mm stereo mini-plug
Cable	1.8 m, permanently attached between microphone and power module		none	1.8 m, permanently attached with 3.5 mm stereo plug
Accessories Furnished	AT8411 clip, AT8444 instrument adapter; power module; windscreen; battery; soft protective pouch	AT8418 UniMount® micro-phone 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; windscreen; soft protective pouch - (LR44 battery, with PRO24 only)	

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

midnight blues

midnight blues® microphones (PC 323-MC 220)

The Midnight Blues' all-metal construction says quality and its velvety finish gives a secure, comfortable grip.
This ultra-soft-touch surface also minimizes mechanical noise and sealed magnetic reed switches on all dynamic models are contoured to fit the mic's sleek profile.
High volumes come through without distortion, clarifying the intensity of vocals and instruments and even subtle nuances are clean and precise.

DYNAMIC MICROPHONES

MB1k
£29.95 Dynamic vocal microphone with high-output
- Hi-ENERGY® dynamic neodymium element for improved output and transient response

MB1k/c
£39.95 MB1k microphone with 4.50 m XLR-XLR cable

MB2k
£39.95 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

MB2k/c
£49.95 MB2k microphone with 4.50 m XLR-XLR cable

MB3k
£44.95 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

MB3k/c
£49.95 MB3k microphone with 4.50 m XLR-XLR cable

CARDIOID CONDENSER MICROPHONE

MB4k
£89.95 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

MB4k/c
£94.95 MB4k microphone with 4.50 m XLR-XLR cable

MB1k/c

MB2k/c

MB3k/c

MB4k/c

Specifications	MB1k	MB2k	MB3k	MB4k
Elements	Neodymium Dynamic	Neodymium Dynamic	Neodymium Dynamic	Fixed-charge back plate permanently polarized condenser
Polar Pattern	Unidirectional	Unidirectional	Unidirectional	Cardioid
Frequency Response	80-12,000 Hz	60-14,000 Hz	60-14,000 Hz	80-20,000 Hz
Open Circuit Sensitivity	– 53 dB (2.2 mV) re 1V at 1 Pa*	– 54 dB (1.9 mV) re 1V at 1 Pa*	– 54 dB (1.9 mV) re 1V at 1 Pa*	– 53 dB (2.2 mV) re 1V at 1 Pa*
Impedance	600 Ω	600 Ω	600 Ω	(Phantom/Battery) 200/250 Ω
Switch	MagnaLock™ ON/OFF	MagnaLock™ ON/OFF	MagnaLock™ ON/OFF	ON/OFF
Maximum Input Sound Level (Phantom/Battery)	–	–	–	137 dB SPL / 125 dB SPL**
Signal-to-Noise-Ratio				70 dB, 1 kHz at 1 Pa*
Dynamic Range (typical) (phantom/battery)	–	–	–	113 dB / 101 dB**
Phantom Power Requirements				11-52 DC, 2mA typical
Battery Type / Current / Life	–	–	–	1.5V AA/UM / 30,4 mA/1200 h typical
Weight (less accessories)	337 grams (11.9 oz)	337 grams (11.9 oz)	343 grams (12.1 oz)	182 grams (6.4 oz)
Dimensions Length :	192 mm (7.56")	183.6 mm (7.23")	192 mm (7.56")	205.7 mm (8.10")
Head diameter :	55,6 mm (2.19")	41.4 mm (1.63")	53.8 mm (2.12")	41,7 mm (1.64")
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; 15" cable (MB1k/c only); AT8422 adapter	AT8470 Quiet-Flex™stand clamp; soft protective pouch; AT8422 adapter; 15" cable (MB2k/c only)	AT8470 Quiet-Flex™stand clamp; soft protective pouch; AT8422 adapter; 15" cable (MB3k/c only)	AT8405a stand clamp, battery; soft protective pouch; AT8422 adapter; 15" cable (MB4k/c only)

*1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL **1 kHz at 1% T.H.D.

MB packs

MB Packs™ drum pack (PC 324-MC 220)

MB/Dk5
£139.95

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/Dk5

MB/Dk7
£279.95

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

MB5k
£39.95

Cardioid Dynamic Snare/Tom Microphone

Tailored for snare, rack toms and other highly dynamic instruments, the MB5k snare/tom microphone offers a moving coil dynamic design with cardioid polar pattern, delivering superior off-axis rejection for maximum gain before feedback. With a frequency response of 100-12,000 Hz, the mic is engineered to handle fast transients and high SPLs.

- Custom-engineered for use on snare and toms
- Road-ready all-metal construction
- Low-profile percussion-style design
- Built-in adjustable stand mount
- Cardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source

MB5k

MB6k
£49.95

Cardioid Dynamic Kick Microphone

The cardioid dynamic MB6k kick microphone has a frequency response of 60-12,000 Hz. A natural at handling high SPLs, the MB6k delivers superior results on bass drum as well as on floor and deep rack toms.

- Custom-engineered for use on kick drum
- Rugged all-metal construction
- Low-profile design for easy placement
- Built-in adjustable stand mount
- Cardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source

MB6k

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 (11.4 oz)	317 grams (11.2 oz)
Dimensions Length :	113.2 mm (4.46”)	116.5 mm (4.59”)
Head diameter :	41.5 mm (1.63”)	53.5 mm (2.11”)
Output connector	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type

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

atr series

atr series microphones (PC 312-MC 240)

ATR20
£19.95

Unidirectional vocal and instrument microphone

The ATR20 is an attractively priced step-up design. This handheld dynamic mic is tuned for clear vocal and instrument reproduction and consistent performance. Its unidirectional polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source and protecting against feedback.

- Designed especially for both vocal and instrument miking
- Unidirectional polar pattern rejects undesirable off-axis sound and background noise
- Permanently-attached 5 m (16.5') cable terminated with a 3.5 mm mini-plug for use with home or portable recording systems
- Conveniently-located on/off switch
- Includes 6.35 mm (1/4") plug adapter and desk stand

ATR20

ATR30
£39.95

Unidirectional multi-purpose dynamic microphone

This ruggedly built dynamic mic provides full-sounding professional pickup for both vocals and instruments. The ATR30's unidirectional polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source. Its conveniently located switch provides the performer with easy access to on/off control. The mic's proximity effect provides added warmth when used close up.

- Professional sound quality for vocals and instruments
- Unidirectional polar pattern reduces pickup of undesired off-axis sounds
- Proximity effect provides enhanced low-end response when used close up
- Rugged metal construction is great for touring and on-stage use
- Conveniently-located on/off switch
- Includes stand clamp and detachable 5 m (16.5') cable (XLR to 6.35 mm (1/4") phone plug)

ATR30

ATR3M
£49.95

Dynamic gooseneck talkback microphone

The ATR3M is a quality dynamic talkback microphone engineered for durability, excellent speech intelligibility and reliable performance-at a very attractive price. With its flexible gooseneck design, XLR-type plug-in, protective windscreen and press-on/press-off switch, the microphone is ideal for everyday use in entertainment, commercial and industrial applications.

- Designed for use as a quality talk-back microphone
- Ideal for entertainment, commercial and industrial applications
- Excellent intelligibility and dependable performance
- Protective windscreen and rugged construction
- Conveniently-located on/off switch
- Overall length of 445.0 mm (17.52")

ATR3M

ATR50
£49.95

Dynamic unidirectional professional microphone

The versatile ATR50 dynamic microphone provides full-sounding professional pickup for both vocals and instruments. A popular choice for on-stage performance, its unidirectional polar pattern allows the mic to focus on the desired sound location, while controlling feedback. Its conveniently located switch provides the performer with easy access to on/off control. The mic's proximity effect provides added warmth when used close up.

- Well-suited for on-stage vocal/instrument use as well as for the karaoke enthusiast
- Rugged metal construction
- Unidirectional polar pattern reduces pickup of undesired off-axis sounds
- Proximity effect provides enhanced low-end response when used close up
- Conveniently-located on/off switch
- Includes stand clamp and detachable 4.6 m (15') cable (XLRF to XLRM)

ATR50

Specifications	ATR20	ATR30	ATR3M	ATR50
Elements	Dynamic	Dynamic	Dynamic	Dynamic
Polar Pattern	Unidirectional	Unidirectional	Cardioid	Unidirectional
Frequency Response	80-12,000 Hz	60-15,000 Hz	150-10,000 Hz	70-14,000 Hz
Impedance	500 Ω	500 Ω	500 Ω	500 Ω
Switch	On/off switch	On/off switch	Push to talk	On/off switch

atr series

atr series microphones (PC 312-MC 240)

ATR25
£44.95

Dual unidirectional stereo condenser microphone

The ATR25 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.

- Professional condenser circuitry ensures excellent sound quality
- On/off switch for convenient operation
- Includes short camera cable with stereo mini-plug, and long recording cable with dual mono mini-plugs and 6.35 mm (1/4") adaptersCamera-mount and interchangeable microphone stand adapter base included

ATR25

ATR55
£69.95

Telemike™ shotgun microphone

The ATR55 offers intelligible reproduction for close-, medium-, and long-distance pickup. In its "Tele" range setting, this unidirectional 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
- Two range settings: "Normal" for close- to medium-distance recording; "Tele" for long-distance pickup
- Permanently-attached 0.9 m (3') cable terminated with a 3.5 mm mini-plug

ATR55

ATR35S
£29.95

Miniature lavalier microphone with integral battery pack

Audio-Technica's omnidirectional ATR35s lavalier is engineered for intelligible, accurate voice reproduction. This high-quality condenser is ideal for video use. Its low-profile design assures minimum visibility.

- High-quality condenser in a miniature lavalier microphone
- Ideal for aerobics/dance/sports instructors
- Great for video use, this "newscaster-style" microphone is practically invisible
- Integrated 60 m (20') cable terminated with a 3.5 mm mini-plug for use with most cameras and home recording systems
- On/off switch for convenient operation
- Includes tie clip, battery, foam windscreen, and 6.35 mm (1/4") adapter

ATR35S

ATR97
£44.95

Low profile omnidirectional boundary microphone

The ATR97 is a condenser boundary microphone with an omnidirectional polar pattern. It is useful in surface-mounted applications, for meetings, teleconferencing and desktop computer use.

- Omni pickup pattern offers full area coverage
- On/off switch on bottom
- Rugged housing features low-profile design for minimum visibility
- Permanently-attached 1.5 m (4.9') cable terminated with 3.5 mm mini-plug

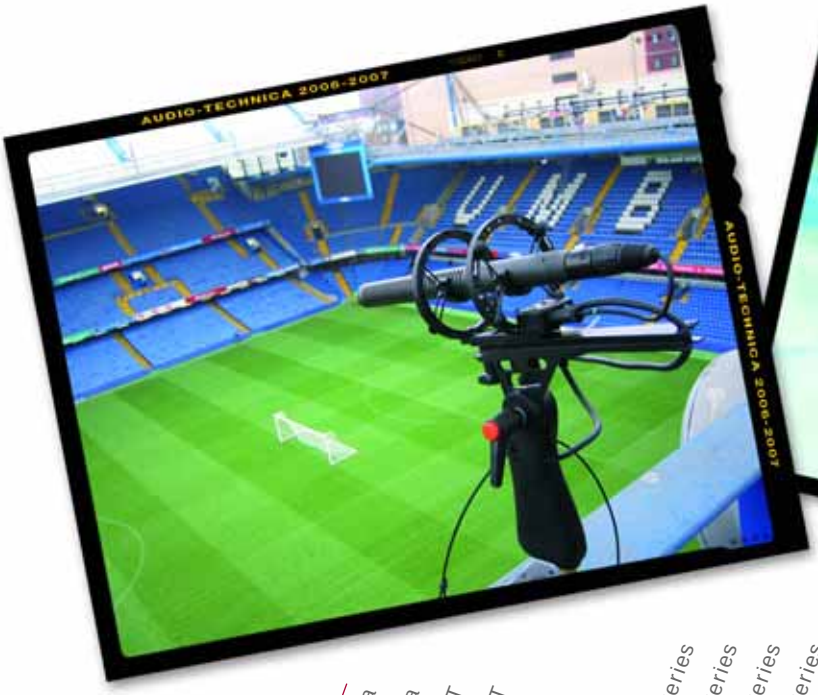
ATR97

Specifications	ATR25	ATR55	ATR35S	ATR97
Elements	Stereo condenser	Condenser	Condenser	Condenser
Polar Pattern	Dual unidirectional	normal: Unidirectional - Tele : Supercardioid	Omnidirectional	Omnidirectional
Frequency Response	70-18,000 Hz	70-18,000 Hz	50-18,000 Hz	50-15,000 Hz
Sensitivity	-50dBm	Normal :- 56dBm - Tele : -45 dB	-54dBm	-46dB
Impedance	600 Ω	Normal :1000 Ω - Tele : 2200 Ω	1000 Ω	1000 Ω
Battery			1.5V LR44-type	1.5V LR44-type
Weight (Wo cable)	80g	113g	5.5g	48g
Accessories Furnished	Battery; windscreen; camera mount; mic stand adapter; 2 1/4'' mono plug adaptors	1/4'' plug adaptor; battery; windscreen; pistol-grip/stand clamp; camera mount	1/4'' plug adaptor; tie clip; battery; windscreen	6,3 mm standard adaptor

Audio-Technica's versatile Broadcast & Production Microphones set standards for clear, intelligible audio reproduction at major broadcast studios and field production sites around the world. These high-performance microphones are the choice of news crews, videographers, filmmakers and university film/TV departments worldwide. A-T mics are chosen for critical broadcasts from the U.S. House of Representatives and Senate. In presidential debates since 1988, Audio-Technica has provided seamless audio coverage and technical support. A-T microphones dominate the GRAMMY® Awards and the Rock & Roll Hall of Fame induction ceremonies.

Audio-Technica mics also set performance standards for the Super Bowl, World Cup, the Commonwealth Games, and other high-profile sports broadcasts.

Distinguished by Audio-Technica's innovative transducer designs, Broadcast & Production Microphones feature elegant styling and durable construction. They are ideal for a broad range of entertainment, commercial and industrial applications, including TV/film/radio broadcast, AV presentations and theatre sound reinforcement.



	AT4071a	AT4073a	AT815ST	AT835ST	AT815b	AT835b	AT897	AT892 Series	AT898 Series	AT899 Series	AT803 Series	AT831 Series	MT830 Series	MT350b	MT838b(6)	ATM31a - AT813a	ATM33a	AT825	AT822	AT849	ATM10a	AT804	AT804L	AT808G	AT895/RK
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 51 (3) See AT4047 page 11, and Studio Microphones chart
(4) See AE5100 page 19 (5) See Artist Elite Wireless page 62 (6) Exists in Wireless version
● *Our Recommendation* ✪ *Best Choice*
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.

Broadcast & Production microphones

shotgun microphones # 36 to # 38

Broadcast & Production Shotgun Microphones offer crisp, clear, intelligible speech reproduction for critical long-distance pickup in broadcasting, film/TV/video production, professional recording and theatre sound reinforcement applications.
They are 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 their smooth, natural-sounding audio quality, these highly directional microphones are also ideal for wildlife recording.

adaptive array microphones # 39

DeltaBeam™ Technology is a unique, groundbreaking optimization of acoustic, analog and digital design that produces unmatched directional performance, operating versatility and ease of use.

AT898 and AT899 subminiature condenser microphones # 40

Designed to be worn as a lavalier or hidden in clothing, Audio-Technica's discreet-design cardioid AT898 and Omnidirectionnal AT899 are engineered for intelligible, accurate voice reproduction and unobtrusive appearance for use in houses of worship, broadcast studios, theatres, etc.

AT892 MicroSet™ microphones #41

MicroSet delivers the industry-standard sound quality you've come to expect from Audio-Technica – extremely intelligible natural audio. Its rugged construction is designed to meet the challenges of day-to-day use in production, house-of-worship and theatre settings. Available in black and beige with terminations for Audio-Technica and other manufacturers' wireless transmitters, the MicroSet represents the new quality/wearability standard for micro headset technology

clip-on lavalier microphones # 42

With Audio-Technica's legendary innovations in electro-acoustic design, A-T'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.

stereo microphones # 43

Audio-Technica offers a wide range of Broadcast & Production Stereo Microphones for studio and field recording, surface-mount applications and for long-distance pickup (see page 37 for Stereo Shotgun Microphones)
Designed for high-quality sound reinforcement, broadcasting and recording applications, these robust microphones deliver clear and intelligible audio reproduction.

handheld and gooseneck microphones #44 to #45

The Handheld AT804 is ideal for interviews, sportscasting.
The AT808G is designed for use as a quality talk-back microphone in entertainment, commercial and industrial applications.
Formerly part of Artist Series. The ATM10 and ATM31a condenser microphones are industry standard in studio and broadcast applications.

broadcast & production

broadcast & production line + gradient true condenser microphones (PC 306-MC 210)

LINE + GRADIENT CAPACITOR MICROPHONES

Audio-Technica AT4071a and AT4073a condenser shotguns have been specially created to meet the highest demands of broadcasting, film/video recording and theatre sound reinforcement at only half the size of the traditional shot gun microphones. They have a switch-selectable hi-pass filter. The microphone casing is made of almuminium making it robust yet lightweight.
They feature a broad-band, linear on-axis frequency response, with maximum rejection of sounds from both the sides and the rear of the microphone. Rear polar lobing, common in shotgun microphones, has been greatly reduced and the off-axis response remains highly uniform. The resultant lack of sound coloration on- and off-axis makes those microphones particularly useful for miking dynamic action in film/TV audio as well as in "spot" miking techniques in the music studio or theatre .
The effective working distance of a directional microphone is determined in great part by its polar pattern and the uniformity of its off-axis response.
These factors help determine the signal-to ambient-noise ratio. Of course, the electronic signal-to-noise ratio.
also affects the usable miking distance. The AT4071a and the AT4073a provide extremely high output and a noise floor that is hardly measurable, much less audible. It may be used with confidence in distant miking applications and even under the stringent demands of modern digital recording systems.

AT4071a

AT4071a

£699.95 Line + gradient capacitor microphone, 395 mm long
- Operates on phantom power only
- Externally polarized condenser
- Very low noise

AT4073a

£649.95 Line + gradient capacitor microphone, 232 mm long
- Operates on phantom power only
- Externally polarized condenser
- Very low noise

AT4073a

Specifications	AT4071a	AT4073a
Frequency Response	30-20,000 Hz	30-20,000 Hz
Open Circuit Sensitivity	–21 dB (89.1 mV)	–23 dB (70.8 mV)
Impedance	100 Ω	100 Ω
Maximum Input Sound Level	124 dB SPL, 1 kHz at 1% T.H.D.	126 dB SPL, 1 kHz at 1% T.H.D.
Noise, typical (A-weighted)	12 dB SPL	14 dB SPL
Dynamic Range, typical	112 dB, 1 kHz at Max. SPL	112 dB, 1 kHz at Max. SPL
Signal-to-Noise Ratio, typical	82 dB, 1 kHz at 1 Pa	80 dB, 1 kHz at 1 Pa
Phantom Power Requirement	11-52V DC	11-52V DC
Weight	155 g (5.5 oz)	114 g (4.0 oz)
Dimensions	L 395 mm; Ø 21 mm	L 232 mm; Ø 21 mm
Accessories Furnished	AT8405a snap-in clamp; protective carrying case; AT8135 reticulated, open-cell foam windscreen	AT8405a snap-in clamp; protective carrying case; AT8134 reticulated, open-cell foam windscreen

1 Pascal = 10 dynes/cm^2 = 10 microbars = 94 dB SPL

broadcast & production

broadcast & production shotgun microphones (PC 306-MC 210)

AT815ST AT835ST

STEREO SHOTGUN MICROPHONES OPERATED ON PHANTOM POWER ONLY

Switch selectable non-matrixed M-S mode and two internally-matrixed left/right stereo modes provide versatile professional performance. In M-S mode, each microphone provides independent mid and side signals. This allows the desired stereo image to be created at the recording desk or mixing electronics. The two internally-matrixed modes provide traditional "left-right" stereo to accomodate varying acoustic environments, the user may select between a "wide" pattern (LR-W) with increased ambient pickup, and "narrow" pattern (LR-N) which offers more rejection and less ambience.

AT815ST
£799.95 380 mm phantom only stereo shotgun microphone

AT835ST
£599.95 236 mm phantom only stereo shotgun microphone

Specifications	AT815ST	AT835ST
Frequency Response	30-20,000 Hz	40-20,000 Hz
Polar Pattern	Line Cardioid and figure-of-eight	
Low-Frequency Roll-Off	80 Hz, 12 dB/octave	
Open Circuit Sensitivity	Mid:	–30 dB (31.6 mV)
re 1 V at 1 Pa	Side:	–34 dB (19.9 mV)
	LR Stereo:	–36 dB (15.8 mV)
Impedance	200 Ω	
Maximum Input Sound Level	Mid:	123 dB
	Side:	127 dB
	LR Stereo:	126 dB SPL
Dynamic Range	Mid:	101 dB
1 kHz at Max SPL	Side:	101 dB
	LR Stereo:	102 dB
Signal-to-Noise Ratio	72 dB	
Phantom Power	11-52 DC, 4 mA typical at 48V	
Requirements	each channel	
Weight	142 g (5.0 oz)	103 g (3.6 oz)
Dimensions	380 mm long	236 mm long
	Ø 21 mm	Ø 21 mm

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

LINE + GRADIENT CONDENSER MICROPHONES OPERATED ON BATTERY OR PHANTOM POWER

The AT815b and the AT835b are wide-range condenser microphones with a line + gradient polar pattern specifically designed to provide the narrow acceptance angle desirable for long distance sound pickup.

AT815b
£269.95 460 mm line + gradient condenser microphone

AT835b
£259.95 369 mm line + gradient condenser microphone

AT815b AT835b

Specifications	AT815b		AT835b	
Frequency Response	30-20,000 Hz		40-20,000 Hz	
Polar Pattern	Line + gradient		Line + gradient	
Low-Frequency Roll-Off	180 Hz 12 dB/octave		180 Hz 12 dB/octave	
Open Circuit Sensitivity	–38 dB (12.5 mV)		–38 dB (12.5 mV)	
Impedance	500 Ω		500 Ω	
Maximum Input Sound Level	130 dB SPL -phantom-	115 dB SPL (battery)	130 dB SPL (phantom)	115 dB SPL (battery)
Dynamic Range	106 dB -phantom-	91 dB (battery)	106 dB (phantom)	91 dB (battery)
Signal-to-Noise Ratio	70 dB 1 kHz at 1 Pa		70 dB 1 kHz at 1 Pa	
Power Requirement	9-52V DC or 1.5 V AA		9-52V DC or1.5 V AA	
Weight	200 g (7.1 oz)		150 g (5.3 oz)	
Dimensions	L 460 mm (18.11") Ø 21 mm		L 369 mm (14.53") Ø 21 mm	
Accessories Furnished	AT8405a snap-in clamp; AT8135 windscreen; protection carrying case; battery		AT8405a snap-in clamp; AT8132 Windscreen protection carrying case	

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

broadcast & production

broadcast & production short shotgun microphone (PC 306-MC 210)

SHORT SHOTGUN
SIZED TO STAY OUT OF THE FRAME
AT897
£229.95 279 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
- Integral 3-pin XLRM-type output connector
- Includes windscreen and microphone stand adapter

AT897

AT897

Specifications	AT897	
Element	Fixed-charge back plate permanently polarized condenser	
Polar Pattern	Line + gradient	
Frequency Response	20-20,000 hz	
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*
Impedance	Phantom 200 Ω	Battery 300 Ω
Maximum 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.
Dynamic Range (typical)	Phantom 112 dB, 1 khz at max SPL	Battery 98 dB, 1 khz at max SPL
Signal-to-Noise Ratio	77 dB, 1 khz at 1 pa*	
Switch	Flat, roll-off (recessed)	
Battery Type	1.5v AA/UM3	
Battery Current	0.4 ma typical	
Battery Life	1200 hours (alkaline battery)	
Phantom Power Requirements	11-52V DC, 2 ma typical	
Weight (less accessories)	5.1 oz (145 g)	
Dimensions	10.98" (279.0 mm) long, 0.83" (21.0 mm) diameter	
Output Connector	Integral 3-pin xlrm-type	
Accessories Furnished	AT8405a stand clamp for 5/8"-27 threaded stands; windscreen; battery; 5/8"-27 to 3/8"-16 threaded adapter; protective carrying case	

1 Pascal = 10 dynes/cm^2 = 10 microbars = 94 dB SPL

Delta Beam™

adaptive-array microphone (PC 307-MC 210)

ADAPTIVE-ARRAY MICROPHONE SYSTEM

The AT895 System incorporates a revolutionary DSP-controlled five-element microphone array that provides adaptive directional audio acquisition.
The output of the array is manipulated and filtered by acoustical, analogue and digital means to enhance the pick up of a sound source from a desired direction relative to unwanted background noise or interference, providing cancellation of up to 80 dB.
The AT895 is available as the AT895RK 'Remote kit' for field use.

AT895/RK

£2,199.95 AT895/RK "Remote kit" for field use

The system configuration includes
- AT895MIC Adaptive-array Microphone
- AT895CP Control Pack with attached belt clip
- AT895BH Click-on Battery Housing
- AT895PG Pistol-grip shock mount
- AT895Z Zeppelin-type windscreen
- AT895C-10 Special 6-conductor shielded Cable, 3 m (10') long
- AT895CC Carrying Case

AT895 installed on a travelling video camera.
The audio is transported by two UniPak transmitters
The 80dB off-axis rejection (as opposed to 30dB maximum for shotgun microphones) of the AT895 isolated the sound of the champions swimming in the water so it could be heard above the noise from the crowded Olympic pool area.

AT895 used during ski competitions to pick up the sounds generated by the skier on the snow.

Specifications	AT895
Element	**Condenser**
Frequency Response	60-12,000 Hz
Open Circuit Sensitivity	-23 dB (70 mV)
Impedance	450 Ω
Maximum Input Sound Level	117 dB (1 kHz at 1% T.H.D)
Signal-to-Noise Ratio	70 dB, 1 kHz at 1 Pa
Dynamic Range	93 dB (1 kHz at Max. SPL)
Monitor Headphone Output	120 mW max. into 20 Ω each channel
External Power Requirement	9-15V DC, 250 mA
Battery Requirement (AT895BH)	Three 9V type 1604

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

broadcast & production

broadcast & production subminiature condenser microphones (PC 306-MC 210)

AT898 AND AT899 SYSTEMS

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

AT898
£199.95 **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
£109.95 Unterminated version of AT898

AT899
£199.95 **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
£109.95 Unterminated version of AT899, 1.40 m cable

AT899c-TH
£109.95 Unterminated version of AT899 in beige

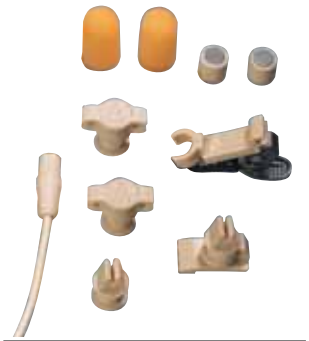
AT899AK
£39.95 Accessories pack for AT899 and AT898

AT899AK-TH
£39.95 AT899AK accessories pack in beige

AT899c-TH / AT899 / AT898

AT898

AT899


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 Battery	–43 dB (7.0 mV) re 1v at 1 pa* –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 Battery	200 Ω 250 Ω	200 Ω 250 Ω
Maximum Input Sound Level	Phantom Battery	131 dB SPL, 1 kHz at 1% T.H.D. 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 Battery	100 dB, 1 kHz at max SPL 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		1.5V AA / UM3	1.5V AA / UM3
Battery Current		0.4 ma typical	0.4 ma typical
Battery Life		1200 hours (alkaline battery)	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 Power module	0.9 g (0.03 oz) 102 g (3.6 oz)	0.5 g (0.02 oz) 102 g (3.6 oz)
Dimensions	Microphone	23.0 mm (0.91") long, 5.3 mm (0.21") diameter	16.0 mm (0.63") long, 5.0 mm (0.20") diameter
Power Module		145.0 mm (5.71") long, 21.0 mm (0.83") diameter	145.0 mm (5.71") long, 21.0 mm (0.83") diameter
Output Connector (power module)		integral 3-pin XLRM-type	integral 3-pin XLRM-type
Cable		3.0 m (9.8') long (permanently attached to microphone), 2.0 mm (0.08") diameter, 2-conductor, shielded cable with TA3F output connector that mates with TB3M jack on power module	3.0 m (9.8') long (permanently attached to microphone), 2.0 mm (0.08") 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/cm^2 = 10 microbars = 94 dB SPL 1 Pa

AT892 MicroSet™

AT892 microset™ omnidirectional condenser headworn microphone

Introducing a giant stride in the technology of inconspicuous sound. With a capsule diameter of just 2.5 mm, the new MicroSet™ provides the ultimate in low-profile, high-performance audio. This innovative omnidirectional condenser headworn mic offers an ergonomic under-ear design: its flexible, lightweight contoured loop hooks behind the ear for an ultra-secure, comfortable fit with or without glasses.

SUBMINIATURE WIRELESS HEADWORN MICROPHONES FOR USE WITH A-T UNIPAK™ WIRELESS SYSTEMS (PC 495-MC 140)

AT892cW £269.95	MicroSet™ headworn omnidirectional condenser microphone terminated with 4-pin locking connector for use with A-T UniPak™ wireless systems • Includes two element covers, two windscreens and cable clip
AT892cW-TH £269.95	MicroSet™ headworn microphone for use with A-T UniPak™ wireless systems, beige colour • "Theatre" model, same as AT892cW, except beige colour mic, earset and cable
AT892cW-CO £269.95	MicroSet™ headworn microphone for use with A-T UniPak™ wireless systems, cocoa colour • "Theatre" model, same as AT892cW, except cocoa colour mic, earset and cable

SUBMINIATURE WIRELESS HEADWORN MICROPHONES UNTERMINATED (PC 306-MC 210)

AT892c £249.95	MicroSet™ headworn microphone unterminated, black colour • Includes two element covers, two windscreens and cable clip
AT892c-TH £249.95	MicroSet™ headworn microphone unterminated, beige colour • "Theatre" model, same as AT892c, except beige colour mic, earset and cable
AT892c-CO £249.95	MicroSet™ headworn microphone unterminated, cocoa colour • "Theatre" model, same as AT892c, except cocoa colour mic, earset and cable

SUBMINIATURE HEADWORN MICROPHONES FOR USE WITH OTHER MANUFACTURERS' WIRELESS TRANSMITTERS (PC 306-MC 210)

AT892cL4 £289.95	AT892 terminated with Lemo connector for use with Sennheiser wireless systems • Includes two element covers, two windscreens and cable clip
AT892cL4-TH £289.95	"Theatre" model, same as AT892cL4, except beige colour mic, earset and cable
AT892cL4-CO £289.95	"Theatre" model, same as AT892cL4, except cocoa colour mic, earset and cable
AT892cLM3 £269.95	AT892 terminated with 3.5 mm locking mini plug for use with Sennheiser wireless systems • Includes two element covers, two windscreens and cable clip.
AT892cLM3-TH £269.95	"Theatre" model, same as AT892cLM3 except beige colour mic, earset and cable
AT892cLM3-CO £269.95	"Theatre" model, same as AT892cLM3 except cocoa colour mic, earset and cable
AT892cT4 £269.95	AT892 terminated with TA4F connector for use with Shure wireless systems • Includes two element covers, two windscreens and cable clip
AT892cT4-TH £269.95	"Theatre" model, same as AT892cT4, except beige colour mic, earset and cable
AT892cT4-CO £269.95	"Theatre" model, same as AT892cT4, except cocoa colour mic, earset and cable

AT892

AT892-TH

AT892cW-CO

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

broadcast & production

broadcast & production clip-on / lavalier microphones (PC 306-MC 210)

ELECTRET LAVALIER MICROPHONES WITH POWER MODULES

AT803b
£129.95 **Miniature omnidirectional condenser microphone**
For lavalier and musical instrument use phantom power or battery. 1.8 m cable attached to AT8530 power module (off/on/roll/off) switch. Includes AT8116 windscreen, AT8417 clothing clip, battery and protective carrying case.

AT831R
£169.95 **Miniature cardioid condenser microphone (phantom only)**
For musical instruments and lavalier use where feedback or room noise is a problem. Phantom power only. 8 m cable with TA3F plug. Includes AT8533 power module, AT8418 UniMount® instrument mount, AT8444 instrument adapter, AT8116 windscreen, AT8417 clothing clip and protective carrying case.

AT831b
£149.95 **Miniature cardioid condenser microphone (both battery and phantom)**
Same as AT831R but both battery and phantom power. 1.8 m cable attached to power module. Includes AT8530 power module (off/on/roll/off), same accessories as AT831R furnished

MT830R
£199.95 **Miniature omnidirectional condenser microphone**
For use as lavalier, or may be worn in clothing or hair. Phantom power only. 8 m cable with TA3F plug. Includes AT8533 power module, AT8130 self-adhesive windscreens (3) and AT8420 clothing clip.

UNTERMINATED ELECTRET LAVALIER MICROPHONES

AT803cb
£79.95 **Unterminated version of AT803b**
(less power module). Comes with AT8417 clothing clip and AT8116 windscreen.
1,8 m integral unterminated cable

AT831c
£89.95 **Unterminated version of AT831R**
(less power module). Comes with AT8417 clothing clip and AT8116 windscreen.
3,2 m integral unterminated cable

MT830c
£69.95 **Unterminated version of MT830R**
(less power module). Comes with AT8420 clothing clip and AT8130 windscreen.
1,5 m integral unterminated cable

MT350b
£39.95 **Ultra miniature omnidirectional cosmetic stage/ theatre microphone, unterminated version**
Comes with AT8435 clothing clip, AT8129 windscreen.
4,6 m integral unterminated cable

MT838b
£42.95 **Miniature omnidirectional condenser lavalier microphone, unterminated version with integral windscreen** comes with MT838TC clip.
1,8 m integral unterminated cable

AT803b / AT803cb

AT831R / AT831b / AT831c

MT830R / MT830c

MT350b

MT838b

Specifications	AT803b	AT831R	AT831b	MT830R
Element	Condenser	Condenser	Condenser	Condenser
Polar Pattern	Omnidirectional	Cardioid	Cardioid	Omnidirectional
Frequency Response	30-20,000 Hz	40-20,000 Hz	40-20,000 Hz	30-20,000 Hz
Open Circuit Sensitivity	–45 dB (5.6 mV)	–42 dB (7.9 mV)	–44 dB (6.3 mV)	–34 dB (19.9 mV)
Impedance	200 Ω	200 Ω	200 Ω	200 Ω
Maximum Input Sound Level 1 kHz, T.H.D. 1%	135 dB SPL	141 dB SPL	135 dB SPL	131 dB SPL
Signal-to-Noise Ratio(1)	65 dB	65 dB	65 dB	70 dB
Low Frequency Roll-Off	80 Hz, 18 dB/octave	N.A.	80 Hz, 18 dB/octave	N.A.
Power Requirement	9-52V DC or 1.5 V AA battery	9-52V DC phantom only	9-52V DC or 1.5 V AA battery	9-52V 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	AT8530 power module; AT8116 windscreen; AT8417 clothing clip	AT8533 power module; AT8444 instrument adapter; AT8417 clothing clip; AT8418 UniMount mount	AT8530 power module; AT8116 windscreen; AT8444 instrument adapter; AT8417 clothing clip	AT8533 power module; AT8130 windscreen; AT8420 clothing clip;

1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL 1 Pa (1) 1 kHz at 1 Pa

broadcast & production

broadcast & production stereo microphones (PC 306-MC 210)

STEREO MICROPHONES

AT825
£399.95

OnePoint® X/Y stereo field recording microphone
5-pin XLRM type output. 16.5' cable with two 3-pin balanced XLRM-type connectors at equipment end. Roll-off switch. 5-52V phantom power or 1.5V AA battery. Includes AT8405a stand clamp, AT8120 windscreen, battery and protective pouch

AT825

AT822
£299.95

OnePoint® X/Y stereo DAT microphone
XLRM-type output. Includes a 0,5m cable (XLRF-type to stereo 3.5 mm mini-plug), and a 3m cable (XLRF-type to two mono 3.5 mm mini-plug). 1.5 V AA battery only.

AT822

AT849
£424.95

Stereo condenser boundary microphone
Full mono compatibility. Intended primarily for surface mount applications in broadcast, professional recording and sound reinforcement.

AT849

Specifications	AT825	AT822	AT849
Element	Condenser	Condenser	Condenser
Polar Pattern	X/Y Stereo	X/Y Stereo	X/Y Stereo
Frequency Response	30-20,000 Hz	30-20,000 Hz	30-20,000 Hz
Low Frequency Roll-Off	150 Hz, 6 dB/octave	150 Hz, 6 dB/octave	150 Hz, 6 dB/octave
Open Circuit Sensitivity(1)	– 47 dB (4.4 mV)*	– 45 dB (5.6 mV)*	– 40 dB (10.0 mV)*
Channel Balance	≤2.5 dB	≤2.5 dB	≤2.5 dB
Impedance	200 Ω balanced	200 Ω unbalanced	200 Ω balanced
Max. Input Sound Level(2)	126 dB SPL,	125 dB SPL,	137 dB SPL,
Dynamic Range (typical)	102 dB	101 dB	110 dB
Signal-to-Noise Ratio	70 dB, 1 kHz at 1 Pa	70 dB, 1 kHz at 1 Pa	67 dB, 1 kHz at 1 Pa
Power Requirement	5-52V DC, 2 mA (each channel) 1.5V AA/UM3	1.5V AA/UM3 (Warning : battery only)	9-52V DC, 2mA (each channel) (phantom only)
Switch	Flat, roll-off (recessed)	Off, flat, roll-off	Flat, roll-off
Weight (less accessories)	240 g (8.5 oz)	165 g (5.8 oz)	149 g (5.3 oz)
Dimensions (mm)	214.00 long 62.0 head width 21.0 body Ø	197.00 long 62.0 head width 21.0 body Ø	92.0 length 73.0 width
Output Connector	5-pin XLRM-type	3-pin XLRM-type	5-pin TB5M
Accessories Furnished see page 91			

(1) re 1V at 1 Pa, 1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL - **(2)** 1 kHz at 1% T.H.D.

broadcast & production

broadcast & production condenser microphones (PC 305-MC 220)

ATM31a or AT813a (same microphone)
£149.95 Cardioid condenser handheld microphone

- Ideal for close-up vocals, overheads, piano and strings
- Sound is similar to far more expensive studio microphones
- Low-mass diaphragm ensures minimum distortion
- Cardioid pattern provides added warmth when used close up
- Operates on battery or phantom power

AT813a

ATM33a
£159.95 Cardioid condenser microphone
Designed for general studio/stage use with a wide frequency response. Excellent for close-up vocals, piano, reeds, and brass. Operates on battery or phantom power.

ATM33a

broadcast & production gooseneck microphone (PC 305-MC 220)

XLR GOOSENECK MICROPHONE

AT808G
£99.95 Subcardioid moving coil dynamic console microphone
412.7 mm long.
XLRM-type output plugs directly into XLRF-type panel mount or console connector.

AT808G

Specifications	ATM31a (or AT813a)	ATM33a
Element	Fixed-charge back plate, permanently polarized condenser	Condenser
Polar Pattern	Cardioid	Cardioid
Frequency Response	30-20,000 Hz	30-20,000 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)
Impedance	Phantom: 200 Ω – Battery: 270 Ω	200 Ω
Maximum Input Sound Level 1 kHz at 1% T.H.D.	Phantom: 137 dB SPL Battery: 123 dB SPL	137 dB SPL
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)
Power Requirement	Phantom 9-52V, 2 mA or 1.5 V AA / UM3	Phantom 9-52V, 2 mA or 1.5 V AA battery
Weight (less accessories)	200 g (7.1 oz)	150 g (5.3 oz)
Output Connector	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type
Accessories Furnished	AT8405a stand clamp for 5/8" threaded stands; battery; soft protective pouch	AT8405a stand clamp; AT8136 windscreen

1 Pascal = 10 dynes/cm^2 = 10 microbars = 94 dB SPL

broadcast & production

broadcast & production omnidirectionnal microphones (PC 306-MC 210)

OMNIDIRECTIONAL MICROPHONES

ATM10a
£129.95

Omnidirectional condenser microphone
The ATM10a 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.

ATM10a

AT804
£129.95

Omnidirectional microphone
The AT804 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.

AT804

AT804L
£199.95

Omnidirectional microphone for reporting
The AT804L has been optimised for broadcasted interviews; The length of 240mm allows the use of "customized mic flags" with Broacaster's logos proudly displayed.

Specifications	ATM10a	AT804	AT804L
Element	Condenser	Dynamic	Dynamic
Polar Pattern	Omnidirectional	Omnidirectional	Omnidirectional
Frequency Response	20-18,000 Hz	50-15,000 Hz	70-10,000 Hz
Open Circuit Sensitivity(1)	– 44 dB (6.3 mV)*	– 49 dB (3.5 mV)*	– 49 dB (3.5 mV)*
Impedance	200 Ω	600 Ω	600 Ω
Max. Input Sound Level(2)	137 dB SPL		
Signal-to-Noise Ratio	70 dB, 1 kHz at 1 Pa		
Dynamic Range	113 dB, 1 kHz at 1 Pa		
Power Requirement	Phantom 9-52V DC, 2 mA or 1.5 V AA battery		
Weight (less accessories)	200 g (7.1 oz)	213 g (7.5 oz)	318 g (11.2 oz)
Dimensions (mm)		151.0 long 36.0 head Ø	240.0 long 36.0 head Ø
Output Connector	Integral 3-pin XLRM-type	3-pin XLRM-type	3-pin XLRM-type
Accessories Furnished see page 91			

(1) re 1V at 1 Pa, 1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL - **(2)** 1 kHz at 1% T.H.D.

	U853A Series	U857Q Series	U857AL(1)	U857AU	U857R Series	U841A(1)	U851A(1)	U851R & RW	U891R & RW	U891RC	U873 & ES973	AT854R	PRO42	PRO44	PRO45	PRO47T & TL	PRO49Q & QL	ES 915 Series	ES917S Series	ES935 Series	ES935S Series	ES905 Series	ES990 Series	ES933 Series	ES945/7 Series	ES961 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

● *Our Recommendation* ✪ *Best Choice*

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.

Installed Sound microphones

unipoint®

#48 to #52

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.

propoint

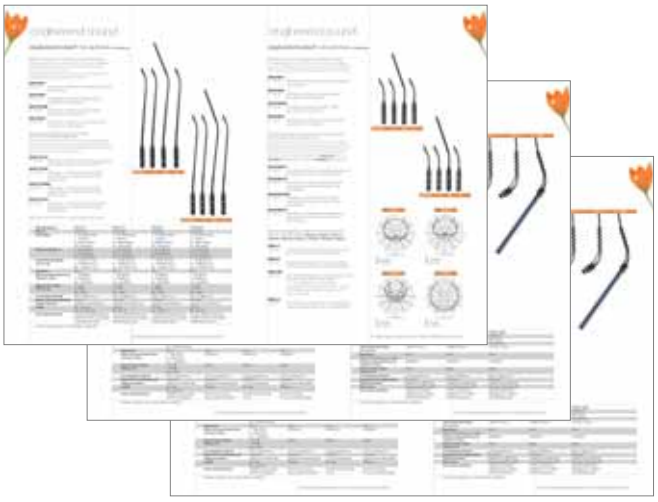
#53

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.

engineered sound microphones

#54 to #59

Since their introduction, Engineered Sound microphones have been the first choice of leading contractors and system integrators. This contractor-exclusive line includes gooseneck designs with interchangeable capsules and a wide assortment of hanging, boundary, lavalier and handheld microphones



the new **unipoint®**

Every innovation is a sound improvement.

Introducing the rebirth of an industry classic. With more than 30 new hanging, gooseneck, boundary and handheld models, the unipoint® line of miniature condenser installed-sound microphones offers an innovation for every acoustical challenge.

New unipoint® features:

UniGuard™.
Design innovations offer unsurpassed immunity from radio frequency interference.

UniSteep®.
80 Hz low-cut filter reduces pickup of low-frequency ambient noise without sacrificing natural sound.

UniLine™.
New line-cardioid element provides a tight 90º pickup pattern.

PivotPoint™.
Rotating connector on boundary microphones changes the cable exit point–no tools needed.

Exceptional audio.
New interchangeable elements deliver outstanding sonic quality and maximum feedback rejection.

unipoint® cross reference chart old models to new models

Old Model	New model	Comments
Gooseneck Microphones		
AT857AMa	Use U857AL	
AT857AMLa	U857AL	
	U857AU	New 90º Line Cardioid Element
AT857AMx	U857R	
	U857RU	New 90º Line Cardioid Element
AT857AMLx	U857RL	
	U857RLU	New 90º Line Cardioid Element
AT857QMa	U857Q	
	U857QU	New 90º Line Cardioid Element
AT857QMLa	U857QL	
	U857QLU	New 90º Line Cardioid Element
AT859QMLx	U859QL	
Boundary Microphones		
AT841a	U841A	
AT841Rx	Discontinued	
AT851a	U851A	
AT851Wa	U851RW	(phantom only)
AT851Rx	U851R	Has integral power module
AT851RWx	U851RW	Has integral power module
AT871R	U851R	
AT871RW	U851RW	
AT891R	U891R	
	U891RW	New model in white finish
AT891R/C	U891RC	
Hanging Microphones		
AT853a	U853A	
	U853AU	New 90º Line Cardioid Element
AT853Wa	U853AW	
	U853AWU	New 90º Line Cardioid Element
AT853Rx	U853R	
	U853RU	New 90º Line Cardioid Element
AT853RWx	U853RW	
	U853RWU	New 90º Line Cardioid Element
Handheld Microphones		
AT873R	U873R	
Microphone Elements		
AT853C-ELE	UE-C	
AT853H-ELE	UE-H	
AT853O-ELE	UE-O	
	UE-UL	New 90º Line Cardioid Element

unipoint

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 UniSteep® filter that reduces pickup of low-frequency ambient noise, while preserving a full sound.

U853A - U853R

U853AW - U853RW

UniGuard™

U853AU - U853RU

U853AWU - U853RWU

BATTERY OR PHANTOM POWERED MICROPHONES

U853A
£239.95 Cardioid Condenser Hanging Microphone
Low-reflectance black finish.

U853AW
£239.95 Cardioid Condenser Hanging Microphone
White version of U853A.

U853AU
£259.95 UniLine™ Condenser Hanging Microphone
Narrow 90º acceptance angle; low-reflectance black finish.

U853AWU
£259.95 UniLine™ Condenser Hanging Microphone
White version of U853AU.

PHANTOM POWERED ONLY MICROPHONES

U853R
£239.95 Cardioid Condenser Hanging Microphone
Low-reflectance black finish.

U853RW
£239.95 Cardioid Condenser Hanging Microphone
White version of U853R.

U853RU
£259.95 UniLine™ Condenser Hanging Microphone
Narrow 90º acceptance angle; low-reflectance black finish.

U853RWU
£259.95 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	–42 dB (7.9 mV) re 1 V at 1 Pa(1) -phantom-	–39 dB (11.2 mV) re 1 V at 1 Pa(1)
Impedance (3)	200 Ω -phantom-	250 Ω
Maximum Input Sound Level (3)	133 dB 1 kHz at 1% T.H.D. -phantom-	139 dB 1 kHz at 1% T.H.D.
Dynamic Range (3) (Typical)	109 dB , 1 kHz at max SPL -phantom-	115 dB , 1 kHz at max SPL
Signal-to-Noise Ratio	70 dB, 1 kHz at 1 Pa(1)	70 dB 1 kHz at 1 Pa(1)
Low Frequency Roll-Off	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave
Power Requirement	9-52V 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 AT8531 Power module	AT8153 (R - RW) and AT8154 (RU - RWU) Windscreen AT8451 Steel hanger AT8533x Power module

(1) re 1V at 1 Pa, 1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL - **(2)** 1 kHz at 1% T.H.D. - **(3)** Refer to Product Data Sheet technical specification when using battery power

unipoint

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 XLRF-type surface or cable connector.

U857Q
£219.95 Cardioid Condenser Quick-Mount Gooseneck Microphone
Overall length of 36.5cm.

U857QU
£269.95 UniLine™ Condenser Quick-Mount Gooseneck Microphone
Narrow 90º acceptance angle; overall length of 48.7 cm.

U857QL
£239.95 Cardioid Condenser Quick-Mount Gooseneck Microphone
Long version of U857Q; overall length of 48.1 cm.

U857QLU
£279.95 UniLine™ Condenser Quick-Mount Gooseneck Microphone
Long version of U857QU; overall length of 60.3 cm.

U859QL
£159.95 Cardioid Condenser Quick-Mount Gooseneck Microphone
Overall length of 48 cm.
Not equipped with UniGuard™ technology

ADAPTER-MOUNT GOOSENECK MICROPHONES BATTERY OR PHANTOM POWER

Direct mounts to any 5/8"-27 stand.

U857AL
£239.95 Cardioid Condenser Adapter-Mount Gooseneck Microphone
Overall length of 42 cm.

U857AU
£269.95 UniLine™ Condenser Adapter-Mount Gooseneck Microphone
Narrow 90º acceptance angle; overall length of 42.7 cm.

ADAPTER-MOUNT GOOSENECK MICROPHONES PHANTOM POWER ONLY

Direct mounts to any 5/8"-27 stand.

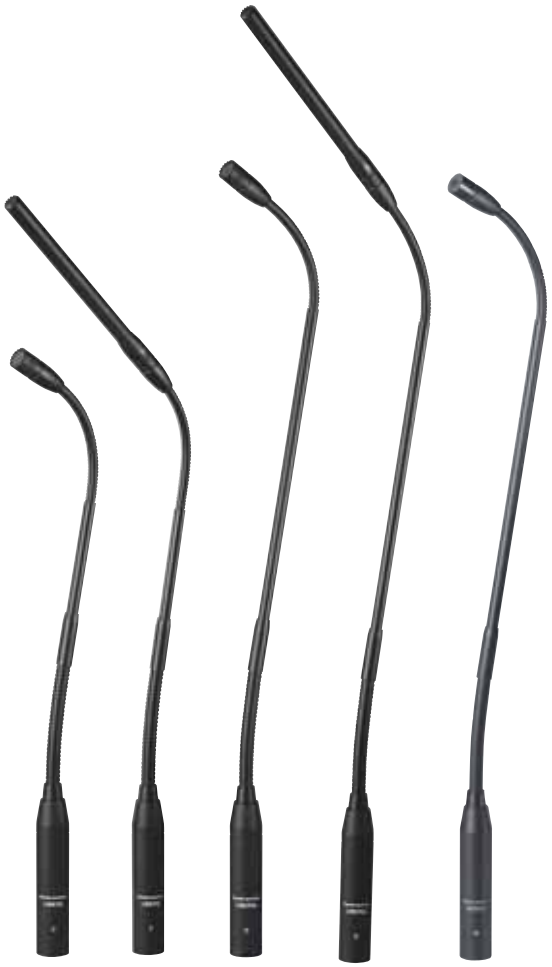
U857R
£219.95 Cardioid Condenser Adapter-Mount Gooseneck Microphone
Overall length of 30 cm.

U857RU
£259.95 UniLine™ Adapter-Mount Gooseneck Microphone
Narrow 90º acceptance angle; overall length of 42.7 cm.

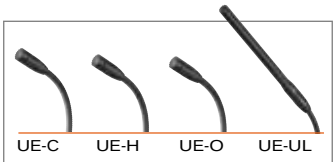
U857RL
£239.95 Cardioid Condenser Adapter-Mount Gooseneck Microphone
Long version of U857R; overall length of 42 cm.

U857RLU
£279.95 UniLine™ Adapter-Mount Gooseneck Microphone
Long version of U857RU; overall length of 54.3 cm.

Technical specifications on page 52



U857Q U857QU U857QL U857QLU U859QL



UE-C UE-H UE-O UE-UL

New interchangeable elements (page 46) are also compatible with first-generation unipoint® microphones.

UniGuard™

U857R U857AU U857RU U857AL U857RL U857RLU

unipoint

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 A-T'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
£239.95 **Omnidirectional Condenser Boundary Microphone**
Operates on battery or phantom power; low-reflectance black finish.

U851A
£239.95 **Cardioid Condenser Boundary Microphone**
Operates on battery or phantom power; low-reflectance black finish.

U851R
£239.95 **Cardioid Condenser Boundary Microphone**
Operates on phantom power only; low-reflectance black finish.

U851RW
£269.95 **Cardioid Condenser Boundary Microphone**
White version of U851R.

U891R
£259.95 **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.

U891RW
£269.95 **Cardioid Condenser Boundary Microphone with Switch**
White version of U891R.

U891RC
£279.95 **Cardioid Condenser Boundary Microphone with Local or Remote Switching**
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 black finish.

Technical specifications on page 52

U841A

U851A

UniGuard™

U851R

U851RW

U891R and U891RC

U891RW

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

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

U873R

U873R
£219.95 **Handheld Hypercardioid Condenser Microphone**

The U873R unipoint® hypercardioid condenser microphone is equipped with A-T'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°.

AT854R
£499.95 **Multi-channel condenser boundary microphone**

"Quad mic". Four independent unipoint® cardioid capsules mounted in a single die cast metal housing. Ideal for conference applications.

AT854R

Frequency Response	70-16,000 Hz
Impedance	100 Ω
Maximum Inpunt Sound Level	134 dB SPL, 1 kHz at 1% T.H.D.
Signal-to-Noise Ratio	65 dB, 1 kHz at 1 Pa
Power Requirement	9-52V DC, 2 mA typical (each channel)
Weight (Less accessories)	465 grams (16.4 oz)
Dimensions	150.0 mmm (5.91") maximum diameter
Output Connector	Microphone: Neutrik MiniCon (9 pins used)
Cable	Four independent 3-pin XLRM-type 9.1 m long, with a miniature multi-contact plug at microphone end

NEW UNIPOINT® INTERCHANGEABLES ELEMENTS

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

UE-C UE-UL

UE-C
£74.95 Cardioid unipoint® interchangeable element (120°)

UE-H
£74.95 Hypercardioid unipoint® interchangeable element (100°)

UE-O
£74.95 Omidirectional unipoint® interchangeable element (360°)

UE-UL
£109.95 UniLine™ unipoint® interchangeable element (90°)

Specifications	U841A	U851A	U851R (RW)	U891R (RW)	U891RC	U873R
Element	Condenser	Condenser	Condenser	Condenser	Condenser	Condenser
Polar Pattern	Omnidirectional	Cardioid	Cardioid	Cardioid	Cardioid	Hypercardioid
Frequency Response	30-20,000 Hz	30-20,000 Hz	30-20,000 Hz	30-20,000 Hz	30-20,000 Hz	70-20,000 Hz
Open Circuit Sensitivity(1)(3)	–39 dB (11.2 mV) -phantom-	–40 dB (10.0 mV) -phantom-	–34 dB (19.9 mV)	–34 dB (19.9 mV)	–34 dB (19.9 mV)	–41 dB (8.9 mV)
Impedance(3)	200 Ω -phantom-	200 Ω -phantom-	200 Ω	200 Ω	200 Ω	200 Ω
Max. Input Sound Level(2)(3)	132 dB -phantom-	133 dB SPL -phantom-	134 dB SPL	130 dB SPL	130 dB SPL	155 dB SPL
Dynamic Range(3) (typical)	111 dB -phantom-	111 dB -phantom-	108 dB	104 dB	104 dB	131 dB
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	68 dB, 1 kHz at 1 Pa	68 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	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave
Power Requirement(3)	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)	11-52V DC, 4 mA (phantom only)	11-52V DC, 4 mA typical	11-52V DC, 3 mA (phantom only)
Weight (less accessories)	78 grams (2.8 oz)	244 grams (8.6 oz)	262 grams (9.2 oz)	264 grams (9.3 oz)	266 grams (9.4 oz)	160 grams (5.6 oz)
Dimensions (mm) Long x max width x height	Ø 65.0 - h : 15.1	108.0 x 84.0 x 23.0	108.0 x 84.0 x 23.0	108.0 x 84.0 x 23.0	108.0 x 84.0 x 23.0	L : 156.7 - Ø : 37.7
Output Connector	3-pin XLRM-type	3-pin XLRM-type	TB3M-type	TB3M-type	TB5M-type	3-pin XLRM-type
Accessories Furnished see page 91						

Specifications	U857AL (AU)	U857Q (QL)	U857QU (QLU)	U857R (RL)	U857RU (RLU)	U859QL
Element	Condenser	Condenser	Condenser	Condenser	Condenser	Condenser
Polar Pattern	Cardioid (Line cardioid)	Cardioid	Line cardioid	Cardioid (Line cardioid)	Line cardioid	Cardioid
Frequency Response	30-20,000 Hz	30-20,000 Hz	30-20,000 Hz	30-20,000 Hz	30-20,000 Hz	100-16,000 Hz
Open Circuit Sensitivity(1)(3)	–42 dB (7.9 mV) -phantom-	–39 dB (11.2 mV)	–35 dB (17.7 mV)	–39 dB (11.2 mV)	–35 dB (17.7 mV)	–43 dB (7.0 mV)
Impedance(3)	200 Ω -phantom-	250 Ω	250 Ω	250 Ω	250 Ω	250 Ω
Max. Input Sound Level(2)	133 dB -phantom-	139 dB SPL	135 dB SPL	139 dB SPL	135 dB SPL	140 dB SPL
Dynamic Range(3) (typical)	109 dB -phantom-	115 dB	115 dB	115 dB	115 dB	111 dB
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	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	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave	80 Hz, 18 dB/octave
Power Requirement(3)	11-52V DC, 2 mA or 1.5V AA/UM3	11-52V DC, 2 mA (phantom only)	11-52V DC, 2 mA (phantom only)	11-52V DC, 2 mA (phantom only)	11-52V DC, 2 mA (phantom only)	11-52V DC, 2 mA (phantom only)
Weight (less accessories)	131 grams (4.6 oz)	144 grams (5.1 oz)	161 grams (5.7 oz)	124 grams (4.4 oz)	141 grams (9.4 oz)	152 grams (5.4 oz)
Dimensions (diameter mm)	head : 12.2	head: 12.2 base: 18.9	head: 12.2 base: 18.9	head: 12.2 base: 18.9	head: 12.2	head: 12.3 base: 18.9
Output Connector	3-pin XLRM-type	3-pin XLRM-type	3-pin XLRM-type	3-pin XLRM-type	3-pin XLRM-type	3-pin XLRM-type
Accessories Furnished	see page 91					

(1) re 1V at 1 Pa, 1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL - **(2)** 1 kHz at 1% T.H.D. - **(3)** Refer to Product Data Sheet technical specification when using battery power

propoint

propoint® microphones (PC 311-MC 230)

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
£ 79.95 Miniature unidirectional condenser boundary microphone
- 7.6 m cable with XLRM-type output connector.

PRO 44
£ 109.95 Unidirectional condenser boundary microphone
- Includes 7.6 m cable with TA3F connector; XLRM-type connector at equipment end.

HANGING MICROPHONES

PRO 45
£ 89.95 Cardioid condenser hanging microphone
- 7.6 m cable with XLRM-type output connector. Includes AT8146 windscreen and AT8451 steel hanger.

PRO 45W
£ 99.95 White finished version of PRO45
White cable with XLRM-type output connector. Includes AT8146 (WH) windscreen and AT8451(WH) steel hanger.

GOOSENECK MICROPHONES

PRO 47T
£ 119.95 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
£ 124.95 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
£ 119.95 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
£ 124.95 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.

Specifications	PRO 42	PRO 44	PRO 45	PRO 47T PRO 47TL	PRO 49Q PRO 49QL
Application	Boundary microphone	Boundary microphone	Hanging microphone	Gooseneck microphone	Gooseneck microphone
Element	Condenser	Condenser	Condenser	Condenser	Condenser
Polar Pattern	Unidirectional	Unidirectional	Cardioid	Cardioid	Cardioid
Frequency Response	70-14,000 Hz	70-16,000 Hz	70-16,000 Hz	70-16,000 Hz	70-16,000 Hz
Open Circuit Sensitivity	–38 dB (12.5 mV)	–25 dB (56.2 mV)	–37 dB (14.1 mV)	–37 dB (14.1 mV)	–37 dB (14.1 mV)
Impedance	100 Ω	100 Ω	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.	134 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	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	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	9-52V DC 2 mA typical	9-52V DC 2 mA typical	9-52V DC 2 mA typical

1 Pascal = 10 dynes/cm^2 = 10 microbars = 94 dB SPL

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ES915 DOUBLE GOOSENECK MICROPHONES

Condenser gooseneck microphone with interchangeable capsules. Adjustable length 355 mm-425 mm except ML version 474 mm-544 mm.
It features an XLRM-type connector insert at its base with recessed flat response/low-roll-off switch.

ES915/C
£ 249.95 Miniature condenser cardioid gooseneck microphone

ES915/H
£ 249.95 Miniature condenser hypercardioid gooseneck microphone

ES915/ML
£ 279.95 Miniature condenser MicroLine® gooseneck microphone

ES915/O
£ 249.95 Miniature condenser omnidirectional gooseneck microphone

ES917S GOOSENECK MICROPHONES WITH MUTE SWITCH AND LED

Condenser gooseneck microphone with interchangeable capsules. Fixed length 443 mm except ML version 562 mm. XLR mount with recessed flat response/low-roll-off switch and mute/on switch with status LED.

ES917S/C
£ 279.95 Miniature condenser cardioid gooseneck microphone with mute switch/LED

ES917S/H
£ 279.95 Miniature condenser hypercardioid gooseneck microphone with mute switch/LED

ES917S/ML
£ 309.95 Miniature condenser MicroLine® gooseneck microphone with mute switch/LED

ES917S/O
£ 279.95 Miniature condenser omnidirectional gooseneck microphone with mute switch/LED

(see page 55 for ES Series interchangeable elements)

ES915/C /H /ML /O

ES917S/C /H /ML /O

Specifications	ES915	ES917S	ES935	ES935S
Element	Condenser	Condenser	Condenser	Condenser
Polar Pattern	O : Omnidirectional C : Cardioid H : Hypercardioid ML : MicroLine®	O : Omnidirectional C : Cardioid H : Hypercardioid ML : MicroLine®	O : Omnidirectional C : Cardioid H : Hypercardioid ML : MicroLine®	O : Omnidirectional C : Cardioid H : Hypercardioid ML : MicroLine®
Frequency Response	C : 30-20,000 Hz H : 80-20,000 Hz ML : 30-20,000 Hz	C : 30-20,000 Hz H : 80-20,000 Hz ML : 30-20,000 Hz	C : 30-20,000 Hz H : 80-20,000 Hz ML : 30-20,000 Hz	C : 30-20,000 Hz H : 80-20,000 Hz ML : 30-20,000 Hz
Open Circuit Sensitivity re 1 V at 1 Pa	C : –40 dB (10.0 mV) H : –40 dB (10.0 mV) ML : –35 dB (17.7 mV)	C : –40 dB (10.0 mV) H : –40 dB (10.0 mV) ML : –35 dB (17.7 mV)	C : –40 dB (10.0 mV) H : –40 dB (10.0 mV) ML : –35 dB (17.7 mV)	C : –40 dB (10.0 mV) H : –40 dB (10.0 mV) ML : –35 dB (17.7 mV)
Impedance	250 Ω	250 Ω	250 Ω	250 Ω
Maximum Input Sound Level 1 kHz at 1% T.H.D.	C : 138 dB SPL H : 138 dB SPL ML : 133 dB SPL	C : 138 dB SPL H : 138 dB SPL ML : 133 dB SPL	C : 138 dB SPL H : 138 dB SPL ML : 133 dB SPL	C : 138 dB SPL H : 138 dB SPL ML : 133 dB SPL
Signal-to-Noise Ratio 1 kHz at 1 Pa	C : 65 dB H : 65 dB ML : 68 dB	C : 65 dB H : 65 dB ML : 68 dB	C : 65 dB H : 65 dB ML : 68 dB	C : 65 dB H : 65 dB ML : 68 dB
Low Frequency Roll-off	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave
Phantom Power Requirement	11-52V DC	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	Integral 3-pin XLRM-type
Length	355 - 425 mm ML : 474 - 544 mm	443 mm ML : 562 mm	191 mm ML : 310 mm	191 mm ML : 310 mm
Accessories Furnished	AT8109 (AT8138) Windscreen AT8651 Thread-mount adapter AT8658 Shock mount	AT8109 (AT8138) Windscreen AT8651 Thread-mount adapter AT8658 Shock mount	AT8109 (AT8138) Windscreen AT8651 Thread-mount adapter AT8658 Shock mount	AT8109 (AT8138) Windscreen AT8651 Thread-mount adapter AT8658 Shock mount

1 Pascal = 10 dynes/cm^2 = 10 microbars = 94 dB SPL

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ES935 SINGLE-GOOSENECK MICROPHONES

Condenser gooseneck microphone with interchangeable capsules. Fixed length 191 mm except ML version 310 mm. XLR mount with recessed flat response/low-roll-off switch.

ES935/C
£199.95 Miniature condenser cardioid gooseneck microphone

ES935/H
£199.95 Miniature condenser hypercardioid gooseneck microphone

ES935/ML
£239.95 Miniature condenser MicroLine® gooseneck microphone

ES935/O
£199.95 Miniature condenser omnidirectional gooseneck microphone

ES935/C /H /ML /O

ES935S SINGLE-GOOSENECK MICROPHONES WITH MUTE SWITCH AND LED

Condenser gooseneck microphone with interchangeable capsules. Fixed length 191 mm except ML version 310 mm. XLR mount with recessed flat response/low-roll-off switch and mute/on switch with status LED. Includes AT8109 (C/H/O) snap-on foam windscreen or AT8138 (ML) and AT8651 thread-mount adapter; AT8658 shock mount.

ES935S/C
£239.95 Miniature condenser cardioid gooseneck microphone with mute switch/LED

ES935S/H
£239.95 Miniature condenser hypercardioid gooseneck microphone with mute switch/LED

ES935S/ML
£279.95 Miniature condenser MicroLine® gooseneck microphone with mute switch/LED

ES935S/O
£239.95 Miniature condenser omnidirectional gooseneck microphone with mute switch/LED

ES935S/C /H /ML /O

INTERCHANGEABLE ELEMENTS FOR ENGINEERED SOUND MICROPHONES ES905, ES915, ES917, ES933, ES935, ES991, ES993, ES995, ES943

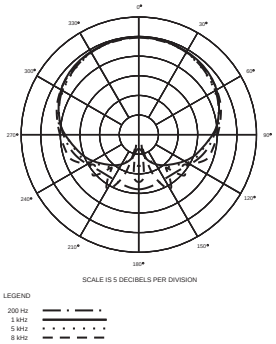
ESE-C
£59.95 Cardioid element for Engineered Sound microphones, 120° pickup pattern

ESE-H
£59.95 Hypercardioid element for Engineered Sound microphones, 100° pickup pattern

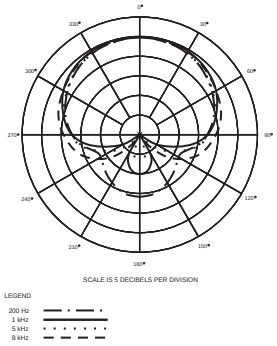
ESE-ML
£99.95 MicroLine® element for Engineered Sound microphones, 90° pickup pattern
NB : This capsule is not suitable for microphones ES943 (tie clip), ES991, ES993 and ES995 (dual element microphones), due to its length

ESE-O
£59.95 Omnidirectional element for Engineered Sound microphones, 360° pickup pattern

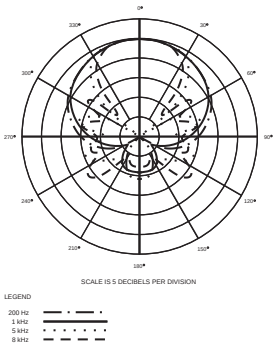
ESE-C



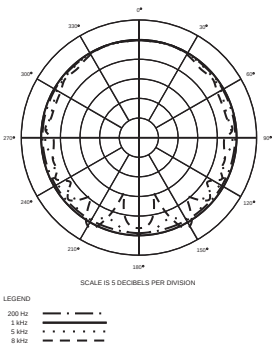
ESE-H



ESE-ML



ESE-O



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ES905 RIGID-PIPE MICROPHONES

Condenser rigid-pipe microphone with interchangeable capsules. Fixed length 426.2 mm except ML version 545.3 mm. Rigid-pipe design with ball-and-socket base for permanent mounting to flat surface. Phantom power only, 11-52V. 3 m cable permanently attached to mic, free end attached to screw terminals in power module. XLRM-type output connector on power module. Includes: foam windscreen; AT8536 in-line power module with roll-off switch.

ES905/C
£ 299.95 Rigid-pipe condenser microphone, cardioid polar pattern

ES905/H
£ 299.95 Rigid-pipe condenser microphone, hypercardioid polar pattern

ES905/ML
£ 339.95 Rigid-pipe condenser microphone, MicroLine® polar pattern

ES905/C ES905/H ES905/ML

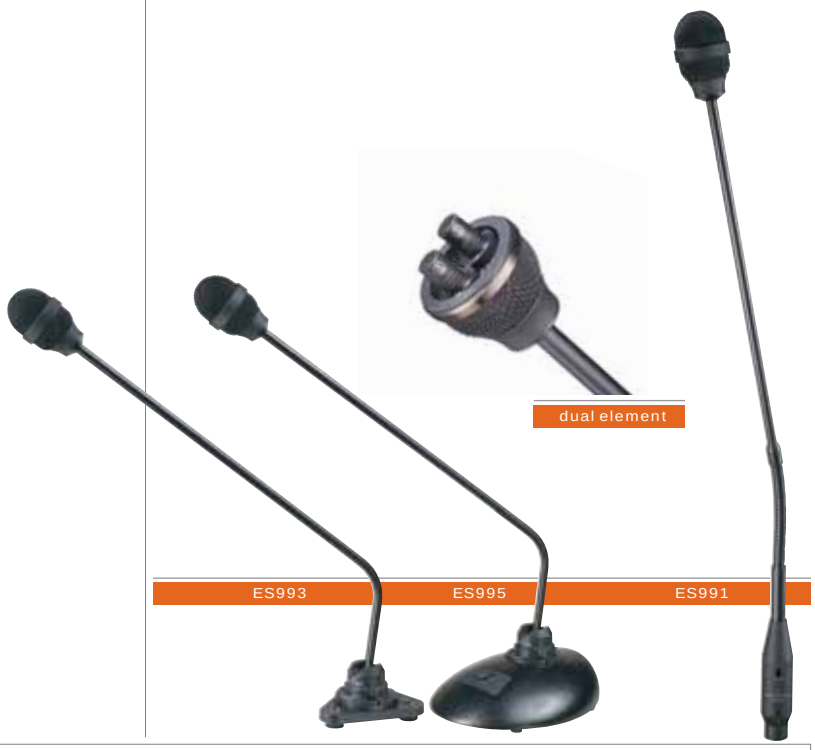
DUAL-ELEMENT MICROPHONES

ES991
£ 695.00 Dual element condenser flexible gooseneck design microphone
Plugs directly to XLRF-type panel-mount or cable connector. 11-52V phantom power

ES993
£ 535.00 Dual element condenser rigid-pipe design microphone with ball-in socket base for permanent mounting to flat surface Remote mute switch with three modes and LED indicator light.

ES995
£ 589.00 Dual element condenser rigid-pipe microphone with ball-in socket design on portable base

(see page 55 for ES Series interchangeable elements)



dual element

ES993 ES995 ES991

Specifications	ES905	ES991	ES993	ES995
Element	Condenser	Two condensers	Two condensers	Two condensers
Polar Pattern	C : Cardioid H : Hypercardioid ML : MicroLine®	Cardioid	Cardioid	Cardioid
Frequency Response	C : 30-20,000 Hz H : 80-20,000 Hz ML : 30-20,000 Hz	90-15,000 Hz	90-15,000 Hz	90-15,000 Hz
Open Circuit Sensitivity	C : –40 dB (10.0 mV) H : –40 dB (10.0 mV) ML : –35 dB (17.7 mV)	–41 dB (8.9 mV)	–41 dB (8.9 mV)	–41 dB (8.9 mV)
Impedance	250 Ω	250 Ω	250 Ω	250 Ω
Maximum Input Sound Level 1 kHz at 1% T.H.D.	C : 138 dB SPL H : 138 dB SPL ML : 133 dB SPL	138 dB SPL	138 dB SPL	138 dB SPL
Signal-to-Noise Ratio 1 kHz at 1 Pa	C : 65 dB H : 65 dB ML : 68 dB	65 dB	65 dB	65 dB
Low Frequency Roll-off	80 Hz, 12 dB/octave	120 Hz, 12 dB/octave	120 Hz, 12 dB/octave	120 Hz, 12 dB/octave
Phantom Power Requirement	11-52V DC	11-52V DC	11-52V DC	11-52V DC
Output Connector	Integral 3-pin XLRM-type	Integral 6-pin Neutrik XLRM	Two 3-pin XLRM-type	Integral 6-pin Neutrik XLRM
Length	426 mm ML : 545 mm	548 mm	470 mm	495 mm
Accessories Furnished	AT8536 power module; AT8109 windscreen	AT8407 stand clamp; 6-pin panel mount XLRF	AT8510 power module; screws	Switch cover label; 9.1 m six conductor cable

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

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ES933 HANGING MICROPHONES

Miniature condenser suspension microphone with interchangeable capsules available in black or white. Fixed length 23.3 mm except ML version 142.3 mm. XLRM output connector with recessed flat response, low-roll-off switch. Integral 15.2 m long cable. Operates from 11-52V phantom power. C/H/O includes AT8109 snap-on foam windscreen, AT8452 steel hanger and AT8536 power module; ML includes AT8138 foam windscreen, AT8452 steel hanger and AT8536 power module. Windscreens and steel hangers also available in white.

ES933/C
£ 239.95 Miniature condenser hanging microphone, cardioid polar pattern

ES933W/C
£ 259.95 White version ES933/C (cardioid)

ES933/O
£ 239.95 Miniature condenser hanging microphone, omnidirectional polar pattern

ES933/H
£ 239.95 Miniature condenser hanging microphone, hypercardioid polar pattern

ES933W/H
£ 259.95 White version ES933/H (hypercardioid)

ES933/ML
£ 279.95 Miniature condenser hanging microphone, MicroLine® polar pattern

ES933W/ML
£ 299.95 White version ES933/ML (MicroLine®)

(see page 55 for ES Series interchangeable elements)

Specifications	ES933/C	ES933/H	ES933/ML
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 re 1 V at 1 Pa	–40 dB (10.0 mV)	–40 dB (10.0 mV)	–35 dB (17.7 mV)
Impedance 1000 Ω without power module	250 Ω	250 Ω	250 Ω
Maximum Input Sound Level 1 kHz at 1% T.H.D.	138 dB SPL	138 dB SPL	133 dB SPL
Signal-to-Noise Ratio 1 kHz at 1 Pa	65 dB	65 dB	68 dB
Low Frequency Roll-off	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave	80 Hz, 12 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
Dimensions	23.3 mm long; Ø 8.4 mm	23.3 mm long; Ø 8.4 mm	142.3 mm long; Ø 8 mm
Accessories Furnished	AT8452 steel hanger; AT8536 power module; AT8109 windscreen	AT8452 steel hanger; AT8536 power module; AT8109 windscreen	AT8452 Steel hanger; AT8536 power module; AT8138 windscreen

1 Pascal = 10 dynes/cm^2 = 10 microbars = 94 dB SPL

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BOUNDARY MICROPHONES

ES945
£129.95 **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
£139.95 White finished version of ES945

ES947
£159.95 **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
£169.95 White finished version of ES947

ES961
£179.95 **Cardioid wide range fixed charge condenser boundary microphone**
Operates on 9-52V phantom power with built in recessed switch for flat or low-roll-off response.
Supplied with 7.6 m output cable terminated in TA3F and XLRM type plugs.

ES961W
£179.95 White version of ES961

ES961P
£189.95 **Cardioid wide range fixed charge condenser boundary microphone with 1/4" TRS plug on bottom of plate**
Operates on 9-52V phantom power with built in recessed switch for flat or low-roll-off response and a field replaceable element. Permanently mounted with a 1/4" TRS phone plug.

ES945W

ES947

ES961

ES961P

Specifications	ES945	ES947	ES961	ES961P
Element	Condenser	Condenser	Condenser	Condenser
Polar Pattern	Omnidirectional	Cardioid	Cardioid	Cardioid
Frequency Response	30-20,000 Hz	30-20,000 Hz	30-20,000 Hz	30-20,000 Hz
Open Circuit Sensitivity	–42 dB (7.9 mV)	–42 dB (7.9 mV)	–33 dB (22.4 mV)	–33 dB (22.4 mV)
Impedance	200 Ω	200 Ω	200 Ω	200 Ω
Maximum Input Sound Level 1 kHz at 1% T.H.D.	142 dB SPL	142 dB SPL	130 dB SPL	130 dB SPL
Dynamic Range 1 kHz at Max SPL	112 dB	113 dB	103 dB	103 dB
Signal-to-Noise Ratio 1 kHz at 1 Pa	64 dB	65 dB	67 dB	67 dB
Low Frequency Roll-off			150 Hz, 6 dB/octave	150 Hz, 6 dB/octave
Phantom Power Requirement	9-52V DC	9-52V DC	9-52V DC	9-52V DC
Output Connector	Integral 3-pin XLRM-type	Integral 3-pin XLRM-type	TB3M	1/4" (6.35 mm) TRS plug
Dimensions	69 mm long; Ø 28 mm	69 mm long; Ø 30 mm	91.3 mm length; 73 mm width	91.3 mm length; 73 mm width
Accessories Furnished	One pair isolators	One pair isolators	Soft protective pouch	Soft protective pouch

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

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LAVALIER MICROPHONES

ES943/C
£219.95 Condenser lavalier microphone, cardioid polar pattern
With permanently attached 1.4 m cable connected to an AT8536 power module with recessed switch for flat response or low-roll-off. Operates on 11-52V phantom power supply.

ES943/O
£219.95 Condenser lavalier microphone, omnidirectional polar pattern

ES943/O

ES943/C

LAVALIER MICROPHONES FOR WIRELESS (PC 458-MC 140)

See page 72 and 73, **Wireless Essentials®**

ES943cW/C
£139.95 Condenser lavalier microphone, cardioid polar pattern. Terminated for use with wireless HF A-T UniPak™

ES943cW/O
£139.95 Condenser lavalier microphone, omnidirectional polar pattern.Terminated for use with wireless HF A-T UniPak™

ACCESSORIES (PC 630-MC 510)

AT8536
£59.95 Power module supplied with ES933/ ES943/ ES905

HANDHELD MICROPHONE

ES973
See p. 52 Use model U873R
The U873R from the new unipoint® range as the same dimensional characteristics and same applications as the former ES973R, it offers improved specifications and features UniGuard™ technology.

ES973 (see U873R)

Specifications	ES943/C	ES943/O
Element	Condenser	Condenser
Polar Pattern	Cardioid	Omnidirectional
Frequency Response	30-20,000 Hz	30-20,000 Hz
Open Circuit Sensitivity	–40 dB (10 mV)	–40 dB (10 mV)
Impedance	250 Ω	250 Ω
Maximum Input Sound Level 1 kHz at 1% T.H.D.	138 dB SPL	138 dB SPL
Dynamic Range 1 kHz at Max SPL	109 dB	109 dB
Signal-to-Noise Ratio 1 kHz at 1 Pa	65 dB	65 dB
Low Frequency Roll-off	80 Hz, 12 dB/octave	80 Hz, 12 dB/octave
Phantom Power Requirement	11-52V DC	11-52V DC
Output Connector	3-pin XLRM-type (power module)	3-pin XLRM-type (power module)
Dimensions	23.3 mm long; Ø 8.4 mm	23.3 mm long; Ø 8.4 mm
Accessories Furnished	AT8110 Windscreen AT8460 Clothing clip AT8536 Power Module	AT8110 Windscreen AT8460 Clothing clip AT8536 Power Module

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

Audio-Technica offers a versatile array of wireless systems that deliver exceptional performance for every budget. Products range from sophisticated frequency-agile wireless, designed for professional tours, to affordable fixed-frequency systems for use close to home.

artist elite® 5000 & 4000 series

#62 to #65

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.

3000A series

#66 and #67

For the wireless user ready to step up to an advanced system, the 3000A Series is the solution.
True Diversity, frequency-agile, UHF.

2000 series

#68

The 2000 Series Frequency-agile True Diversity UHF Wireless Systems offer serious advances in affordable professional wireless.

1600 series

#69

Audio-Technica's 1600 Series Frequency-agile True Diversity UHF Wireless Systems, with 16 frequencies offer the most reliable system for fixed installations at a very affordable price.

Wireless systems

700 series #70

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.

200 series #71

Each 200 Series VHF Liberator wireless system includes a receiver and either a body-pack transmitter or a handheld microphone/transmitter on a specific crystal-controlled VHF frequency.

microphones for wireless #72 and #73

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

wireless accessories #74 and #75

Cables, antennas and antenna distribution systems.

artist elite wireless

Débora Russ Live recording
with "Quatuor Caliente" Paris 2006

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
- All components store up to five preset configurations, with customized "names" if desired
- All components operate on two 1.5V AA batteries

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

AEW-T5400
£599.95 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-T3300
£499.95 Cardioid condenser UHF transmitter
Including AT8456a stand clamp.
The same element as AE3300 (used in the legendary AT4033)

AEW-T4100
£349.95 UHF Cardioid dynamic transmitter
Including AT8456a stand clamp.
The same element used in the AE4100.

AEW-T6100
£349.95 UHF Hypercardioid dynamic transmitter
Including AT8456a stand clamp.
The same element used in the AE6100.

AEW-T3300, AEW-T5400

AEW-T5400: The same large-diaphragm element used in the AT4050.

AEW-T3300: The same element used in the legendary AT4033.

AEW-T4100, AEW-T6100

artist elite wireless

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

4000/5000 UniPak™ TRANSMITTER

AEW-T1000
£319.95 UHF UniPak™ transmitter
Compatible with the Wireless Essentials® range (page 72 and 73).
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.

For use with AEW-T1000 and all Audio-Technica UniPak™ Wireless Transmitters, see **Wireless Essentials®** page 72 and 73.

AEW-T1000

Specifications	AEW-T1000 UniPak™	Handheld Transmitters
RF Power Output	Hi-35 mW, Low-10 mW	Hi-35 mW, Low-10 mW
Dynamic Range	≥110 dB, A-weighted	≥110 dB, A-weighted
Batteries (not included)	Two 1.5V AA alkaline	Two 1.5V AA alkaline
Current Consumption	High : 185 mA Low : 165 mA	High : 185 mA Low : 165 mA
Battery Life	Approx. 8 hours (High) 10 hours (Low)	Approx. 8 hours (High) 10 hours (Low)

AEW-T1000 on a curling player, part of a 44 channel set up installed during 2006 Winter Games.

Opera singers using AEW-T1000 with AT892. Part of a 46 channel system, Aïda Tour 2006

artist elite wireless

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

4000 SERIES RECEIVER
FREQUENCY-AGILE TRUE DIVERSITY
UHF WIRELESS SYSTEMS

- 200 selectable UHF channels per band and True Diversity reception for interference-resistant operation
- Dual Compander circuitry processes high and low frequencies separately for unmatched audio quality
- Advanced digital Tone Lock™ squelch effectively blocks stray RF; the digitally encoded tone also communicates transmitter data for receiver display
- Link and coordinate multiple AEW receivers via included data cables; also link to 5000 Series receiver
- IntelliScan™ feature automatically finds and sets best available frequencies on all linked receivers

AEW-R4100
£599.95 Frequency-agile true diversity UHF receiver

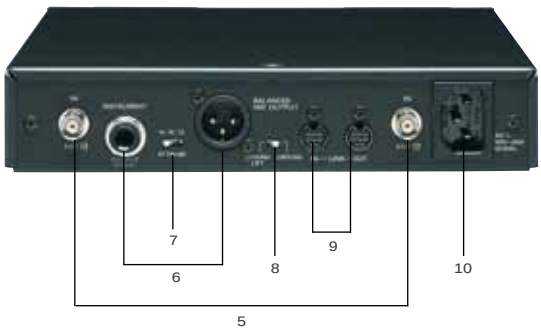
ACCESSORIES **(PC 458-MC 140)**

AT8628B
£24.95 Joining plate kit allow mounting two AEW-R4100 receivers in a single 19" rack space

See page 74 and 75, **Wireless Accessories**

Overall 4000 and 5000 Series systems specifications	
UHF Operating Frequency	
F-Band Frequency Range	840.125 to 864.875 MHz
E-Band Frequency Range	795.500 to 820.000 MHz
C-Band Frequency Range	541.500 to 566.375 MHz (Special order product only)
D-Band Frequency Range	655.500 to 680.375 MHz (Special order product only)
Number of Channels	200 channels per band
Frequency Stability	±0.005%, Phase Lock Loop frequency control
Modulation Mode	FM
Normal Deviation	±5 kHz
Operating Range	100 m typical
Frequency Response	70 Hz to 15 kHz

(back)



1 *Metal half-rack receiver chassis with mounting hardware*
2 *Headphone jack and level control on front panel provides monitoring of receiver output*
3 *Alert indicator lights to highlight:*
No RF signal received from transmitter
Weak RF received
Transmitter is muted
Transmitter's audio modulation is near clipping
Transmitter battery is low
Receiver is in the Function Edit mode
4 *High-visibility white-on-blue LCD information display*
5 *Selectable +12V DC on antenna input jacks to power inline RF devices*
6 *Two isolated audio outputs on each channel (balanced XLR and unbalanced 1/4") permit simultaneous feeds to two different inputs*
7 *AF output attenuator adjusts audio level (0 dB, –6dB or –12 dB) of both audio output jacks*
8 *Ground lift switch disconnects the ground pin of the balanced output jack from ground*
9 *AEW receivers can be interconnected using Link In/Out jacks and included link cables*
10 *AC power input with IEC-type connector for 100V to 240V AC, 50/60Hz source (no adjustment for mains voltage/frequency is needed)*

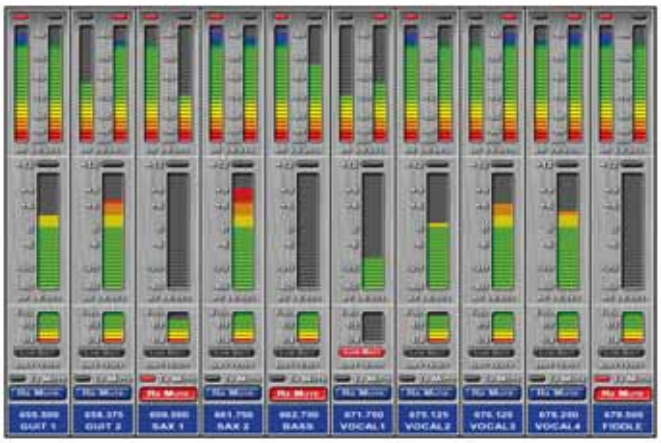
Receiver Specifications	
Receiving System	Dual independent RF sections, automatic switching diversity
Image Rejection	60 dB typical
Signal-to-Noise Ratio	115 dB at 40 kHz deviation (IEC weighted), maximum modulation 75 kHz
Total Harmonic Distortion	≤1% (10 kHz deviation at 1 kHz)
Intermediate Frequency	65.75 MHz, 10.7 MHz
Sensitivity	20 dBµV (S/N 60 dB at 5 kHz deviation, IEC weighted)
Audio Output (ATTN switch at "0")	
Instrument :	50 mV (at 1kHz, ±5 kHz deviation, 10k ohms load)
Microphone :	25 mV (at 1kHz, ±5 kHz deviation, 10k ohms load)
Audio Output Attenuator (ATTN)	Three position switch: 0/–6/–12 dB
Dimensions	211 mm x 44 mm x 235 mm (W x H x D)
Net Weight	1.7 kg
Accessories Furnished	Two flexible UHF half-wave antennas; link cable; detachable IEC-type cable; rack mount adapters

artist elite wireless

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

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

- Two independent receiver channels in a single housing
- 200 selectable UHF channels per band and True Diversity reception for interference-resistant operation
- Dual compander circuitry processes high and low frequencies separately for unmatched audio quality
- Advanced digital Tone Lock™ squelch effectively blocks stray RF; the digitally encoded tone also communicates transmitter data for receiver display
- Link and coordinate multiple AEW receivers via included data cable and/or built-in Ethernet computer interface
- 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 software



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

AEW-R5200
£1,799.95 Frequency-agile true diversity UHF dual receiver with ethernet connection
Included CD-Rom with computer interface software

See page 74 and 75, **Wireless Accessories**

AEW-R5200

Receiver Specifications	
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), maximum modulation 75 kHz
Total Harmonic Distortion	≤1% (10 kHz deviation at 1 kHz)
Sensitivity	20 dBµV (S/N 60 dB at 5 kHz deviation, IEC weighted)
Audio Output (ATTN switch at "0")	
Instrument :	50 mV (at 1kHz, ±5 kHz deviation, 10k ohms load) Both outputs are transformer isolated and balanced
Microphone :	25 mV (at 1kHz, ±5 kHz deviation, 10k ohms load)
Audio Output Attenuator (ATTN)	Three-position switch: 0 / -6 dB / -12 dB
Output Connector	
Microphone (balanced) :	XLRM-type
Instrument (balanced) :	1/4" (6.3 mm) TRS phone jack
External Mute	1/4" (6.3 mm) TS phone jack
Headphone Output Connector :	1/4" (6.3 mm) TRS ("stereo") phone jack
Power Output :	10 mW + 10mW into 32 ohms (at 1kHz, ±15 kHz deviation); max. output: 220 mW + 220 mW into 32 ohms
Computer Interface	Ethernet 10BaseT, RJ45 connector proprietary software supplied on CD-Rom
Dimensions	482 mm x 44 mm x 275.5 mm (W x H x D)
Net Weight (without accessories)	8.8 lbs (4.0 kg)
Accessories Furnished	Detachable IEC-type 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-interface software ; AEW-TB44 transmitter bag

3000A series

3000A series frequency-agile true diversity UHF wireless systems (PC 468-MC 120)

For the wireless user ready to step up to an advanced UHF system, the latest 3000A Series moves to a new level of excellence. The NEW 3000A Series is a 200-channel frequency-agile UHF wireless designed for a wide range of applications including live performance, fixed installation, public address, and houses of worship.
The new ATW-R3100A 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 to maximise both simultaneous frequency use and range. The new frequency scan function enables automatic assignment of clear open channel selection. All components in the NEW 3000A 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.

ATW-T341

ATW-T371

ATW-T310

3000A SERIES TRANSMITTERS

ATW-T310
£ 199.95 3000A Series UniPak™ transmitter

For use with AEW-T310 and all Audio-Technica UniPak™ Wireless Transmitters, see **Wireless Essentials®** page 72 and 73.

ATW-T341
£ 229.95 3000A Series handheld microphone/ transmitter with cardioid dynamic element. The same element used in the AE4100.

ATW-T371
£ 319.95 3000A Series handheld microphone/ transmitter with cardioid condenser element. The same element used in the ATM710.

- The ATW-T371 is the latest addition to the 3000a 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-T310 UniPak™ Transmitter	ATW-T341 and ATW-T371 Handheld Transmitters
RF Power Output	High: 30 mW, Low: 10 mW	10 mW nominal
Dynamic Range	≥110 dB, A-weighted	≥110 dB, A-weighted
Microphone Element		ATW-T341 Dynamic cardioid ATW-T371 Condenser cardioid
Batteries (not included)	Two 1.5V AA alkaline	Two 1.5V AA alkaline
Current Consumption	High: 200 mA ; Low: 150 mA typical	180 mA typical
Battery Life	Approx. 6 hours (High); 8 hours (Low)	Approximately 8 hours depending on battery type and use pattern
Dimensions	66 mm x 87 mm x 24 mm (W x H x D)	237 mm long - 48 mm dia.
Weight (without battery)	80 grams	280 grams
Accessories Furnished		AT8456a Quiet-Flex™ stand clamp

3000A series

3000A series frequency-agile true diversity UHF wireless systems (PC 468-MC 120)

3000A SERIES RECEIVER

ATW-R3100A

£ 219.95 UHF diversity receiver with 200 frequencies, with frequency scan function enabling automatic channel assignment

RECEIVERS ACCESSORIES **(PC 458-MC 140)**

AT8630

£ 19.95 Joining plate kit for mounting two 3000A Series receivers in a single 19" rack space

ATW-RM1

£ 44.95 Rack-mount hardware kit for Audio-Technica 1600, 2000 and 3000 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 34" BNC-to-BNC cables

3000A SERIES SYSTEMS **(PC 458-MC 140)**

ATW-3141A

£ 429.95 Handheld transmitter system
- ATW-T341 handheld microphone/transmitter with AE4100 dynamic capsule
- ATW-R3100A receiver

ATW-3171A

£ 519.95 Handheld transmitter system
- ATW-T371 handheld condenser microphone with ATM710 condenser capsule
- ATW-R3100A receiver

ATW-3110A

£ 379.95 3000A Series UniPak™ system
- ATW-R3100A receiver
- ATW-T310 UniPak™ transmitter

ATW-3110A/G

£ 399.95 3000A Series UniPak™ guitar system
- With AT8319 instrument cable
- ATW-3110A UniPak™ transmitter system

ATW-3110A/P

£ 399.95 UniPak™ system with AT829cW
- AT829cW miniature cardioid condenser mic.
- ATW-3110A UniPak™ transmitter system

ATW-3110A/P1

£ 449.95 UniPak™ system with AT899cW
- AT899cW subminiature omnidirectional condenser mic.
- ATW-3110A UniPak™ transmitter system

ATW-3110A/P2

£ 429.95 UniPak™ system with AT831aW
- AT831aW miniature cardioid condenser mic.
- ATW-3110A UniPak™ transmitter system

ATW-3110A/P3

£ 419.95 UniPak™ system with MT838cW
- MT838cW omnidirectional condenser Lavalier microphone
- ATW-3110A UniPak™ transmitter system

ATW-3110A/H

£ 429.95 UniPak™ system with PRO8HEcW
- PRO8HEcW headworn hypercardioid dynamic microphone
- ATW-3110A UniPak™ transmitter system

ATW-3110A/HC1

£ 449.95 UniPak™ system with ATM75cW
- ATM75cW headworn cardioid condenser microphone
- ATW-3110A UniPak™ transmitter system

ATW-3110A/HC2

£ 469.95 UniPak™ system with ATM73cW
- ATM73cW professional headworn cardioid condenser microphone
- ATW-3110A UniPak™ transmitter system

ATW-3141A

ATW-R3100A

ATW-T341

ATW-3110A

ATW-R3100A

ATW-T310

ATW-R3100A Receiver Specifications	
Receiving System	Dual independant receivers, automatic-switching diversity
Image Rejection	60 dB nominal, 55 dB minimum
Signal-to-Noise Ratio	110 dB at 35 kHz deviation (IEC-weighted), maximum modulation 75 kHz
Total Harmonic Distorsion	≤1% (10 kHz deviation at 1 kHz)
Sensitivity	24 dBµV (S/N 60 dB at 5 kHz deviation, IEC-weighted)
Audio Output Unbalanced :	50 mV (10k ohms load), 1/4" phone jack
Balanced :	32 mV (10k ohms load), XLRM-type
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-R3100 receivers in one rack space

Overall System Specifications	
E-Band Frequency Range	UHF - 795.500 MHz to 820.000 MHz
F-Band Frequency Range	UHF - 840.125 MHz to 864.875 MHz
Number of Channels	200 total
Frequency Stability	±0.005% Phase Lock Loop frequency control
Modulation Mode	FM
Normal Deviation	±10 kHz
Operating Range	100 m (300') typical
Frequency Response	70 Hz to 15,000 Hz

2000 series

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

- 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-T220 Handheld Microphone/Transmitter features a PRO 41 capsule for maximum feedback rejection and consistent sound

ATW-R2100

ATW-T220 ATW-T210

ATW-2120
£319.95 Handheld transmitter system
- ATW-T220 handheld microphone/transmitter
- ATW-R2100 receiver

ATW-2110
£289.95 2000 Series UniPak™ system
- ATW-T210 UniPak™ transmitter
- ATW-R2100 receiver

ATW-2110/G
£299.95 2000 Series UniPak™ guitar system
- With AT8319 instrument cable
- ATW-2110 UniPak™ transmitter system

ATW-2110/P
£319.95 UniPak™ system with AT829cW
- AT829cW miniature cardioid condenser mic.
- ATW-2110 UniPak™ transmitter system

ATW-2110/P1
£369.95 UniPak™ system with AT899cW
- AT899cW subminiature omnidirectional condenser mic.
- ATW-2110 UniPak™ transmitter system

ATW-2110/P2
£349.95 UniPak™ system with AT831aW
- AT831aW miniature cardioid condenser mic.
- ATW-2110 UniPak™ transmitter system

ATW-2110/P3
£339.95 UniPak™ system with MT838cW
- MT838cW omnidirectional condenser Lavalier microphone
- ATW-2110 UniPak™ transmitter system

ATW-2110/H
£339.95 UniPak™ system with PRO8HEcW
- PRO8HEcW headworn hypercardioid dynamic microphone
- ATW-2110 UniPak™ transmitter system

ATW-2110/HC1
£349.95 UniPak™ system with ATM75cW
- ATM75cW headworn cardioid condenser microphone
- ATW-2110 UniPak™ transmitter system

ATW-2110/HC2
£369.95 UniPak™ system with ATM73cW
- ATM73cW professional headworn cardioid condenser microphone
- ATW-2110 UniPak™ transmitter system

2000 SERIES INDIVIDUAL COMPONENTS

ATW-T210
£149.95 2000 Series UniPak™ transmitter

ATW-T220
£189.95 2000 Series handheld microphone/ transmitter with unidirectional dynamic element

ATW-R2100
£159.95 UHF diversity receiver

ACCESSORIES (PC 458-MC 140)

AT8630
£19.95 Joining plate kit for mounting two ATW-R2100 receivers in a single 19" rack space

Overall System Specifications	
E-Band Frequency Range	UHF - 795.000 MHz to 820.000 MHz
F-Band Frequency Range	UHF - 840.000 MHz to 865.000 MHz
Number of Channels	10 total
Frequency Stability	±0.005% Phase Lock Loop frequency control
Modulation Mode	FM
Normal Deviation	±5 kHz
Operating Range	100 m (300') typical
Frequency Response	100 Hz to 15,000 Hz

ATW-R2100 Receiver Specifications	
Receiving System	Dual independant receivers, automatic-switching 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 : 12.5 mV (100k ohms load), XLRM-type
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

Specifications	ATW-T210 UniPak™ Transmitter	ATW-T220 Handheld Transmitter
RF Power Output	10 mW	10 mW
Microphone Element		Dynamic, unidirectional
Batteries (not included)	Two 1.5V AA alkaline	Two 1.5V AA alkaline
Current Consumption	150 mA typical	150 mA typical
Battery Life	Approximately 9 hours	Approximately 9 hours
Dimensions	66 mm x 92,3 mm x 22,5 mm (W x H x D)	229 mm long - 53,5 mm max. dia.
Weight (without battery)	80 grams	221 grams
Accessories Furnished		AT8456a stand clamp

1600 series

1600 series wireless systems (PC 456-MC 120)

Designed for both the performance and contractor markets, the 1600 series offers an affordable UHF solution with a choice of handheld or body pack transmitters.
The ATW-R160 receiver, a robust 1/2 rack metal unit, features an independent diversity switching, frequency scan function across 16 pre-selected channels (accessed by a rotary switch on the transmitters) and comes complete with A/C power supply and rackmount adapters as standard.

ATW-1661
£ 279.95 1600 UniPak™ system
- ATW-T161 UniPak™ transmitter
- ATW-R160 receiver

ATW-1662
£ 299.95 1600 Handheld dynamic system
- ATW-T162 handheld hypercardioid microphon with dynamic capsule
- ATW-R160 receiver

ATW-1663
£ 349.95 1600 Handheld condenser system
- ATW-T163 handheld microphone/transmitter with condenser capsule
- ATW-R160 receiver

ATW-1661/G
£ 299.95 1600 Series guitar wireless system
- AT8319 instrument cable
- ATW-1661 UniPak™ transmitter system

ATW-1661/P
£ 299.95 1600 UniPak™ system with AT829cW
- AT829cW miniature cardioid condenser mic
- ATW-1661 UniPak™ transmitter system

ATW-1661/P1
£ 329.95 1600 UniPak™ system with AT899cW
- AT899cW subminiature omnidirectional condenser mic
- ATW-1661 UniPak™ transmitter system

ATW-1661/P2
£ 339.95 1600 UniPak™ system with AT831aW
- AT831aW miniature cardioid condenser mic
- ATW-1661 UniPak™ transmitter system

ATW-1661/P3
£ 329.95 1600 UniPak™ system with MT838cW
- MT838cW omnidirectional condenser lavalier microphone
- ATW-1661 UniPak™ transmitter system

ATW-1661/M
£ 369.95 1600 UniPak™ system with PRO35cW
- PRO35cW instrument microphone
- ATW-1661 UniPak™ transmitter system

ATW-1661/H
£ 329.95 1600 UniPak™ system with PRO8HEcW
- PRO8HEcW headworn hypercardioid dynamic microphone
- ATW-1661 UniPak™ transmitter system

ATW-1661/HC1
£ 349.95 1600 UniPak™ system with ATM75cW
- ATM75cW headworn cardioid condenser microphone
- ATW-1661 UniPak™ transmitter system

ATW-1661/HC2
£ 359.95 1600 UniPak™ system with ATM73cW
- ATM73cW professional headworn cardioid condenser microphone
- ATW-1661 UniPak™ transmitter system

TRANSMITTERS

ATW-T161
£ 149.95 1600 Series UniPak™ transmitter

For use with AEW-T161 and all Audio-Technica UniPak™ Wireless Transmitters, see **Wireless Essentials®** page 72 and 73.

ATW-T162
£ 179.95 Handheld microphone/transmitter with dynamic capsule

ATW-T163
£ 199.95 Handheld microphone/transmitter with condenser capsule

RECEIVER

ATW-R160
£ 169.95 1600 Series UHF true diversity receiver

RECEIVER ACCESSORIES (PC 458-MC 140)

AT8616
£ 19.95 Joining plate kit for mounting two ATW-R160 receivers in a single 19" rack space.

ATW-RA1
£ 59.95 Antenna kit, mounts antennas (included) at the front of receiver.

See page 74 and 75, **Wireless Accessories**

Overall System Specifications	
E-Band Frequency Range	UHF - 795.500 MHz to 819.025 MHz
F-Band Frequency Range	UHF - 840.125 MHz to 864.375 MHz
Number of Channels	16 total
Frequency Stability	±0.005% Phase Lock Loop frequency control
Modulation Mode	FM
Normal Deviation	±10 kHz
Operating Range	100 m (300') typical
Dynamic Range	≥ 110 dB, A-weighted
Frequency Response	70 Hz to 15,000 Hz

ATW-R160 **Receiver Specifications**		
Receiving System		Dual independant receivers, automatic-switching diversity
Image Rejection		55 dB minimum
Signal-to-Noise Ratio		105 dB at 22.5 kHz deviation (IEC-weighted),
DHT		≤1%
Open Circuit Sensitivity		15 dBµV (S/B 60 dB)
Audio Output	Unbalanced:	52 mV (10k ohms load), 1/4" phone jack
	Balanced:	32 mV (10k ohms load), XLRM-type
Dimensions		210 mm x 49 mm x 195 mm (W x H x D)
Weight		1.1 kg
Accessories Furnished		Two flexible UHF antennas, rack mount adapters
Optional System Accessory		AT8616 joining-plate kit mounts two ATW-R160 receivers in one rack space

Transmitter Specifications	
RF Power Output	10 mW
Dynamic Range	
UniPak™ Transmitter	≥ 110 dB
Handheld Transmitter	≥ 110 dB
Microphone Element	
ATW-T162	Dynamic hypercardioid
ATW-T163	Condenser cardioid
Batteries (not included)	Two 1.5V AA alkaline
Current Consumption	160 mA
Battery Life UniPak™ Transmitter	Approx. 6 hours (High) or 8 hours (Low)
Handheld Transmitters	Approx. 8 hours (no High position)
UniPak™ Dimensions	65 mm x 87 mm x 24 mm (W x H x D)
Weight (without battery)	
UniPak™ Transmitter	90 grams
Handheld Transmitter	240 grams
Accessories Furnished (ATW-T162) (ATW-T163)	AT8456a stand clamp

ATW-T161

700 series

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-R700

ATW-T701

ATW-T702

ATW-702
£ 199.95

Vocal

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/G
£ 199.95

Guitar

700 Series frequency-agile diversity UHF guitar system

- ATW-R700 receiver and ATW-T701 transmitter with AT8319 Hi-Z instrument/guitar cable with 1/4" phone plug

ATW-701/P
£ 209.95

Presenter

700 Series frequency-agile diversity UHF lavalier microphone system

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

ATW-701/H
£ 239.95

Active

700 Series frequency-agile diversity UHF dynamic headworn microphone system

- ATW-R700 receiver and ATW-T701 UniPak™ transmitter with PRO 8HEcW headworn microphone.

ATW-701
£ 179.95

Options

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 72 and 73).

Overall System 700 Specifications	
E-Band Frequency Range	UHF - 800.000 MHz to 820.000 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
Maximum Deviation	±25 kHz
Operating Range	80 m
Frequency Response	100 Hz to 12 kHz

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

Specifications	ATW-T701 UniPak™ Transmitter	ATW-T701 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)
Current Consumption	High: 140 mA; Low: 130 mA, typical	120 mA, typical
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

200 series

200 series wireless systems (PC 451-MC 110)

Audio-Technica's Liberator 200 Series Wireless System provides proven performance in a variety of settings. Each Liberator Series professional VHF wireless system includes a receiver and either a body-pack transmitter or a handheld microphone/transmitter on a specific crystal-controlled frequency. The Liberator receiver design features an innovative docking power supply configuration. An AC power adapter housed in a compartment in the receiver uses an IEC-standard detachable power cordset. Furthering its flexibility, the power adapter may be easily removed from the receiver case, permitting its use as a conventional in-line AC adapter.

- Non-diversity single-channel dual antenna system
- Available in three traveling frequencies
- Removable docking power supply inserts into back of receiver
- Adjustable squelch control

LIB202
£ 119.95

Vocal

200 Series VHF handheld microphone system

- ATW-R200 receiver and ATW-T202 handheld unidirectional dynamic microphone/transmitter.

LIB201/G
£ 119.95

Guitar

200 Series VHF Guitar system

- ATW-R200 receiver and ATW-T201 transmitter with AT8319 Hi-Z instrument/guitar cable with 1/4" phone plug

LIB201/P
£ 129.95

Presenter

200 Series VHF lavalier microphone system

- ATW-R200 receiver and ATW-T201 transmitter with AT829cW Miniature cardioid condenser lavalier microphone.

LIB201/H
£ 159.95

Active

200 Series VHF dynamic headworn microphone system

- ATW-R200 receiver and ATW-T201 transmitter with PRO8HEcW headworn hypercardioid dynamic microphone

LIB201
£ 99.95

Options

200 Series VHF UniPak transmitter system

- ATW-R200 receiver and ATW-T201 transmitter
- Select a Wireless Essentials® microphone of cable to complete the system (see page 72 and 73).

ATW-R200

ATW-T202

ATW-T201

Overall System 200 Specifications	
Operating Frequency	VHF high band, 173.800 MHz, 174.600 MHz and 175.000 MHz
Frequency Stability	±0.005%
Modulation Mode	FM
Maximum Deviation	±15 kHz
Operating Range	60 m minimum (200')
Frequency Response	80 Hz to 13 kHz

ATW-R200 Receiver Specifications	
Receiving System	Non-diversity, single-channel dual antenna system
Image Rejection	50 dB minimum
Signal-to-Noise Ratio	80 dB at 10 kHz deviation (IEC-weighted) maximum modulation 15 kHz
Total Harmonic Distortion	≤1% (10 kHz deviation at 1 kHz)
Sensitivity	20 dBµV for 60 dB S/N (IEC-weighted)
Audio Output	350 mV (10 kHz deviation, 100 k ohm load)
Output Connector	1/4" TS ("mono") phone jack
Power Supply	12V DC, 200 mA, provided with AC adaptor
Dimensions	210.0 mm W x 43.5 mm H x 120.0 mm D
Weight	536 grams Net; 336 grams without AC adapter
Accessories Furnished	AD1202AA 240V docking AC adapter 240V AC IEC cordset

Specifications	ATW-T201 UniPak™ Transmitter	ATW-T202 Handheld Transmitter
RF Power Output	10 mW typical	10 mW typical
Dynamic Range	≥ 90 dB, A-weighted	≥ 90 dB, A-weighted
Input Connections	High impedance, low impedance, bias	
Microphone Element		Dynamic unidirectional
Battery	9V battery (NEDA type 1604) alkaline	9V battery (NEDA type 1604) alkaline
Current Consumption	30 mA typical	30 mA typical
Battery Life	8 hours typical	8 hours typical
Dimensions	65.0 mm W x 110.0 mm H x 25.4 mm D	241.3 mm long, 53.3 mm diameter
Net Weight	98 grams	370 grams

wireless essentials

microphones for use with A-T UniPak™ transmitters (PC 495-MC 140)

All microphones are fitted with a 4-pin HRS connector, for use with A-T UniPak™ transmitters.

TIE CLIP AND LAVALIER MICROPHONES

AT829cW
£44.95 Miniature cardioid condenser microphone

AT831aW
£99.95 Miniature cardioid condenser microphone
(full description page 42)

AT803aW
£99.95 Omnidirectional tie clip microphone for broadcast applications
(full description page 42)

ES943cW/C
£129.95 Cardioid condenser lavalier microphone, 1.4 m cable
Includes windscreen and clothing clip

ES943cW/O
£129.95 Omnidirectional condenser lavalier microphone, 1.4 m cable
Includes windscreen and clothing clip

AT829cW

AT831aW

CONFERENCE MICROPHONES FOR A-T UniPak™

U851cW
£179.95 Unidirectional condenser boundary microphone
(full description page 51)

U841cW
£179.95 Omnidirectional condenser boundary microphone
(full description page 51)

U857LcW
£179.95 Cardioid condenser gooseneck microphone 42 cm long
(full description page 50)

U851cW
U857LcW

U841cW

CONNECTING CABLES FOR UNIPAK™ TRANSMITTERS

AT8317
£29.95 XLRF cable to HRS connector; 1.50 m

AT8319
£22.95 Guitar cable 6.35 mm jack to HRS connector

AT8317

AT8319

ATW-RCS1
£99.95 Remote momentary cough switch

ATW RMS1
£139.95 Remote mute switch
similar to ATW-RCS1 (this one here toggles on/off. the RCS1 is MOMENTARY, so push to mute)

ATW-RMS1

ATW-RCS

wireless essentials

MICROSET WIRELESS HEADWORN MICROPHONES

AT892cW
£249.95 MicroSet™ headworn omnidirectional condenser microphone
Includes two element covers, two windscreens and cable clip

AT892cW-TH
£249.95 MicroSet™ headworn microphone beige colour
"Theater" model, same as AT892cW, except beige colour mic, earset and cable

AT892cW-CO
£249.95 MicroSet™ headworn microphone cocoa colour
"Theater" model, same as AT892cW, except cocoa colour mic, earset and cable

SUB-MINIATURE MICROPHONES FOR A-T UniPak™

AT898cW
£119.95 Subminiature cardioid condenser microphone
(full description page 40)

AT899cW
£119.95 Subminiature omnidirectional condenser microphone
(full description page 40)

AT899cW-TH
£119.95 Beige version of AT899cW
(full description page 40)

MT830cW
£99.95 Miniature omnidirectional condenser microphone
(full description page 42)

MT838cW
£74.95 Cardioid microphone with clip and windscreen

INSTRUMENT MICROPHONES FOR A-T UniPak™

ATM35cW
£199.95 Cardioid condenser clip-on instrument microphone

PRO35cW
£119.95 Cardioid condenser clip-on instrument microphone
(full description page 29)

HEADWORN MICROPHONES FOR A-T UniPak™

AT889cW
£179.95 Noise canceling headworn condenser microphone
Humidity and perspiration resistant.

PRO8HEcW
£79.95 Headworn hypercardioid dynamic microphone
(full description page 28)

ATM75cW
£89.95 Headworn cardioid condenser microphone.
(full description page 25)

ATM73cW
£129.95 Headworn cardioid condenser microphone
(full description page 25)

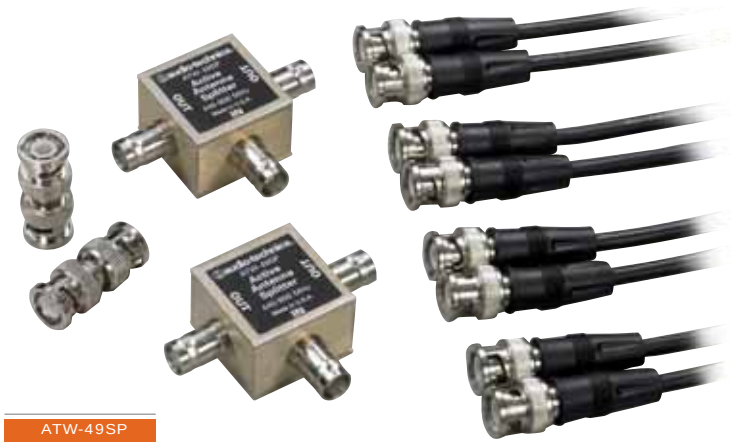
wireless accessories

new 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
£180.00 Active Antenna Splitter Kit
- Each kit includes:
  2 x one-input, two-output Active Antenna Splitters;
  4 x 18" BNC-to-BNC RG 58 coaxial antenna cables;
  2 x BNC-to-BNC barrel adapters



ATW-49SP

Specifications for ATW-49SP	
Description	2-Way Active Antenna Splitter
Bandwidth	440 MHz to 900 MHz
VSWR	< 1.7:1 (within specified bandwidth)
Gain	0 dB typical (within specified bandwidth)
Impedance	50 ohms, typical (within specified bandwidth)
Termination Type	3-BNC Female
Weight	1.8 oz. (51 g)
Dimensions	61 mm (2.38") W x 47 mm (1.83") L x 23 mm (0.92") H
DC Input	5-14V DC
Current	30 mA @ 12V DC
Pass-through Current	100 mA

Specifications are subject to change without notice.

new 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
£180.00 Active Antenna Splitter Kit
- Each kit includes:
  2 dual-input, one-output Active Antenna Combiners;
  2 x 18" BNC-to-BNC RG 58 coaxial antenna cables

ATW-49CB

Specifications for ATW-49CB	
Description	2-Input Active Combiner
Bandwidth	440 MHz to 900 MHz
VSWR	< 1.7:1 (within specified bandwidth)
Gain	0 dB typical (within specified bandwidth)
Impedance	50 ohms, typical (within specified bandwidth)
Termination Type	3-BNC Female
Weight	1.8 oz. (51 g)
Dimensions	61 mm (2.38") W x 47 mm (1.83") L x 23 mm (0.92") H
DC Input	5-14V DC
Current	30 mA @ 12V DC
Pass-through Current	120 mA (maximum to both inputs combined)

Specifications are subject to change without notice.

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-B80E
£239.00 Pair of antenna boosters for use with 795 – 820 MHz UHF systems

ATW-B80F
£239.00 Pair of antenna boosters for use with 840 to 865 MHz UHF systems

ATW-B80D
£239.00 Pair of antenna boosters for use with 655 – 681 MHz UHF systems

ATW-B80C
£239.00 Pair of antenna boosters for use with 540 – 567 MHz UHF systems

ATW-B80

wireless accessories

wireless accessories (PC 458-MC-140)

ANTENNA CABLES

AC12
£14.95 BNC - BNC 4 m link cable, type RG58

AC25
£69.95 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

AT8141
£7.95 Water resistant pouch for UniPak™ body-pack transmitter

ATW-VP10
£7.95 Vinyl pouch for UniPak™ body-pack transmitter

ANTENNAS

ATW-A20
£139.95 Pair of ground-plane antennas with 5/8"-27 thread for UHF wireless systems

ATW-A49
£199.95 Pair of wide band dipole antennas for use with 440-900 MHz UHF systems

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-DA800E
£449.95 Active unity-gain distribution amplifier for UHF bands 795.500 MHz to 820.000 MHz

AEW-DA860F
£449.95 Active unity-gain distribution amplifier for UHF bands 840.125 MHz to 864.875 MHz

AEW-DA660D
£449.95 Active unity-gain distribution amplifier for UHF bands 655.500 MHz to 680.375 MHz

AEW-DA550C
£449.95 Active unity-gain distribution amplifier for UHF bands 540.000 MHz to 567.000 MHz

ATW-DA49 UHF Antenna distribution system
£239.00 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 1600, 2000 and 3000 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
£44.95 Rack-mount hardware kit for Audio-Technica 1600, 2000 and 3000 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 34" BNC-to-BNC cables

AC12

ATW-VP10

ATW-A20

ATW-A49

AEW-DA660D

ATW-DA49

AUDIO-TECHNICA 2006-2007
audio-technica

Headphones, electronics, accessories

headphones

#78 to #79

A-T precision studiophones, headphones, computer headphones, and headphone/microphone combinations provide outstanding sonic performance.

electronics

#80 to #81

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.

turntables, cartridges and dj headphones

#82 to #83

Audio-Technica professional stereo turntable systems, DJ phonograph cartridges, and replacement styli.
A selection of Headphones for DJ applications, providing outstanding sonic performance and comfort in any DJing environment.

genuine accessories

#84 to #93

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.

headphones

studio professional headphones (PC 205-MC 310)

PRECISION "STUDIOPHONES"

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-M40*fs*
£79.95 Extended-response closed-back dynamic monitor headphones

Audio-Technica's premium professional studiophones 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 180º to permit one-ear monitoring. The studiophones 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-D40*fs*
£79.95 Enhanced-bass closed-back dynamic monitor headphones

With their bass-enhanced frequency response, these premium professional studiophones 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
£54.95 Closed-back dynamic monitor headphones

SEMI-PROFESSIONAL HEADPHONES

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
£24.95 Closed-back headphones

ATH-M40*fs*

ATH-D40*fs*

ATH-M30

ATH-M20

Specifications	ATH-M40fs	ATH-D40fs	ATH-M30	ATH-M20
Type	Closed-back dynamic	Closed-back dynamic	Closed-back dynamic	Closed-back dynamic
Driver Size	40 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	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	100 dB	102 dB	100 dB	98 dB
Impedance	60 ohms	66 ohms	65 ohms	40 ohms
Weight (without cable)	250 g (8.8 oz)	250 g (8.8 oz)	200 g (7.0 oz)	230 g (7.1 oz)
Cables	3.4 m (11') (OFC litz wire, left-side exit)	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	6.3 mm (1/4") phone-plug	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

headphones

studio professional headphones (PC 205-MC 310)

ATH910PRO

ATH910PRO HEADPHONES (PC 205-MC 310)

Full-size closed-back dynamic headphones featuring Samarium Cobalt magnets, large diaphragm drivers. Ideal for both home listening and studio monitoring applications.

ATH910PRO
£89.95 Closed-back headphones, 40 ohms

T SERIES SEMI-PROFESSIONAL HEADPHONES (PC 205-MC 310)

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-T22
£19.95 Superior Isolation Dynamic Stereo Headphones

With the ATH-T22 Dynamic Stereo Headphones, Audio-Technica has achieved outstanding sound quality and long-wearing listening comfort.

- Clean, linear low end response

ATH-T44
£29.95 Extended Response Dynamic Stereo Headphones

ATH-T44 Dynamic Stereo Headphones deliver remarkable acoustic performance with an extended frequency response and full, rich balanced bass.

- Rich bass response with extended high end

ATH-T22

ATH-T44

COMMUNICATION HEADSETS (PC 205 - MC 310)

ATH-COM1
£39.95 Monophone/dynamic boom mic combination headset

Designed for hands-free computer and multimedia applications, the ATH-COM1 provides a single earpiece with 40-millimeter driver for one-ear monitoring, along with a neodymium dynamic microphone for crisp, accurate vocal pickup. The flexible mic boom, cushioned ear pads and lightweight design provide added convenience and prolonged listening comfort.

ATH-COM2
£44.95 Stereophone/dynamic boom mic combination headset

With two earphones for stereo sound and a neodymium dynamic microphone for accurate vocal pickup, the ATH-COM2 is ideal for hands-free computer and multimedia applications.

ATH-COM1

ATH-COM2

Specifications	ATH-910PRO	ATH-T22	ATH-T44	ATH-COM1 - (ATH-COM2)
Type	Closed-back dynamic	Closed-back dynamic	Closed-back dynamic	Open-back dynamic
Driver Size	44 mm diameter	40 mm diameter	40 mm diameter	40 mm diameter
Microphone Type				Neodymium dynamic
Voice Coil	Copper-clad aluminium wire	–	Copper-clad aluminium wire	Copper-clad aluminium wire
Frequency Response	20-22,000 Hz	20-22,000 Hz	18-23,000 Hz	30-20,000 Hz
Maximum Input Power	120 mW at 1 kHz	500 mW at 1 kHz	500 mW at 1 kHz	50 mW at 1 kHz
Sensitivity	90 dB	100 dB	108 dB	91 dB
Impedance	40 ohms	32 ohms	40 ohms	40 ohms
Weight (without cable)	205 g (7.2 oz)	170 g (6.0 oz)	190 g (6.7 oz)	70 g (2.5 oz) - (100 g - 3.5 oz)
Cables	3.0 m (10') (OFC litz wire, left-side exit)	3.0 m (10')	3.0 m (10')	1.5 m (4.9') (coiled, left-side exit)
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	2 gold-plated 6.3 mm (1/4") adapter

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
£549.95 Automatic SmartMixer® featuring four switchable microphone or line channels
Half rack width,1U high. Supplies 12V phantom power on each channel.

AT-MX351
£699.95 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
£24.95 Joining plate for mounting two AT-MX341a mixers in a single rack space

ACCESSORIES (PC 630-MC 510)
AT8325/1.0
£22.95 Link cable (included with SmartMixer®)

Specifications	AT-MX351	AT-MX341a
Input Impedance	Mic: 8,000 Ω Line: 50,000 Ω	Mic: 4,000 Ω Line: 30,000 Ω
Output Impedance	Mic: 200 Ω Line: 300 Ω	Mic: 320 Ω Line: 200 Ω
Maximum Input Level	Mic: –24 dBV Line: +27 dBV	Mic: –20 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 D 238 mm H 44 mm	W 210 mm D 238 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

smart mixers

new automatic mixer AT-MX381 (PC 630-MC 510)

AT-MX381

- 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®

£1,449.95 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 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 4 mm (1.75") H (not including feet, knobs and connectors)
Weight	3.8 kg (8 lbs. 6 oz)

* Input terminated with 150 ohms, A-Weighted using Audio-Precision System Two.

AT-MX381

turntables

professional turntables **(PC 640-MC 510)**

AT-PL120

£259.95 Professional stereo turntable system

- Direct drive high-torque motor
- Selectable 33/45/78 RPM speeds
- Antiskating
- Selectable internal stereo phono pre-amplifier
- Selectable high-accuracy quartz-controlled pitch lock
- Selectable +/-10% or +/-20% pitch adjustment ranges
- Forward and reverse play
- Cast aluminium record platter with slip mat
- Start/stop button with remote start/stop input
- Pop-up stylus target light
- 45-RPM adapter with storage receptacle
- Receptacle for extra headshell
- Adjustable feet for leveling
- Includes professional cartridge ATP-2

AT-PL120

ATP-2XN

£49.95 1/2" mount cartridge with elliptical shaped (0.4x0.7 mm) diamond tip and strengthened cantilever for the DJ market, an extra stylus is included

The ATP-2XN cartridge is the perfect cartridge for disco and professional use. With its rigid, tapered tube for the stylus cantilever, records can be safely back-cued without harm. A high visibility paint dot on the stylus tip eases cueing, even in poor light.

ATP-2XN

REPLACEMENT STYLI **(PC116-MC 520)**

ATP-N2

£19.95 Genuine replacement stylus for ATP-2XN

Specifications	ATP-2XN
Mount	1/2"
Frequency Response	15-22.000 Hz
Channel Separation	23 dB at 1 kHz
Impedance	47 kΩ
Output Voltage	5.3 mV
Stylus Shape	Elliptical
Tracking Force	3.0-5.0 g
Weight	7.2 g

headphones

professional stereo dj headphones

(PC 256-MC 330)

ATH-PRO700

ATH-PRO700SV

ATH-PRO700
£119.95 Monitor Headphones
Top of the line monitor headphones.
53mm driver that gives a rich and accurate bass.
Folding system reduces space use and ease one-ear monitoring.
Ultra stylish design with a total comfort around your ears in any DJing environment.

ATH-PRO700SV
£119.95 Silver version of ATH-PRO700

STEREO DJ HEADPHONES **(PC 255-MC 330)**

ATH-PRO5V
£59.95 Professional Monitor and DJ headphones
- Rotating earpieces for easy one-ear monitoring
- Closed-back dynamic stereo headphones deliver exceptional clarity
- 40 mm drivers with neodymium magnets and copper-clad aluminium wire voice coils
- Rich bass response with extended high end
- Circumaural design ensures superior isolation
- Adjustable cushioned headband and lightweight design for maximum comfort
- Ultra-flexible coiled cable with left-side entry

ATH-PRO5MS
£59.95 Camouflage housing version of the ATH-PRO5V

ATH-PRO5MS

Specifications	ATH-PRO700	ATH-PRO700SV	ATH-PRO5V	ATH-PRO5MS
Type	Closed-back dynamic	Closed-back dynamic	Closed-back dynamic	Closed-back dynamic
Driver Size	53 mm diameter	53 mm diameter	40 mm diameter	40 mm diameter
Magnet	Neodymium	Neodymium	Neodymium	Neodymium
Frequency Response	5-33.000 Hz	5-33.000 Hz	15-28.000 Hz	15-28.000 Hz
Maximum Input Power	3,500 mW at 1 kHz	3,500 mW at 1 kHz	1,300 mW at 1 kHz	1,300 mW at 1 kHz
Sensitivity	105 dB/mW (JEITA)	105 dB/mW (JEITA)	103 dB/mW (JEITA)	103 dB/mW (JEITA)
Impedance	36 ohms	36 ohms	40 ohms	40 ohms
Weight (without cable)	320 g	320 g	200 g	200 g
Cables	1.2 - 3 m coiled	1.2 - 3 m coiled	1.5 m coiled	1.5 m coiled
Connectors	3.5 mm (1/8") stereo mini-plug with 6.3 mm adapter	3.5 mm (1/8") stereo mini-plug with 6.3 mm adapter	3.5 mm (1/8") stereo mini-plug with 6.3 mm adapter	3.5 mm (1/8") stereo mini-plug with 6.3 mm adapter

accessories

power supplies, power modules, attenuators and UniTools®

POWER SUPPLIES **(PC 630-MC 510)**

AT8801
£79.95 Single channel 48V DC phantom supply (AC power adapter included)

This line-powered device allow 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
£64.95 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

AT8202

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
£59.95 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.

AT8681

AT8684
£49.95 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.

AT8684

accessories

power modules for microphones elements and wireless essentials

CONDENSER MICROPHONES REMOTE POWER MODULES
(PC 630-MC 510)

AT8530
Service part — **Belt Pack type power module,** 1.5V AA battery & phantom, with low frequency roll-off, input for bare end cable, output on integral XLRM 3-pin
• Furnished with ATM75, ATM73a and AT831b

AT8531
£79.95 — **Belt Pack type power module,** 1.5V AA battery & phantom, with low frequency roll-off, input onTA3M, output on integral XLRM 3-pin.
• Furnished with U853A series, U857A series, U851A and U841A series

AT8532
Service part — **Belt Pack type power module,** 9V battery & phantom, input onTA3M, output on integral XLRM 3-pin.
• Furnished with ATM35

AT8542
£59.95 — **Phantom power only in-line power module,** with low frequency roll-off, input onTA3M, output on integral XLRM 3-pin.
• Furnished with ATM350

AT8533
£59.95 — **Phantom power only in-line power module,** with low frequency roll-off, input onTA3M, output on integral XLRM 3-pin.
• Furnished with AT831R, MT830R

AT8533x
£59.95 — **Multipurpose "phantom power only" in-line power module,** with bass roll-off, Input on screw terminal for bare end cable, output on 3-pin line XLRM.
• Same gain structure and power supply as AT8533

AT8536
£54.95 — **Phantom power only in-line power module,** with bass roll-off, Input on screw terminal for bare end cable, output on 3-pin line XLRM.
• Furnished with ES933, ES943 and ES945

AT8538
£54.95 — **Phantom power only in-line power module,** with bass roll-off, Input on screw terminal for bare end cable, output on 3-pin line XLRM.
• Furnished with U853R Series, U857R and PRO35

AT8537
Service part — **In-Line 1.5V AA battery & phantom power module,** TA3M to XLRM line 3-pin.
• Furnished with AT898 and AT899

AT8531

AT8538

AT8542

AT8533

AT8533x

AT8536

power modules / wireless essentials chart

microphone	modules	remark
AT831aW	AT8533	
	AT8530	Adaptor cable needed (HRS Female to bare end)
AT803aW	AT8530	Adaptor cable needed (HRS Female to bare end)
ES943cW/C	AT8536	Adaptor cable needed (HRS Female to bare end)
ES943cW/O	AT8536	Adaptor cable needed (HRS Female to bare end)
U851cW	AT8531	Adaptor cable needed (HRS Female to TA3F)
U841cW	AT8531	Adaptor cable needed.(HRS Female to TA3F)
U857LcW	AT8531	Adaptor cable needed (HRS Female to TA3F)
AT892cW	AT8537	Adaptor cable needed (HRS Female to TA3F) (will only operate on phantom power)
AT898cW	AT8537	Adaptor cable needed (HRS Female to TA3F)
AT899cW	AT8537	Adaptor cable needed (HRS Female to TA3F)
MT830cW	AT8533	Adaptor cable needed (HRS Female to TA3F)
MT838cW	AT8533	Adaptor cable needed (HRS Female to TA3F)
ATM35cW	AT8532	Adaptor cable needed (HRS Female to TA3F)
PRO35cW	AT8538	Adaptor cable needed (HRS Female to bare end)
ATM75cW	AT8530	Adaptor cable needed (HRS Female to bare end)
ATM73cW	AT8530	Adaptor cable needed (HRS Female to bare end)

genuine accessories

accessories, clamps, mounts (PC 315-MC 410)

Our Genuine AT microphone clamps have an American standard 5/8" female thread, therefore because most European microphone stands use 3/8" male thread, an adaptor 5/8 male to 3/8" female is needed (Use AT8423 or AT8422)

MICROPHONE CLAMPS

AT8401

£7.45 Standard slip-in clamp for tapered microphones

AT8405a

£8.45 Snap-in mic clamp, metal base, for 21 mm body diameter mics

AT8406a

£8.45 Tapered slip-in mic clamp, metal base for all tapered mics

AT8407

£12.95 Universal mic clamp, spring loaded clip, metal base. Fits most mics with diameter 15 to 25 mm

AT8470

£12.95 Quiet-Flex™ stand clamp for tapered Artist Elite® microphones

AT8471

£17.95 Microphone isolation stand clamp
Provides effective reduction of stand-transmitted noise
Dependably maintains positioning while securely holding the microphone
Compatible with 5/8"-27 threaded stands

AT8401

AT8405a

AT8406a

AT8407

AT8470

AT8471

HANDHELD TRANSMITTER MICROPHONE CLAMPS

AT8456a

£14.95 Clamp for wireless handheld microphones in the Artist Elite® AEW and 3000A Series

AT8431

£5.95 Clamp for handheld wireless microphone in the 1400 Series

AT8456a

AT8431

ADAPTERS AND STAND ACCESSORIES

AT8422

£0.95 Plastic threaded adapter, converts 3/8" stands to 5/8" threaded mic clamp

AT8433

£5.95 Shoe clamp with two locking nuts and 5/8" microphone adaptor
Fits to the accessory shoe of a camcorder.
Enables a microphone clamp to be attached to the camera

AT8423

£0.95 Brass threaded adapter, converts 3/8" stands to 5/8" threaded mic clamp

AT8459

£24.95 Swivel mount microphone clamp adapter. Provides unlimited number of angles/ positions. Compatable with 5/8"-27 threaded stands

AT8665

£ 5.95 Drum microphone clamp adapter (5/8" thread)

AT8422

AT8433

AT8423

AT8459

AT8665

genuine accessories

accessories, mounts, suspensions (PC 315-MC 410)

Our Genuine AT microphone clamps have an American standard 5/8" female thread, therefore because most European microphone stands use 3/8" male thread, an adaptor 5/8 male to 3/8" female is needed (Use AT8423 or AT8422)

CLAMPS, SHOCK MOUNTS AND POP FILTERS FOR STUDIO MICROPHONES

AT8430
£99.95 Stand clamp with 5/8" - 27 thread for AT4033a /AT4040/AT4050/AT4047SV

AT8446
£59.95 Pop filter for use with AT8449 shock mount

AT8447
£99.95 Shock mount for AT4060

AT8449
£59.95 Shock mount for AT4033a/AT4040/AT4050

AT8449SV
£69.95 Shock mount for AT4047SV

AT8458
£59.95 Shock mount for AT3035/AT3060/AT2020

AT8430

AT8446

AT8447

AT8449

AT8449SV

AT8458

UNIVERSAL SHOCK MOUNTS

AT8410a
£44.95 Shock mount, spring loaded, fits most mics with diameter 15 to 22 mm

AT8415
£59.95 Low-profile shock mount with flexible bands. Fits most mics

AT8410a

AT8415

ACCESSORIES FOR MINIATURE MICROPHONES

AT8418
£29.95 UniMount® microphone instrument mount ATM350/AT803/AT831/AT829/ PRO35/PRO70

AT8444
£27.95 Instrument adapter ATM350/ AT803/ AT831/ AT829/ PRO35/ PRO70 for acoustic guitar/violin

AT8468
T.B.A. Violin mount for ATM-350
- permits unobtrusive placement of microphone between the instrument's bridge and tailpiece

AT8418

AT8444

AT8468

genuine accessories

accessories, clamps, mounts (PC 315-MC 410)

CLAMPS AND ACCESSORIES FOR TIE CLIP MICROPHONES

AT8321
£18.95 Lavalier neck cord

AT8411
£7.95 Plastic clothing clip, fits AT803/AT829/AT831

AT8412
£12.95 Plastic double clothing clip, fits AT803/AT831/AT829

AT8414
£16.95 Metal tie tac, fits AT803/AT831/AT829

AT8417
£9.95 Wire clothing clip, AT803/AT831/AT829

AT8420
£5.95 Metal clothing clip, for MT830

AT8434
£5.95 Plastic clothing clip, for AT829

AT8435
£5.95 Tie clip for AT805/MT350

AT8460
£12.95 Clothing clip for ES943

AT8321

AT8411

AT8412

AT8414

AT8417

AT8434

AT8435

AT8460

AT899 MINIATURE MICROPHONE ACCESSORIES

AT8461
£12.95 Clothing clip base for AT899 and AT898 with single and double microphone holders

AT8461-TH
£12.95 Clothing clip base for AT899 and AT898 with single and double microphone adapters in beige

AT899AK
£39.95 Accessory kit for AT899 and AT898 models in black

AT899AK-TH
£39.95 Accessory kit for AT899 and AT898, models in beige

AT8461

AT8461-TH

AT899AK

AT899AK-TH

ACCESSORIES FOR HEADWORN AND MINIATURE MICROPHONES

AT8439
£3.95 Cable clothing clip for headworn, tie clip, and miniature microphone.

AT8439

genuine accessories

accessories, stands, mounts (PC 315-MC 410)

DESK STANDS

AT8601
£17.95 Desk stand for all 5/8"-27 mic holders

AT8614
£44.95 Desk stand with thru-hole in 5/8"-27 stud for cable passage. UniPoint AM and ES range

AT8615A
£54.95 QM plug-in desk stand; XLRF in, XLRM out for all QM mics

AT8615RS
£59.95 Same as AT8615A with switch

AT8666
£69.95 Low-profile microphone desk stand
The low-profile AT8666 microphone desk stand with sturdy metal base is equipped with a 3-pin XLRF-type in, and an XLRM-type output connector.

AT8666RSC
£119.95 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 XLRF-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
£99.95 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 XLRF-type in and an XLRM-type output connector.

SUSPENSION ACCESSORIES
FOR FIXED INSTALLATION MICROPHONES

AT8416
£49.95 Shock mount for all UniPoint AM and ES range. For fixed installation

AT8438
£12.95 Custom stand adapter for U853 and U853W fits 5/8"-27 stands

AT8438WH
£12.95 As AT8438 in white

AT8451
£8.95 Wire hanger adapter for overhead applications with U853 and PRO45

AT8451WH
£8.95 White version of AT8451

AT8452
£8.95 Wire hanger adapter for overhead MicroLine® ES933

AT8452WH
£8.95 White version of AT8452

AT8651
£5.95 Thread mount adapter for ES range

AT8658
£24.95 Shock mount for ES gooseneck microphones, ES935 and ES915

AT8616x
£29.95 Locking ring/ isolator for Engineered Sound QM Models

AT8646AM
£27.95 Shockmount plate with 5/8"-27 threaded adapter mount

AT8646QM
£32.95 Shockmount plate with XLRF connector

AT8647QM/S
£69.95 Shockmount plate for quick mount microphones with on/off switch for fixed installation

AT8601

AT8614

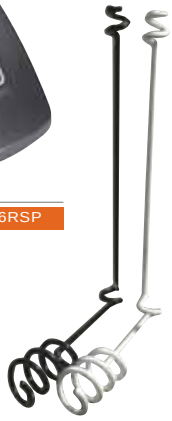
AT8615RS

AT8615A

AT8666

AT8666RSC - AT8666RSP

AT8416


AT8451-AT8451WH

AT8452

AT8438WH

AT8651

AT8658

AT8616x

AT8646AM

AT8646QM

AT8647QM/S

accessories

windscreens (PC-315-MC410)

WINDSCREENS FOR 30 AND 40 SERIES MICROPHONES

AT8137
£29.95 Large studio foam windscreen for AT4033a / AT4040 / AT4050/AT4047SV/ AT3035/ AT3060/ AT2020

AT8106
£34.95 Metal slip-on pop filter for AT4041/ AT4049 / AT4051/ AT4053 (for ultimate pop and wind protection, use an AT8114 in addition)

AT8159
£4.95 Small egg-shaped foam windscreen

AT8137

AT8106

WINDSCREENS FOR VOCAL AND INSTRUMENT MICROPHONES

AT8101
£5.95 Large cylindrical foam windscreen for AT804 / AT804L

AT8111
£8.50 Thin cylindrical foam windscreen for ATM650

AT8112
£8.50 Large cylindrical foam windscreen for ATM410 / ATM610 / ATM710

AT8114
£8.50 Ball-shaped foam windscreen for ATM31a/ ATM410 / ATM610 / ATM710

AT8115
£8.95 Large-pore egg-shaped foam windscreen for ATM650

AT8120
£12.95 Large foam windscreen for AT822 / PRO25ax / AT825

AT8122
£5.95 Small foam windscreen for ES973

AT8136
£5.95 Small egg-shaped foam windscreen for ATM10a / ATM33a

AT8101

AT8136

AT8111 AT8112 AT8115

AT8120

WINDSCREENS FOR SHOTGUN MICROPHONES

AT8132
£16.95 Shotgun windscreen for AT835b

AT8134
£15.95 Shotgun windscreen for AT835ST/ AT4073a

AT8135
£16.95 Shotgun windscreen for AT815b/ AT4071a/ AT815ST/AT897

AT8135 AT8132 AT8134

accessories

windscreens (PC-315-MC410)

HEADWORN MICROPHONE WINDSCREENS

AT8119
£1.95 Windscreen for headworn ATM73

AT8125
£5.95 Large foam golfball windscreen for ATM73

AT8128
£5.95 Small foam torpedo windscreen for headworn mic ATM73

AT8139L
£5.95 Large foam windscreen for headworn mic ATM75 / PRO8HE

AT8139S
£5.95 Small foam windscreen for headworn mic ATM75 / PRO8HE

AT8142A
£1.95 Foam temple pads (pair) for headworn mic ATM75 / PRO8HE

AT8142B
£1.95 Foam temple pads (pair) for headworn mic ATM73

AT8143
£19.95 Coloured windscreen pack suitable for ATM75 / PRO8HE, set of 4 (pink, purple, green and yellow) includes temple pads

TIE CLIP MICROPHONE WINDSCREENS

AT8110
£10.95 Foam windscreen for ES943

AT8116
£8.95 Mini windscreen for AT803b/ AT829 / AT831 / PRO70

AT8129
£1.95 Miniature foam windscreen for MT350

AT8130
£4.95 Subminiature foam windscreens (packet of 3) for MT830

AT8131
£1.95 Miniature foam windscreen for AT829 / AT803 / AT831 / PRO70

MINIATURE AT899 MICROPHONE ACCESSORIES

AT8150
£12.95 Element covers (pack of 3)

AT8150-TH
£12.95 Beige AT899 element covers (pack of 3)

AT8151
£10.95 AT899 windscreen (pack of 3)

AT8151-TH
£10.95 Beige AT899 windscreen (pack of 3)

AT892 MICROPHONES WINDSCREEN

AT8157
£10.95 AT892 windscreen

AT8157-TH
£10.95 Beige version of AT8157

AT8157-CO
£10.95 Cocoa version of AT8157

UNIPOINT®, PROPOINT® AND ENGINEERED SOUND® WINDSCREENS

AT8102
£7.95 Small 2-stage foam windscreen for use with U853 / U859 / U857

AT8102WH
£7.95 White version of AT8102

AT8104a
£44.95 Small metal lockable windscreen with additional outer foam windscreen provided suitable for U853 / U857 / U859

AT8109
£12.95 Snap-on foam windscreen for ES Series gooseneck mics

AT8117
£8.95 Large high density foam windscreen for U853 outdoor use

AT8138
£8.95 Windscreen for MicroLine® All ML/suffix mics

AT8138WH
£9.95 White version of AT8138

AT8146
£7.95 Windscreen for PRO47 / PRO49

AT8146WH
£7.95 White version of AT8146

accessory charts

studio microphones

	AT4033aSM	AT4040	AT4040SC	AT4050SM	AT4050SC	AT4047SVSM	AT4047SVSC	AT4060	AT4041	AT4049a	AT4051a	AT4053a	AT3060	AT3035	AT3031	AT3032
Power modules																
AT8560								✪								
Microphone clamps																
AT8405A									✪	✪	✪	✪			✪	✪
AT8407									O	O	O	O			O	O
AT8471	O	O	O	O	O	O	O		O	O	O	O	O	O	O	O	O
Adapters and stand accessories																
AT8422	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	✪
Clamps and shock mounts for studio mics																
AT8430	O	O	✪	O	✪	O	✪						O	O			
AT8447								✪									
AT8449	✪	✪	O	✪	O	O	O										
AT8449SV	O	O	O	O	O	✪	O										
AT8458													✪	✪			O
Universal shock mounts																
AT8410A									O	O	O	O			O	O	
AT8415									O	O	O	O			O	O	
Windscreens for 20, 30 and 40 series microphones																
AT8137	O	O	O	O	O	O	O						O	O			O
AT8106									O	O	O	O			O	O	
AT8159									✪	✪	✪	✪			✪	✪	

live sound microphones

	AE5400	AE3300	AE6100	AE4100	AE2500	AE3000	AE5100	ATM250	ATM650	ATM250DE	ATM450	ATM410	ATM610	ATM710	ATM350	ATM73a	ATM75
Power modules																	
AT8530																✪ (1)	✪ (1)
AT8542															✪ (1)		
Microphone clamps																	
AT8405A							O				O						
AT8406A	O	O	O	O					O			O	O	O			
AT8407	O	O	O	O			O		O		O	O	O	O			
AT8470	✪	✪	✪	✪					✪			✪	✪	✪			
AT8471					✪	✪	✪	✪		✪	✪						
Adaptors and stand accessories																	
AT8422	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O		
AT8423	✪	✪	✪	✪	✪	✪	✪	O	O	O	O	O	O	O	O		
AT8665												O	O	O			
Universal shock mounts																	
AT8410A	O	O	O	O		O	O		O		O	O	O	O			
AT8415	O	O	O	O			O		O		O	O	O	O			
Accessories for miniature microphones																	
AT8418															✪		
AT8468															✪		
Accessories for headworn microphones																	
AT8439																O	✪
Windscreens for vocal and instrument microphones																	
AT8106											O						
AT8111									O								
AT8112	O	O	O	O								O	O	O			
AT8114	O	O	O	O								O	O	O			
AT8115									O								
AT8136							✪										
AT8153															O		
AT8153WH															O		
AT8159											O						
AT8160															O		
Windscreens for headworn microphones																	
AT8119																O	
AT8125																✪	
AT8128																O	
AT8139L																	✪
AT8139S																	✪
AT8142A																	O
AT8142B																O	
AT8143																	O
Windscreens for Unipoint, Propoint and ES microphones																	
AT8102																	
AT8102WH																	
AT8104A																	

multipurpose microphones

	MB1k	MB1k/c	MB2k	MB2k/c	MB3k	MB3k/c	MB4k	MB4k/c	MBDK5	MBDK7	PRO31	PRO31QTR	PRO41	PRO61	PRO8HEx	PRO25ax	PRO63	PRO70	PRO35
Power modules																			
AT8538																			✪ (1)
Microphone clamps																			
AT8401	O		O	O	O	O						O	O	O			O		
AT8405A							✪	✪		✪									
AT8406A	O		O	O	O	O					O	O	O	O			O		
AT8407	O	O	O	O	O	O	O	O			O	O	O	O			O		
AT8470	✪	✪	✪	✪	✪	✪					✪	✪	✪	✪			✪		
AT8471																✪			
Adapters and stand accessories																			
AT8665									✪	✪									
AT8422	✪	✪	✪	✪	✪	✪	✪	✪	✪	✪	✪	✪	✪	✪		✪	✪		
Universal shock mounts																			
AT8410A	O	O	O	O	O	O	O	O			O	O	O	O			O		
AT8415	O	O	O	O	O	O	O	O			O	O	O	O			O		
Accessories for miniature microphones																			
AT8418																		O	✪
AT8444																		✪	O
Clamps and accessories for tie clip/lavalier microphones																			
AT8411																		✪	O
AT8412																		O	O
AT8414																		O	O
AT8417																		O	O
Accessories for headworn microphones																			
AT8439															✪				
Suspension accessories for fixed installation microphones																			
AT8438																		O	
AT8438WH																			
AT8451																		O	
AT8451WH																			
Windscreens for 20, 30 and 40 series microphones																			
AT8106																			
AT8159																			
Windscreens for vocal and instrument microphones																			
AT8101			O	O			O	O			O								
AT8111																	O		
AT8112														O					
AT8114	O	O			O	O					O	O	O	O					
AT8115			O	O													O		
Windscreens for headworn microphones																			
AT8139L															✪				
AT8139S															✪				
AT8142A															O				
AT8143															O				
Windscreens for tie clip/lavalier microphones																			
AT8116																		O	
Windscreens for Unipoint, Propoint and ES microphones																			
AT8102																			O
AT8102WH																			O
AT8153																			O

✪ = FURNISHED - O = OPTIONAL - (1) except for Wireless versions

broadcast & production

	AT4071a	AT4073a	AT815ST	AT835ST	AT815b	AT835b	AT897	AT898	AT898c	AT899	AT899c	AT899cTH	AT892c	AT892c-TH	AT892c-CO	AT803b	AT831R	AT831b	MT830R	AT803cb	AT831c	MT830c	MT838b	ATM31a	ATM33a	AT825	AT822	ATM10a	AT804	AT804L
Power modules																														
AT8530																✪(1)		✪(1)												
AT8537								✪(1)		✪(1)																				
AT8533																	✪(1)		✪(1)											
Microphone clamps																														
AT8405A	✪	✪	✪	✪	✪	✪	✪																	✪	✪	✪	✪	✪	✪	✪
AT8407	o	o	o	o	o	o	o																	o	o	o	o	o	o	o
AT8471	o	o	o	o	o	o	o																	o	o	o	o	o	o	o
Adaptors and stand accessories																														
AT8422	o	o	o	o	o	o	o																	o	o	o	o	o	o	o
AT8423	o	o	o	o	o	o	o																	o	o	o	o	o	o	o
Universal shock mounts																														
AT8410A	o	o	o	o	o	o	o																	o	o	o	o	o	o	o
AT8415	o	o	o	o	o	o	o																	o	o	o	o	o	o	
Accessories for miniature microphones																														
AT8418																o	o	o		o	o									
AT8444																o	✪	✪		o	o									
Clamps and accessories for tie clip/lavalier microphones																														
AT8411																o	o	o		o	o									
AT8412																o	o	o		o	o									
AT8414																o	o	o		o	o									
AT8417																✪	✪	✪		✪	✪									
AT8420																			✪			✪								
AT898 and AT899 miniature microphone accessories																														
AT8461								o	o	o	o																			
AT8461TH												o																		
AT899AK-TH								o	o	o	o	✪																		
AT899AK								✪	✪	✪	✪	o																		
Accessories for headworn microphones																														
AT8439								✪			✪					o	o	o	o	o	o	o	o							
Windscreens for vocal and instrument microphones																														
AT8101																													o	o
AT8114																								✪						
AT8120																										✪	✪			
AT8136																									✪			✪		
Windscreens for shotgun microphones																														
AT8132						✪																								
AT8134		✪		✪																										
AT8135	✪		✪		o		o																							
Windscreens for tie clip/lavalier microphones																														
AT8116																✪	✪	✪		✪	✪									
AT8130																			✪			✪								
Windscreens and element covers for AT899 microphones																														
AT8150										o	o																			
AT8150TH												o																		
AT8151								o	o	o	o																			
AT8151TH												o																		
Windscreens for AT892 MicroSet™																														
AT8157													✪																	
AT8157-TH														✪																
AT8157-CO															✪															

installed sound mics

	PRO45	PRO45W	PRO47T/PRO47TL	PRO49Q/PRO49QL	U853A	U853AW	U853AU	U853AWU	U853R	U853RW	U853RU	U853RWU	U841A	U851A	U857AL	U857AU	U857Q	U857QL	U857QU	U857QLU	U857R	U857RL	U857RU	U857RLU	U859QL	ES 915/C/H/O	ES915/ML	ES917S/C/H/O	ES917S/ML	ES935/C/H/O	ES935/ML	ES935S/C/H/O	ES935S/ML	ES905/C/H	ES905/ML	ES991	ES993	ES933/C/O/H	ES933W/C/O/H	ES933/ML	ES933W/ML	ES943/C/O	ES973
Power modules																																											
AT8510																																					✪						
AT8536																																		✪	✪			✪	✪	✪	✪	✪ (1)	
AT8538									✪	✪	✪	✪									✪	✪	✪	✪																			
AT8531					✪	✪	✪	✪					✪	✪	✪	✪																											
Microphone clamps																																											
AT8405A																																											✪
AT8407																	o	o	o	o					o	o	o	o	o	o	o	o	o			✪							
Desk stands																																											
AT8615A				o													o	o	o	o					o	o	o	o	o	o	o	o	o										
AT8615RS				o													o	o	o	o					o	o	o	o	o	o	o	o	o										
AT8666				o													o	o	o	o					o	o	o	o	o	o	o	o	o										
AT8666RSP				o													o	o	o	o					o	o	o	o	o	o	o	o	o										
AT8666RSC				o													o	o	o	o					o	o	o	o	o	o	o	o	o										
Accessories for miniature microphones																																											
AT8418					o	o			o	o																																	
Clamps and accessories for tie clip/lavalier microphones																																											
AT8460																																										✪	
Suspension accessories for fixed installation microphones																																											
AT8416			o												o	o					o	o	o	o																			
AT8438	o	o			✪	o	✪	o	✪	o	✪	o																															
AT8438WH	o	o			o	✪	o	✪	o	✪	o	✪																															
AT8451	✪	o			✪	o	✪	o	✪	o	✪	o																															
AT8451WH	o	✪			o	✪	o	✪	o	✪	o	✪																															
AT8452																																						✪	o	✪	o		
AT8452WH																																						o	✪	o	✪		
AT8651				o													o	o	o	o					o	✪	✪	✪	✪	✪	✪	✪	✪											
AT8658																	o	o	o	o					o	✪	✪	✪	✪	✪	✪	✪	✪											
AT8662																	✪	✪	✪	✪					o	o	o	o	o	o	o	o	o											
AT8663															✪	✪					✪	✪	✪	✪																				
AT8664															✪	✪					✪	✪	✪	✪																				
AT8646AM			o												o						o	o	o	o																				
AT8646QM				o													o	o	o	o					o	o	o	o	o	o	o	o	o	o	o									
AT8647QMS				o													o	o	o	o					o	o	o	o	o	o	o	o	o	o	o									
Windscreens for vocal and instrument microphones																																											
AT8122																																											✪
Windscreens for tie clip/lavalier microphones																																											
AT8110																																										✪	
Windscreens for Unipoint, Propoint and ES microphones																																											
AT8102	o	o	o	o	o	o			o	o					o		o	o			o	o			o																		
AT8102WH	o	o	o	o	o	o			o	o					o		o	o			o	o			o																		
AT8104A	o	o	o	o	o	o			o	o					o		o	o			o	o			o																		
AT8109																										✪		✪		✪		✪		✪				✪	o					
AT8109WH																										o		o		o		o		o				o	✪					
AT8117															o		o	o			o	o			o																			
AT8138																											✪		✪		✪		✪		✪						✪	o		
AT8138WH																											o		o		o		o		o						o	✪		
AT8146	✪	o	✪	✪																																							
AT8146WH	o	✪	o	o																																							
AT8153					✪	o			✪	o					✪		✪	✪			✪	✪			✪																		
AT8153WH					o	✪			o	✪					o		o	o			o	o			o																		
AT8154							✪	o		✪	o					✪			✪	✪			✪	✪																			
AT8154WH							o	✪		o	✪					o			o	o			o	o																			

✪ = FURNISHED - O = OPTIONAL - (1) except for Wireless versions

SABINE®

"... a Sabine product is always something new..."

Doran **Oster**

Sabine founder and CEO

Sabine, Inc., located in its international headquarters in Alachua, Florida, manufactures professional audio equipment essential to live, installed and recording sound venues both large and small. Sabine's FBX Feedback Exterminator® is the industry standard for transparent, feedback-free sound. Sabine True Mobility® wireless microphone systems (with built-in signal processing including the FBX®) give performers the clearest sound and maximum wireless microphone mobility.

A graduate of the University of Florida's School of Engineering, Sabine founder and CEO Doran Oster built the company based on innovation and quality. "Some people go into business distributing other people's products, or making products that are similar to everyone else's product, but cheaper," Oster said. "That's what I call a 'me too' product. We don't have the resources to do things cheaper than our international competitors. A Sabine product is always something new or something substantially better than what is on the market."

Sabine, Inc. began as a guitar repair/flute manufacturing shop in 1971 in Gainesville, Florida. The company made the transformation into professional audio with the FBX in 1990, and Sabine's new 2.4 GHz wireless microphones, acknowledged as the most ground-breaking wireless microphone in the industry, continue Sabine's record of innovation.

SABINE®

FBX feedback exterminator® #96

Since Sabine first invented digital feedback control in 1991, FBX Feedback Exterminators have set the standard for transparent and reliable automatic feedback control. Now Sabine is proud to announce the next generation of automatic feedback controllers: The FBX1200 and FBX2400, now with SMARTFilter™ Technology.

graphic-Q2™ #97

A new generation of hands-on or hands-off digital processors is here from Sabine.
The Graphi-Q2 improves on the ground-breaking Graphi-Q with new software, new control options, and a full-featured crossover. Sabine was the first to offer an analog-style front panel controlling 32-bit digital processing, and this new generation of multi-function processors once again sets the standard for the all-in-one audio solution.

navigator system processors #98 to #99

These new multi-function DSP units from Sabine are equally at home in the most demanding and diverse applications. Get full control and fast setup of your production audio rig, easy configuration and secure installation of your commercial or worship sound system, and complete signal routing for multi-room venues – all with Sabine's superior DSP algorithms and robust hardware platform. Set your course for a better sounding system with the new Navigator System Processors.

true mobility wireless microphone systems #100 to #101

Wireless microphones offer several advantages over their wired cousins, but they also bring along some undesirable baggage. Three major issues haunt the wireless mic user. RF problems, sound quality problems, and battery problems all combine to make the wireless experience a real challenge. Until now…

SABINE®
ADAPTIVE AUDIO

sabine® feedback exterminator (PC 631-MC 512)

FBX2400-K
£499.00 **Dual channel feedback exterminator**
featuring SMARTFilter Technology/12 filters per channel. 24 bit processing. Timed & Manual Dynamic Filter reset. Three colour LED display. Extra gain before feedback
(6 to 9dB typical)

FBX2400

FBX1200-K
£399.00 **Single channel feedback exterminator**
featuring SMARTFilter Technology/12 filters per channel. 24 bit processing. Timed & Manual Dynamic Filter reset. Three colour LED display. Extra gain before feedback
(6 to 9dB typical)

FBX1200

sabine® FBX-Solo 820 series

SL820-K
£329.00 Single channel FBX-Solo for 1/4" input and output

SM820-K
£349.00 Single channel FBX-Solo for XLR input and output

sabine® accessories

SL6RACK
£39.00 1U rack kit for SL820 & SM820

SPSPOWR-K
£16.00 Power supply for SL820 and SM820

SL820-K

SM820-K

sabine® reference microphone

SQ1001
£299.00 Reference microphone

The Sabine SQ1001 is a high quality, free-field condenser microphone designed for reference use in professional applications which require excellent performance and accuracy in recording, broadcast and live performance sound reinforcement over a wide range of environmental conditions.
The extended free field response makes it suitable for acoustic measurements in a variety of environments and for use with IEC 657 type 1 sound level meters.
The SQ1001 requires phantom power (for use with IEC 268-15 voltages of 9-52Vdc), and uses an XLR3 connector. The SQ-1001 is rated to 128 dB SPL.

- Uniform Free-Field, hemispherical response
- Virtually flat response from 20Hz - 19kHz
- Long lasting, durable housing construction and finish

SQ1001

sabine® graphi-Q2™ (PC 632-MC 512)

GRAPHI-Q2: EIGHT DSP PRODUCTS IN ONE

The GRQ2 combines eight indispensable audio products into one very affordable, all-digital package — with an easy-to-use hands-on interface! With the touch of a fader you can shape your frequency response using the GRQ2's 31-band digital graphic EQ. Need more control? Use the parametric EQ to control your filter width, depth and frequency. Time align your speakers with the digital delay. Manage your system gain with the GRQ2 digital compressor/limiter. Finally, add 3 to 9 dB extra gain and automatic feedback control with Sabine's patented FBX technology.

- 31-band Digital Graphic EQ, with 6 or 12 dB range
- Patented FBX Feedback Exterminator: up to 12 new FBX SmartFilters with Quick & Quiet Setup Mode
- Parametric Filters, up to 12 with full graphic editing
- High and Low Cut Filters
- Crossover: 1x2, with Bessel, Linkwitz-Reily, and Butterworth filters, slopes to 48 dB
- Limiter: Full-featured, including hard limiting for speaker protection
- Compressor: Full-featured, switchable to stereo or mono
- Delay: up to 1 second delay, adjustable in 20 microsecond increments
- New GRQ2 Remote Software: Compatible with all versions of Graphi-Qs
- Graphic Editing of Parametric Filters: Real-time filter drawing.

GRQ2-Remote software main screen

GRQ3121-K
£ 799.00 1U, Single channel Graphi-Q (one in / two out)

GRQ3121-K

GRQ3121-S-K
£ 699.00 1U, Single channel blank front panel Graphi-Q (one in / two out)

GRQ3121-S-K

GRQ3122-K
£ 1,299.00 2U, Dual Channel Graphi-Q (two in / two out)

GRQ3122-K

GRQ3122-S-K
£ 1,099.00 1U, Dual Channel blank front panel Graphi-Q (two in / two out)

GRQ3122-S-K

SABINE®
ADAPTIVE AUDIO

sabine® navigator system processor (PC 633-MC 512)

The Navigator Series is a complete multi-input/output digital system processor with full loudspeaker management, designed for commercial installation and production audio.

The latest in available technology is included with 32-bit (40-bit extended) floating point processors and high performance 24-bit digital converters.

As the name implies, the Navigator is all about control.

Navigator Remote Control software provides a heads-up display of all systems status and fast access to all parameters. Equally powerful is the front panel control for those times when you need full access at the rack position. When integrating the Navigator as part of a larger system, choose either CobraNet (coming soon) or Ethernet as your connection protocol. Serial and Ethernet-based touch screen control is also possible with all Navigators.

One of the pioneers in the field of digital signal processing, Sabine's research and development into digital filtering technology provides an edge in both sound quality and reliability.

The FBX Feedback Exterminator is one of the many innovations originating from the engineers at Sabine. This intense research is applied to all DSP functions of the Navigators, including equalization, level control, delay, polarity, routing, multiple crossover selections, and gain management. Industry-standard Analog Devices SHARC processors handle the DSP processing.

Loudspeaker Controller
Matrix Mixer
Signal Router

- Superior Sound Quality
- No Limit on DSP Power
- Equalization
- Crossovers
- FBX Feedback Exterminator®
- Gain Management
- Routing
- Delay
- Presets
- Security
- Full Front Panel Control
- Remote Computer Control
- Optional Ethernet, CobraNet, and Digital Audio I/O

NAV3600-EN-K
£1,149.00 3 in 6 out system processor with ethernet

NAV3600-K
£ 849.00 3 in 6 out system processor

NAV3600

NAV4800-EN-K
£1,699.00 4 in 6 out system processor with ethernet

NAV4800-K
£1,499,00 4 in 6 out system processor

NAV4800

NAV8800-EN-K
£ 2,199.00 8 in 8 out system processor with ethernet

NAV8800-K
£1,899.00 8 in 8 out system processor

NAV8800

sabine® navigator system processor (PC 633-MC 512)

Navigator tools

Equalization
- Parametric, high & low shelving, 6-bands per each I/O
- FBX Feedback Exterminator, 8 filters per input

Crossovers
- Multiple types and presets
- Three filter types
- Slopes to 48 dB

Gain Management
- Gain on all I/Os
- Compressors
- Limiters

Routing & Delay
- All inputs to all outputs
- Polarity switching on each I/O
- 450 msec delay available per channel

Performance
- 48 KHz sampling rate
- 24 A/D, D/A converters
- 32-bit (40-bit extended) processing

Memory and Security
- 30 programs, save and recall
- Multiple security levels; password protected
- Flash RAM - all firmware and software upgradeable
- Front panel: instant menu access and linking for each I/O

Controls
- Gain LEDs for each channel; LCD, datawheel
- Remote: Navigator Remote Control Software via RS232 Serial
- Options: Ethernet, Digital Audio I/O and CobraNet (TBA)

Navigator remote control software

Navigator Remote for Windows is an intuitive control surface for the Navigator. Almost all controls are available on the front panel, but the software provides far greater flexibility and control. All the major functions you need are there on the screen, ready for use. You rarely need to leave the main screen or pull down a menu to access the control you need. The software provides an editable graphic display for all functions, and allows for unlimited data file storage. And you can upload and download complete sets of Navigator programs to and from your units. With the –EN versions you can create Navigator Networks to control and link multiple units, and you can access these from remote sites.

Navigators will improve the sound quality and the adaptability of sound systems for churches, schools, boardrooms, theatres, concert halls, offices, retail outlets, and all levels of touring and production systems.

TRUE MOBILITY®
WIRELESS SYSTEMS

sabine® true mobility wireless microphone system (PC 634-MC 512)

Sabine wireless products are featured in this catalogue as component products only, not as full systems.
For a complete wireless system, choose the components you require and add their prices together accordingly.
For example, one receiver from page 88 plus one transmitter from page 89.

SABINE WIRELESS RECEIVERS

SW71-R-K
£859.00 One channel receiver

SW72-R-K
£1,219.00 Two channel receiver

SW72-NDR-K
£1,449.00 Two channel receiver with network interface and digital output

SWM7000-Remote control software

RF Scanner Function

SW72-NDR-K

SW71-R-K

TRUE MOBILITY®
WIRELESS SYSTEMS

sabine® true mobility wireless microphone system (PC 634-MC 512)

SABINE HANDHELD TRANSMITTERS

SW70-H13-K-M1
£429.94 Handheld transmitter with dynamic element (Audix OM3)

SW70-H15-K-M1
£524.95 Handheld transmitter with dynamic element (Audix OM5)

SW70-H19-K-M1
£549.00 Handheld transmitter with condenser element

SW70-H19-K-M1

SABINE BELT PACK TRANSMITTER

SW70-T-K
£349.95 Belt pack transmitter

SW70-T-K

sabine® accessories

SWBAA2
£19.90 Rechargeable batteries for all transmitters

SWC70CL
£2790 SW70-H series charger / mic clip

SWC-POWR
£19.90 Plug-in charger for SW70 series transmitters

SWC-DB9-XLR
£59.90 Sabine audio control snake cables, RS232 to XLR, set of 2

SWCT70G-TA4
£24.90 Instrument input w/cable

SWC70CL

SWA6SS

SABINE ANTENNAS

SWA700
£39.00 TNC rear - front Kit

SWASS-EXT
£129.90 2.4 GHz extention antenna kit, set of two

SWA6SS-K
£459.00 2.4 GHz antenna distribution amplifier for 6 systems or 12 channels

SWATNC-N
£139.00 RF adaptor cables, set of 4, TNC to NBJ (RG58 to RG8)

SWACA15
£69.90 Pair of RF cables, 15 ft, TNC

SWACA30
£129.90 Pair of RF cables, 30 ft, TNC

SWASS-EXT

On-Stage Stands®

Innovation of the finest musical instrument and microphone stands for nearly 20 years.

On-Stage Stands®

microphone stands and accessories

#104 to #105

The Last Word in microphone support.
Quality, innovation and a commitment to offer the most unique product to today's performing musician, it's no wonder on-stage stands® has become the standard around the world in microphone support.

speaker stands

#106

Supporting professional sound.
These speaker stands and accessories are designed with safety and strength in mind.

instrument stands

#107

Keyboard stands
A new era. A new breed. From innovative product design and point-of-purchase power these keyboard stands and benches redefine stage or studio support.

Guitar stands
These guitar stands and accessories have been standing behind new and vintage guitars for over 20 years.

Sheet music stands

On-Stage Stands

microphone stands and accessories (PC 645-MC 515)

HEX BASE SERIES

SMS7650

£149.99 **HEX-BASE® studio boom**

The Hex-Base® Studio Boom is equipped with two straight boom shafts that can be attached for studio recording. Or remove the front boom and use the back boom for project studio work. Boom angle adjusts with a 40-tooth clutch. The 22lb base is a step above the rest as it provides a low centre of gravity, giving it stability even when moved. Also includes removable casters.
3 Telescoping shafts with 2 large friction knobs; solid steel lug connects shaft to base; 7lb sliding counterweight with locking cam lever.
Height Adjustment: 40”-82”
Boom Length: 82” with 7” arm extension
Base Spread (with out casters): 18”
Base Spread (with casters): 24”

MS7625B

£28.99 **Hex base quarter-turn threadless microphone stand**

This revolutionary threadless stand allows the shaft to be mounted into the base with one swift motion. Just push down and turn the shaft one quarter clockwise to lock, or push down and turn one quarter counter-clockwise to remove.
The uniquely shaped 9lb base on this patent-pending item means more room for feet placement.
Height Adjustment: 34”-60”
Base Spread: 11.5”

MS7625C

£28.99 **Hex base quarter-turn threadless microphone stand**

Same as 7625B but with chrome shaft.

ROUND BASE SERIES

MS7201QRB

£19.99 **Round base quik release microphone stand**

An industry standard! The 9lb. sand-cast base is sturdy enough for road abuse yet light enough to carry.
This round base features a clutch trigger for fast two-handed operation.
Height Adjustment: 33”-62”
Base Diameter: 10”

EURO-STYLE SERIES

MS7701B

£24.99 **Euro boom microphone stand**

This Euro Boom boasts hybrid sheet metal and high-impact plastic leg housing making it unbreakable.
A removable boom arm and its ability to fold flat make this stand a must for every member of the band.
Also features a cast steel mid-point clutch.
Height Adjustment: 36”-63”
Boom Length: 30”
Base Spread: 23”

MS9701B

£32.99 **Heavy-duty euro boom microphone stand**

A top-of-the-line boom stand with heavier die-cast leg housing, thicker tubing and premium threads;
Height Adjustment: 36”-63”
Base Diameter: 24”

MS9701TB

£34.99 **Heavy-duty microphone stand with telescoping euro-style boom**

Height Adjustment: 36”-63”
Base Diameter: 24”
Other Features:
The easy-to-use Euro-Style clutch featured on the boom stands in this series allows for convenient one-handed angle adjustments on stage.

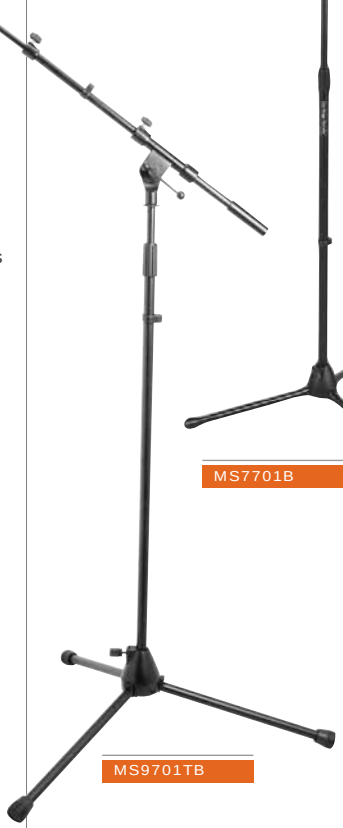
SMS7650

MS7625B

MSS7201QRB

MS7701B

MS9701B



MS9701TB

microphone stands and accessories (PC 645-MC 515)

UTILITY MIC STAND / BOOM COMBOS

MS7920B

£24.99 **Kick drum / amp microphone stand**
Height Adjustment: 8”-14”
Boom Length: 16”
Base Diameter: 4.5”- 7.5”stand / Boom Combo

MS7920B

DESK MICROPHONE STANDS

DS7200B

£11.99 **Adjustable height desk stand, black finish**
This stand sports a die-cast steel clutch.
Height adj.: 9”-13”
Base Diameter: 6

DS7200C

£12.99 **Adjustable height desk stand with chrome removable shaft**
This stand sports a die-cast steel clutch.
Height adj.: 9”-13”
Base Diameter: 6”

DS7200C

MICROPHONE BOOMS

MSA7020TB

£11.99 **Top mount tele-boom**
A telescoping boom with separate euro-style knobs that adjust the length from 32”- 48”.

MSA7020TB

MSA7040TB

£14.99 **Compact tele-boom**
Compact professional telescoping boom adjust the length from 19”- 32”.

MSA7040TB

POP BLOCKERS

ASVS6-GB

£19.99 **6” Pop blocker with gooseneck and clamp**
Our improved Pop Blocker connects easily to any microphone stand or boom.
Includes 6” bar and 13” steel gooseneck.

ASV6-GB

MOUNTS AND CLIPS

DM50

£9.99 **Drum mic clip (rim mount)**
DM50 is an affordable drum mic clamp that’s easy to use and a fantastic, space-saving solution.
The isolation cylinders on this clip dampen unwanted vibrations while miking your drum
Fits 6” – 18” diameter drums with rims as tall as 1 3/8”
Works with most flanged, die-cast, and percussion rims
Height adjustable design locks in any position
Black powder coat finish

DM50

MY-100

£2.98 **Heavy-duty rubber mic clip**

MY-100

MY-110

£2.98 **Wireless mic clip**

MY-110

STAND BAG

MB7625

£24.99 **Microphone stand bag**
A must for 3-piece bands or larger, this rugged nylon bag includes enough pockets for either 3 round base mic stand bases, 3 hex-base mic stand bases or any combination of both. This bag is also constructed with specially-designed pockets for the 3 accompanying shafts. Includes extra tough nylon hand straps for convenient handling.
Individual zippers to open and close each base pocket.
Fits On-Stage Stands models: MS7625, and MS7201
Will also fit standard boom extensions (such as the MSA7020B/TB or the MSA7040B/TB).
Available in black colour.

MB7625

On-Stage Stands

speaker stands & accessories (PC 646-MC 515)

CLASSIC SPEAKER STAND SERIES

SS7730B
£29.99 **Steel-aluminium speaker stand**

A fantastic speaker stand for musicians on a budget! This basic model features heavy construction and includes a 35mm to 38mm adapter sleeve
Finished with black powder coat paint.
Applications: Mid-size speakers
Upper Shaft Tubing: 1-3/8" (use the 1-1/2" adapter for universal fit)
Weight Capacity: 200lbs.
Height Adjustment: 44"-80"
Base Spread: 32"-48"

Locking/Retractable Leg housing with 120-degree design for low centre of gravity and equal weight distribution.

SS7730B

CRANK-UP SERIES

SS8800B
£99.99 **Crank-up speaker stand**

Simply crank-up-or-down using the manual handle to raise or lower a speaker cabinet. It's fast! It's safe! It's smart! Get cranking!
Applications: Small speaker cabinets
Upper Shaft Tubing: 1 3/8"
Weight Capacity: 100lbs
Height Adjustment: 47"-80"
Base Spread: 32"-48"

How it works:
The upper shaft is constructed from extruded aluminium and the gear teeth are milled into the shaft, making it the most affordable solution on the market to cranking up speaker cabinets.

SS8800B

BRACKETS AND ATTACHMENTS

SS7913B
£29.99 **Wall mount speaker bracket**

Ideal for sound contractors, mount this bracket on the walls at night clubs, schools or just about anywhere.
Also includes screws for assembly
Applications: Small speaker cabinets
Tubing: Rectangle
Weight Capacity: 100lbs.
Included: 1 3/8"- 1 1/2" adapter sleeve

SB7913B

TRANSPORTATION SYSTEMS

SB7000
£24.99 **Heavy-duty speaker stand bag**

A must for every roadie, this rugged padded nylon bag provides ample room for either two speaker stands, six microphone stands or various drum hardware

Features an adjustable shoulder strap with metal dog leash for fast removal.
Also includes hand straps for convenient handling. Two heavy gauge metal pulls are attached to the zipper so that the bag can be zipped at the centre.
All seals are crafted with corded piping that gives the bag its rigid shape.

SB7000

instrument stands (PC 647-MC 515)

KEYBOARD STANDS

KS7350
£79.99 Pro heavy-duty folding-Z™ keyboard stand
Height Adjustment: 24”-38”
Telescoping Width Adj.: 21”-36”

KS7365EJ
£89.99 Pro heavy-duty folding-Z keyboard stand with second tier.
This compact stand can allow for independent height and width adjustment, hold two keyboards and fold into a space smaller than most guitar cases.
Height Adjustment: 24”-38”
Width Adjustment: 21”-36”

KS7200
£39.99 Heavy-duty single-X ERGO-LOK™ system
Our patented ERGO-LOK™ system, with its ergonomic trigger located under the upper support arm, brings adjustments within easy reach.
Tubing: 1” - Weight Capacity: 325 lbs.
Height Adjustment: 27“-39“ - Base Spread: 11“-30”

KS8190
£19.99 Classic single-x-style keyboard stand.
The On Stage KS8190 is a tough, affordable, classic single-x-style keyboard stand.
Tubing: 15mm x 30mm - Weight Capacity: 130 lbs.
Height Adjustment: 27-38 in - Base Spread: 11-31 in.

KSA7500
£17.99 Adjustable 2nd Tier, universal fit for X-style stands

KT7800
£29.99 Three-position X-style bench
Bench Seat Size: 12” x 17”
Height in centre position: 20”

KEYBOARD STANDS BAGS

KB7350
£19.99 Keyboard bag for KS7350

KB7365
£24.99 Keyboard bag for KS7365EJ

GUITAR STANDS

XCG4
£6.99 Classic guitar fret rest
XCG4 combines our best quality velveteen rubber and heavy tubing. A great value on any budget!
Padding: Velveteen Rubber
Leg housing: Heavy-Duty Sheet Metal
Tubing: 17mm/ 22mm

GS7253B
£34.99 Duo-guitar stand
A double version of the Flip-It!®, the Duo model holds two guitars of any type.

GS7353B
£44.99 Tri-guitar stand
All the same great features as the DuoFlip-It!®, but is designed to support three guitars on one stand.

GS7565B
£24.99 Pro Flip-it!® a-frame, single guitar stand
Possibly the safest guitar stand on the market today, the Flip-It!® A-Frame combines the convenience of an A-frame with the safety of our patented Flip-It top yoke.
Padding: Velveteen Rubber
Tubing: 1”x1” Square

SHEET MUSIC STANDS

SM7122BB-VL
£9.99 Compact sheet music stand including bag, black finish
This lightweight stand features folding legs and is easy to carry with you to any practice or concert event.
Fixed point book plate angle connector, holds three 8.5” X 11” sheets
Spring-loaded trigger releases lock to fold legs
Non slip rubber feet, fold out extensions, hinge point system, leg housing spreads to 21” diameter

KS7350

KS7365EJ

KS7200

KS8190

KSA7500

KT7800

KB7350

XCG4

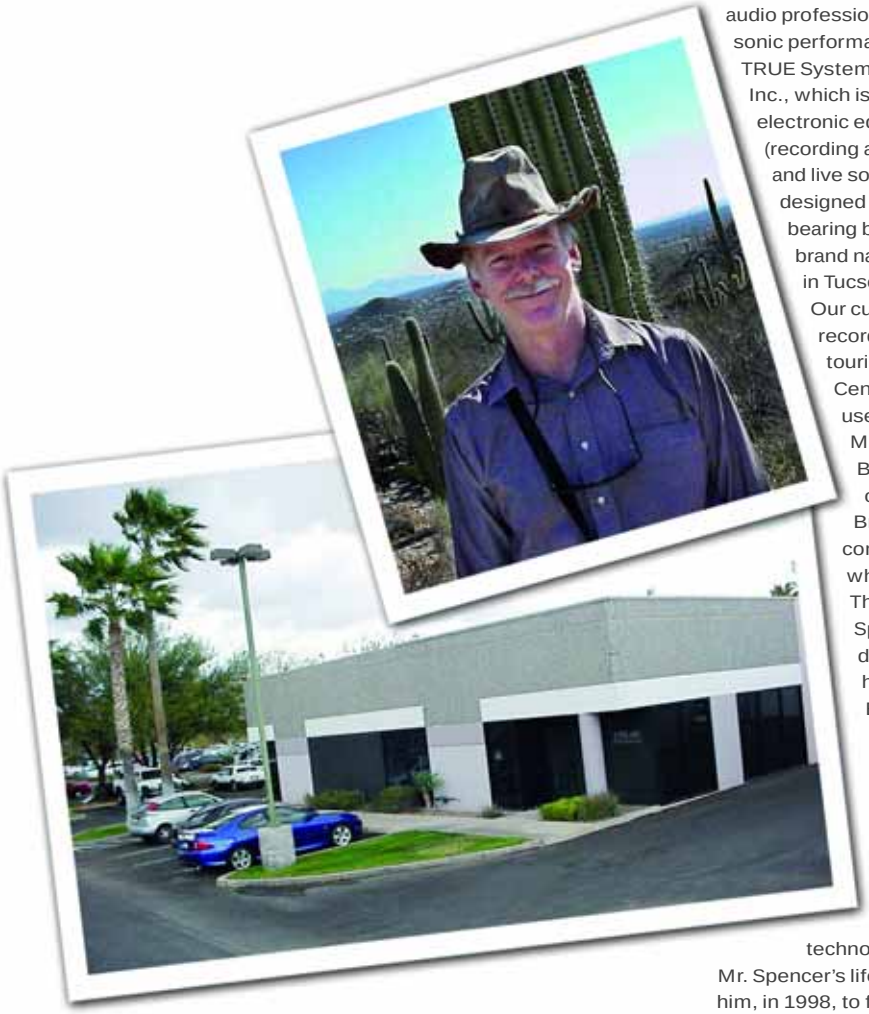
GS7253B

GS7353B

SM7122BB-VL

GS7465B

TRUE Systems is dedicated to providing the highest quality tools for the audio professional and enthusiast by offering products with exceptional sonic performance, superior value, and unique productivity features.



TRUE Systems is dedicated to providing the highest quality tools for the audio professional and enthusiast by offering products with exceptional sonic performance, superior value, and unique productivity features.

TRUE Systems is a product line of Sunrise Engineering and Design Inc., which is involved with consulting, design, and manufacture of electronic equipment used in professional audio production (recording and broadcast studios, concert halls, location recording and live sound, etc.). The company has, over the last nine years, designed or consulted on a variety of professional audio products bearing brand names of Tascam, Sony, Burr Brown, and our own brand name, TRUE Systems. TRUE Systems products are made in Tucson, Arizona, USA.

Our customers include numerous recording studios, remote recording and broadcast production companies, and concert touring companies. Our products are installed in Lincoln Center, Crystal Cathedral, MGM Grand Hotel, and have been used for live sound and/or recording of artists such as Sarah McLachlan, Dido, Elvis Costello, Herbie Hancock, David Benoit, Coldplay, Ricky Skaggs, Steely Dan and numerous others. Sony Music Studios, Skywalker Studios, Warner Bros., and major film/video sound post-production companies use TRUE Systems products or products for which we have been design consultants.

The principal of Sunrise Engineering and Design, Tim Spencer, has thirty years of diverse experience in design, development, integration and manufacturing of complex hardware and software systems. While employed at Burr Brown (now part of Texas Instruments), he was responsible for design and development of various amplifier products as well as analogto- digital and digital-to-analog conversion devices - and Burr Brown's very first microcircuit power operational amplifiers. While employed by a major aerospace corporation, he worked in various engineering and management positions involving design and implementation of automated production test systems, manufacturing technology, and information technology systems.

Mr. Spencer's lifelong interests in music and recording technology led him, in 1998, to form his own engineering company and introduce the first TRUE Systems microphone preamplifier product.

TRUE systems™

P-Solo #110

P-SOLO features an identical preamp design to the acclaimed Precision 8 and P2 Analog mic preamps, which are noted for stunning sonic detail and neutral, but musical, character. Whether you're recording Bach or rock, you'll be using the same preamp preferred by many professional musicians, engineers and producers for critical studio, location recording, and live sound situations. The sonic character of this preamp compliments any microphone type and produces superior results in a broad variety of application.

P2 Analog #110

The P2 Analog is designed to provide detailed, transparent sonic performance necessary for the most critical direct tracking and live sound applications. It includes a unique combination of functions that make it useful as a complete input system for standalone or PC-based recording systems. And, the P2 Analog has special features that provide the serious musician or recordist with useful tools to get the best sound more quickly and easily.

Precision 8i #111

Precision 8i is ideal for location recording due to its 8-channel single rack unit format, smooth continuous gain controls, useful level metering, and easy interconnect. The integral MS decoder provides creative spatial image control that is particularly useful in attaining an exciting stereo image with minimum effort and microphone repositioning.

P-Solo Precision instrument microphone preamp (PC 810-MC 550)

P-Solo
£579.00 Single-channel precision microphone instrument preamplifier.

P-SOLO features an identical preamp design to the acclaimed Precision 8 and P2 Analog mic preamps, which are noted for stunning sonic detail and neutral, but musical, character. Whether you're recording Bach or rock, you'll be using the same preamp preferred by many professional musicians, engineers and producers for critical studio, location recording, and live sound situations. The sonic character of this preamp compliments any microphone type and produces superior results in a broad variety of applications. And, the instrument input (DI) provides exceptional articulation, presence and depth from electric instruments.

- Totally balanced, dual servo, high dynamic range, transformerless design using hand-matched components
- Internal linear AC power supply for excellent transient response (no "wall wart" or external supply)
- High impedance instrument input, high-pass filter, phantom power, dual analog outputs. Four-level metering
- Compact, attractive, durable enclosure

P-SOLO

Specifications	
Gain (microphone)	+16 to +64 dB (+6 dB with input att. act.)
Gain (direct input)	-4 to +44 dB (-14 dB with input att. act.)
Frequency Response	1.5 Hz to 500 kHz (-3dB) (gain = 40 dB)
Maximum Output Level	+31 dBu (+ 27 dBu in low gain mode)
Maximum Input Level	+25 dBu
Input Impdance (microphone)	5.5 kOhm
Input Impedance (direct input)	2 MOhm
Noise (Rs = 0 Ohm)	-132 dB e.i.n.
Slew Rate	>40V/uS
CMRR (CMV = +10dBu)	85dB
T.H.D.	+26dB, 100 kOhm - 0.0008%
Power Requirements	115/230VAC, 50/60 Hz, 7 Watts
Dimensions (W x D x H)	76.2 mm x 153 mm x 253 mm

P2 Analog
£1,499.00 2-Channel microphone preamplifier

The P2 Analog is designed to provide detailed, transparent sonic performance necessary for the most critical direct tracking and live sound applications. It includes a unique combination of functions that make it useful as a complete input system for standalone or PC-based recording systems. And, the P2 Analog has special features that provide the serious musician or recordist with useful tools to get the best sound more quickly and easily. In addition to our acclaimed microphone inputs, the P2 Analog features two instrument direct inputs (DIs) offering sonic performance previously thought to be available only with dedicated, high-end DIs. You'll get incredible articulation and control for electric bass, detail and smoothness for stringed instruments and punchy, clean sound with keyboards. Even with today's emphasis on powerful digital audio platforms and software plug-ins to perform signal-processing tasks, the issue of microphone placement remains a critical variable in determining the quality of your final sonic product. The P2 Analog incorporates powerful features that assist you in achieving optimum microphone placement for nearly any stereo recording situation.

- Ultimate sonic performance for critical recording and sound reinforcement
- Two active high-impedance DIs - comparable to high-end dedicated DIs
- M-S (Mid-Side) Decoder for creative spatial image control
- Stereo Phase Correlation Display speeds effective mic positioning
- Selectable high-pass filters
- Relay-switched signal routing
- Dual gain range
- Solid construction - with striking, machined front panel

Specifications	
Gain (microphone)	3.5 to 52 dB and 15.5 to 64 dB (dual range)
Gain (direct input)	-16 to +32 dB and -4 to 44 dB
Frequency Response	1.5 Hz to 500 kHz (-3dB) (gain = 40 dB)
Maximum Output Level	+31 dBu (+ 27 dBu in low gain mode)
Maximum Input Level	+15 dBu (+ 25 dBu in low gain mode)
Input Impdance (microphone)	5.5 kOhm
Input Impedance (direct input)	2 MOhm
Noise (Rs = 0 Ohm)	-132 dB e.i.n.
Slew Rate	>40V/uS
CMRR (CMV = +10dBu)	85dB
T.H.D.	+26dB, 100 kOhm - 0.0008%
Power Requirements	115/230VAC, 50/60 Hz, 22 Watts
Dimensions (W x D x H)	442 mm x 341 mm x 44.2 mm

Precision 8i - 8 channels microphone preamp (PC 810-MC 550)

Precision 8i

£2,579.95 Eight channel precision microphone preamplifier

The Precision 8i, designed to provide the detailed, transparent sonic performance necessary for the highest quality direct tracking and live sound applications, throughout the world. Two sonically accurate discrete FET instrument inputs (DI's) are available for recording or live sound applications in which realistic, unaffected sound quality is desired. The 5-segment peak-hold level metering with selectable peak reference allows rapid optimization of program levels between the Precision 8i and devices to which it is interfaced.

The integral MS decoder provides creative spatial image control that is particularly useful in attaining an exciting stereo image with minimum effort and microphone repositioning.

With the emphasis shifting to digital audio platforms and modular configurations, software "plug-ins" are replacing many outboard signal processors. Other than the microphone itself, the microphone preamplifier is the most significant analog device remaining in the signal chain. Precision 8i, with its sonically pure design, simple-to-use features, and unparalleled cost/performance value, is the ultimate solution for state-of-the-art digital recording studios and project studios.

- Eight highly transparent solid state microphone preamps in a 1 unit rack configuration
- Sturdy outboard power supply designed for international power requirements
- Challenges the recognized leaders in sonic accuracy and performance
- Built-in M-S (Mid-Side) decoding for creative spatial image control
- Active, high-impedance instrument inputs ("DI's") selectable on two channels
- 5-segment level indicators with peak-hold feature and selectable peak reference
- Smooth continuous gain controls
- Easy interface to MDM's, HDR's, DAW's, or consoles
- Dual DB25/TRS outputs for flexible interconnection

Precision 8i rear panel output connectors

Precision 8i channel 1 and 2 MS selector

Precision 8i Power Supply

Specifications	
Gain (microphone)	+16 to +64 dB
Gain (direct input)	-4 to +44 dB
Frequency Response	1.5 Hz to 500 kHz (-3dB) (gain = 40 dB)
Maximum Output Level	+31 dBu
Maximum Input Level	+15 dBu
Input Impdance (microphone)	5.5 kOhm
Input Impedance (direct input)	2 MOhm
Noise (Rs = 0 Ohm)	-132 dB e.i.n.
Slew Rate	>40V/uS
CMRR (CMV = +10dBu)	85dB
Crosstalk	-130 dB
T.H.D.	+26dB, 100 kOhm - 0.0008%
Power Requirements	110/120/220/230/240VAC, 50/60 Hz, 44 Watts
Dimensions (W x D x H)	17.4"(442mm)x13.4 (341mm)x1.74"(44.2 mm)
Weight	6.6 kg

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