



Studio Products

audio-technica

Studio Products

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Studio Headphones

Online reviewers, top audio professionals and cult followers have long agreed that the ATH-M50x is an unmatched combination of audio and build quality, whether in the studio or on the go. That award-winning formula is at the heart of every one of our professional headphone designs: M-Series for closed-back monitor headphones, R-Series for open-back reference headphones and E-Series for In-Ear headphones. So whether you prefer tight-sealing, contoured earcups for excellent sound isolation, acoustically transparent housings for natural, open-back sound, or isolating yet inconspicuous in-ears for great sound and flexibility, there's a model perfectly suited for your discerning ears. Count on Audio-Technica Professional Headphones to deliver the accurate audio and outstanding comfort your work demands.

Studio Reference Headphone





- High-efficiency magnets and pure alloy magnetic circuit design reduce distortion and ensure accurate and extended high-frequency response
- Carbon composite resin improves structural rigidity to provide detailed transient response
- Acoustically transparent, aluminum honeycomb-mesh housings provide a natural and spacious open-back sound
- Breathable fabric earpads and improved wing support provide long-wearing comfort
- Feather-light weight (approx. 210g w/o cable) and robust construction make headphones perfectly suited for professional use
- Unique, dual-sided detachable locking cable is L/R signal independent, always ensuring proper stereo orientation.

Studio Reference Headphones



ATH-R70x

Professional Open-Back Reference Headphones

Audio-Technica's first pair of open-back reference professional headphones, the ATH-R70x features specially designed 45mm drivers and acoustically transparent housings for an accurate and natural open-back sound. Robust yet lightweight, with an improved 3D wing support system and a unique, dual-sided detachable cable that automatically maintains proper stereo orientation (no matter how it's attached), the R70x headphones are built for lasting comfort, convenience and audio purity.

Specifications

Frequency Response: 5 – 40,000Hz; **Max. Input Power:** 1,000mW at 1 kHz; **Sensitivity:** 99dB/mW; **Impedance:** 470 ohms; **Included Accessories:** dual-sided detachable locking cable; 6.3 mm (1/4") adapter; protective pouch.

Studio Monitor Headphones



Studio Monitor Headphones



ATH-M70x

Professional Monitor Headphones

- M-Series flagship model, tuned for extremely accurate reproduction and carefully crafted using key metal components for lasting durability
- Proprietary 45mm large-aperture drivers with rare-earth magnets and copper-clad aluminum wire voice coils
- Extended response accurately reproduces extreme low and high frequencies while maintaining perfect balance
- Circumaural design contours around the ears for excellent sound isolation in loud environments
- 90° swiveling earcups for easy, one-ear monitoring
- Professional-grade earpads and headband provide excellent durability and comfort and detach for easy replacement
- Perfect for studio mixing and tracking, mastering and audio forensics.

The ATH-M70x professional monitor headphones are tuned to accurately reproduce extreme low and high frequencies while maintaining perfect balance. They are ideal for studio mixing and tracking, mastering and audio forensics. Crafted for lasting durability with a collapsible, space-saving design, the headphones provide excellent sound isolation and are equipped with 90° swiveling earcups for easy, one-ear monitoring.

Specifications

Frequency Response: 5–40,000 Hz; **Max. Input Power:** 2,000mW at 1 kHz; **Sensitivity:** 97dB/mW; **Impedance:** 35 ohms; **Included Accessories:** 1.2m-3m coiled cable, 3m straight cable, 1m straight cable, 6.3mm (¼") adapter, protective case.

Professional Monitor Headphones



ATH-M60x

On-Ear Professional Monitor Headphones

Designed for studio, broadcast and mobile applications, the ATH-M60x on-ear professional monitor headphones utilize the same proprietary 45 mm large-aperture drivers found in the legendary ATH-M50x headphones, delivering exceptional clarity throughout an extended frequency range with accurate bass response.

- Low-profile, closed-back, on-ear design provides excellent isolation and fit
- Carefully crafted using key metal components for lasting durability
- Premium, memory foam earpads and headband allow headphones to be worn comfortably for hours on end

Specifications

Frequency Response: 15–28,000 Hz; **Max. Input Power:** 1,600mW at 1 kHz; **Sensitivity:** 102dB/mW; **Impedance:** 38 ohms; **Included Accessories:** 1.2 m-3 m coiled cable, 3 m straight cable, 1 m straight cable, 6.3 mm (1/4") adapter, protective case.



Studio Monitor Headphones



ATH-M50x

Professional Monitor Headphones - Black or White available

This is the most critically acclaimed model in the M-Series line, praised by top audio engineers and pro audio reviewers year after year. The ATH-M50x features the same coveted sonic signature, now with the added feature of a detachable cable. From the large aperture drivers, sound isolating earcups and robust construction, the M50x provides an unmatched experience for the most critical audio professionals.

- Proprietary 45mm large-aperture drivers with rare-earth magnets and copper-clad aluminum wire voice coils.

Specifications

Frequency Response: 15–28,000 Hz; **Max. Input Power:** 1,600mW at 1 kHz; **Sensitivity:** 99dB/mW; **Impedance:** 38 ohms; **Included Accessories:** 1.2m-3m coiled cable, 3m straight cable, 1m straight cable, 6.3mm (1/4") adapter, protective pouch.



Studio Monitor Headphones



ATH-M40x

Professional Monitor Headphones

The high-performance ATH-M40x professional headphones are tuned flat for incredibly accurate audio monitoring across an extended frequency range. Your studio experience is enhanced with superior sound isolation and swiveling earcups for convenient one-ear monitoring. Engineered with pro-grade materials and robust construction, the M40x excels in professional studio tracking and mixing, as well as DJ monitoring.

- Tuned flat for incredibly accurate sound monitoring across the entire frequency range.

Specifications

Frequency Response: 15–24,000 Hz; **Max. Input Power:** 1,600mW at 1 kHz; **Sensitivity:** 98dB/mW; **Impedance:** 38 ohms; **Included Accessories:** 1.2m-3m coiled cable, 3m straight cable, 6.3mm (1/4") adapter, protective pouch.



ATH-M30x

Professional Monitor Headphones

ATH-M30x professional monitor headphones combine modern engineering and high-quality materials to deliver a comfortable listening experience, with enhanced audio clarity and sound isolation. Tuned for highly detailed audio, with strong mid-range definition, these versatile monitoring headphones are ideal in a variety of situations.

- 40mm drivers with rare earth magnets and copper-clad aluminum wire voice coils.

Specifications

Frequency Response: 15–22,000 Hz; **Sensitivity:** 96dB/mW; **Impedance:** 47 ohms; **Included Accessories:** 6.3mm (1/4") adapter, protective pouch.



ATH-M20x Professional Monitor Headphones



The ATH-M20x professional monitor headphones are a great introduction to the critically acclaimed M-Series line. Modern design and high-quality materials combine to deliver a comfortable listening experience, with enhanced audio and effective isolation. An excellent choice for tracking and mixing.

- Tuned for enhanced low-frequency performance.

Specifications

Frequency Response: 15–20,000 Hz; **Sensitivity:** 96dB/mW;
Impedance: 47 ohms; **Included Accessories:** 6.3mm (1/4") adapter.



In-Ear Monitor Headphones



ATH-E70

In-Ear Monitor Headphones

The flagship E-Series model, the ATH-E70 In-Ear monitor headphones deliver precise, detailed audio, making them the perfect choice for monitoring on stage and mixing in the studio. Specially designed housings provide maximum isolation, while the flexible memory cable loops over ears for a custom fit.

- Three balanced armature drivers provide accurate and extended response across the entire frequency range.

Specifications

Frequency Response: 20–19,000 Hz; **Sensitivity:** 109dB/mW;

Impedance: 39 ohms; **Included Accessories:** carrying case, 6.3mm (1/4") adapter, silicone eartips (XS/S/M/L), Comply™ foam eartips (M).

In-Ear Monitor Headphones



ATH-E50

In-Ear Monitor Headphones

With powerful single balanced armature drivers, the ATH-E50 In-Ear monitor headphones offer an accurate full-range response for consistent reference in any environment. Specially designed housings provide maximum isolation, while the flexible memory cable loops over ears for a custom fit.

- Powerful single balanced armature drivers provide an accurate full-range response.

Specifications

Frequency Response: 20–18,000 Hz; **Sensitivity:** 107dB/mW;
Impedance: 44 ohms; **Included Accessories:** carrying case, silicone eartips (XS/S/M/L), 6.3mm (1/4") adapter.



ATH-E40

In-Ear Monitor Headphones

With proprietary dual phase push-pull drivers to control unwanted modulation, the ATH-E40 In-Ear monitor headphones offer exceptional accuracy and clarity. Specially designed housings provide maximum isolation, while the flexible memory cable loops over ears for a custom fit.

- Proprietary dual phase push-pull drivers excel in monitoring applications by providing exceptional accuracy and clarity.

Specifications

Frequency Response: 20–20,000 Hz; **Sensitivity:** 107dB/mW;
Impedance: 12 ohms; **Included Accessories:** carrying case, silicone eartips (XS/S/M/L), 6.3mm (1/4") adapter.

Studio Microphones

The release of the AT4033 side-address condenser in 1991 with its revolutionary price-point, ushered in a new era of studio recording microphones. Since then Audio-Technica has continued to craft and refine the many professional studio microphones in its 50 Series, 40 Series and 20 Series, ensuring that there's a dependable, high-performance microphone for every application and every budget.





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Bottom of Microphone



cardioid

AT5047

Cardioid Condenser Microphone

- Exceptionally wide dynamic range (142dB) captures the full, expressive character of instruments and voices—from the caress of drum brushes to powerful vocal performances
- Four rectangular diaphragms (2 micron) function together to provide a combined surface area twice that of a standard one-inch circular diaphragm
- Discrete components carefully selected and optimized for maximum performance and compatibility with standalone microphone preamps and console inputs
- Transformer-coupled output provides smooth sonic character.

Specifications

Frequency Response: 20–20,000 Hz; **Open Circuit Sensitivity:** –29 dB (35.5 mV), re 1V at 1 Pa; **Max. Input Power:** 148 dB SPL, 1 kHz at 1% T.H.D.; **Noise:** 6 dB SPL; **Dynamic Range:** 142 dB, 1 kHz at Max SPL; **Signal-to-Noise Ratio:** 88 dB, 1 kHz at 1 Pa; **Included Accessories:** AT8480 shock mount for 5/8"-27 threaded stands; protective carrying case.





Bottom of Microphone



cardioid

AT5040

Cardioid Condenser Microphone

- Cutting-edge engineering and robust construction
- Audio-Technica's premier studio condenser vocal microphone
- Extremely musical high-fidelity performance, with profound realism and depth, presence and purity of sound
- Four rectangular diaphragms (2 micron) function together as Audio-Technica's largest-ever element, providing combined surface area twice that of a standard one-inch circular diaphragm
- Exceptionally low noise and wide dynamic range ideal for studio vocals
- Discrete components carefully selected for optimized capsule performance.

Specifications

Frequency Response: 20–20,000 Hz; **Open Circuit Sensitivity:** –25 dB (56.2 mV), re 1V at 1 Pa; **Max. Input Power:** 142 dB SPL, 1 kHz at 1% T.H.D.; **Noise:** 5 dB SPL; **Dynamic Range:** 137 dB, 1 kHz at Max SPL; **Signal-to-Noise Ratio:** 89 dB, 1 kHz at 1 Pa; **Included Accessories:** AT8480 shock mount for 5/8"-27 threaded stands; protective carrying case.



Included AT8481 Isolation Clamp



Optional AT8482 Shock Mount



AT5045

Cardioid Condenser Microphone

AT5045P

Cardioid Condenser Microphones (pair of AT5045 mics)



cardioid

- Audio-Technica's premier studio condenser instrument microphone
- Pure, realistic sound quality for overheads, percussion, acoustic guitar, strings and other acoustic instruments
- Side-address, stick-design microphone with more diaphragm surface area than most traditional large diaphragm side-address microphones.

Specifications

Frequency Response: 20–20,000 Hz; **Open Circuit Sensitivity:** –35 dB (17.7 mV), re 1V at 1 Pa; **Max. Input Power:** 149 dB SPL, 1 kHz at 1% T.H.D.; **Noise:** 8 dB SPL; **Dynamic Range:** 141 dB, 1 kHz at Max SPL; **Signal-to-Noise Ratio:** 86 dB, 1 kHz at 1 Pa; **Included Accessories:** AT8481 isolation clamp for 5/8"-27 threaded stands; AT8165 windscreen; protective carrying case (AT5045P includes two microphones, two isolation clamps and two windscreens).



AT4080

Phantom-powered Bidirectional Ribbon Microphone



- Smooth, warm and natural high-fidelity sound for professional recording, broadcast and sound reinforcement
- Proprietary MicroLinear™ ribbon imprint for superior durability
- Innovative dual ribbon construction for increased sensitivity
- Extremely powerful N50 rare earth magnets for high output level
- Classic bidirectional (figure-of-eight) polar pattern picks up sounds equally from the front and back of the element
- High-SPL capability and extended frequency response
- Extended frequency response for natural audio reproduction
- Handmade production – including ribbon corrugation, imprint and assembly.

Specifications

Frequency Response: 20–18,000 Hz; **Open Circuit Sensitivity:** –39 dB (11.2 mV), re 1V at 1 Pa; **Max. Input Power:** 150 dB SPL, 1 kHz at 1% T.H.D.; **Noise:** 22 dB SPL; **Dynamic Range:** 128 dB, 1 kHz at Max SPL; **Signal-to-Noise Ratio:** 72 dB, 1 kHz at 1 Pa; **Included Accessories:** AT8449a/SV shock mount, dust cover, case.



AT4081

Phantom-powered Bidirectional Ribbon Microphone



- Low-profile stick design maximizes placement options
- Smooth, warm and natural sound tuned for instrument reproduction
- Proprietary MicroLinear™ ribbon imprint for superior durability
- Innovative dual ribbon construction for increased sensitivity
- Extremely powerful N50 rare earth magnets for high output level
- High-SPL capability and extended frequency response
- Handmade production – including ribbon corrugation, imprint and assembly
- Classic bidirectional (figure-of-eight) polar pattern picks up sounds equally from the front and back of the element.

Specifications

Frequency Response: 30–18,000 Hz; **Open Circuit Sensitivity:** –42 dB (7.9 mV), re 1V at 1 Pa; **Max. Input Power:** 150 dB SPL, 1 kHz at 1% T.H.D.; **Noise:** 25 dB SPL; **Dynamic Range:** 125 dB, 1 kHz at Max SPL; **Signal-to-Noise Ratio:** 69 dB, 1 kHz at 1 Pa; **Included Accessories:** AT8471 isolation mount, threaded adapter, windscreen, case.





AT4060a

Cardioid Condenser Tube Microphone



cardioid

- Vintage tube sound with the versatile performance necessary for the most demanding studio applications
- Wide dynamic range, low self-noise and high max SPL capability
- The 2-micron-thick, vapor-deposited gold diaphragms undergo a five-step aging process so that the optimum characteristics achieved remain constant over years of use
- Dual-diaphragm capsule design maintains precise polar pattern definition across the full frequency range of the microphone.

Specifications

Frequency Response: 20–20,000 Hz; **Open Circuit Sensitivity:** –34 dB (19.9 mV), re 1V at 1 Pa; **Max. Input Power:** 150 dB SPL, 1 kHz at 1% T.H.D; **Noise:** 19 dB SPL; **Dynamic Range:** 131 dB, 1 kHz at Max SPL; **Signal-to-Noise Ratio:** 75 dB, 1 kHz at 1 Pa; **Included Accessories:** AT8560a power supply, rack-mount adapters, AT8447 shock mount, 25' cable with 6-pin XLR-type connectors, AC power cable, case.



AT4050ST

Stereo Condenser Microphone



stereo

- Innovative side-address Mid-Side stereo microphone engineered for professional recording, broadcast and sound reinforcement
- Independent cardioid and figure-of-eight condenser elements
- Switch selection of Mid-Side mode and two internally matrixed stereo modes
- Dual-diaphragm capsules maintain precise polar pattern definition across the full frequency range of the microphone
- Transformerless circuitry virtually eliminates low-frequency distortion and provides superior correlation of high-speed transients.

Specifications

Frequency Response: 20–18,000 Hz; **Open Circuit Sensitivity:** M&S –36 dB (15.8 mV), re 1V at 1 Pa; **Max. Input Power:** M&S 149 dB SPL, 1 kHz at 1% T.H.D.; **Noise:** M: 15 dB SPL – S: 17 dB SPL; **Dynamic Range:** M: 134 dB – S: 132 dB, 1 kHz at Max SPL; **Signal-to-Noise Ratio:** M: 79 dB – S: 77 dB, 1 kHz at 1 Pa; **Included Accessories:** AT8449a shock mount, dust cover, case.





AT4050

Multi-pattern Condenser microphone



omni



figure-of-eight



cardioid

- Transparent uppers/mids balanced by rich low-end qualities combine with advanced acoustic engineering for extensive performance capabilities and highest quality
- Dual-diaphragm capsule design maintains precise polar pattern definition across the full frequency range of the microphone
- The 2-micron-thick, vapor-deposited gold diaphragms undergo a five-step aging process so that the optimum characteristics achieved remain constant over years of use
- Three switchable polar patterns: omni, cardioid, figure-of-eight.

Specifications

Frequency Response: 20–18,000 Hz; **Open Circuit Sensitivity:** –36 dB (15.8 mV), re 1V at 1 Pa; **Max. Input Power:** 149 dB SPL, 1 kHz at 1% T.H.D.; **Noise:** 17 dB SPL; **Dynamic Range:** 132 dB, 1 kHz at Max SPL; **Signal-to-Noise Ratio:** 77 dB, 1 kHz at 1 Pa; **Included Accessories:** AT8449a shock mount, dust cover, case.



AT4047MP

Multi-pattern Condenser Microphone



- Three switchable polar patterns: cardioid, omnidirectional, figure-of-eight
- Engineered to meet the critical acoustic requirements of professional recording, broadcast and sound reinforcement
- Transformer-coupled output and specially tuned element provide sonic characteristics reminiscent of early F.E.T. studio microphone designs
- Exceptionally low self-noise, wide dynamic range and high SPL capability
- Dual-diaphragm capsule design maintains precise polar pattern definition across the full frequency range of the microphone.

Specifications

Frequency Response: 20–18,000 Hz; **Open Circuit Sensitivity:** –42 dB (7.9 mV), re 1V at 1 Pa; **Max. Input Power:** 155 dB SPL, 1 kHz at 1% T.H.D.; **Noise:** 14 dB SPL; **Dynamic Range:** 141 dB, 1 kHz at Max SPL; **Signal-to-Noise Ratio:** 80 dB, 1 kHz at 1 Pa; **Included Accessories:** AT8449a/SV shock mount, dust cover, case.





AT4047/SV
Cardioid Condenser Microphone



- Designed for critical studio, live sound and broadcast applications
- Transformer-coupled output and specially-tuned element provide sonic characteristics reminiscent of early F.E.T. studio microphone designs
- Exceptionally low self-noise, wide dynamic range and high SPL capability
- Dual-diaphragm capsule design maintains precise polar pattern definition across the full frequency range of the microphone
- Precision-machined, nickel-plated brass, acoustic element baffle provides enhanced element stability and optimal sensitivity
- Vintage silver-matte finish on microphone and shock mount.

Specifications

Frequency Response: 20–18,000 Hz; **Open Circuit Sensitivity:** –35 dB (17.7 mV), re 1V at 1 Pa; **Max. Input Power:** 149 dB SPL, 1 kHz at 1% T.H.D.; **Noise:** 9 dB SPL; **Dynamic Range:** 140 dB, 1 kHz at Max SPL; **Signal-to-Noise Ratio:** 85 dB, 1 kHz at 1 Pa; **Included Accessories:** AT8449a/SV shock mount, dust cover, case.



AT4033a

Cardioid Condenser Microphone



cardioid

- Transformerless circuitry virtually eliminates low-frequency distortion and provides superior correlation of high-speed transients
- Precision-machined, nickel-plated brass, acoustic element baffle provides enhanced element stability and optimal sensitivity
- The 2-micron-thick, vapor-deposited gold diaphragm undergoes a five-step aging process so that the optimum characteristics achieved remain constant over years of use
- Floating-construction capsule assembly provides isolation from noise and vibration.

Specifications

Frequency Response: 30–20,000 Hz; **Open Circuit Sensitivity:** –32 dB (25.1 mV), re 1V at 1 Pa; **Max. Input Power:** 145 dB SPL, 1 kHz at 1% T.H.D.; **Noise:** 17 dB SPL; **Dynamic Range:** 128 dB, 1 kHz at Max SPL; **Signal-to-Noise Ratio:** 77 dB, 1 kHz at 1 Pa; **Included Accessories:** AT8449a shock mount, dust cover, case.





AT4040
Cardioid Condenser Microphone



- Technically-advanced large diaphragm tensioned specifically to provide smooth, natural sonic characteristics
- Externally polarized (DC bias) true condenser design
- Exceptionally low noise, wide dynamic range and high-SPL capability for greatest versatility
- Transformerless circuitry virtually eliminates low-frequency distortion and provides superior correlation of high-speed transients
- Precision-machined, nickel-plated brass, acoustic element baffle provides enhanced element stability and optimal sensitivity.

Specifications

Frequency Response: 20–20,000 Hz; **Open Circuit Sensitivity:** –32 dB (25.1 mV), re 1V at 1 Pa; **Max. Input Power:** 145 dB SPL, 1 kHz at 1% T.H.D.; **Noise:** 12 dB SPL; **Dynamic Range:** 133 dB, 1 kHz at Max SPL; **Signal-to-Noise Ratio:** 82 dB, 1 kHz at 1 Pa; **Included Accessories:** AT8449a shock mount, dust cover, case.



AT4053b
Hypercardioid Condenser Microphone



hypercardioid



AT4051b
Cardioid Condenser Microphone



cardioid

Ideal for professional recording and critical broadcast applications, these condenser microphones consist of the AT4900b-48 body with either the AT4053b-EL hypercardioid element, the AT4051b-EL cardioid element or the AT4049b-EL omnidirectional element. Each microphone features a switchable 80Hz high-pass filter.



AT4049b
Omnidirectional Condenser Microphone



omni

Specifications

Frequency Response: 20–20,000 Hz; **Open Circuit Sensitivity:** –34 dB (19.9 mV), re 1V at 1 Pa; **Max. Input Sound Level:** 145 dB SPL, 1 kHz at 1% T.H.D.; **Noise:** 16 dB SPL; **Dynamic Range:** 129 dB, 1 kHz at Max SPL; **Signal-to-Noise Ratio:** 78 dB, 1 kHz at 1 Pa; **Included Accessories:** AT8405a stand clamp, AT8159 windscreen, carrying case.



AT4041

Cardioid Condenser Microphone



cardioid

- Smooth, extended frequency response with a slight rise occurring in the high-frequency region
- Ideal for drum overheads, acoustic guitar, piano, horns and under snare
- Low-mass diaphragm improves transient response, increases response bandwidth and reduces handling and mechanical noise transfer
- Transformerless circuitry virtually eliminates low-frequency distortion and provides superior correlation of high-speed transients
- State-of-the-art design and manufacturing techniques ensure compliance with Audio-Technica's stringent consistency and reliability standards.

Specifications

Frequency Response: 20–20,000 Hz; **Open Circuit Sensitivity:** –36 dB (19.9 mV), re 1V at 1 Pa; **Max. Input Power:** 146 dB SPL, 1 kHz at 1% T.H.D.; **Noise:** 13 dB SPL; **Dynamic Range:** 133 dB, 1 kHz at Max SPL; **Signal-to-Noise Ratio:** 81 dB, 1 kHz at 1 Pa; **Included Accessories:** AT8405a stand clamp for 5/8" -27 threaded stands; AT8159 windscreen; protective carrying case.



AT4022

Omnidirectional Condenser Microphone

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

Specifications

Frequency Response: 20–20,000 Hz; **Open Circuit Sensitivity:** –34 dB (19.9 mV), re 1V at 1 Pa; **Max. Input Power:** 146 dB SPL, 1 kHz at 1% T.H.D.; **Noise:** 13 dB SPL; **Dynamic Range:** 133 dB, 1 kHz at Max SPL; **Signal-to-Noise Ratio:** 81 dB, 1 kHz at 1 Pa; **Included Accessories:** AT8405a stand clamp for 5/8"-27 threaded stands; windscreen; protective carrying case.



AT4021

Cardioid Condenser Microphone

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

Specifications

Frequency Response: 20–20,000 Hz; **Open Circuit Sensitivity:** –34 dB (19.9 mV), re 1V at 1 Pa; **Max. Input Power:** 146 dB SPL, 1 kHz at 1% T.H.D.; **Noise:** 14 dB SPL; **Dynamic Range:** 132 dB, 1 kHz at Max SPL; **Signal-to-Noise Ratio:** 80 dB, 1 kHz at 1 Pa; **Included Accessories:** AT8405a stand clamp for 5/8"-27 threaded stands; windscreen; protective carrying case.



AT2050

Multi-pattern Condenser Microphone



omni



figure-of-eight



cardioid

top applications: **vocals, group vocals, piano**

- Three switchable polar patterns: omni, cardioid, figure-of-eight
- Switchable 80Hz high-pass filter and 10dB pad
- Large diaphragm for smooth, natural sound and low noise
- State-of-the-art surface-mount electronics ensure compliance with Audio-Technica's stringent consistency and reliability standards.

Specifications

Frequency Response: 20–20,000 Hz; **Open Circuit Sensitivity:** –42 dB (7.9 mV), re 1V at 1 Pa; **Max. Input Power:** 149 dB SPL, 1 kHz at 1% T.H.D.; **Signal-to-Noise Ratio:** 77 dB, 1 kHz at 1 Pa; **Included Accessories:** AT8458 shock mount for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch.

**AT2035**

Cardioid Condenser Microphone



cardioid

top applications: **vocals, overheads, guitar cabinets, podcasting**

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

Specifications

Frequency Response: 20–20,000 Hz; **Open Circuit Sensitivity:** –33 dB (22.4 mV), re 1V at 1 Pa; **Max. Input Power:** 148 dB SPL, 1 kHz at 1% T.H.D.; **Signal-to-Noise Ratio:** 82 dB, 1 kHz at 1 Pa; **Included Accessories:** AT8458 shock mount for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch.



Studio Microphones | 20 Series



cardioid

AT2020

Cardioid Condenser Microphone

top applications: **vocals, overheads, acoustic instruments, podcasting**

- 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.

Specifications

Frequency Response: 20–20,000 Hz; **Open Circuit Sensitivity:** –37 dB (14.1 mV), re 1V at 1 Pa; **Max. Input Power:** 144 dB SPL, 1 kHz at 1% T.H.D.; **Signal-to-Noise Ratio:** 74 dB, 1 kHz at 1 Pa; **Included Accessories:** Stand mount for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch.



cardioid

AT2031

Cardioid Condenser End Address Microphone

top applications: **stringed instruments**

- Outstanding performance and rugged construction
- High SPL handling and wide dynamic range
- Smooth, extended frequency response
- Switchable 150Hz 6dB/oct hi-pass filter
- Low self-noise perfectly suited for digital recording equipment
- Ideal for stringed instruments.

Specifications

Frequency Response: 20–20,000 Hz; **Open Circuit Sensitivity:** –34 dB (19.9 mV), re 1V at 1 Pa; **Max. Input Power:** 141 dB SPL, 1 kHz at 1% T.H.D.; **Signal-to-Noise Ratio:** 77 dB, 1 kHz at 1 Pa; **Included Accessories:** Stand clamp; windscreen; soft protective pouch.

**AT2022**

X/Y Stereo Microphone

top applications: **general stereo recording, field sound capture**

- X/Y stereo microphone with unique pivoting electret condenser capsules for ultimate flexibility
- Provides the spatial impact and realism of a live sound field
- Battery operation allows use with most recording devices
- Switchable low-frequency roll-off minimizes pickup of unwanted low-frequency noise
- User-selectable 90° or 120° stereo operation for narrow or wide pickup patterns.

Specifications

Frequency Response: 20–20,000 Hz; **Open Circuit Sensitivity:** –41 dB (8.9 mV), re 1V at 1 Pa; **Max. Input Power:** 122 dB SPL, 1 kHz at 1% T.H.D.; **Signal-to-Noise Ratio:** 75 dB, 1 kHz at 1 Pa; **Included Accessories:** AT8405a stand clamp for 5/8" -27 threaded stands; fuzzy windscreen; battery; soft protective pouch.

USB Microphones



Made for
iPod iPhone iPad



AT2020USBi

USB Cardioid Condenser Microphone



cardioid

top applications: **voiceovers, podcasting, home studio recording**

- Condenser microphone with digital output for convenient, high-resolution recording
- High-quality A/D converter with 24-bit/96kHz sampling rate for superb, high-resolution audio
- Compatible with Windows 7 and above, Mac OS 10.6 and above, and iOS 7.02 and above (requires Lightning connector).

Specifications

Frequency Response: 20–20,000 Hz; **Bit Depth:** 24 bit; **Sample Rate:** 96 kHz; **Included Accessories:** pivoting stand mount for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch; tripod desk stand; 1.5m USB cable, 1.5m Lightning cable.



AT2020USB+

USB Cardioid Condenser Microphone



cardioid

top applications: **voiceovers, podcasting, home studio recording**

- Condenser microphone with USB output for digital recording
- High quality A/D converter with 16-bit, 44.1/48kHz sampling rate for superb audio
- Headphone jack with volume control allows you to monitor the microphone signal with no delay
- Mix control allows you to blend your mic signal and pre-recorded audio.

Specifications

Frequency Response: 20–20,000 Hz; **Bit Depth:** 16 bit; **Sample Rate:** 44.1/48 kHz; **Included Accessories:** pivoting stand mount for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; soft protective pouch; tripod desk stand; 3.1m USB cable.



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