



EXPERIENCE MORE.: 40 SERIES .:



You spoke. We listened. And added four remarkable microphones to our flagship 40 Series. Introducing the silky smooth, classic sound of Audio-Technica's first-ever ribbon microphones, the **AT4080** and **AT4081**; the vintage sound of the new multi-pattern **AT4047MP** condenser; and the Mid-Side stereo realism of the innovative **AT4050ST** condenser. Wherever your passion for music takes you, experience more inspired sound.

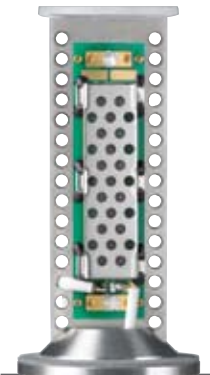
 **audio-technica**
always listening



AT4080

Bidirectional Active Ribbon Microphone

Smooth, rich sound & active electronics in a durable side-address design



With 18 patents pending, Audio-Technica's innovative ribbon transducer advances the evolution of ribbon microphone design, combining extraordinary durability and high SPL capability with smooth, rich audio quality. Audio-Technica's proprietary MicroLinear™ ribbon imprint protects the ribbons from lateral flexing and distortion. Use this breakthrough microphone in recording studios and live-sound settings for vocals, horns, strings, acoustic instruments, drum overheads, orchestras, ensembles and guitar cabinets.

- Smooth, warm and natural high-fidelity sound for professional recording, broadcast and sound reinforcement
- Groundbreaking Audio-Technica ribbon design with 18 patents pending
- Proprietary MicroLinear™ ribbon imprint for superior durability
- Innovative dual ribbon construction for increased sensitivity
- Extremely powerful N50 neodymium magnets for high output level
- Ultra-fine mesh helps protect against ribbon damage
- Handmade production – including ribbon corrugation, imprint and assembly
- Phantom-powered active electronics provide stable impedance and higher output for maximum compatibility with mic preamplifiers



AT4081

Bidirectional Active Ribbon Microphone

Classic ribbon sound & active electronics in a low-profile instrument mic



Delivering the warmth and natural sound of a classic ribbon microphone, the AT4081 offers a robust build for long-lasting performance and higher output for maximum compatibility with microphone preamplifiers. With its low-profile stick design, this microphone is a natural for use on a wide range of instruments (horns, strings, drum overheads, orchestras and more) and guitar cabinets in recording studios and live-sound settings.

- Low-profile stick design maximizes placement options
- Smooth, warm and natural sound tuned for instrument reproduction
- Audio-Technica ribbon design with 18 patents pending including proprietary MicroLinear™ ribbon imprint for superior durability
- Innovative dual ribbon construction for increased sensitivity
- Extremely powerful N50 neodymium magnets for high output level
- Superfine mesh guards against ribbon damage
- Handmade production – including ribbon corrugation, imprint and assembly
- Phantom-powered active electronics provide stable impedance and higher output for maximum compatibility with mic preamplifiers



AT4047MP

Multi-Pattern Condenser Microphone

Vintage sound with selectable pickup patterns



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

- Three switchable polar patterns: omnidirectional, cardioid, 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
- Custom shock mount provides superior isolation
- Integral 80 Hz high-pass filter switch and 10 dB pad switch



AT4050ST

Stereo Condenser Microphone

Mid-Side stereo condenser with selectable matrixing



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

- 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
- Custom shock mount provides superior isolation
- Integral 80 Hz high-pass filter switch and 10 dB pad switch

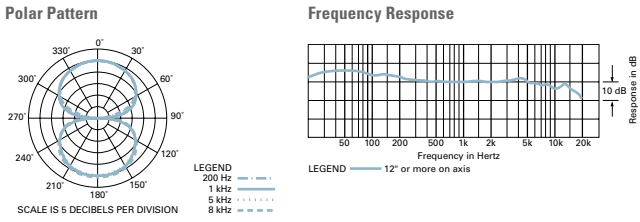


AT4080

Bidirectional Active Ribbon Microphone

Specifications

Element Ribbon | **Polar pattern** Figure-of-eight | **Frequency response** 20-18,000 Hz
Impedance 100 ohms | **Open circuit sensitivity** -39 dB (11.2 mV) re 1V at 1 Pa*
Maximum input sound level 150 dB SPL, 1 kHz at 1% T.H.D. | **Noise**¹ 22 dB SPL
Dynamic range (typical) 128 dB, 1 kHz at Max SPL | **Signal-to-noise ratio**¹ 72 dB, 1 kHz at 1 Pa*
Phantom power requirements 48V DC, 3.0 mA typical | **Weight** 474 g (16.7 oz)
Dimensions 177.5 mm (6.99") long, 53.4 mm (2.10") maximum body diameter
Output connector Integral 3-pin XLRM-type
Accessories furnished AT8449/SV shock mount for 5/8"-27 threaded stands; microphone dust cover; protective carrying case

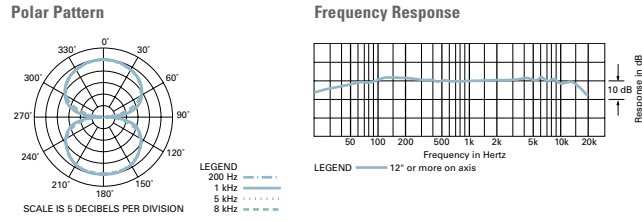


AT4081

Bidirectional Active Ribbon Microphone

Specifications

Element Ribbon | **Polar pattern** Figure-of-eight | **Frequency response** 30-18,000 Hz
Impedance 100 ohms | **Open circuit sensitivity** -42 dB (7.9 mV) re 1V at 1 Pa*
Maximum input sound level 150 dB SPL, 1 kHz at 1% T.H.D. | **Noise**¹ 25 dB SPL
Dynamic range (typical) 125 dB, 1 kHz at Max SPL | **Signal-to-noise ratio**¹ 69 dB, 1 kHz at 1 Pa*
Phantom power requirements 48V DC, 3.0 mA typical | **Weight** 152 g (5.4 oz)
Dimensions 155.0 mm (6.10") long, 21.0 mm (0.83") maximum body diameter
Output connector Integral 3-pin XLRM-type
Accessories furnished AT8471 isolation clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; windscreen; protective carrying case

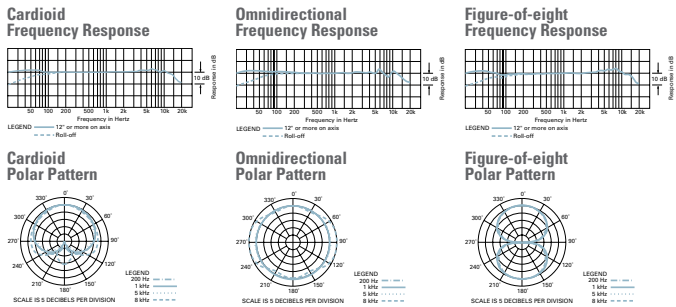


AT4047MP

Multi-Pattern Condenser Microphone

Specifications

Element Externally polarized (DC bias) condenser
Polar patterns Cardioid, Omnidirectional, Figure-of-eight | **Frequency response** 20-18,000 Hz
Low frequency roll-off 80 Hz, 12 dB/octave | **Impedance** 100 ohms
Open circuit sensitivity -42 dB (7.9 mV), re 1V at 1 Pa*
Maximum input sound level 155 dB SPL, 1 kHz at 1% T.H.D.; 165 dB SPL, with 10 dB pad (nominal)
Noise¹ 14 dB SPL | **Dynamic range (typical)** 141 dB, 1 kHz at Max SPL
Signal-to-noise ratio¹ 80 dB, 1 kHz at 1 Pa* | **Phantom power requirements** 48V DC, 3.4 mA typical
Switches Polar selection; Flat, roll-off; 10 dB pad (nominal) | **Weight** 524 g (18.5 oz)
Dimensions 188.0 mm (7.40") long, 53.4 mm (2.10") maximum body diameter
Output connector Integral 3-pin XLRM-type
Accessories furnished AT8449/SV shock mount for 5/8"-27 threaded stands; microphone dust cover; protective carrying case

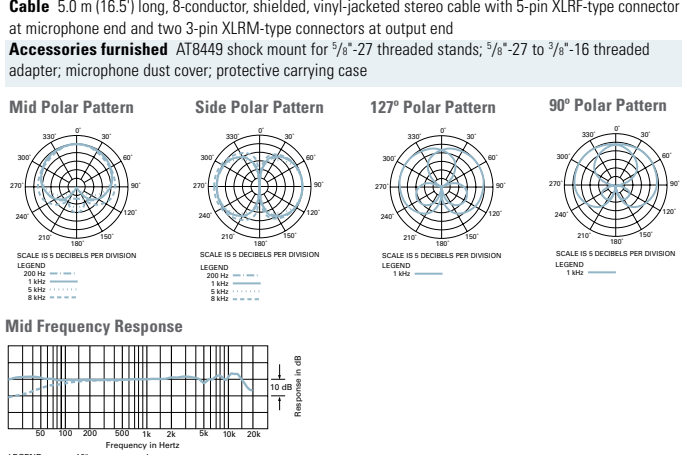


AT4050ST

Stereo Condenser Microphone

Specifications

Elements Externally polarized (DC bias) condenser | **Polar patterns** Cardioid, Figure-of-eight
Frequency response 20-18,000 Hz | **Low frequency roll-off** 80 Hz, 12 dB/octave
Open circuit sensitivity Stereo 90°/Stereo 127°/Mid/Side: -42 dB (7.9 mV)/-41 dB (8.9 mV)/-36 dB (15.8 mV)/-36 dB (15.8 mV), re 1V at 1 Pa*
Maximum input sound level Mid & Side: 149 dB SPL, 1 kHz at 1% T.H.D.; 159 dB SPL, with 10 dB pad (nominal)
Noise¹ Stereo 90°/Stereo 127°/Mid/Side: 25 dB/16 dB/15 dB/17 dB SPL
Dynamic range (typical) Mid/Side: 134 dB/132 dB, 1 kHz at Max SPL
Signal-to-noise ratio¹ Stereo 90°/Stereo 127°/Mid/Side: 69 dB/78 dB/79 dB/77 dB, 1 kHz at 1 Pa*
Impedance 50 ohms | **Phantom power requirements** 48V DC, 6.4 mA typical (both channels total)
Switches 90°, 127°, M-S; Flat, roll-off; 10 dB pad (nominal) | **Weight** 517 g (18.2 oz)
Dimensions 193.0 mm (7.60") long, 53.4 mm (2.10") maximum body diameter
Output connector Integral 5-pin XLRM-type



Specifications are subject to change without notice.
 *1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL
 † Typical, A-weighted, using Audio Precision System One.