



AT4050ST

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Stereo Condenser Microphone

- 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
- The 2-micron-thick, vapor-deposited gold diaphragms undergo a five-step aging process so that the optimum characteristics remain constant over years of use
- Open acoustical environment of the symmetrical housing assembly minimizes unwanted internal reflections
- Custom shock mount provides superior isolation
- Integral 80 Hz high-pass filter switch and 10 dB pad switch
- State-of-the-art design and manufacturing techniques ensure compliance with Audio-Technica's stringent consistency and reliability standards

Packaging localised in English, French, Spanish, German, Italian and Portuguese.

RRP ex VAT **1190,00 €**

RRP inc. VAT **1190,00 £**

Specifications*:

Element	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°: -42 dB (7.9 mV), re 1V at 1 Pa Stereo, 127°: -41 dB (8.9 mV), re 1V at 1 Pa Mid: -36 dB (15.8 mV), re 1V at 1 Pa Side: -36 dB (15.8 mV), re 1V at 1 Pa
Impedance	50 ohms
Maximum input sound level	149 dB SPL, 1 kHz at 1% T.H.D.; 159 dB SPL, with 10 dB pad (nominal)
Noise	Stereo, 90°: 25 dB SPL; Stereo, 127°: 16 dB SPL; Mid: 15 dB SPL; Side: 17 dB SPL
Dynamic range (typical)	Mid: 134 dB, 1 kHz at Max SPL Side: 132 dB, 1 kHz at Max SPL
Signal-to-noise ratio	Stereo, 90°: 69 dB, 1 kHz at 1 Pa Stereo, 127°: 78 dB, 1 kHz at 1 Pa Mid: 79 dB, 1 kHz at 1 Pa Side: 77 dB, 1 kHz at 1 Pa
Phantom power requirements	48V DC, 6.4 mA typical – both channels total
Switches	90°, 127°, M-S; Flat, roll-off; 10 dB pad (nominal)
Weight	517 g (18.2 oz)
Dimensions	193.0 mm long, 53.4 mm maximum body diameter
Output connector	Integral 5-pin XLRM-type
Cable	5.0 m long, 8 conductor, shielded, vinyl-jacketed stereo cable with 5-pin XLRF-type connector at microphone end and two 3-pin XLRM-type connectors at output end
Audio-Technica case style	R1
Accessories furnished	AT8449 shock mount for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; microphone dust cover; protective carrying case

* Specifications are subject to change without notice.

 **audio-technica**
always listening

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