



AT8024

Stereo/Mono Camera-Mount Condenser Microphone



With its lightweight yet feature-rich design, Audio-Technica's Stereo/Mono Camera-Mount Microphone offers a simple, powerful solution for capturing high-resolution audio for video. The microphone's selectable line-cardioid mono and internally matrixed mid-side stereo modes provide the flexibility for recording highly focused or wide, lifelike sound. A three-position adjustable input pad (-20 dB, -10 dB, 0 dB) accommodates even the loudest sound sources without distortion, while a switchable low-frequency roll-off helps reduce the pickup of undesired noise. The microphone features an integral camera shoe mount that attaches quickly to DSLRs and shoe-equipped camcorders.

AT8024 Stereo/Mono Camera-Mount Condenser Microphone



foam windscreen



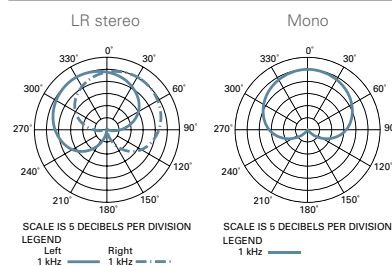
fuzzy windscreen

- Designed for use with DSLR and other video cameras, delivering dramatically better sound quality than the camera's internal microphone
- Selectable line-cardioid mono or mid-side stereo modes provide the flexibility to capture high-resolution audio in any environment
- Handles loud sound sources without distortion
- Three-position adjustable input pad and switchable low-frequency roll-off
- Integral rubber shock mounts isolate the microphone from vibration and mechanical camera noise
- Compact, lightweight design with integral shoe mount
- Red/green LED power indicator
- Powered by a single AA battery for optimal performance with high max SPL
- Includes windscreen and fuzzy windscreen

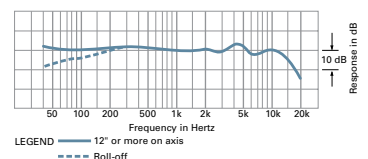
Specifications

Elements	Fixed-charge back plate, permanently polarized condenser
Polar patterns	Line-cardioid, LR stereo
Frequency response	40-15,000 Hz
Low frequency roll-off	80 Hz, 12 dB/octave
Open circuit sensitivity (Mono & LR Stereo)	-37 dB (14.1 mV) re 1V at 1 Pa
Impedance	50 ohms
Maximum input sound level (Mono & LR Stereo)	128 dB SPL, 1 kHz at 1% T.H.D.; 148 dB SPL, with 20 dB pad
Dynamic range (typical)	Mono: 106 dB, 1 kHz at Max SPL; Stereo: 104 dB, 1 kHz at Max SPL
Signal-to-noise ratio ¹	Mono: 72 dB, 1 kHz at 1 Pa; Stereo: 70 dB, 1 kHz at 1 Pa
Battery (included)	Type: One 1.5V AA; Life: 100 hours typical
Switches	Mono, M-S Stereo; Three-position input pad; Flat, roll-off
Weight	114 g (4.0 oz)
Dimensions	172.0 mm (6.77") long, 24.0 mm (0.94") maximum body diameter
Output connector	3.5 mm stereo mini-plug on cable
Cable	Permanently attached 0.2 m-1 m (7.8"-39.3") coiled cable with right-angle molded 3.5 mm stereo mini-plug at output end
Accessories furnished	Windscreen; Fuzzy windscreen

Polar Patterns



Frequency Response: 40–15,000 Hz



LEGEND ——— 12° or more on axis
 - - - - - Roll-off

In the interest of standards development, A.T.U.S. offers full details on its test methods to other industry professionals on request.

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



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