AT2021 *SMALL-DIAPHRAGM CARDIOID CONDENSER MICROPHONE*

20 SERIES

- Ideal for acoustic guitar, overheads, piano and group vocals
- Condenser design for studio-quality vocal and instrument applications
- Excels in high-SPL applications
- Extended response for smooth, natural sonic characteristics
- Low-mass element for superb transient response
- Corrosion-resistant gold-plated XLRM-type connector
- Rugged design and construction for reliable performance
- Cardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source

The AT2021 is intended for use in professional applications where remote power is available. It requires 48V DC phantom power, which may be provided by a mixer or console, or by a separate, in-line source such as the Audio-Technica AT8801 single-channel or CP8506 four-channel phantom power supplies.

Output from the microphone's XLRM-type connector is low impedance (Lo-Z) balanced. The signal appears across Pins 2 and 3; Pin 1 is ground (shield). Output phase is “Pin 2 hot” - positive acoustic pressure produces positive voltage at Pin 2.

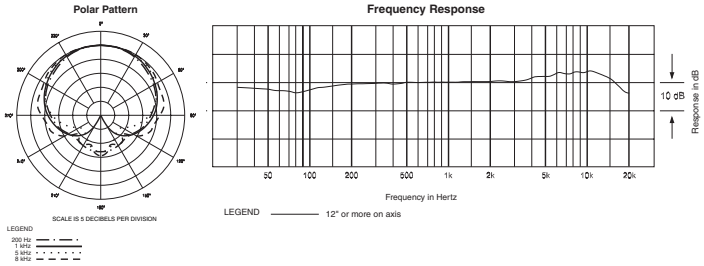
To avoid phase cancellation and poor sound, all mic cables must be wired consistently: Pin 1-to-Pin 1, etc.

Avoid leaving the microphone in the open sun or in areas where temperatures exceed 110° F (43° C) for extended periods. Extremely high humidity should also be avoided.

AT2021 SPECIFICATIONS†

ELEMENT	Fixed-charge back plate permanently polarized condenser
POLAR PATTERN	Cardioid
FREQUENCY RESPONSE	30-20,000 Hz
OPEN CIRCUIT SENSITIVITY	–39 dB (11.2 mV) re 1V at 1 Pa*
IMPEDANCE	250 ohms
MAXIMUM INPUT SOUND LEVEL	145 dB SPL, 1 kHz at 1% T.H.D.
NOISE[1]	19 dB SPL
DYNAMIC RANGE (typical)	126 dB, 1 kHz at Max SPL
SIGNAL-TO-NOISE RATIO[1]	75 dB, 1 kHz at 1 Pa*
PHANTOM POWER REQUIREMENTS	48V DC, 2 mA typical
WEIGHT (less accessories)	2.9 oz (83 g)
DIMENSIONS	4.00" (101.5 mm) long, 0.83" (21.0 mm) maximum body diameter
OUTPUT CONNECTOR	Integral 3-pin XLRM-type
ACCESSORIES FURNISHED	Stand clamp; soft protective pouch

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



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