



- Tailored for smooth, natural vocal reproduction
- Cardioid polar pattern reduces pickup of sounds from the sides and rear, improving isolation of desired sound source
- Durable performance for professional applications
- Hi-ENERGY® neodymium magnet for improved output and transient response
- Excellent off-axis rejection for minimum feedback
- Superior anti-shock engineering for low handling noise
- Multi-stage grille design offers excellent protection against plosives and sibilance without compromising high-frequency clarity
- Quiet-Flex™ stand clamp provides silent, flexible microphone positioning
- Corrosion-resistant contacts from gold-plated XLRM-type connector
- Rugged, all-metal design and construction for years of trouble-free use

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. For a high-impedance (Hi-Z) mic input, connect a Lo-Z balanced cable to a Hi-Z matching transformer (A-T CP8201 or equal) at the equipment input.

When using the ATM410 in settings with a stage monitor speaker, the speaker should be located 180° off axis (at the rear of the microphone). This placement, in conjunction with the microphone's uniform cardioid pickup pattern, will virtually eliminate the possibility of undesired audio feedback.

Take care to keep foreign particles from entering the windscreen. An accumulation of iron or steel filings on the diaphragm, and/or foreign material in the windscreen's mesh surface, can degrade performance.

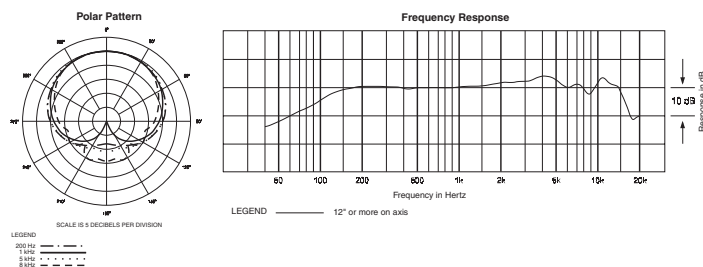
## ATM410 SPECIFICATIONS†

ELEMENT	Dynamic
POLAR PATTERN	Cardioid
FREQUENCY RESPONSE	90-16,000 Hz
OPEN CIRCUIT SENSITIVITY	-55 dB (1.7 mV) re 1V at 1 Pa*
IMPEDANCE	300 ohms
WEIGHT	233 g (8.2 oz)
DIMENSIONS	170.0 mm (6.69") long, 53.5 mm (2.11") diameter
OUTPUT CONNECTOR	Integral 3-pin XLRM-type
ACCESSORIES FURNISHED	AT8470 Quiet-Flex™ stand clamp for 5/8"-27 threaded stands; 5/8"-27 to 3/8"-16 threaded adapter; 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<sup>2</sup> = 10 microbars = 94 dB SPL

Specifications are subject to change without notice.



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