

Features

- Transformerless circuitry virtually eliminates low-frequency distortion and provides superior correlation of high-speed transients
- Precision-machined, nickel-plated brass, acoustic element baffle provides enhanced element stability and optimal sensitivity
- The 2-micron-thick, vapor-deposited gold diaphragm undergoes a five-step aging process so that the optimum characteristics achieved remain constant over years of use
- Floating-construction capsule assembly provides isolation from noise and vibration
- Open acoustical environment of the symmetrical housing assembly minimizes unwanted internal reflections
- State-of-the-art surface-mount electronics ensure compliance with A-T's stringent consistency and reliability standards
- Custom shock mount provides superior isolation

Specifications

Microphones

Element

Fixed-charge back plate, permanently polarized condenser

Polar Pattern

Cardioid

Frequency Response

30-20,000 Hz

Low Frequency Roll Off

80 Hz, 12 dB/octave

Open Circuit Sensitivity

-32 dB (25.1 mV) re 1V at 1 Pa

Maximum Input Sound Level

145 dB SPL, 1 kHz at 1% T.H.D.;
155 dB SPL, with 10 dB pad (nominal)

Noise

17 dB SPL

Dynamic Range

128 dB, 1 kHz at Max SPL

Signal-to-Noise Ratio

77 dB, 1 kHz at 1 Pa

**Phantom Power
Requirements**

48V DC, 3.2 mA typical

Switches

Flat, roll-off;
10 dB pad (nominal)

Weight

13.4 oz (380 g)

Dimensions

6.69" (170.0 mm) long,
2.10" (53.4 mm) maximum body diameter

Output Connector

Integral 3-pin XLRM-type

**Accessories
Included**

AT8449a shock mount for 5/8"-27 threaded stands; microphone dust cover; protective carrying case

**Audio-Technica
Case Style**

R1
