

ATM31a Cardioid Condenser Microphone

- Ideal for close-up vocals, overheads, piano and strings
- Sound is similar to far more expensive studio microphones
- Low-mass diaphragm ensures minimum distortion
- Cardioid pattern provides added warmth when used close up
- Operates on battery or phantom power

ATM31a Specifications

Element

Condenser

Polar Pattern

Cardioid

Frequency Response

30 - 20,000 Hz

Open Circuit Sensitivity

PHANTOM: -44 dB (6.3 mV) re 1V at 1 Pa

BATTERY: -45 dB (5.6 mV) re 1V at 1 Pa

Impedance

PHANTOM: 200 ohms

BATTERY: 270 ohms

Maximum Input Sound Level

PHANTOM: 137 dB SPL, 1 kHz at 1% T.H.D.

BATTERY: 123 dB SPL, 1 kHz at 1% T.H.D.

Signal to Noise Ratio

70 dB, 1 kHz at 1 Pa

Accessories Furnished:

AT8405 stand clamp; AT8114 foam windscreen; battery; protective

Dynamic Range (Typical)

PHANTOM: 113 dB, 1 kHz at Max. SPL

BATTERY: 99 dB, 1 kHz at Max. SPL

Phantom Power Requirements

9 - 52V, 2 mA typical

Battery Type

1.5V AA/UM3

Battery Current/Life

0.4 mA/1200 hours typical

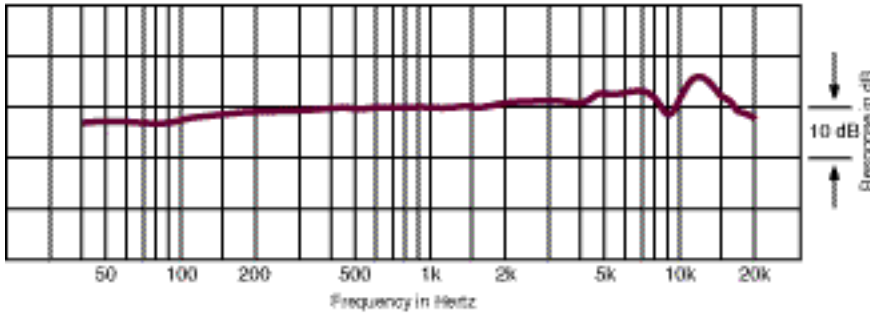
Weight

7.1 oz (200 g)

Output Connector

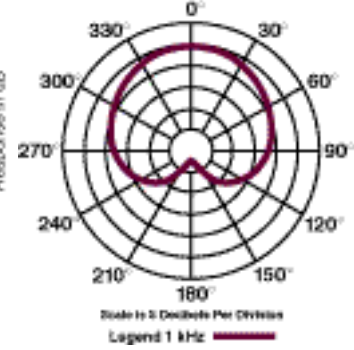
XLRM-type

Frequency Response






LEGEND  12" or more on axis

Polar Pattern



[Conditions and Warranty](#)

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