



The ADX112 is a miniature pre-polarized condenser microphone designed for professional speech and vocal applications in live sound and broadcast. The ADX112 has a 12" shaft with flex gooseneck near the base. Although the ADX112 is supplied with a cardioid element, choices of two other capsules (hypercardioid and omni-directional) are available. The ADX112 is most commonly used for pulpits, podiums, board meetings, and teleconferencing. Because the gooseneck is very sturdy, these microphones may hang from a ceiling for security or monitoring applications. With a smooth uniform response over a frequency range of 40 - 18 kHz, the ADX112 provides a warm, rich sound not typical of microphones this size. In fact, the ADX112 can be used as a vocal microphone and provide excellent results. Machined from aluminum and brass, the ADX112 is available in non-reflective black e-coat finish. The ADX112 operates on phantom power (9-52volts) with the preamp module built right into the base of the microphone. If phantom power is not available, the Audix APS-2 AC phantom power supply is recommended. Used in conjunction with the ATS-10 table stand, the ADX112 is a modular system and can be conveniently removed or set-up as needed. Low noise electronic circuitry, low impedance, and balanced output allow interference-free performance even with long cable runs.

#### Applications

- Pulpit, podium
- Board meetings, teleconferencing
- Video, recording
- Room security or monitoring

#### Specifications

- Transducer Type: Condenser (pre-polarized)
- Frequency Response
  - Cardioid / Hypercardioid: 40 Hz - 18 kHz
  - Omni: 20 - 18 kHz
- Polar Pattern: cardioid, omni, hypercardioid depending on choice of capsule
- Output Impedance: 250 Ohms balanced
- Open Circuit Sensitivity
  - Cardioid / Hypercardioid: 4.8 mV
  - Omni: 4.0 mV
- Equivalent Noise Level: 29 dB (A weighted)
- Signal to Noise Ratio: 65 dB (ref 1k @ 1 Pascal)
- Power Requirements: 9 - 52v phantom
- Maximum SPL: 141 dB
- Cable/Connector: 3 pin gold plated male, XLR connector
- Polarity: Positive voltage on pin, 2 relative to pin 3 of output XLR connector
- Housing: Machined Aluminum and Brass
- Weight: 3.9 oz/109 grams