

The SCM-2 microphone is a professional quality condenser microphones designed for easy, flush mount installations in:

- Boardroom/Conference room ceilings
- Stage walls, ceilings
- Lecterns
- Props and set pieces
- Suspended panels

Implantation assures the absence of phase cancellation effects caused by nearby surfaces, increases microphone sensitivity by 6dB and renders the microphone all but invisible.

Installation is easily accomplished by drilling a 1/2 inch diameter hole in the mounting surface and feeding the microphone lead wire through the hole until the microphone element shoulders. A locking ring is then slipped over the wire and pressed down on the element until it shoulders on the rear of the surface to which the microphone has been mounted. There are no blind or difficult-to-reach mounting screws or fasteners. (Note: All materials above the ceiling are UL plenum rated, NEC Article 725-(b).)

SCM-2 assemblies are supplied with 3' of flexible plenum rated cable to allow freedom of placement and access in ceiling plenums.

These microphones contain integral preamplifiers requiring properly filtered phantom power in the range of 5-48 volts DC (normally supplied by SCT system hardware).

ENGINEERING SPECIFICATIONS

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| Acoustical Mode | _____ | Pressure Transducer |
| Element | _____ | Electret Condenser |
| Directional Characteristics: | | |
| Mounted | _____ | Hemispherical |
| Unmounted | _____ | Omnidirectional |
| Frequency Range | _____ | 10-20,000 Hz |
| Impedance | _____ | 200Ω Nominal (Balanced) |
| Output Level: | | |
| Reference 1mW/10 dynes/cm ² | _____ | -57dBm, -51dBm Mounted |
| Equivalent Noise, A weighted | _____ | 28 dB, 22dB Mounted |
| Equivalent Vibration Sensitivity | _____ | 70dB (1kHz SPL Equiv. of 1G) |
| Temperature Stability | _____ | ±0.02dB/°F max. |
| Operating Voltage | _____ | 5-48 V DC, Phantom |
| Operating Current | _____ | 100μA Max. |
| Microphone Mounting Adjustment Range | _____ | 1/16" - 1 5/8" |
| Microphone Shaft Diameter | _____ | 1/2" |
| Connecting Cable | _____ | 3 Cond. Shielded, Plenum w/3-Pin XLR |

