



PRO 45

Cardioid Condenser Hanging Microphone

The PRO 45 is a wide-range condenser microphone with a cardioid (unidirectional) polar pattern. It was designed for high-quality sound reinforcement and other demanding sound pickup applications. With robust construction and unobtrusive appearance, the PRO 45 offers versatile sound-reinforcement solutions for speech, theater, orchestra and choir sound reinforcement and recording. The microphones' high-SPL handling is perfect for suspension over choirs and orchestras.

The PRO 45 features a 25' (7.6 m) permanently-attached miniature cable with an XLRM-type connector, which allows it to be plugged directly into an XLRM-type jack or cable connector. The unit's integral electronics can be powered from any external 9V to 25V DC phantom power source.

A flexible suspension-mounting bracket is included to allow for proper aiming of the microphone element for maximum pick up with minimum background noise.

BENEFITS

- Hi-SPL handling is ideal for suspension over medical procedure areas
- Wide range condenser element with loss mass diaphragm for superior performance
- Self-contained electronics eliminate need for external power modules
- Flat, smooth frequency response
- Two Twisted Pair Cable
- 25' (7.6m) cable permanently attached between microphone and XLRM type connector

Design Information

Power	9-52V DC
Color	Black
Dimensions	2.24" L x 0.47" Dia.
Frequency	
Response	70 - 16K Hz
Pattern	Cardioid
Impedance	100 Ohms

Architects' and Engineers' Specifications

The hanging microphone shall be a wide-range condenser type with cardioid (unidirectional) polar pattern. The microphone shall include a flexible suspension-mounting bracket, a 9.8' (3.0m) permanently-attached miniature cable, and operate on any external 9V to 52V DC phantom power source. The microphone element shall be enclosed in a rugged housing with low-reflectance black finish. The hanging microphone shall be Tech Works PRO 45.



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