



HM-1

Hidden Microphone

Flush wall mounted
on a single gang plate

BENEFITS

- Easy to Install
- High Sensitivity
- Unobtrusive
- Durable Construction
- Electronically Balanced for long wire lengths

The Tech Works HM-1 Hidden Microphone is designed and constructed for use in Interview, Interrogation, and observation applications where a highly sensitive voice microphone can pick up the conversation while not being seen. The microphone is mechanically shock resistant mounted on a nylon deco wall plate. An electronic balancing circuit shapes the omni-directional microphone for high voice band sensitivity while adapting it for low impedance connection over long wire lengths with minimal noise.

Wiring is a standard twisted, shielded audio pair audio cable connected by screw terminals.

All mounting hardware and a single gang white nylon trim plate are included. Rough-in is a standard single gang electrical box.

This product is specifically designed and manufacturer for use with the IC-52 and CI-MSI-22 Intercom Amplifiers.

Design Information

Phantom

Power 10 - 60V DC

Color White

Mounting 1 Gang Back Box

Dimensions 3.125" W x 4.875" H x 1" D

Frequency

Response 50Hz - 16KHz

Sensitivity -60dB

Pattern Omni

Impedance 200 Ohms

Architects' & Engineers' Specifications

The Hidden Microphone shall be designed and constructed for use in applications where a highly sensitive voice microphone can pick up the conversation while not being seen. An electronic balancing circuit shall be included to shape the omni-directional microphone for high voice band sensitivity while adapting it for low impedance connection over long wire lengths with minimal noise. The microphone shall be mechanically shock mounted on a nylon deco wall plate with a white nylon trim plate included for installation to a standard single gang electrical box. Wiring shall be a standard twisted, shielded audio pair cable connected by screw terminals.

The Hidden Microphone shall be
Tech Works model HM-1.

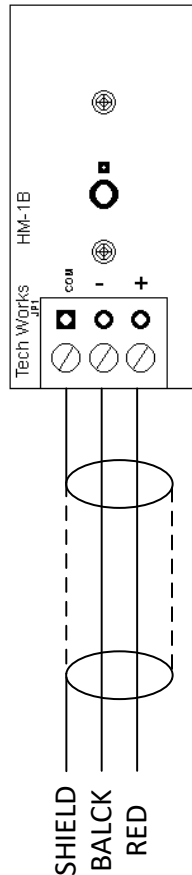


Tech Works®

"Making Specialized Communication Easy"



Wiring Connections



Always use a quality audio, twisted, shielded, cable when connecting the microphone. Microphone signals are very small and therefore susceptible to interference and noise, if not properly terminated and connected with quality cables.

The shield is important for two reasons:

1. The shield on the cable protects the signals from electrostatic interference in the environment.
2. The shield is the power supply common wire for the power that runs the condenser microphone circuitry.

Proper shielding is a must.

See individual amplifier manuals for proper connection to each product or system.

