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Sound Surveillance™

SM1-T Omni-directional Pre-amplified Microphone

Description

The SM1-T is a high performance, omni-directional microphone designed to sit on a table top. Built in limiter circuit automatically lowers the output level during loud sound intervals. Selectable Hi cut and low cut filters significantly reduce background noise. Built in weights and 4 rubber feet help minimize unwanted movement of the microphone. Black ABS enclosure sits on any surface.

Connects directly to our switcher / mixer / amplifiers or use one of our many interface products to make fast and clean connections to DVRs or remote monitoring equipment. .



Includes:

- SM1-T microphone.
- Warning label.
- Installation instructions.

Options:

- See Pre-amplifier board selection guide for alternate pre-amplifier form factors.
- Add -LN to P/N for ultra low noise (80db) and high sensitivity (-28db) microphone capsule

Wiring requirements:

2 conductor shielded (with drain wire) 22 gauge stranded. Max cable length 1000'.

Caution

It is the responsibility of the installation company and end user to install this audio surveillance equipment in compliance with state and federal privacy laws. If you are unfamiliar with these laws, consult a qualified attorney.

SM1-T Specifications

- Omni-directional 25' pickup pattern
- Low noise MOSFET pre-amplifier.
- 500Hz-13Khz Frequency response.
- Switch selectable hi-cut/lo-cut filters limit frequency response to up to 900 to 6Khz significantly reducing background noise.
- Switch selectable volume range: "Line level" (0db) or "Microphone level" (-30db)
- Adjustable gain in both volume ranges.
- Internal peak limiter circuit (.5 sec response)
- 100 Ohm unbalanced output.
- 3 position terminal block.
- Power: 12 to 24VDC @ 10mA.
- PTTC fused and reverse polarity protected
- On-board voltage regulator and RFI filtering.
- Temperature range: -40 to 85C
- S/N ratio: more than 60DB
- Sensitivity -45DB
- Weighted black ABS enclosure with rubber pads stays put on any surface.
- Dimensions: L 3.7" W 2.6" H 1.4"
- Weight 0.21lbs

Warranty 1 year parts and labor.

Made in USA