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Sound Surveillance™

SM1 Omni-directional Pre-amplified Microphone

Description

High performance, Omni-directional, pre-amplified microphone for fixed location security applications. 25' pickup pattern in all directions. Built in limiter circuit automatically lowers the output level during loud sound intervals. Selectable Hi cut and low cut filters significantly reduce background noise. Flexible plastic plate mounts flush or on a single gang electrical box.

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



Includes:

- SM1 flush mount microphone.
- Mounting screws.
- 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
- Add -BK to P/N for black plate or -SS for stainless steel.

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 Specifications

- Omni-directional 25' pickup pattern.
- Low noise MOSFET pre-amplifier.
- 300Hz-16Khz Frequency response.
- Switch selectable hi-cut/low-cut filters limit frequency response to 900-6khz significantly reducing background noise.
- Switch selectable volume range:
"Line level" (0db) or
"Microphone level" (-30db)
- Adjustable gain in both volume ranges.
- 100 Ohm unbalanced output.
- Internal peak limiter circuit (.5 sec response)
- 3 position terminal block.
- PTCC fused and reverse polarity protected
- Power: 12 to 24VDC @ 10mA.
- On-board voltage regulator and RFI filtering.
- S/N ratio: more than 60DB
- Sensitivity -45DB
- Temperature range -40 to 85C.
- Flexible ABS plastic plate mounts flush or on a single gang electrical box.
- Dimensions: L 4.7 x W 2.9 H 0.9
- Weight .03lbs

Warranty 1 year parts and labor. Made in USA