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Sound Surveillance™

## SM1-SF Omni-directional Pre-amplified Microphone

### Description

High performance, omni-directional pre-amplified microphone for use in semi-covert applications. Small form factor microphone and pre-amplifier. Microphone flush mounts in a 7/16" diameter hole. Built in limiter circuit automatically lowers the output level during loud sound intervals. Selectable lo-cut and hi-cut filters significantly reduce background noise.

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



### Includes:

- SM1-PA preamplifier.
- ML1-SF with 3 ft microphone cord
- Warning label.
- Installation instructions

### Options:

- See Pre-amplifier 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-SF Specifications

- Omni-directional 25' pickup pattern
- 3' microphone cord
- Low noise MOSFET pre-amplifier.
- 500Hz-13Khz Frequency response.
- Jumper selectable hi-cut/lo-cut filters limit frequency response to up to 900 to 6Khz significantly reducing background noise.
- Jumper 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.
- On-board voltage regulator and RFI filtering.
- Temperature range: -40C to 85C.
- S/N ratio: more than 60DB
- Sensitivity -45DB
- Black ABS pre-amplifier enclosure mounts on any flat surface.
- Dimensions Microphone: D 1.5 L x 1.47
- Dimensions pre-amplifier: L 2.7 x W 1.7 x H 1.5
- Weight .08lbs

### Warranty

1 year parts and labor.

Made in USA