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

Sound Surveillance™

### Description

High performance, omni-directional pre-amplified microphone for use in semi-covert applications. Small form factor microphone and pre-amplifier circuit board. Microphone flush mounts in a 7/16" diameter hole. Heat shrink protected, pre-amplifier board can be mounted with the affixed foam backed tape or left floating inside a wall or hidden in a ceiling.

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:

- ML1-SF microphone
- SM1-N pre-amplifier
- Warning label.
- Installation instructions.

### Wiring requirements:

2 conductor shielded (with drain wire) 22 gauge stranded. Max cable length 1500'.

### 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.

### Warranty

1 year parts and labor.

Made in USA

### SM1-SF Specifications

- Omni-directional 25' pickup pattern
- Press mounts into 7/16" diameter hole.
- Low noise MOSFET pre-amplifier.
- 3 foot detachable microphone cord, 3.5mm male / female connection.
- Jumper selectable volume range:  
"Line level" (0db) or  
"Microphone level" (-30db)
- Adjustable gain.
- 500Hz-13Khz Frequency response.
- 100 Ohm unbalanced output.
- Internal peak limiter circuit (.5 sec response)
- 3 position Euro-style connector makes cable termination fast and clean.
- Power: 12 to 24VDC @ 10ma
- On-board voltage regulator and RFI filtering.
- Includes sticky backed foam mounting pad.
- S/N ratio: more than 60DB
- Sensitivity -45DB
- Industrial temperature range -40 to 105C.
- Dimensions Microphone: D1.2 x L1.2
- Dimensions Pre-amplifier Board: L2.35 x W.79 x H.79
- Weight .03lbs