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Sound Surveillance<sup>tm</sup>

## SM1-UPM Panel Mount, Uni-directional Pre-amplified Microphone

### Description

*The SM1-UPM is a pre-amplified, panel mount, Uni-directional, moisture resistant, microphone for indoor applications. Built in limiter circuit automatically lowers the output level during loud sound intervals.*

*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-UPM Microphone.
- 2 Gaskets and nut
- SM1-PA Pre-Amplifier.
- 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-UPM Specifications

- Uni-directional 25' pickup pattern.
- -12db attenuation on all sides.
- Low noise MOSFET pre-amplifier.
- Moisture resistant
- 500Hz-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
- 6ft standard length cord w/3.5mm connector
- Temperature range -40 to 85C
- ML1-UPM Dimensions: L 1.75 x D 0.75
- SM1-PA Dimensions: L 3.3 x W 2.0 x H 1.6
- Weight .1lbs

Warranty 1 year parts and labor.

Made in USA