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Sound Surveillance™

# SM1-PE High Performance, Flush Mount, Omni-directional, Pre-amplified

## Description

Highest performance, Omni-directional, pre-amplified microphone for fixed location security applications. Features include:

- Adjustable high and low frequency cut off filters. Useful for reducing background noise.
- Adjustable automatic level control with a compression ratio range of 1:1 to 10:1. The circuit automatically lowers the gain in loud environments and when quiet, raises the gain where faint audio sources such as people whispering can then be heard.

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 etc.

## Includes:

- SM1-PE flush mount microphone.
- Mounting screws.
- Warning label.
- Installation instructions.

## Options:

- Add -LN to P/N for ultra low noise (80db) and high sensitivity (-28db) microphone capsule
- Add -BK or -SS for black plate or 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-PE Specifications

- Omni-directional 25' pickup pattern
- Low noise MOSFET pre-amplifier.
- 500Hz-16KHz Frequency response (hi-cut and lo-cut off)
- Adjustable lo-cut filter: (500hz to 1Khz)
- Adjustable hi-cut filter: (5Khz to 16Kz)
- Adjustable automatic gain control. (compression range 1:1-10:1).
- Switch selectable volume range: "Line level" (0db) or "Microphone level" (-30db)
- Adjustable output level (post AGC).
- 100 Ohm unbalanced output.
- Treble boost pre-emphasis.
- S/N ratio: more than 60DB (80db -LN option)
- Sensitivity -45DB (-28db -LN option)
- 3 position terminal block.
- Power: 12-24Vdc
- PTCC fused and reverse polarity protected
- On-board voltage regulators and RFI filtering.
- Flexible ABS plastic plate mounts flush or on a single gang electrical box.
- Temperature range: -40 to 85C.
- Dimensions: L 4.7" x W 2.9" H 0.9"
- Weight .04lbs

Warranty 1 year parts and labor.

Made in USA