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Sound Surveillance [tm]

SM1-P Universal, Omni-directional, Pre-amplified Microphone

Description

Highest performance, Omni-directional, pre-amplified microphone for fixed location security applications. New 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.*
- *Universal Power input: Accepts 12-60Vdc or 9-42VAC*

Connects directly to our switcher / mixer / amplifiers or use one of our



Includes:

- SM1-P flush mount microphone.
- Mounting screws.
- 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-P 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 to16Kz)
- Adjustable automatic gain control. (compression range 1:1-10:1).
- Adjustable output level (post AGC).
- 100 Ohm unbalanced output.
- Treble boost pre-emphasis.
- 3 position Euro-style connector makes cable termination fast and clean.
- Power: 12-60VDC or 9-42VAC @15mA.
- On-board voltage regulators and RFI filtering.
- Flexible plastic plate mounts flush or on a single gang electrical box.
- Industrial temperature range: -40C to 105C.
- Dimensions: L 4.7” x W 2.9” H 0.9”
- Weight .04lbs
- Available in all standard housings and as a Unidirectional.