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Sound Surveillance™

SM1-PA Microphone Pre-amplifier

Description

The SM1-PA is a microphone pre-amplifier designed to be used with any of our ML1 series microphones. It features a 12-24vdc power input, hi and lo cut filters and an adjustable gain control. The output of the SM1-PA is designed to be connected directly to ETS base stations, interfaces and other equipment.



Includes:

- SM1-PA Pre-amplifier
- Installation instructions.

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.

Warranty

1 year parts and labor.

Made in USA

SM1-PA Specifications

- Low noise MOSFET pre-amplifier.
- 500Hz-13Khz Frequency response.
- Jumper selectable hi-cut/low-cut filters limit frequency response to 900-6khz significantly reducing background noise.
- Jumper 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 Euro-style connector makes cable termination fast and clean.
- Reverse polarity protected
- Power: 12 to 24VDC @ 10mA.
- On-board voltage regulator and RFI filtering.
- S/N ratio: more than 60DB
- Sensitivity -45DB
- Temperature range -25C to 85C.
- Black plastic ABS housing.
- Dimensions: L 2.7 x W 1.7 x H 1.6
- Weight .05lbs