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SM1-U Uni-directional Pre-amplified Microphone

Sound Surveillance™

Description

High performance, Flush mount, Uni-directional, pre-amplified microphone for use where side noise must be reduced. Simply mount the SM1-U in the direction of interest. Built in limiter circuit automatically lowers the output level during loud sound intervals. Selectable lo-cut and hi-cut filters significantly reduce background noise. Flexible plastic plate mounts flush or on a single gang electrical box.

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:

- SM1-U Flush mount microphone.
- 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-U Specifications

- Uni-directional 25' pickup pattern with reduced (-6db) sensitivity on all sides.
- Low noise MOSFET pre-amplifiers.
- S/N ratio: more than 60DB
- Sensitivity -45DB
- 500Hz-13KHz Frequency response.
- Jumper selectable hi-cut/lo-cut filters limit frequency response to up to 900 to 6KHz significantly reducing background noise.
- Jumper selectable volume range: "Line level" (0db) or "Microphone level" (-30db)
- Adjustable gain in both volume ranges.
- Internal peak limiter circuit (.5 sec response)
- 100 Ohm unbalanced output.
- 3 position Euro-style connector makes cable termination fast and clean.
- Power: 12 to 24VDC @ 10mA.
- On-board voltage regulator and RFI filtering.
- Industrial temperature range: -40C to 105C
- Similar in appearance to a fire suppression sprinkler head.
- Flexible plastic plate mounts flush or on a single gang electrical box.
- Dimensions: L 4.7" x W 2.9" H 1.9"
- Weight .04lbs