



Electronic Technical Services Inc.
211 Conchas SE
Albuquerque, NM 87123
PH 505-888-3923 FAX 505-888-3926
Website: www.etsnm.com

Sound Surveillance™

SM1-U Uni-directional Pre-amplified Microphone

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, IP cameras and remote monitoring equipment.



Includes:

- SM1-U Flush mount microphone.
- Warning label.
- Installation instructions.

Options:

- See Pre-amplifier board selection guide for alternate pre-amplifier form factors.
- Add -BK to P/N for black enclosure

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-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-16Khz Frequency response.
- Switch selectable hi-cut/lo-cut filters limit frequency response to up to 900 to 6Khz significantly reducing background noise.
- Switch 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 terminal block.
- Power: 12 to 24VDC @ 10mA.
- PTCC fused and reverse polarity protected
- On-board voltage regulator and RFI filtering.
- Temperature range: -40C to 85C
- 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

Warranty 1 year parts and labor. Made in USA