ETS

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SM1-TRW Omni-directional Pre-amplified Microphone

Sound Surveillance ^{tm}

Description

High performance, weather resistant Omni-directional, pre-amplified microphone for fixed location security applications where vandalism is of concern. Electret element is mounted in a special housing which is out of reach to objects inserted into the sound holes. 25' pickup pattern in all directions. Built in limiter circuit automatically lowers the output level during loud sound intervals. Hi cut and low cut filters significantly reduce background noise. Stainless steel 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-TRW flush mount microphone.
* Sealing gasket
* 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-TRW Specifications

* Omni-directional 25' pickup pattern.
* 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
* Industrial temperature range –40 to 105C
* Internal .5" thick windscreen.
* Conformal coated circuit board.
* Stainless steel plate mounts flush or on a single gang electrical box.
* Dimensions: L 4.5" W 2.7" H 1.1"
* Weight .07lbs