

## SM5-EQ-PESS-LN Performance Microphone with 7 Band Equalizer / DVR Interface

### Description

Single zone audio surveillance system for use with DVRs and IP cameras. Provides +/-12db sound emphasis or de-emphasis in 7 ranges of frequencies (60hz-15khz) for acoustically difficult environments. The user can lower unwanted background noise and emphasize the desired target sound source. The included SM1-PESS-LN high performance, ultra low noise, stainless steel/tamper resistant microphone has an adjustable automatic gain control circuit designed to lower the microphone volume when sound levels change. The combination of features in the SM5-EQ-PESS-LN kit make it ideal for police booking and interrogation rooms.

### Includes

- 1ea. SM1-PESS-LN Microphone.
- Microphone mounting screws.
- SMEQ-1 Equalizer / interface
- 15 VDC 800ma AC adapter.
- 1 each 6' RCA or 3.5mm patch cable.
- 1ea. Warning label
- Installation instructions.

### Options

- SPECIFY: RCA OR 3.5mm input / output connectors.

### Wiring Requirements

- Microphone cable run: Stranded 22-gauge, 2-conductor shielded cable. Distances up to 1000 feet.



### SM1-PESS-LN Specifications

- Omni-directional 25' pickup pattern.
- Ultra low noise and (-80db)
- High sensitivity (-28db)
- 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 to 16Kz)
- Adjustable automatic gain control. (compression range adjustable from 1:1 to 10:1).
- Adjustable output level (post AGC).
- 100 Ohm unbalanced output.
- S/N ratio: more than 60DB
- Sensitivity -45DB, S/N ratio: 60DB
- Dimensions: L 4.7" x W 2.9" H 0.9"
- Stainless steel, tamper resistant plate mounts flush or on a single gang electrical box.

### SMEQ-1 Specifications

- 7 frequency band controls: 60hz, 150hz, 400hz, 1Khz, 2.5Khz, 6Khz, 15Khz.
- +/- 12db gain / cut for each frequency band.
- Line level RCA input / output jacks and 3 terminal connectors for connections to ETS microphones and base stations.
- Output level control.
- Reverse polarity protected and fused.
- Power consumption 12vdc@35ma with microphone.
- Dimensions: L 5.3 x W 3.3 x H 1.6
- See SMEQ-1 Specification sheet for more information.