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Sound Surveillance™

SM1-GNU Uni-directional Pre-amplified Microphone

Description

High performance, Goose neck, surface mounted, Uni-directional, pre-amplified microphone for use where side noise must be reduced. Simply bend the SM1-GNU 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.

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, etc.



Includes:

- ML1-GNU Microphone
- SM1-PA pre-amplifier
- Warning label.
- Installation instructions.

Options:

- See Pre-amplifier board selection guide for alternate pre-amplifier form factors.

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-GNU 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 Powder coated steel Gooseneck tube holds any shape it's bent to.
- ML1-GNU Dimensions: L 14 x D 0.9
- SM1-PA Dimensions: L 3.3 x W 2.0 x H 1.6
- Weight .4lbs

Warranty 1 year parts and labor.

Made in USA