



Electronic Technical Services
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Sound Surveillance™

SM1-WPB IP66 Rated Omni-directional Pre-amplified Microphone

Description

IP66 weather proof microphone for hostile environments such as outdoor applications, on board ships, rooms that are washed down daily, etc. high performance, durable electret element can withstand direct exposure to high pressure water and even submersion without affecting operation. Includes a removable .5 inch wind screen. Cast Aluminum back box and cover plate.

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-WPB microphone.
- Gasket, cover and screws
- Warning label.
- Installation instructions.

Wiring requirements:

2 conductor shielded (with drain wire) 22 gauge stranded. Max cable length 1000'.

Options:

- See Pre-amplifier board selection guide for alternate pre-amplifier form factors.
- Add -LN to P/N for ultra low noise (80db) and high sensitivity (-28db) microphone capsule

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-WPB Specifications

- Omni-directional 25' pickup pattern
- Low noise MOSFET pre-amplifier.
- 20Hz-20Khz Frequency response (hi-cut and lo-cut off)
- Adjustable lo-cut filter: (20hz to 1Khz)
- Adjustable hi-cut filter: (5Khz to 20Kz)
- Adjustable automatic gain control. (compression range 1:1-10:1).
- Adjustable output level (post AGC).
- IP66 rated
- Potted internal electronics. Ideal for high vibration and harsh environments.
- Corrosion resistant electret element.
- Removable .5 inch windscreen.
- Line level, 100 Ohm, unbalanced output.
- Cable whip output.
- Power: 12 to 24 VDC @ 10mA.
- On-board voltage regulator and RFI filtering.
- Temperature range: -40C to 85C
- Sensitivity -60db
- single gang "bell box" enclosure with 1/2" conduit connector ports.
- Dimensions: L 4.6" W 2.8" H 2.3"
- Weight 0.22lbs

Warranty

1 year parts and labor.

Made in USA