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Sound Surveillance <sup>tm</sup>

# STW1-W4 Pre-amplified Microphone and Amplified Speaker

## Description

*Omni-directional pre-amplified microphone and power amp / speaker for use in two way surveillance systems. Can be used in stand alone applications or with IP cameras, DVRs and remote monitoring equipment. Optional call switch (not shown) for paging listener. Surface mount white plastic enclosure for residential applications.*

*Connects directly to our switcher / mixer / amplifiers or use one of our many Interface products to make fast and clean connections to IP cameras, DVRs or remote monitoring equipment.*



## Includes:

- STW1-W4 microphone / speaker
- Mounting screws.
- Warning label.
- Installation instructions.

## Wiring requirements:

2 each, 2 conductor shielded (with drain wire) 22 gauge stranded. Max cable length 250'.

## Options:

- Call switch option: P/N STW1-W4C

## General Specifications:

- -10C to 70C operating temperature
- Surface mount white ABS plastic enclosure.
- Max 250' cable run
- Euro-style connectors make cable terminations fast and clean.
- Dimensions: L 4.6" W 4.5" H 1.9"
- Weight: 0.45lbs

## STW1-W4 Microphone Specifications

- Omni-directional 25' pickup pattern
- Low noise MOSFET pre-amplifier.
- Jumper selectable hi-cut/lo-cut filters limit frequency response to up to 900 to 6Khz significantly reducing background noise.
- Jumper selectable volume range: "Line level" (0db) or "Microphone level" (-30db)
- Adjustable gain in both volume ranges.
- Peak limiter: .5s response time
- 500Hz-13Khz Frequency response.
- Line level, 100 Ohm unbalanced output.
- Power: 12Vdc @ 10mA.
- On-board voltage regulator and RFI filtering.
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## STW1-W4 Speaker Specifications

- 4" Mylar speaker.
- line level (0dbm) or 70v line selectable signal input.
- Adjustable volume.
- Selectable input impedance: 10K Ohm or 1K Ohm
- Selectable volume range 0db or -10db.
- 500Hz-5Khz frequency response.
- 2 Watts RMS power amplifier
- Power: 12VDC @ 250mA.
- On-board voltage regulator.