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Sound Surveillance™

## STW1-W4-C5 Pre-amplified Microphone and Speaker

### Description

*Omni-directional pre-amplified microphone and 70V speaker for use in two way surveillance systems and ONLY with one of our -C5 Interface products to make fast and clean connections to DVRs, IP cameras, etc. Single CAT5 cable connects the STW1-W4-C5 to a compatible interface, typically located near the DVR or IP camera. An extra set of wires available in the CAT5 cable is broken out on quick connect terminals of the STW1-W4-C5 for connecting a remote call switch, door release relay or alarm contact. Optional call switch (not shown) for paging listener. Surface mount, White plastic enclosure.*



### Includes:

- STW1-W4-C5 microphone / speaker
- Mounting screws.
- Warning label.
- Installation instructions.

### Wiring requirements:

- 1ea. CAT5 cable, 500' max.

### Options:

- Call switch option:  
P/N STW1-W4C-C5
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### Compatible DVR and IP camera interfaces:

- SMA1-LPC5
- SMA4-LPC5
- SMA1-LPEA-C5

### Warranty

1 year parts and labor.

Made in USA

### STW1-W4-C5 Specifications

- Omni-directional 25' pickup pattern.
- Low noise MOSFET pre-amplifier.
- 500Hz-13Khz Frequency response. Significantly reduces background noise.
- 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: .5 sec response time.
- 100 Ohm, unbalanced output
- Power: 12 to 24VDC @ 10mA.
- On-board voltage regulator and RFI filtering.
- 600 Ohm balanced audio output transformer.
- 4" Mylar speaker
- 2Watt, 70V line audio input only.
- 500Hz-5Khz speaker frequency response.
- RJ45 jack for single field cable run.
- Call switch output terminal block.
- Max 1000' feet cable run.
- -10C to 70C operating temperature
- Surface mount white ABS plastic enclosure.
- Dimensions: L 4.6" W 4.5" H 1.9"
- Weight: 0.45 lbs