



Electronic Technical Services Inc.
211 Conchas SE
Albuquerque, NM 87123
PH 505-888-3923 FAX 505-888-3926
Website: www.etsnm.com

STW1-C5 Pre-amplified Microphone and Speaker

Sound Surveillance™

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, I/P cameras, etc. Single CAT5 cable connects the STW1-C5 to a compatible interface, typically located near the DVR or I/P camera. An extra set of wires available in the CAT5 cable is broken out on quick connect terminals of the STW1-C5 for connecting a remote call switch, door release relay or alarm contact.

Optional call switch (not shown) for paging listener. Stainless steel plate mounts flush or on a double gang electrical box.

Includes:

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

Wiring requirements:

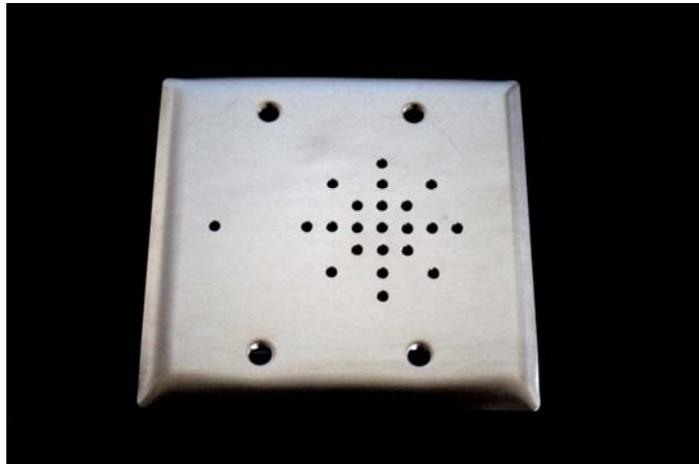
- 1ea. CAT5 cable, 1500' max.

Options:

- Call switch option: P/N STW1-C-C5

Compatible DVR and I/P camera interfaces:

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



STW1-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.
- 3" 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.
- -40C to 105C operating temperature
- Dimensions: L 4.6" W 4.5" H 1.9"
- Weight: 0.3lbs

Warranty 1 year parts and labor.

Made in USA