



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

Sound Surveillance™

## STW1-SE Speaker / Microphone

### 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. Suitable for both indoor and outdoor applications. Optional call switch (shown) for paging listener. Suitable for outdoor use.*

*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:

- STW1-SE Speaker microphone
- Tamper proof screws.
- Warning label.
- Installation instructions.

### Wiring requirements:

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

### Options

Optional call Switch: STW1-SEC (shown)

### General

- Indoor/Outdoor heavy duty stainless steel housing with hood.
- Includes tamper proof screws
- Tamper resistant.
- Euro-style connectors make cable terminations fast and clean.
- -10C to 70C operating temperature
- Dimensions: L 6.5" x W 4.6" H 3.1"
- Weight: 0.86lbs

Warranty: 1 year parts and labor.

Made in USA

### STW1-SE 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

### STW1-SE Speaker/Amplifier Specifications

- 2.75" 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.