

The SMLA-1 is a single channel, one way Interface box designed to be used with ETS microphones or any other line level audio source. Its primary function is to boost the signal from ETS microphone cable lengths exceeding 2000 feet. It also is designed to amplify (up to x11) or attenuate any line level audio signal. Note the audio output signal of the kit is "line level" (0dbm).

SM1 Microphone Placement (if used)

Locate the SM1 microphone as close as possible to the area of interest in the space to be monitored. If a large area is to be monitored, locate the SM1 in the middle of the room. Do not mount the microphone near air conditioning vents, light fixtures or electrical equipment. The SM1 should be placed at least 5 feet away from the subject(s) to be monitored. The SM1 is still useable in the range of 15-25 feet but is dependent on the level of background noise in the area. Experimentation in the environment will determine what distances work best.

SMLA-1 location and power

If the SMLA-1 will be used in a long cable run to an ETS microphone, if possible, locate the SMLA-1 somewhere in the middle of the cable run. Note-a 120VAC power source must be available at this location to permit powering up of the SMLA-1. If the application of the SMA-1 is to boost signals of equipment all located in the same general vicinity, no precautions are required.

Cable Runs

As a microphone booster, Run a 22 gauge, stranded, two conductor shielded cable between the SMLA-1 interface and the SM1 microphone and another cable of the same type between the SMLA-1 and the ETS base station or interface box (head end). Keep both cable run distances under 1,500 feet and away from AC power sources, light fixtures and electrical equipment. See *Figure 1 for connection diagram.*

Level and Gain Adjustments

As a signal repeater (booster) for an ETS microphone, place the "level" control to mid-position and adjust the "gain" control for the desired audio level at the head end. For other line level sources: If you want the SMLA-1 to amplify an audio signal (up to x11), turn the "level" control Full clock-wise. Then, adjust the "gain" control for the desired audio output level. If you want the SMLA-1 to attenuate (lower) the audio signal, turn the "gain" control full counter-clock-wise and adjust the "level" control for the desired audio. level.

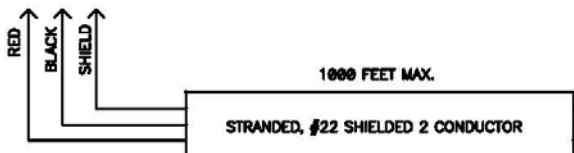
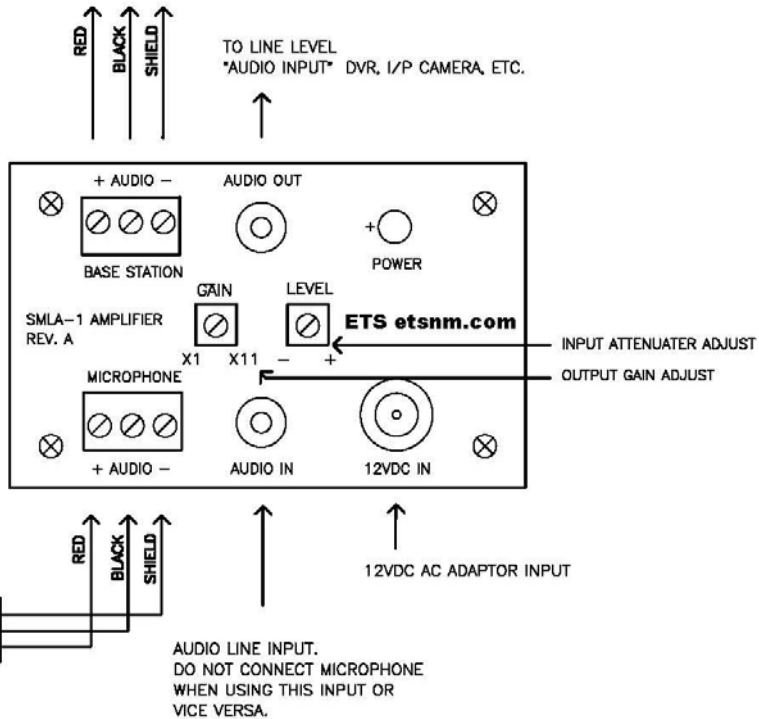
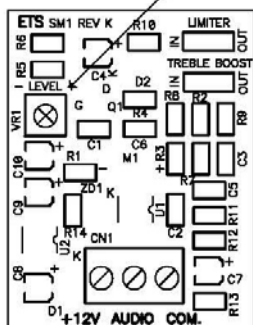
Inputs / outputs

Use the 3 terminal "microphone" block to connect ETS series microphones. Connect the other three terminals to ETS base stations or interface boxes. The RCA inputs and outputs are for connecting line level devices together or can directly drive a DVR input with an ETS microphone. Note-do not use the RCA audio input and ETS microphone input at the same time. Use one or the other.

TO ETS BASE STATION OR INTERFACE BOX
 MICROPHONE INPUT. STRANDED, #22 SHIELDED 2 CONDUCTOR
 1000' MAX.

SOUND SURVEILLANCE SERIES MICROPHONE

MICROPHONE GAIN CONTROL



AUDIO LINE INPUT.
 DO NOT CONNECT MICROPHONE
 WHEN USING THIS INPUT OR
 VICE VERSA.

Figure 1.

Caution

It may be against the law to install this microphone kit in certain environments. It may also be against the law to record conversations of the person(s) being monitored without their knowledge. It is the responsibility of the installation company and end-user to determine if the application of this product is legal. These laws vary from state to state. If you are not informed on these matters, consult a qualified attorney or contact the appropriate state agency. A sticker is provided with this kit for the applications where notification must be posted.

Warranty

All ETS products carry a one year parts and labor warranty. This warranty does not cover damages as a result of misuse, improper handling of the unit or exposure to extreme temperatures or moisture. At its discretion, ETS reserves the right to repair or replace this unit under the conditions of the warranty. If you experience problems with your equipment call ETS at: 505-888-3923 to obtain a return authorization number. Equipment requiring repair beyond the warranty period or units that have been damaged or are not covered under the warranty can be repaired by ETS for a minimal cost under most conditions.

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 by
ETS Inc.