

ETS Inc. SA4-LP Speaker Driver Instructions

The SA4-LP is a 4 channel speaker driver designed to connect to the audio outputs of DVRs and remote monitoring equipment, etc. Note- the audio inputs of the SA4-LP are "line level" (0db).

Speaker Placements

Locate the speakers as close as possible to the areas of interest in the spaces to be monitored. Do not mount the speakers near air conditioning vents, light fixtures or electrical equipment. The speakers should be placed at least 5 feet away from the subject(s) to be addressed. A speaker is still usable at distances of up to 25 feet but is dependent on the level of background noise in the area. Experimentation in the environment will determine what distances work best.

SA4-LP location and power

The SA4-LP interface box is designed to be located next to a DVR or other equipment. The SA4-LP requires a 120VAC power source within 3 feet of its location. If this is not possible in your application, you can splice in up to 100 feet of 18 awg, 2 conductor cable to extend the distance between the AC power source and the SA4-LP.

Cable Run

Run up to 4 each 22 gauge, stranded, two conductor shielded cable between the SA4-LP amplifier and the speakers. Keep the cable run distances under 1,000 feet (70v mode) / 250 feet (8 Ohm mode) and away from AC power sources, light fixtures and electrical equipment. See *Figure 1 for connection diagram*.

SA4-LP level controls

The speaker levels can be adjusted to higher or lower volumes. Experiment with the level controls to achieve the desired volumes.

70V / 8 Ohm direct switch

If you want to use 8 Ohm speakers, place these switches in the 8 Ohm positions and limit your speaker cable runs to 250 feet. If you are using a 70V speakers, place the switches in the 70v positions and pick the wattage taps closest to 2 Watts or use ETS Sound Surveillance speakers.

SA4-LP audio inputs.

This input is line level (0db). Connect these to the audio outputs of your DVR, etc. If the audio outputs are screw terminals, cut the ends off the supplied patch cables and strip back the wires. Connect the center conductors to "+" terminals and the shields to the "-" terminals.

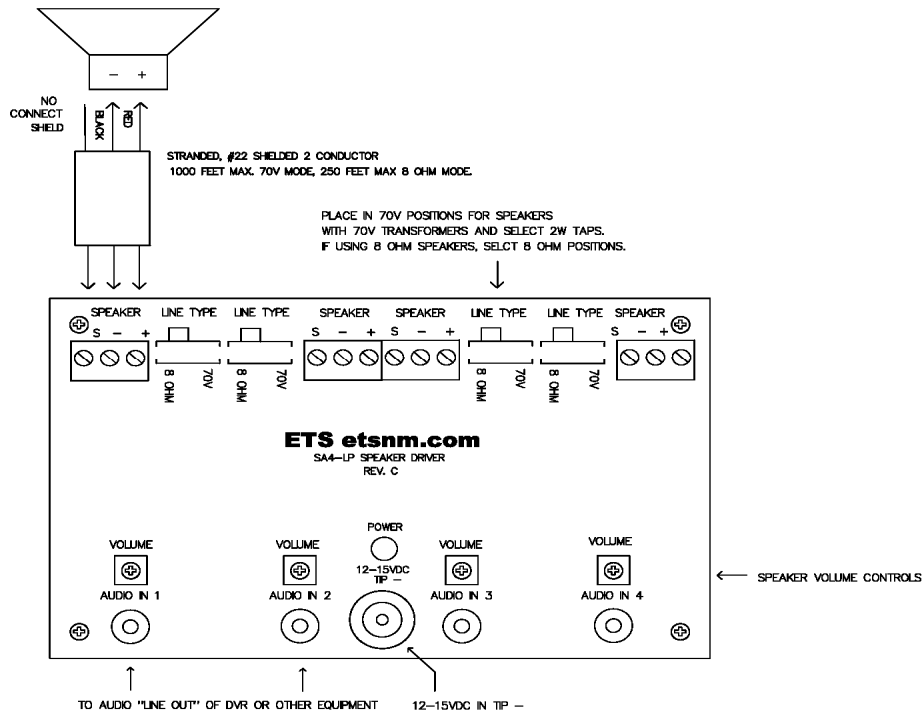


Figure 1.

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.

Made in the USA
by
ETS Inc.