



Stealth Laboratories, LLC
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Installation & Wiring Instructions

SD-1000 Siren Driver

The SD-1000 Siren Driver provides two channel outputs, steady (normally used to signal a fire) and yelp (normally used to signal an intrusion).

CONNECTIONS TO THE CONTROL PANEL

1. Turn off all power to the control panel.
2. Mount the SD-1000 inside the control panel's housing, using the double-sided sticky tape on the back of the PCB.
3. Connect the terminal marked GND on the SD-1000 to a terminal marked GND or NEG on the control panel.
4. For a **YELP** output, the YLP terminal should be connected to a terminal on the control panel which can provide a 1.5 Amp current source upon activation of a **burglar alarm**.
5. For a **STEADY** output, the STDY terminal should be connected to a terminal on the control panel which can provide a 1.5 Amp current source upon activation of a **fire alarm**.

Remember: Steady will always override Yelp.

CONNECTIONS TO THE SPEAKERS

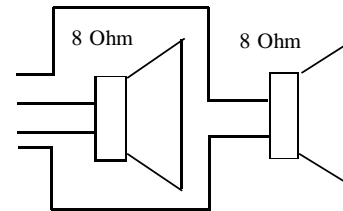
6. Connect the speakers as shown. Use a minimum of 15 Watt speakers with a minimum of 4 Ohms resistance. Other speaker configurations are possible but be careful not to drop below 4 Ohms total between the speaker terminals on the unit. The suggested configurations on the reverse of this instruction sheet use 8 Ohm speakers.
7. Power up the control panel and test the installation.

SPECIFICATIONS

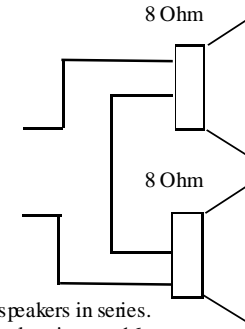
Operating voltage: 6 to 13.8Volts

Board Dimensions: 2 ½ x 3 inches (63 x 76mm)

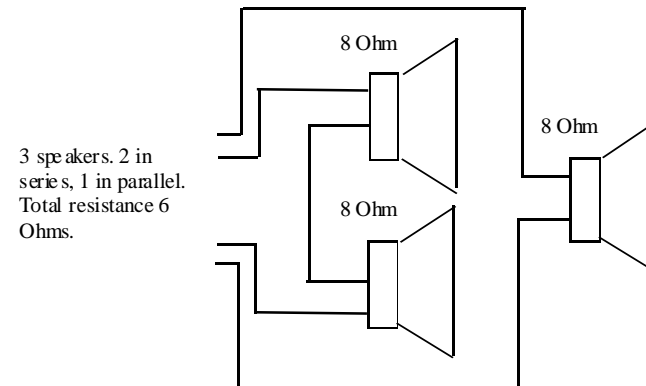
Volume: 110dB at 10 feet.



2 speakers in parallel. Total resistance 4 Ohms.
Always add a 1.5 Amp fuse in series with an outdoor speaker. Shorting of the outdoor speaker will blow this fuse but the other speaker will still work.



2 speakers in series.
Total resistance 16 Ohms.



3 speakers. 2 in series, 1 in parallel.
Total resistance 6 Ohms.