



Installation Manual



ELECTRONIC SIREN Model 30.2504

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ELECTRONIC SIREN

MODEL 30.2504

INTRODUCTION

The 30.2504 siren consists of an amplifier which powers one 100 watt RMS speaker. The amplifier, because of its small physical size, mounts conveniently in a remote position from the function control switch.

The 30.2504 siren system includes two center-off rocker switches. The first allows the operator to select the WAIL or YELP functions. The second rocker switch is momentary and allows the operator to sound either the PHASER or the AIR HORN sound. Phaser/Air Horn override Wail/Yelp.

INSTALLATION OF POWER AMPLIFIER

Select a location suitable for installation of the amplifier. This area must be free from moisture, heat, and abuse. **DO NOT MOUNT IN THE ENGINE COMPARTMENT.** Using the amplifier as a template, mark the location of the mounting holes. Drill holes at these locations to assist in starting the mounting screws provided. All installations are the sole responsibility of the buyer.

CONTROL SWITCH

Select a location suitable for installation of the control switch. The area selected should provide ease of operation and must not interfere with normal operation of the vehicle or deployment of air bag. Using the switch bracket as a template, mark the location of the mounting holes. Drill holes at these locations to assist in starting the mounting screws provided.

SPEAKER CONNECTIONS

Use only one 100 watt speaker with an 11 ohm impedance. Connect one conductor of the 16-2 wire supplied to the terminal on the siren marked "SPKR COMMON". Connect the second conductor of the 16-2 wire to the "100 WATT" terminal on the siren.

POWER INPUT CONNECTIONS

Connect the supplied black wire to the terminal on the siren marked "GROUND". Connect the other end of the black wire to ground. The negative terminal of the battery is a preferable location. Connect the supplied red wire to the terminal on the siren marked "+ 12 VOLTS". This terminal on the siren connects directly to the on board 20 amp fuse. Connect the other end of the red wire to a positive source. To protect the wiring going to the siren, install an in-line fuse or circuit breaker on the end of the wire as close to the positive source as possible. The current draw of the siren during operation is approximately 15 amps, when supplied by 13.8 volts. The current draw of the siren when power is applied, but no functions are selected, is approximately .03 amps.

CONTROL SWITCH CONNECTIONS

Connect the wires from the control switch to the terminals on the siren as shown in the diagram. By applying +12 volts to one of the terminals, the corresponding sound will be produced. Connect the green wire from the switch to the terminal on the siren marked "WAIL". Connect the brown wire from the switch to the terminal on the siren marked "PHASER". Connect the yellow wire from the switch to the terminal on the siren marked "YELP". Connect the white wire from the switch to the terminal marked "HORN". Run red wire from terminal marked "+12 VOLTS Input" to power source. (Connect 3' red wire from switch panel to +12 Volt power source.)

WARRANTY

Merchandise returned under warranty shall be subject to factory inspection and repaired, replaced, or credited at Able 2 Products Company, Inc.'s option. Water, condensation, or negligence will **VOID** warranty. This unit's warranty period is for 2 years parts and labor.