

EMERGENCY VEHICLE LIGHTING

Electronic Airhorn

Contents:

Air Horn Amplifier	1
	1
Mounting Accessories	1
Fuse(s)	1

Wiring:

WARNING! All customer supplied wires that connect to the positive terminal of the battery must be sized to supply at least 125% of the maximum operating current and **FUSED** at the battery to carry that load. **DO NOT USE CIRCUIT BREAKERS WITH THIS PRODUCT!**

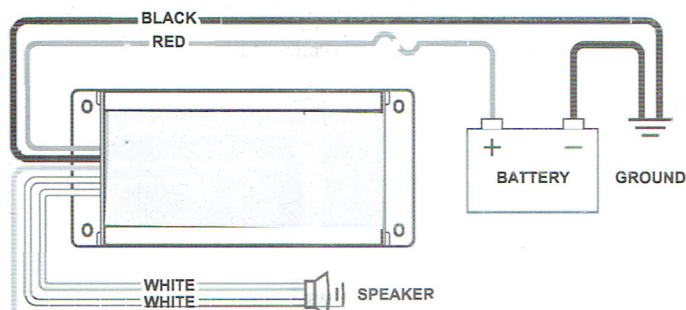
RED - To 9 - 30V DC Power Source

WHITE 1 - To Speaker

BLACK - To Chassis Ground

WHITE 2 - To Speaker

Wiring Diagram:



Mounting:

The air horn amplifier is designed to be mounted inside the engine bay around the battery's vicinity. The air horn amplifier is waterproof and can be mounted to an area exposed to the elements if necessary. If mounting the amplifier to an area exposed to the elements, be sure that all wiring connection and in-line fuse holder are made waterproof by using dielectric grease, liquid electrical tape, or via other means.

WARNING! Make sure NOT to mount the air horn amplifier in the deployment of any air bag. Refer to the air bag warning on the first page of this manual.

CAUTION! Permanent mounting of this product will require drilling. It is absolutely necessary to make sure that no other vehicle components could be damaged by this process. Check both sides of the mounting surface before starting. If damage is likely, select a different mounting location.

Mounting of Air Horn Amplifier:

1. Position the air horn amplifier against the desired mounting location.
2. Scribe the area where the mounting holes would be drilled.
3. Proceed to drilling of the surface for the mounting screws. Make sure no vehicle component could be damaged during this process.
4. Secure the air horn amplifier to the mounting surface with the included screws.

Operating Air Horn with Momentary Switch

1. Connect the center pin of the momentary switch to a positive power source. Be sure to utilize an in-line fuse (customer supplied) if connecting the momentary switch directly to the positive post of the battery.

Operating Air Horn with Vehicle Horn Button

Note: Hands free activation of the horn relay refers to using the vehicle's factory horn button located on the steering wheel to activate the air horn amplifier.

The use of the two-way switch allows the driver to toggle between the regular vehicle horn and the air horn. This hands free option can only be setup on vehicles with positive triggered horn relay, and would require a relay or other equipment for it to work on negative triggered systems.

1. Locate the wire connecting the vehicle horn button on the steering wheel to the vehicle horn relay.
2. Cut the wire.
3. Connect the wire on the vehicle horn relay side to one of the outer pins on the two-way switch.
4. Connect the wire on the vehicle horn button side to the middle pin on the two-way switch.

Specifications:

Input Voltage: 9 - 30 V DC

Input Current: 4.31 AMPS Max. @ 12 V DC

Speaker Impedance: 8 OHMS Min.

Output Power: @ 12 VDC @ 8 OHMS 100 WATTS Max.