



# Installation and Operation Instructions

## Dual Function Alarm

### General:

This Dual Function alarm is designed to provide an audible warning sound in hazardous areas associated with vehicles and equipment. This alarm is capable of producing two distinct types of warning sounds. The first sound is the SAE approved warning “beep” sound for warning that a vehicle is proceeding in reverse. The second “dual tone” sound can be used optionally to warn of other dangers specific to certain machines or equipment (rotating drive shafts, extended outriggers, etc). If both alarm functions are powered at the same time, the dual tone warning will override.

### Mounting:

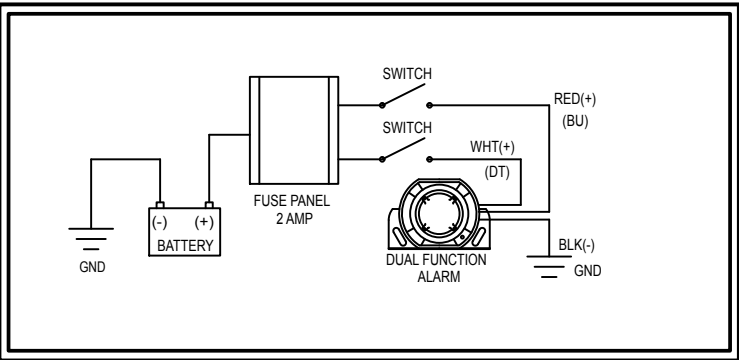
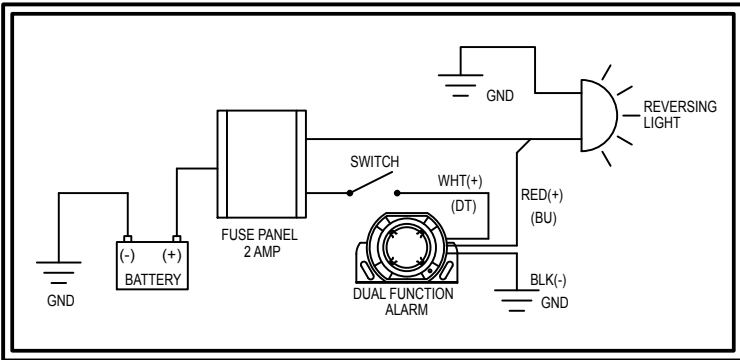
Mount the alarm facing outward without obstruction to the sound output face. DO NOT mount the alarm with the face oriented directly downward. The alarm should be mounted approximately four feet above ground level in a protected location to avoid collision damage. Keep alarm clean and check for proper operation daily before use.

**Important!** This unit is a safety device, and it must be connected to its own separate, fused power point to assure its continued operation should any other electrical accessory fail.

### Connections:

Connect the alarm to power using the illustration below for reference. Be sure alarm circuit is fused. For proper operation please observe correct polarity when hooking up wires. Accessory switches are available from ECCO that can be used in conjunction with various control lever arrangements to facilitate easy mounting. ECCO alarms are reverse polarity protected and no damage will occur if wires are accidentally connected backwards.

**NOTE:** DO NOT CONNECT DUAL TONE SOUND FOR BACK-UP WARNING APPLICATIONS.



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