

Pro LED 47SA1 & 47SA2 Owner's Manual



**** Warning ****

Safety warnings for installers and operators

- Use of a warning light does not guarantee that other drivers will give you the right of way. Always drive defensively to avoid accidents.
- Route wire cables safely away from vehicle controls.
- Place light system controls within easy reach of the operator.
- Inspect your lights regularly for proper function.
- Clean your warning lights frequently with mild soap and water to ensure maximum visibility.

Power Requirements

47SA series warning lights operate in a range of 10 to 30 volts DC with a negative ground and require 0.50 amperes input current @ 12.8 volts DC. No manual voltage switching is required.

Function

This warning light offers three choices of flash pattern when used in pairs, synchronous (flash together), alternating, or random. No external controller is required.

1. Synchronous – Requires two 47SA1 lights. Connect the black control wires together.
2. Alternating - Requires one 47SA1 and one 47SA2. Connect the black control wires together.
3. Random - Requires two 47SA1 lights. Do not connect the black control wires.

Installation

This is a grommet-mounted light that uses the same size hole and grommet as other standard sized 4.29" diameter lights. This manual does not address creating new mounting holes in vehicle bodies.

Use 16-gauge wire for all connections with a fuse link as close to your power source as possible. A typical two warning light installation would require a 3-amp fuse.

White wire = Ground (-)
Red wire = 10 to 30 volts DC (+)
Black wire = Flash pattern control, connect as required

Warranty

Pro LED warrants the 47SA series warning lights against defects in material or workmanship for a period of 1 year from the date of purchase or delivery, whichever is later. This warranty will not apply to any unit which fails as a result of operator negligence, or which has been subjected to misuse, neglect, accidents, improper installation or disassembly.

Pro LED will not recognize claims for labor charges or any consequential damages under any circumstances. Our liability is limited strictly to the repair or replacement of any light that shall prove to be defective according to our judgement.