G2SR S300



Green LED: Light Steady - Normal operation Mode

Red LED Light: Blink Once - Initializing Unit

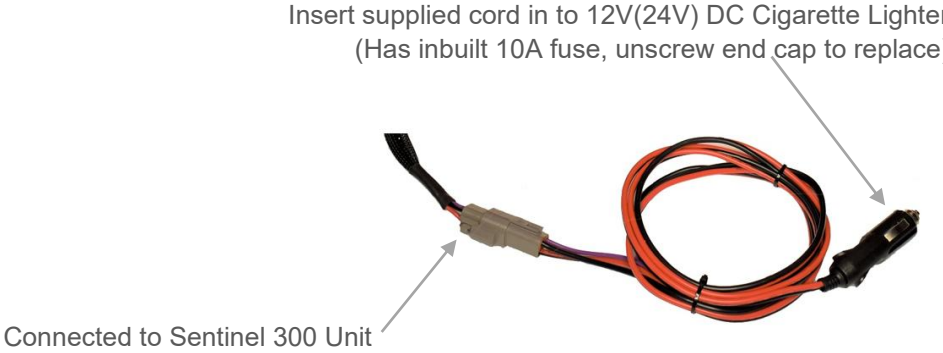
Steady – Unit Fault – Return to manufacturer.

The Sentinel 300 has 2 operating modes:

1.Wired for Manual operation:

Cigarette Lighter Adaptor Powered

- Power the Sentinel 300 using the supplied Cigarette lighter adaptor. The cigarette lighter adaptor has been modified and incorporates an additional purple wire, plugged in to Deutsch pin 3. This provides power to override the timer circuit.
- **The unit is turned ON/OFF via the power button on the front panel.**



Units are labeled 12V DC or 12-24V DC – please see serial number sticker for details.

Hard Wired, Constant Powered

- Power the Sentinel 300 using the supplied adaptor. Connect the RED (Pin 1) and PURPLE (Pin 3) wire to 12V(24V) +VE (Minimum 10 Amp Supply) Connect the Black (pin 2) to 12V(24V) -VE. Cut and extend the existing Cigarette Lighter adaptor or purchase additional Deutsch connector.

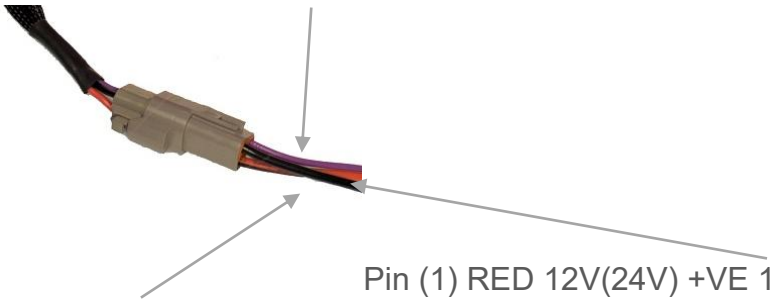
- **The unit is turned ON/OFF via the power button on the front panel.**

2. Wired for Timer Operation:

Leave Sentinel 300 unit's power button on (depressed). The unit will now automatically start with a 12V(24V) +VE from Switch source and run for 60 Minutes after the Switch power is disconnected.

- To enable the timer function, connect the units supply power:

Pin (3) PURPLE 12V(24V) +VE **Switch (suggest vehicle ignition supply)**



Pin (1) RED 12V(24V) +VE 10 Amp **BATTERY Supply**

Pin (2) BLACK 12V(24) -VE **Ground**

The battery supply, Pin 1 must provide power, even when the vehicles battery isolator is operational, for timer operation to work.

- **Leave Sentinel 300 unit's power button on (depressed).**
- **The unit will now automatically start with a 12(24)V +VE from Switch source and run for 60 Minutes after the Switch power is disconnected.**

Please e mail jo@g2-sr.com or visit our web site www.g2-sr.com for additional or audited information.

Routine Maintenance:

<u>This unit contains no filtration device. No internal maintenance is required.</u>

- Lightly brush dust off fan covers once a week or when necessary.

Troubleshooting:

Unit will not operate when plugged in and On/Off Button depressed on

- Check 10A fuse in holder, side of unit – replace if blown.
- Check 10A fuse in Cigarette lighter adaptor – replace of blown.
    - If in timer mode:
        - Check Battery Feed and any fuses.
        - Check Switch Feed and any fuses.

Unit Makes a noise on start-up.

- This is normal, unit self-cleans upon start up and every 72 hours of continues operation automatically.

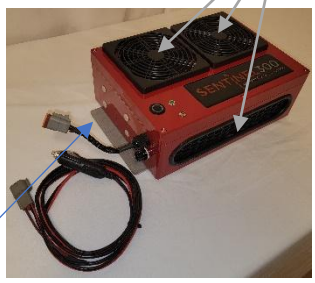
Red light on unit stays illuminated when turned on.

- Unit has an internal fault and needs to be returned to manufacturer.

Installation Guide:

- This unit must be installed in a manner where the units' air inlets/ outlets will not be blocked or obstructed.
- The unit shall be positioned in a manner to allow air flow to circulate in the vehicle interior.
- The unit can be mounted vertically or horizontally on any surface capable of affixing a 7-pound box, using no less than 4 x #6 size screws or bolts.
- The unit shall be mounted using the supplied mounting plates, with a minimum of 2 screws or bolts per plate.
- Screws and bolts should be located1 ½" from either end, centered on the plate. Additional screws and bolts may be used.

Keep inlet and outlet clear of obstruction.



Mount using plate attached to the box. Use **minimum 2 bolts or screws per plate** and use a **minimum of #6 size bolt or screw.**

Warranty:
Equipment manufactured by Semper Fire, LLC is warranted by Semper Fire, LLC to be free from defects in workmanship or materials for a period of one year from the date of shipment to the original customer.

<u>Instruction version 1, Current as at 1 December 2023</u>
<u>EPA Est. No. 102911-WI-1</u>