



### Safety First

The Strobe Power Supply can be installed in many different types of vehicles. Important information is contained herein that could prevent serious injury or damage; the installer must read this manual completely before installation.

- Proper installation of this product requires the installer to have a good understanding of automotive electronics.
- When drilling holes, the installer MUST check both sides of the mounting surface to be sure that no vital vehicle components/parts could be damaged.
- Do not install where it'll interfere with the air bag. Refer to your vehicle owner's manual for the air bag deployment area. The User/Installer assumes full responsibility to determine proper mounting location, based on providing ultimate safety to all passengers inside the vehicle.
- For this product to operate at optimum efficiency, a good electrical connection to chassis ground must be made. The recommended procedure requires the product ground wire to be connected directly to the NEGATIVE (-) battery post.
- If this product uses a remote device to activate or control this product, make sure that this control is located in an area that allows for easy and safe operation in any driving condition.
- It is recommended that this manual be stored in a safe place and referred to when performing maintenance and/or reinstallation of this product.

**FAILURE TO FOLLOW THESE SAFETY PRECAUTIONS AND INSTRUCTIONS COULD RESULT IN DAMAGE TO THE PRODUCT OR VEHICLE AND/OR SERIOUS INJURY TO YOU AND YOUR PASSENGERS!**

- I. **Mounting Power Supply.** Mount on metal surface for heat dissipation and ensure that it's not exposed to water and to potential damage from loose equipment.

**Warning:** This is a high voltage device, do not touch or remove strobe light head while in operation. Wait at least 10 minutes after disconnecting from its power source before starting work or troubleshooting.

- II. **Installing Strobe Heads.** Install in head lights, tail lights or signal lights by drilling 1 inch holes. Route the extension cables from the Strobe Heads to the Power Supply.

**Note:** for 4 Outlet Power Supply: Heads 1,3 alternate 2,4  
for 6 Outlet Power Supply: Heads 1,3,5 alternate 2,4,6

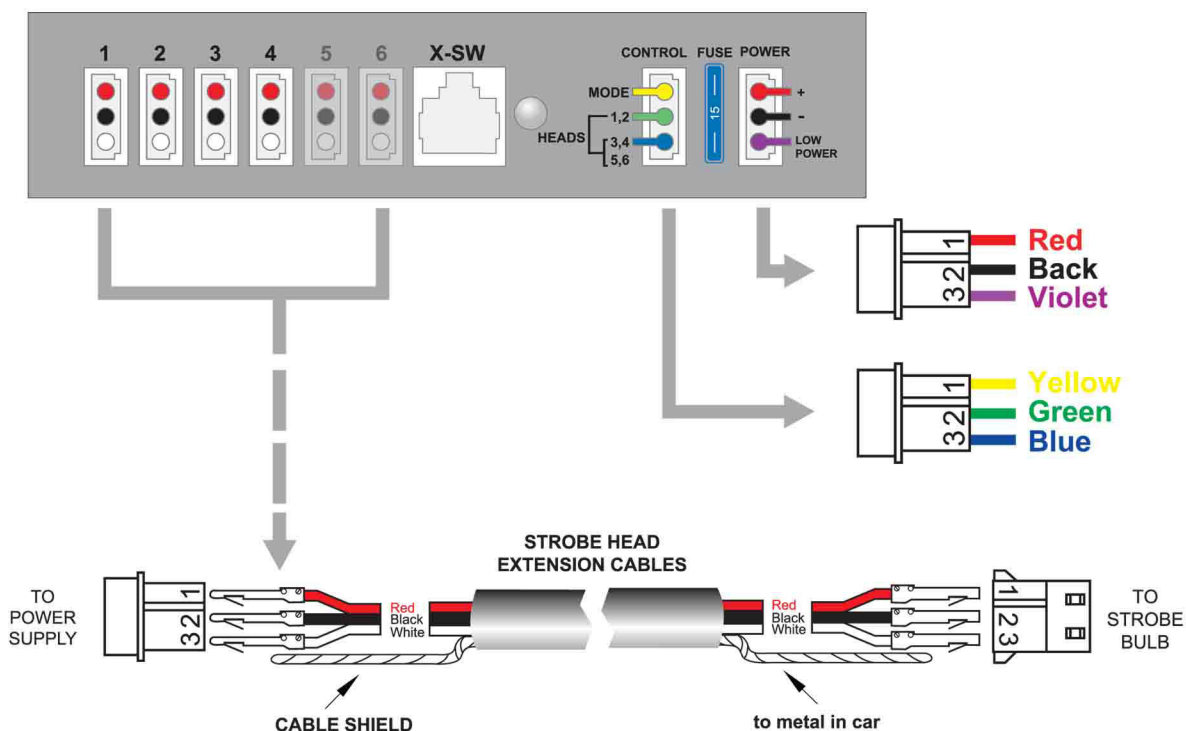
- III. **Wiring Power Harness.** Connect **RED** wire to battery (+) or a fuse (at least 15Amps); connect **BLACK** wire to battery (-) or directly to vehicle chassis. Connect **VIOLET** (HI/LO) wire to the user-supplied switch for High/Low Power function. Otherwise leave disconnected or connect to GROUND for High Power mode.

**Warning:** All user-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 the load!

**Note:** Use the correct size wire for power connections. The length of the wires determines the size needed.

- 1 to 7 ft. use 18AWG wire.
- 7 to 14 ft. use 16AWG wire.
- 14 to 25 ft. use 14AWG wire.
- 25 to 35 ft. use 12AWG wire.

## CONNECTION DIAGRAM



**IV. Wiring Control Harness.** The **YELLOW** wire is for flash pattern selection; momentarily apply +voltage to change to the next flash pattern. Momentarily apply for 2 seconds to change to the previous pattern. Momentarily apply for 5 seconds to reset to FP#0.

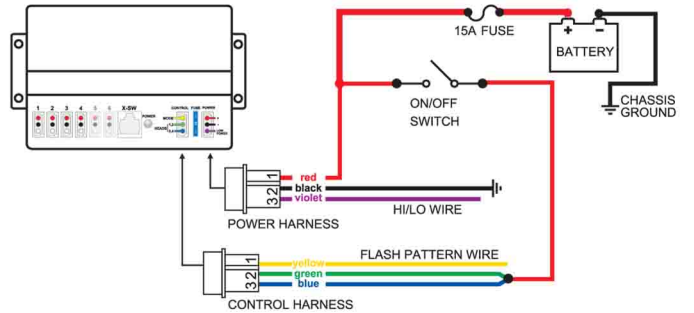
FP#	FLASH PATTERN
0	DEMO
1	QUAD
2	QUINT
3	DOUBLE
4	TWIN DOUBLE
5	MEGA
6	QUINT MEGA
7	DOUBLE QUINT
8	DOUBLE DELAY
9	SINGLE H/L
10	WAVE
11	SINGLE-TRIPLE-QUINT
12	SINGLE-QUAD
13	DUAL: QUINT
14	DUAL: SINGLE-TRIPLE-QUINT
15	DEF JAM MODE

When **GREEN & BLUE** wires are connected to +voltage:

- for 4 Outlet Power Supply: The **GREEN** wire activates heads 1,2. The **BLUE** wire activates heads 3,4.
- for 6 Outlet Power Supply: The **GREEN** wire activates heads 1,2. The **BLUE** wire activates heads 3,4,5,6.

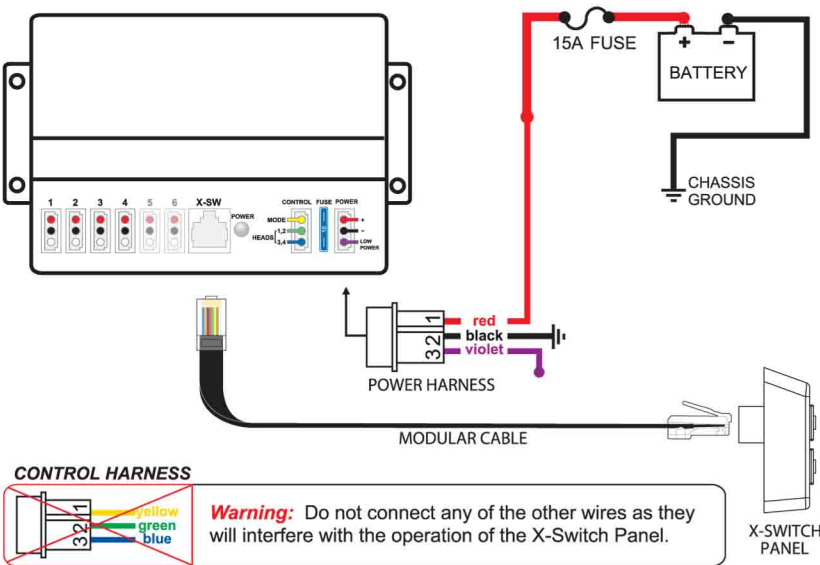
**V. Wiring Control to an ON/OFF switch.**

Connect **GREEN** and **BLUE** wires to the switch. Then pre-select flash pattern by touching **YELLOW** wire to **RED** wire (+voltage). Once flash pattern is selected, connect **YELLOW** to ground. This will be the flash pattern in use when the strobes are switched on.



**NOTE:** Additional ON/OFF switch can be added to enable other functions such as HI/LO power function.

**VI. Wiring Control to X-Switch Panel (sold separately).**



**Installing the X-Switch Panel**

Mount by using the 2 holes at the top with the 2 supplied screws.

Plug modular cable to the back of the panel, and plug the other end to the power supply.

**NOTE:** Connect only the RED and BLACK wires on the power supply wiring harness.

**Operating the X-Switch Panel**

**POWER ON button**  
Activates the switch panel

**NOTE:** when activated, the panel will recall the state of all the buttons.

**LOW POWER button**  
Enables/Disables low power function which reduces intensity of the strobe output.

**NOTE:** LEDs are lit when activated

**FLASH PATTERN button**  
Changes flash pattern:  
\* Push once to advance to next pattern.  
\* Push & hold 2 seconds for previous pattern.  
\* Push & hold for 5 seconds to reset to FP#0.  
**NOTE:** LED blinks according to flash pattern.

**HEADS 3,4,5,6 button**  
Enables/Disables  
\* outlets 3,4 (for 4 outlet power supply).  
\* outlets 3,4,5,6 (for 6 outlet power supply).

**HEADS 1,2 button**  
Enables/Disables outlets 1,2.