

EZPANEL1

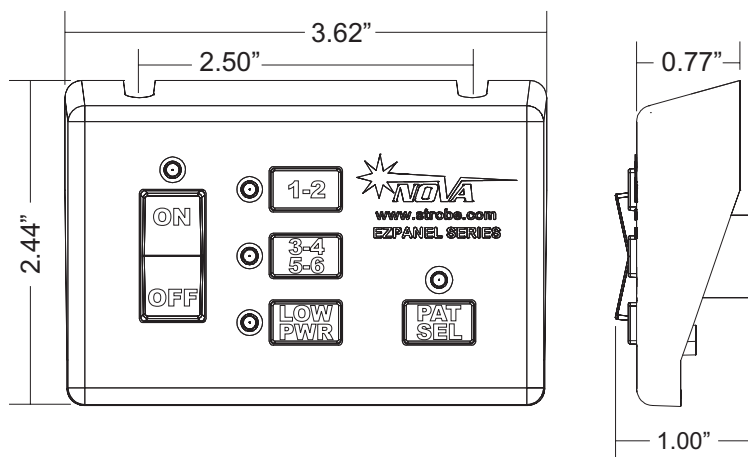
ELECTRONIC CONTROL PANEL



TECHNICAL SPECIFICATIONS

INPUT VOLTAGE +10 to 30 Volts dc.
 INPUT CURRENT 25ma Max, 5ma in standby.
 ITEMS INCLUDED:
 (1) CONTROL PANEL
 (1) 14 FOOT MODULAR CABLE
 (2) #8 X 3/4" MOUNTING SCREWS

DIMENSIONS



INSTALLATION

The EZPANEL1 is only for use with strobe power supplies having a connector labeled "EZ PANEL". Using the EZPANEL1 with any other power supply may damage the panel, power supply or both.

MOUNTING:

The EZPANEL1 is mounted using the two slots at the top of the bracket. Two #8 drill point screws are included.

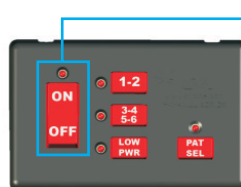
PANEL WIRING:

Plug either end of the included MODULAR CABLE into the back of the EZPANEL1. Plug the other end into the power supply. The EZPANEL1 receives power through this cable. A 9/16" hole is required to route the cable through any vehicle chassis panels.

POWER SUPPLY WIRING:

Connect **ONLY** the **RED** and **BLACK** wires on the power supply wiring harness. Do not install the CONTROL connector. Remove the **VIOLET** wire. Connecting any of the other control wires will interfere with the operation of the EZPANEL1.

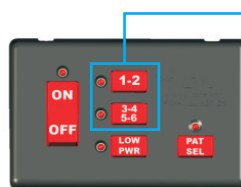
USING THE EZPANEL1



ON/OFF SWITCH:

Press the top of the switch to turn the power supply ON. The indicator LED will light. Press the bottom of the switch to turn the power supply OFF. The indicator LED will turn off.

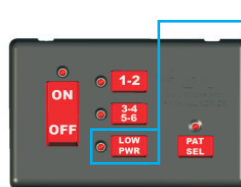
NOTE: The state of the Outlet Selection buttons, Low Power button and flash pattern will be remembered when the panel is turned on/off.



OUTLET SELECTION:

1-2 Button enables/disables power supply outlets 1 and 2.
 3-4 5-6 Button enables/disables power supply outlets 3-4 on a 4 outlet supply and outlets 3-4-5-6 on a 6 outlet supply.

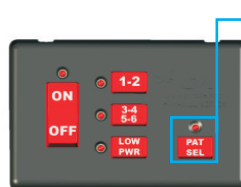
The LED indicators show the outlets that are enabled.



LOW POWER

Activates the LOW POWER function on the power supply. This reduces the intensity of the strobe lights and is typically used for nighttime use. See power supply install sheet for details.

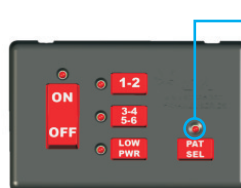
The LED indicator lights when LOW POWER is enabled.



PATTERN SELECT

Press PAT SEL to advance to the next flash pattern in the list. See power supply install sheet for the full list of flash patterns.

The LED indicator gives a visual indication of the selected flash pattern and also serves as a diagnostic indicator.

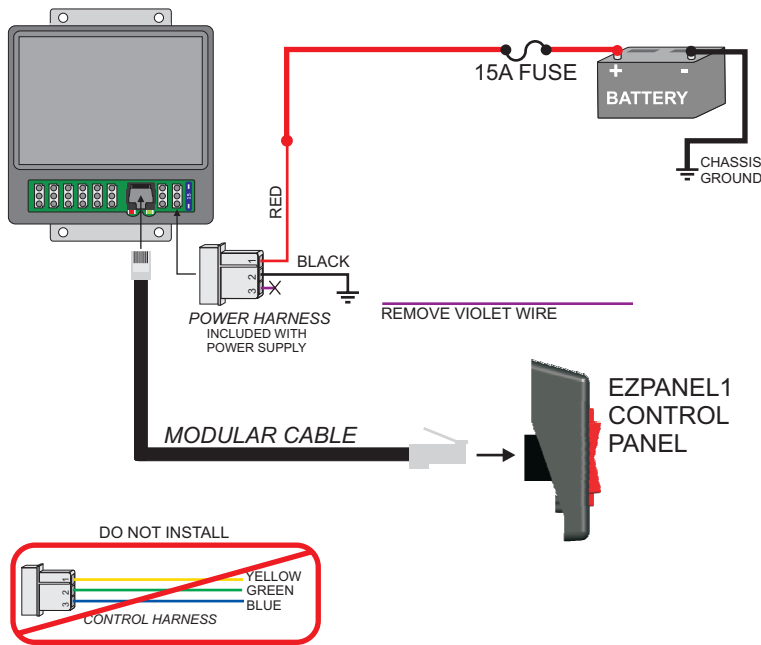


DIAGNOSTIC INDICATOR

The LED indicator gives a real-time indication of power supply operation. It also indicates a short circuit condition on any of the strobe heads.

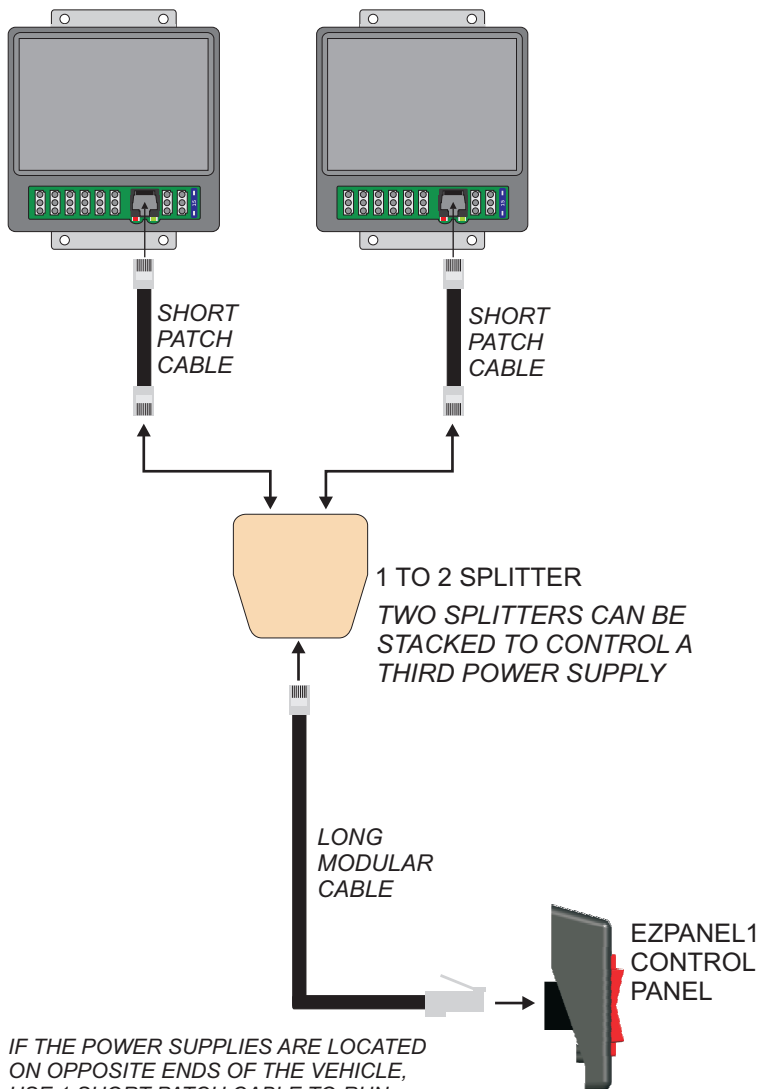
See OUTPUT INDICATOR section of the power supply install sheet for troubleshooting steps.

WIRING DIAGRAM



MULTIPLE POWER SUPPLIES

One EZPANEL1 can control up to a maximum of 3 power supplies using splitters and patch cables.



IF THE POWER SUPPLIES ARE LOCATED ON OPPOSITE ENDS OF THE VEHICLE, USE 1 SHORT PATCH CABLE TO RUN TO THE SPLITTER AND 2 LONG CABLES TO RUN TO THE POWER SUPPLIES...

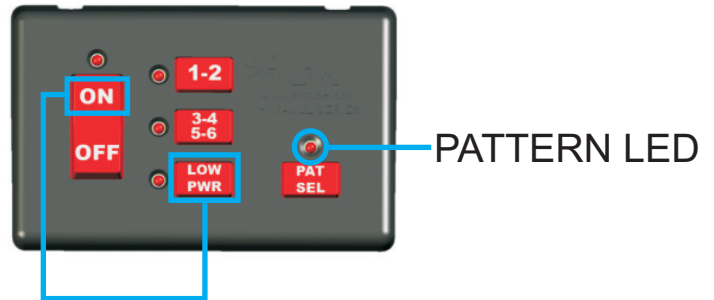
DISABLE PATTERN LED

When using one EZPANEL1 control panel with 2 or 3 power supplies, the LED indicator above the PAT SEL button will appear to flash erratically. This is because the flash patterns of two or more power supplies will not be in perfect time with each other. The LED will blink whenever any one of the strobe heads fire.

If this is distracting, or you do not wish to see the LED indicator blinking you may disable it.

Press ON and LOW PWR buttons at the same time to disable the PATTERN LED.

Press ON and LOW PWR buttons at the same time again to enable the PATTERN LED.



ACCESSORIES

PART NUMBER	DESCRIPTION
EZPANELCBL14	14' MODULAR CABLE FOR EZPANEL SERIES SWITCH PANELS
EZPANELCBL1	SHORT PATCH CABLE FOR EZPANEL SERIES PANELS. (1 FT)
EZSPLITTER2	SPLITTER TO ALLOW ONE PANEL TO CONTROL TWO POWER SUPPLIES

WARRANTY

WARRANTY PERIOD: 2 YEARS

NOVA ELECTRONICS, INC. warrants its products to be free from defects in materials and workmanship, under normal use, for the warranty period stated below, from the date of purchase or delivery, whichever is later. During this warranty period, the Nova Repair Center will repair or replace, at its option, any parts or electronic assemblies of the unit which, upon inspection, reveal a defect in material or workmanship. Warranty service will be provided during the warranty period to any Nova consumer (ultimate user) at no cost if the defective product is returned to the Repair Center, shipping prepaid. Nova will pay for return shipping.

This warranty does not apply to any Nova product that has failed due to: improper installation, excessive voltages, unauthorized alterations, inadequate wiring, or circuit protection, or other use or installation contrary to Nova's recommendations; abuse, misuse, inadequate maintenance, unconventional use, or accidental damage. Nova assumes no liability for any incidental or consequential damages, expenses incurred in removal or reinstallation, expenses for packaging, handling and shipping to the repair center, or the cost of special access equipment.

Nova reserves the right to discontinue any product without prior notice, or to implement design improvements to any product without prior notice.

There are no other warranties, express or implied, including but not limited to any implied warranties of merchantability or fitness for a particular purpose.