



# **ULTRA-LITE SERIES Installation Guide**

## **Model# X-PDC-24402**

### **150 Amp Model**



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Thank you for purchasing Wired Rite's **ULTRA-LITE 150 Amp** Power Distribution Center. This product has been designed to ease the installation of electrical accessories to your vehicle. Not only will you reduce installation time by the centralization of your accessories' fuse protection, but servicing the vehicle's electrical system is also simplified.

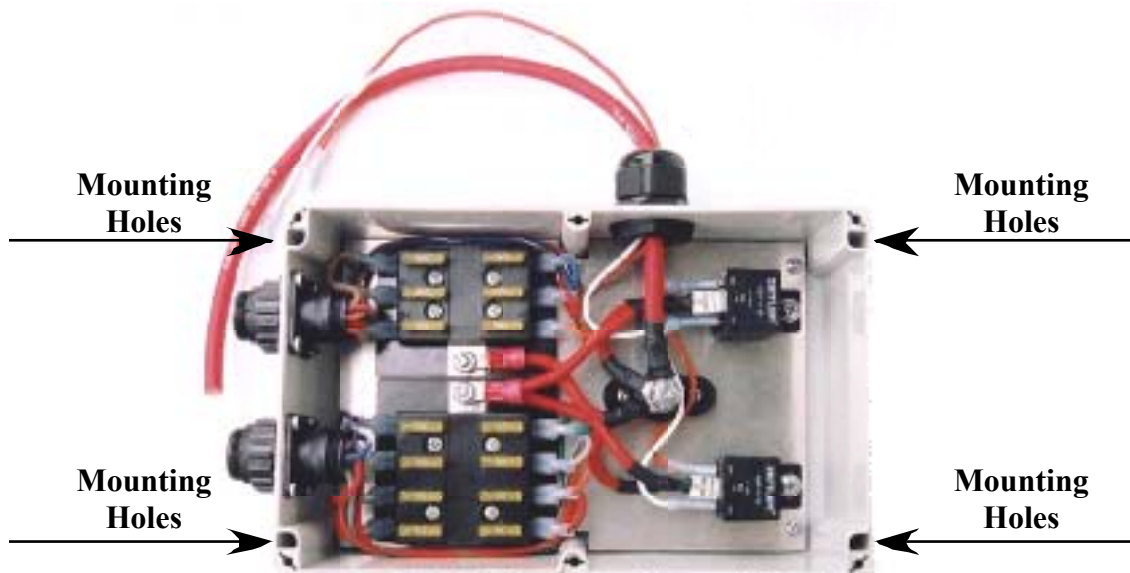
#### **Installation:**

##### **1) MOUNTING**

Your ULTRA-LITE PDC has been built inside a splash-proof enclosure, and can be mounted in numerous locations on the vehicle. It is not recommended to mount your ULTRA-LITE in areas that could be submitted to extremely harsh weather or road conditions.

The ideal location for mounting the Ultra-PDC is within an enclosed environment that is easily accessible (i.e. the cab, a tool box, under the hood, etc.)

Remove the clear lid of the Ultra-PDC and locate the four mounting holes located in each of the four corners of the enclosure, next to the lid's mounting holes. To maintain the integrity of the enclosure, mount it to the desired location by attaching your hardware through these mounting holes.



## 2) WIRING

### Inputs:

- **Battery** - Red 4 AWG - Attach to the positive 12 volt Vehicle Battery.
- **Ignition** - Orange 14 AWG - Connect to keyed source to power up your ULTRA-LITE's switched fuse block.
- **Ground** - White 14 AWG - Chassis ground

### Outputs:

Your electrical accessories can now be wired through the supplied connectors and pin kits.

The ULTRA-LITE Model# X-PDC-24402 has one IGNITION fed fuse block (8 position) and one HOT fuse block (6 position). Each fuse block has its own output connector labeled in the Wire Designation list below as IGN for Ignition and HOT for Battery Hot.

Run the correct wire gauge from the ULTRA-LITE to the accessories positive input and chassis ground to its negative input.

### WIRE DESIGNATIONS

Circuit #	Connector #	Gauge	Color	Imprint	Function
1 - INPUT	LOOSE WIRES	4	RED	020	BUSS
2 - INPUT	LOOSE WIRES	14	ORANGE	IGN	IGNITION
3 - INPUT	LOOSE WIRES	14	WHITE	GND	GROUND
4 - OUTPUT	IGN	16	PURPLE/GREEN		
5 - OUTPUT	IGN	14	BLUE		
6 - OUTPUT	IGN	14	GREY		
7 - OUTPUT	IGN	14	RED		
8 - OUTPUT	IGN	16	ORANGE		
9 - OUTPUT	IGN	14	RED/GREEN		
10 - OUTPUT	IGN	14	GREY/BLACK		
11 - OUTPUT	IGN	14	BLUE		
12 - OUTPUT	HOT	16	PINK/GREEN		
13 - OUTPUT	HOT	16	ORANGE/YELLOW		
14 - OUTPUT	HOT	14	TAN		
15 - OUTPUT	HOT	14	BLUE/WHITE		
16 - OUTPUT	HOT	14	RED/WHITE		
17 - OUTPUT	HOT	16	ORANGE/BLUE		

The **ULTRA-LITE SERIES Model# X-PDC-24402** comes pre-wired with 10 amp fuses installed in the circuit breaker / fuse blocks. The fuses can be replaced or upgraded in amperage, however, not to exceed a total of 150 Amps.