



# **ULTRA-LITE SERIES Installation Guide**

## **Model# X-PDC-24404**

### **80 Amp Model**



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Thank you for purchasing Wired Rite's **ULTRA-LITE 80 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.

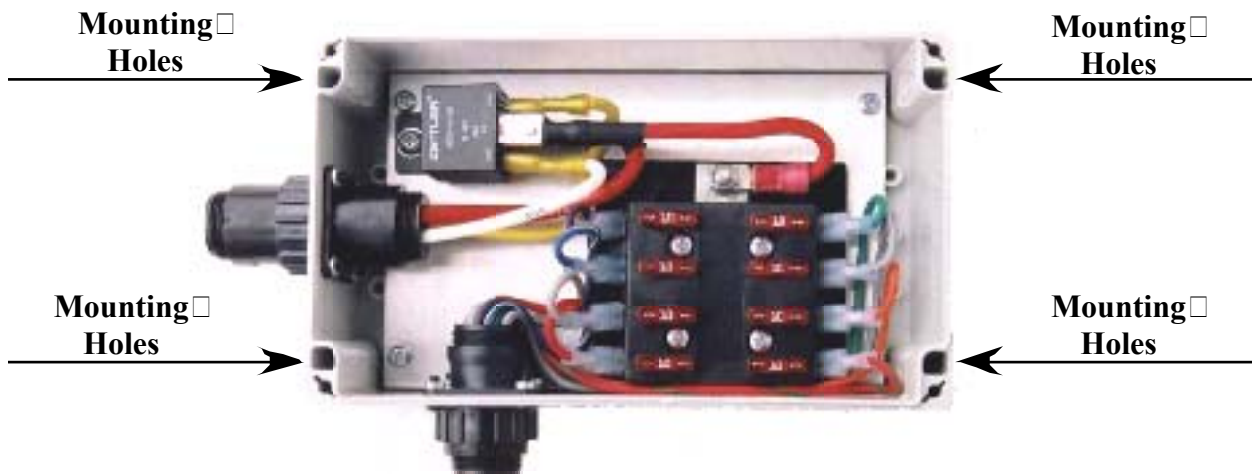
#### Installation:

##### 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 8 AWG - Attach to the positive 12 volt Vehicle Battery.
- **Ignition** - Orange 10 AWG - Connect to keyed source to power up your ULTRA-LITE's switched fuse block.
- **Ground** - White 10 AWG - Chassis ground

### Outputs:

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

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	1	8	RED	020	BUSS
2 - INPUT	1	10	WHITE	GND	GROUND
3 - INPUT	1	10	YELLOW	IGN	IGNITION
4 - OUTPUT	2	16	PURPLE/GREEN		
5 - OUTPUT	2	14	BLUE/WHITE		
6 - OUTPUT	2	14	GREY		
7 - OUTPUT	2	14	RED		
8 - OUTPUT	2	14	GREEN/BLUE		
9 - OUTPUT	2	14	GREY/PURPLE		
10 - OUTPUT	2	16	ORANGE		
11 - OUTPUT	2	14	RED/GREEN		
12 - OUTPUT	2	14	GREY/BLACK		
13 - OUTPUT	2	14	BLUE		

The **ULTRA-LITE SERIES Model# X-PDC-24404** comes pre-wired with 10 amp fuses installed in the circuit breaker / fuse block. The fuses can be replaced or upgraded in amperage, however, not to exceed a total of 80 Amps.

**Custom Harnessing** is available. Please contact our Customer Service Department for more information.