

Important Safety Instructions

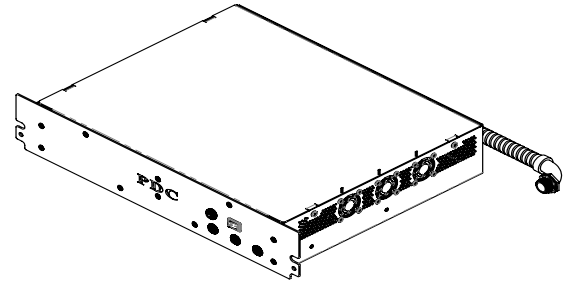
When using electrical equipment, basic safety precautions should always be followed including the following:

Read And Follow All Safety Instructions

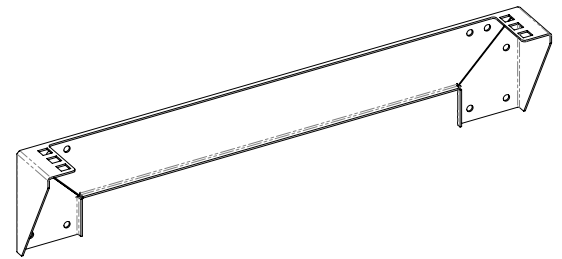
1. Warning: This equipment must be installed, operated and serviced only by trained, qualified individuals.
2. Warning: Due to risk of electric shock, only a licensed electrician should install this unit in strict compliance with the National Electric Code and any state, local or municipal code which may apply.
3. Warning: This equipment is not for use in hazardous combustible atmospheres as defined by the National Electrical Code.
4. For use with PDC Facilities Inc. LP, PR, PAR, Directional and Strip Light Series low voltage lighting system only. *Pour utilisation avec PDC Facilities Inc. LP, PR, PAR, Directional and Strip Light Series système d'éclairage à basse tension seulement.*
5. Dry locations only. *Pour emplacements secs seulement.*
6. Wall Only. *Mur seulement.*
7. Do not conceal or extend exposed conductors through a building wall.
8. To reduce the risk of fire and burns, do not install this lighting system where the exposed bare conductors can be shorted or contact any conductive materials.
9. To reduce the risk of fire and overheating, make sure all connections are tight.
10. Do not install any luminaire closer than 6 in (152 mm) from any curtain, or similar combustible materials.
11. For low voltage exposed insulated conductor systems required: Do not install any part of this system less than 7 ft (2.2 m) above the floor.

Save These Instructions For Future Reference

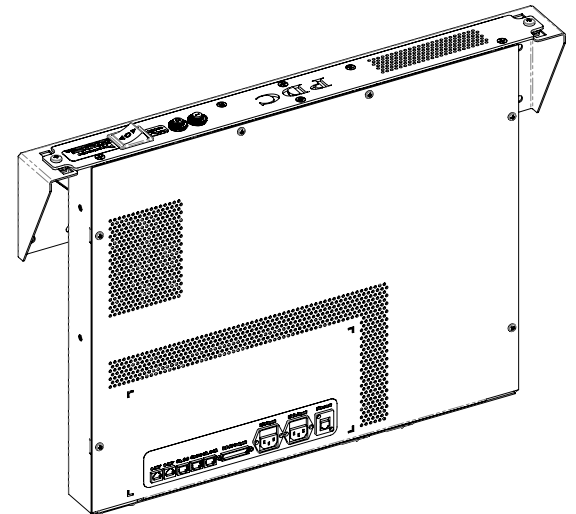
1-05-000001 - RGB Linear Power Supply



3-06-000002 - Wall Mount Bracket

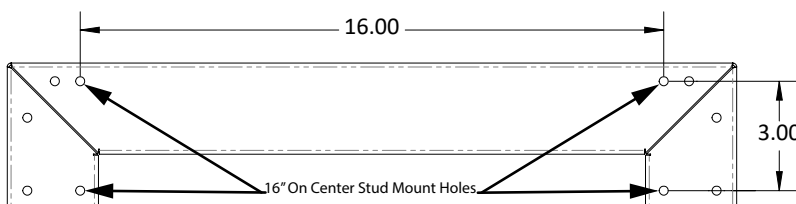


1-06-000004 - Wall Mount Assembly



Installation:

Diagram 1 Stud Mount Holes



Mounting: Stud Mount Bracket Installation

Step 1:

Determine the mounting location by holding the frame at the desired position on the wall.

Note: Not intended for use in metal studs.

Step 2:

To mark the hole position, use the 4 holes identified in **Diagram 1** to mark the mounting surface for the location of the screws.

Note: The Auger Style Anchors are not required when installing directly into the Wall Studs.

Diagram 2 Drywall Mount Holes

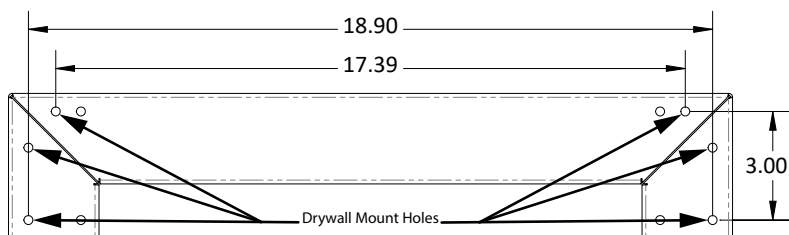


Diagram 3 MZPS Lighting Controller Installation

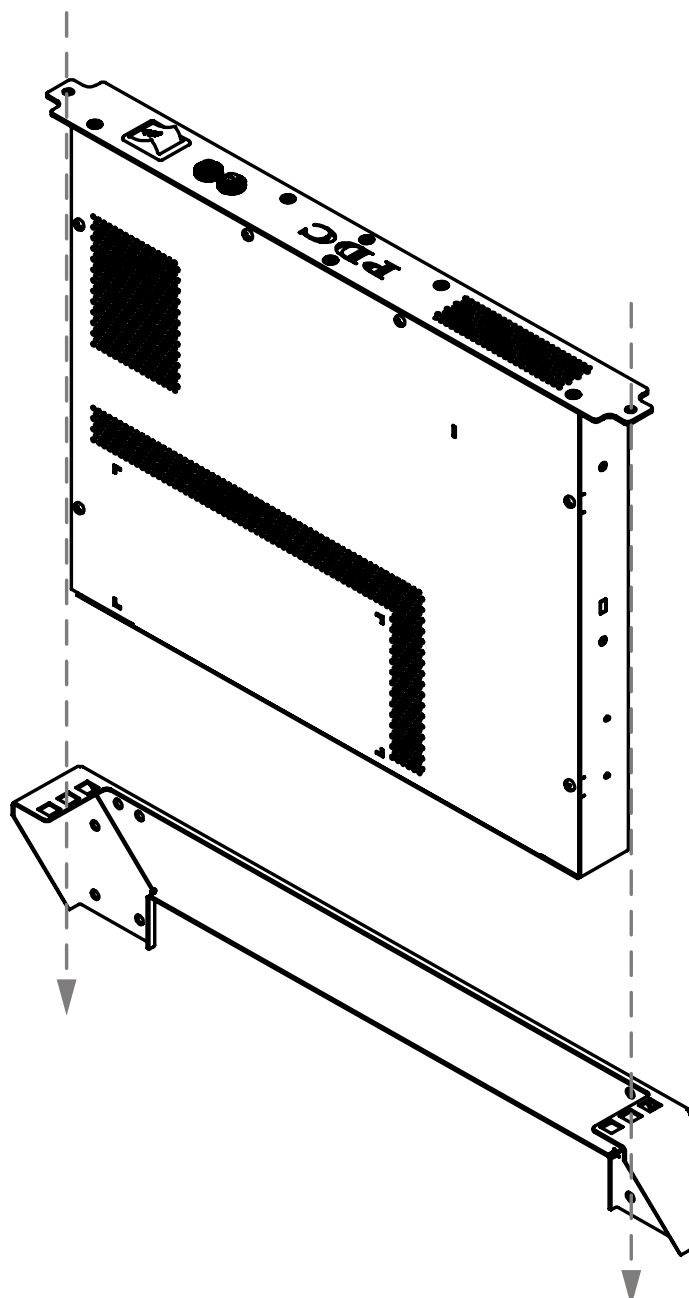
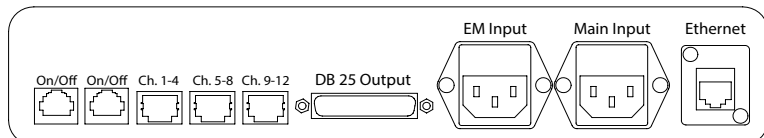


Diagram 4 Rear Connection Diagram



Step 3:

Using the 4 Anchor Screws supplied in the kit, install the frame in the location marked in Step 1.

Drywall Mount Bracket Installation

Step 1:

Determine the mounting location by holding the frame at the desired position on the wall.

Step 2:

To mark the hole position, use the 6 holes identified in **Diagram 2** to mark the mounting surface for the location of the Auger Style Anchors. Install the 6 anchors in the marked locations.

Step 3:

Using the 6 screws supplied in the kit, install the frame in the location marked in Step 4.

MZPS Lighting Controller Installation

Step 1:

Once the mounting bracket is securely installed, slide the MZPS Lighting Controller into the bracket with the wire connections facing down. See **Diagram 3**.

Step 2: Secure the MZPS Lighting Controller using the provided hardware.

Step 3: Make wiring connections per the System Wiring Diagrams Options Section.

Electrical Connections:

Step 1:

The MZPS requires a 90-264VAC; 47/63Hz 20A dedicated outlet within 3 feet (1 meter) of the mounting location.

Step 2:

The MZPS is equipped for Mains power and Backup power. See **Diagram 4**. Before connecting Mains or Backup power, ensure the Power Entry Module(s) are in the Off (O) position.

Step 3:

The front panel power switch allows the user to toggle between Mains power, Backup power and Off (O). During installation, ensure the toggle is in the Off (O) position.

Note:

Follow all manufacturer's installation instructions when connecting the RJ11 output to a manual dimmer.

Step 4:

The two RJ11 outputs may be connected to a Mark 7; 0-10V Dimmer. Connect the RJ11 Cable to the corresponding output at the rear of the power supply. Use momentary DPST SWITCH. See **Diagram 5**.

Note:

All wiring/cables entering the MRI environment must be properly filtered. PDC recommends the use of shielded cable(s) from power supply to filter pack in MRI applications.

Diagram 5 Dimmer Switch Connection

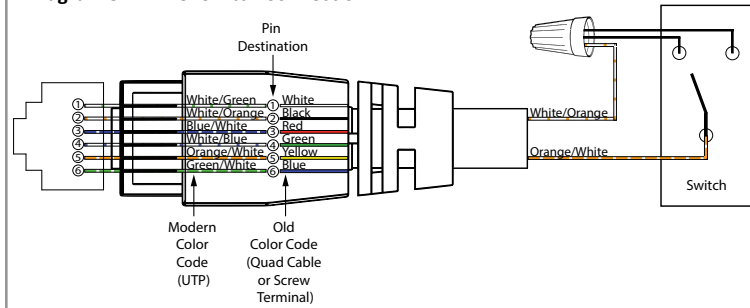


Diagram 7

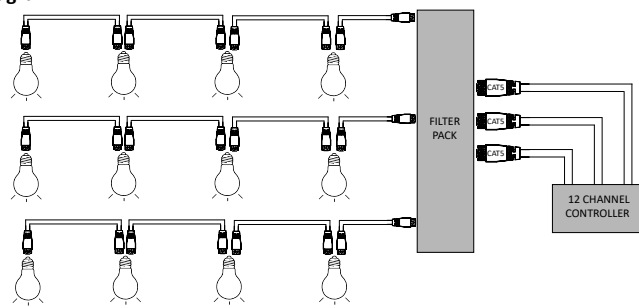


Diagram 6

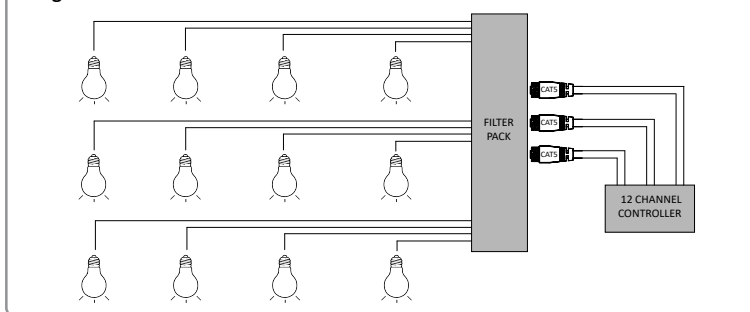
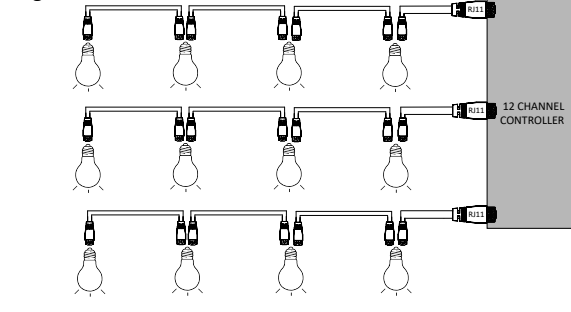


Diagram 8



Step 5:

The RJ45 outputs located at the rear of the MZPS are the connected to the Multi Zone Power Interface located at each LED fixture. In MRI environments, the RJ45 cable will be routed through appropriate RF filters before entering the scan room.

Step 6:

Connect the RJ45 cable from the rear output of the MZPS to the RJ45 connector labeled “In” on the first (if series) Multi Zone Power Interface on the luminaire.

Step 7:

The MZPS and LED Lighting are controlled by a Touchpad device and the PDC proprietary LED Lighting Application (App). Located at the rear of the MZPS is a CAT6 output. Connect the output to a network switch or directly to a Wi-Fi router using CAT5e/6 cable only.

The Wi-Fi router/Access Point, should be located in the vicinity of the Touchpad device. Follow all manufacturer’s instructions for installation of the Wi-Fi router/access point.

Note:

All electrical connections should be made, including the grounding before power is applied.



Directive 2012/19/EU (WEEE - Waste Electrical and Electronic Equipment): Information for Users

This product complies with EU Directive 2012/19/EU. The crossed out wheeled bin symbol on the article means that at the end of its useful lifespan, this product must not be disposed of with your other household or municipal waste. This product has required the extraction and use of natural resources for its production. It may contain hazardous substances that could impact health and the environment if not properly disposed. In order to avoid dissemination of those substances in our environment and to diminish the pressure on the natural resources, the user is responsible for delivering the appliance to an appropriate collection facility at the end of its useful lifespan. The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information on available collection facilities contact your local waste collection service or the place of purchase.