



PDI-750AS and PDI-750XL Individual Power Supply Instruction Manual

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MODEL NUMBER: **PDI-750AS & PDI-750XL**
Individual Power Supply
Document Number: **PD196-026R11**
INSTALLATION INSTRUCTIONS

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PDI-750AS and PDI-750XL Individual Power Supply

NOTE: UPDATED INSTALLATION INSTRUCTIONS AND ALL FUTURE REVISIONS FOR THE PDI750AS INDIVIDUAL POWER SUPPLY WILL BE FOUND UNDER PD196-436.



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit.



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.



CAUTION
RISK OF ELECTRIC SHOCK,
DO NOT OPEN!



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER SERVICE ABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL

THIS INSTALLATION SHOULD BE MADE BY A QUALIFIED SERVICE PERSON AND SHOULD CONFORM TO ALL LOCAL CODES. READ AND FOLLOW THE SAFETY INSTRUCTIONS BEFORE ATTEMPTING THIS INSTALLATION.

Underwriters Laboratories

The power supply models PDI-750AS and PDI-750XL are Hospital Grade specialized power supplies and should be installed to National Electrical Code specifications.

This device is safety tested and listed by the Underwriters Laboratories as a product suitable for use in health-care facilities in both the United States and Canada.



NOTE to CATV system installer:

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

GUIDELINES

1. **LOCATION** – Locate a mounting position for the power supply near the suspension arm and an AC wall outlet.
Please note that the supply mounts with the AC line cord pointed down.
2. **MOUNTING TEMPLATE** – Position the mounting template on the desired wall location. Mark the mounting hole locations.
3. **HARDWARE REQUIREMENTS** – Required hardware for mounting the 750AS or 750XL. Hardware is not supplied with the wall bracket. **DRY WALL** – Use two ¼” – 20 toggle bolts.
MASONRY WALL – Use two ¼” – 20 cement anchors.
Install the proper wall anchor. Thread both bolts into the wall until approximately ½” of the bolt remains exposed.
4. **REMOVE COVER** – Remove two screws from the face of the supply at each corner. Save screws. Loosen two screws on the connector area. Lift and separate the cover from the back enclosure. **NOTE:** Use caution, the power supply is mounted to the cover.

5. **MOUNT ENCLOSURE** – Position exposed bolt heads through the enclosure keyholes.



CERTAIN MODELS WILL HAVE KNOCKOUTS THAT MUST BE REMOVED TO USE THE REAR MOUNTING HOLES IN THE CASTING. REMOVE KNOCKOUTS WITH HAMMER AND PUNCH. POWER SUPPLY MUST BE COMPLETELY DISSASSEMBLED BY REMOVING THE ELECTRONICS SECTION FROM THE CASTING BEFORE INSTALLATION, SEE STEP 4.

Make certain the enclosure seats properly in each keyhole. It may be necessary to alternately remove the enclosure and tighten or loosen each bolt to bring the enclosure snug against the wall. Tighten both mounting bolts.

6. **REPLACE COVER** – Reattach the cover to the mounted enclosure making sure the bottom screws seat in the cover with the washers placed between the cover and enclosure. Insert and tighten the two screws located in the face of the supply at the top corners. Tighten the bottom screws.

7. **CONNECTIONS** – For PDI-750AS, attach coaxial cable from TV to “F” fitting marked “RF/DC OUT”. Attach coaxial cable from Master Antenna TV system to “F” fitting marked “RF IN”.

For PDI-750XL, connect XLR from TV. Connect power cable with IEC320-C13 plug which must be purchased separately.

8. **POWER** – For PDI-750AS, plug AC line cord into 120 VAC outlet. For PDI-750XL, plug AC line cord into 120/240 VAC outlet.

9. **GROUND CONNECTION (PDI-750AS only)** – NOTE: Grounding is required. Use PD106-967, Ground wire (Purchased separately from PDI), or build one on site as described below.



- Obtain 10AWG (or lower) stranded copper wire with 90°C green/yellow-stripe insulation, or as required by local electrical code.

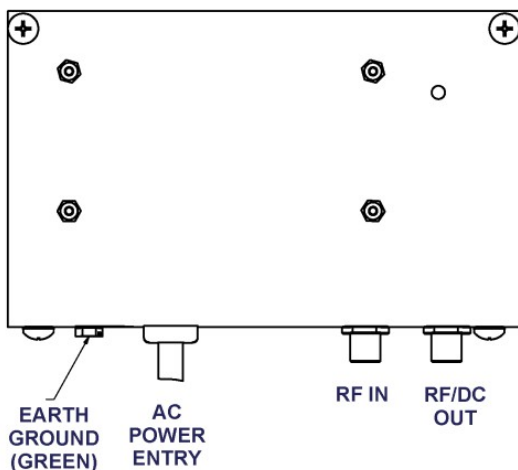
- Terminate the wire at one end with Panduit PV10-8RB or equivalent listed terminal (not included)

for a #8 screw.

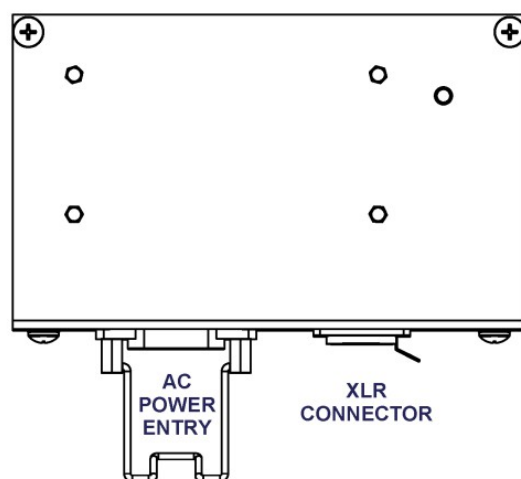
- Terminate the other end with Panduit PV10-6RB or as appropriate for your installation.

- Connect one end of the grounding cable to a permanent earth ground, such as the AC outlet wall plate.

- Secure the Panduit PV10-8RB ring terminal to the #8-32 screw on the power supply.

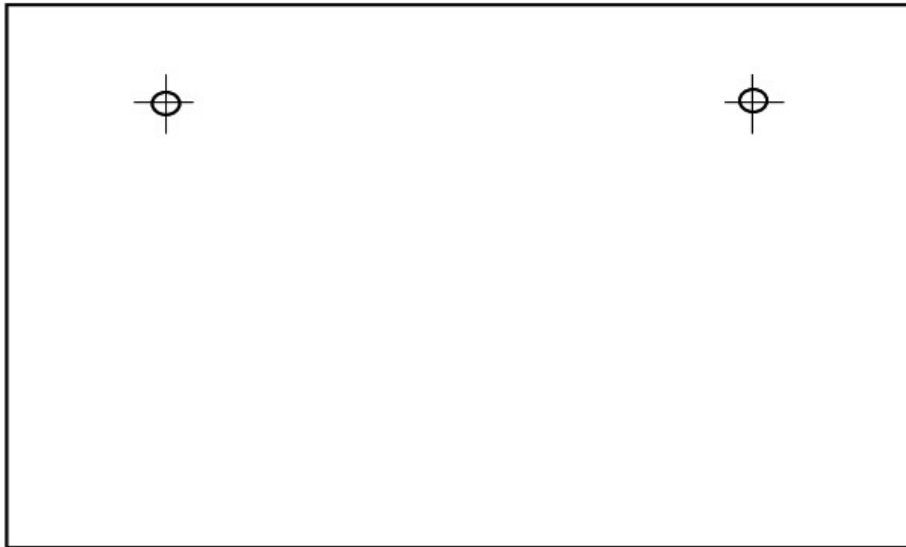


PDI-750AS



PDI-750XL


TOP




POWER SUPPLY MOUNTING TEMPLATE

| PDI-750AS – SPECIFICATIONS | |
|-----------------------------------|----------------------|
| Input | 100-240VAC, 60HZ, 2A |
| Output | 24VDC, 2.5A |
| Insertion Loss (50MHz – 850MHz) | <2dB |
| Return Loss (50MHz – 850MHz) | >6dB |

| PDI-750XL – SPECIFICATIONS | |
|-----------------------------------|-------------------------|
| Input | 100-240VAC, 50/60HZ, 2A |
| Output | 12VDC, 5A |

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Documents / Resources

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|  | <p>PDi PDI-750AS and PDI-750XL Individual Power Supply [pdf] Instruction Manual PDI-750AS and PDI-750XL Individual Power Supply, PDI-750AS, PDI-750XL, PDI-750AS Individual Power Supply, PDI-750XL Individual Power Supply, Individual Power Supply, Power Supply</p> |
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