


	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 SERVICEABLE 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.

	Ce symbole indique qu'une tension dangereuse constituant un risqué de choc électrique est présente dans cet appareil.
	Ce symbole inique qu'il existe des instructions d'utilisation et d'entretien importantes dans la documentation accompagnant cet appareil.

	AVERTISSEMENT	
RESQUE DE CHOC ELECTRIQUE, NE PAS OUVRIR!		
AVERTISSEMENT: AFIN DE REDUIRE LE RISQUE DE CHOC ELECTRIQUE, NE PAS RETIRER LE COUVERCLE, L'APPAREIL NE CONTIENT AUCUN COMPOST SUSCEPTIBLE D'ETRE REPAIRE PAR L'UTILISATEUR. CONFIER L'ENTRETIEN A DU PERSONNEL QUALIFIE		

CETTE INSTALLATION DOIT ÊTRE EFFECTUÉE PAR UN TECHNICIEN QUALIFIÉ ET DOIT ÊTRE CONFORME À TOUS LES CODES LOCAUX. LIRE ET SUIVRE LES CONSIGNES DE SÉCURITÉ AVANT DE PROCÉDER À L'INSTALLATION.

Underwriters Laboratories

The power supply models PDI-750AS and PDI-850XL 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.

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

Disconnection from Mains – The mains plug is used as the disconnecting device, the disconnect device shall remain readily operable.

	MODEL NUMBER: Individual External Power Supply	Document Number: PD196-436R1
	INSTALLATION INSTRUCTIONS	Page 2 of 4

PURPOSE

This document provides the installation instructions for the PDI-750AS and PDI-850XL individual external power supplies.

INSTALLATION

- 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.
- HARDWARE REQUIREMENTS** – Required hardware for mounting the 750AS or 850XL. 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.
- MOUNTING TEMPLATE** – Position the mounting template on the desired wall location. Mark the mounting hole locations.
- 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.
- KNOCKOUTS** – In order to mount the power supply, there may be knockouts in the mounting holes on the rear side that need to be removed.

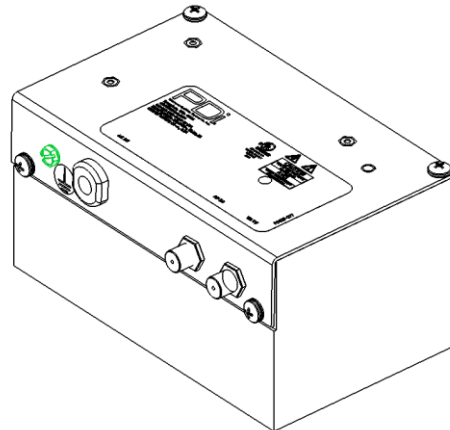
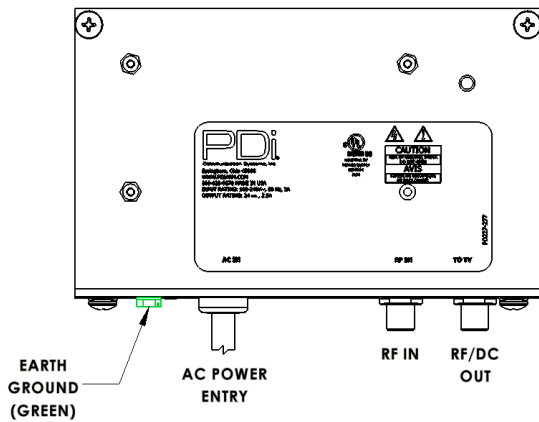


DO NOT REMOVE THE KNOCKOUTS UNTIL THE COVER, ALONG WITH THE ELECTRONICS ATTACHED, HAS BEEN REMOVED.

- Once the cover with the electronics has been removed, remove the knockouts with a hammer and punch.
- MOUNT ENCLOSURE** – Position exposed bolt heads through the enclosure keyholes. 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.
 - 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.
 - 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-850XL**, connect XLR from TV. Connect power cable with IEC320-C13 plug which must be purchased separately.
 - POWER** – For **PDI-750AS**, plug AC line cord into 120 VAC outlet. For **PDI-850XL**, plug AC line cord into 120/240 VAC outlet.
 - GROUND CONNECTION** - NOTE: Grounding is required. Use PD106-967, Ground wire (**Purchased separately from PDI**), or build one on site as described below.

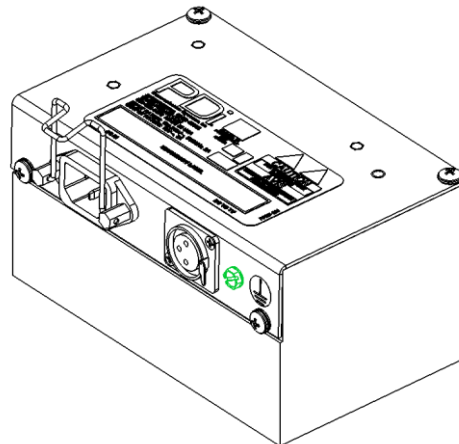
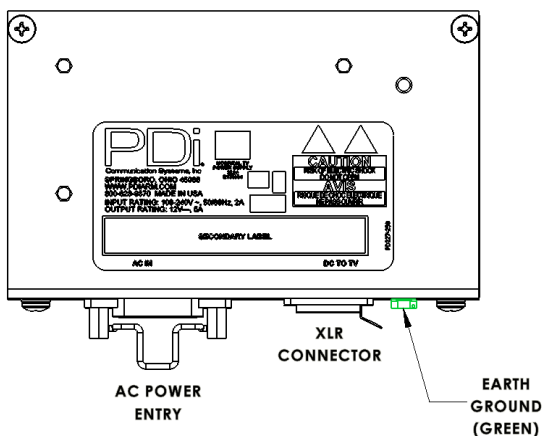


- Obtain 10AWG (or lower) stranded copper wire with 90°C green/yellow-stripe insulation, or as required by local electrical code.
- Terminate the wire at one end with Panduit PV10-8RB or equivalent listed terminal (not included) for a #8 screw.
- Terminate the other end with Panduit PV10-6RB or as appropriate 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 – SPECIFICATIONS

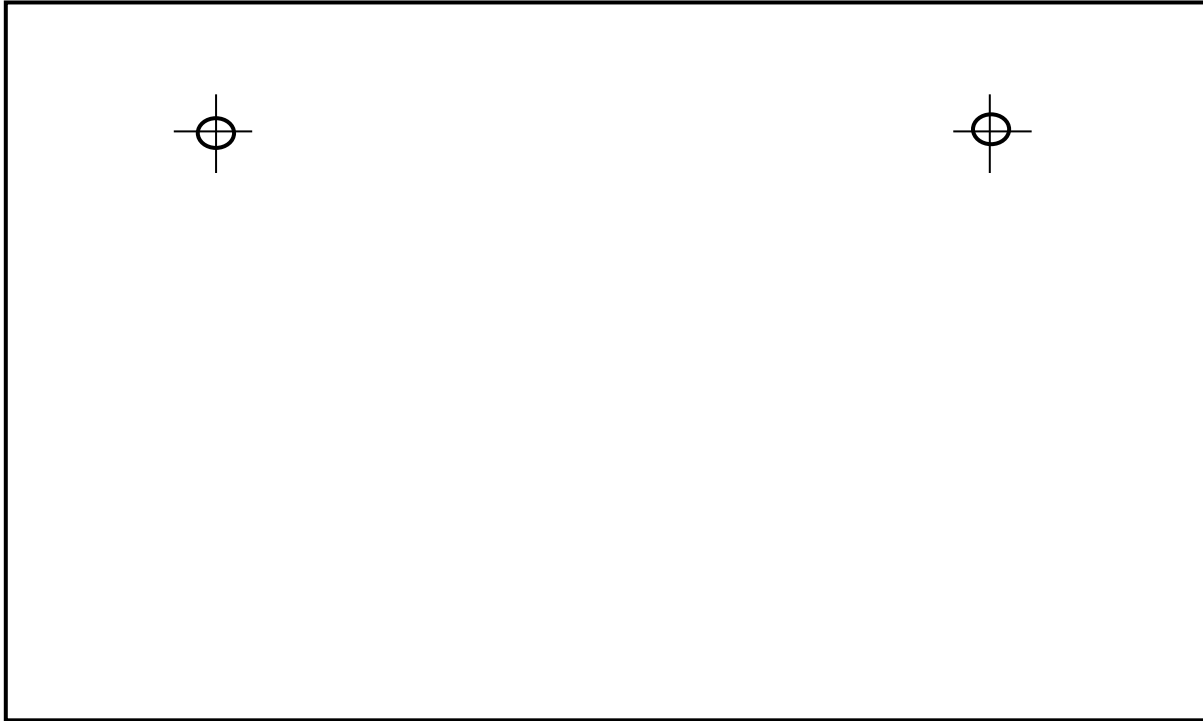
Input	100-240VAC, 60HZ, 2A
Output	24VDC, 2.5A
Insertion Loss (50MHz – 850MHz)	<2dB
Return Loss (50MHz – 850MHz)	>6dB



PDI-850XL – SPECIFICATIONS

Input	100-240VAC, 50/60HZ, 2A
Output	12VDC, 5A

TOP



POWER SUPPLY MOUNTING TEMPLATE