

Crestron **PW-4830DUS**
150 W PoDM Power Pack

Installation Guide



Regulatory Compliance

This product conforms to UL 60950-1; certified to CSA STD C22.2 No. 60950-1.



As of the date of manufacture, the PW-4830DUS has been tested and found to comply with specifications for CE marking.



The specific patents that cover Crestron products are listed at patents.crestron.com.

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This document was written by the Technical Publications department at Crestron.

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Description

The PW-4830DUS is an optional accessory for DM 8G+™ I/O blades (for example, the DMB-4K-O-C 8-Channel DM 8G+ Output Blade). The PW-4830DUS is a high efficiency power pack that supplies up to 150 watts of power to enable PoDM (Power over DigitalMedia™) sourcing capability through any or all of the blade's eight DM 8G+ ports. The PW-4830DUS supports one blade. Systems with multiple DM 8G+ blades require a dedicated PW-4830DUS for each individual blade.

Specifications

Specifications for the PW-4830DUS are listed in the following table.

PW-4830DUS Specifications

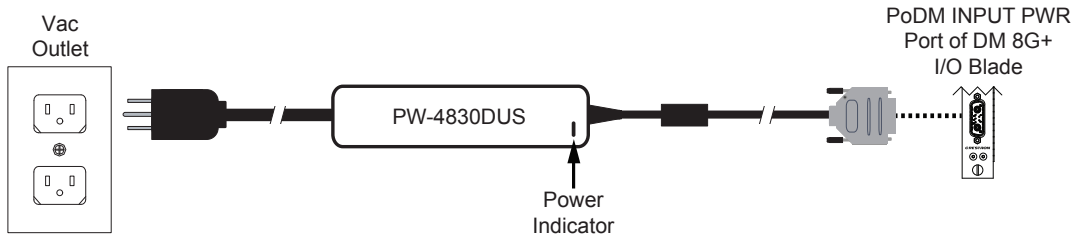
SPECIFICATION	DETAILS
Power Input	<2 A @ 100-240 Vac, 50/60 Hz, using IEC 60320 C14 male chassis plug 3.2 A @ 48 Vdc, regulated, using combo D-sub 7w2 female connector
Output	
Attached Cable Length	6 ft (1.8 m) dc cable
Supplied Cable Length	6 ft (1.8 m) ac cable
Environmental Temperature Humidity	32° to 104° F (0° to 40° C) 10% to 90% RH (non-condensing)
Dimensions Height Width Depth	1.52 in (39 mm) 2.45 in (63 mm) 7.56 in (192 mm)
Weight	1.6 lb (0.7 kg)

Setup

Connect the power pack as follows (refer to the illustration below):

1. Connect the attached 48 Vdc output cable to the **PoDM INPUT PWR** port of a DM 8G+ I/O blade.
2. Attach the included ac line cord to the IEC connector on the power pack.
3. Insert the power pack's ac plug into an active ac outlet. The power indicator lights to indicate that the power pack is powered and functioning.

PW-4830DUS Power Pack Hookup to DM 8G+ I/O Blade



Further Inquiries

To locate specific information or to resolve questions after reviewing this guide, contact Crestron's True Blue Support at 1-888-CRESTRON [1-888-273-7876] or, for assistance within a particular geographic region, refer to the listing of Crestron worldwide offices at www.crestron.com/offices.

To post a question about Crestron products, log onto Crestron's Online Help at www.crestron.com/onlinehelp. First-time users must establish a user account to fully benefit from all available features.

Return and Warranty Policies

Merchandise Returns / Repair Service

1. No merchandise may be returned for credit, exchange or service without prior authorization from Crestron. To obtain warranty service for Crestron products, contact an authorized Crestron dealer. Only authorized Crestron dealers may contact the factory and request an RMA (Return Merchandise Authorization) number. Enclose a note specifying the nature of the problem, name and phone number of contact person, RMA number and return address.
2. Products may be returned for credit, exchange or service with a Crestron Return Merchandise Authorization (RMA) number. Authorized returns must be shipped freight prepaid to Crestron, 6 Volvo Drive, Rockleigh, N.J. or its authorized subsidiaries, with RMA number clearly marked on the outside of all cartons. Shipments arriving freight collect or without an RMA number shall be subject to refusal. Crestron reserves the right in its sole and absolute discretion to charge a 15% restocking fee plus shipping costs on any products returned with an RMA.
3. Return freight charges following repair of items under warranty shall be paid by Crestron, shipping by standard ground carrier. In the event repairs are found to be non-warranty, return freight costs shall be paid by the purchaser.

Crestron Limited Warranty

Crestron Electronics, Inc. warrants its products to be free from manufacturing defects in materials and workmanship under normal use for a period of three (3) years from the date of purchase from Crestron, with the following exceptions: disk drives and any other moving or rotating mechanical parts, pan/tilt heads and power supplies are covered for a period of one (1) year; touch screen display and overlay components are covered for 90 days; batteries and incandescent lamps are not covered.

This warranty extends to products purchased directly from Crestron or an authorized Crestron dealer. Purchasers should inquire of the dealer regarding the nature and extent of the dealer's warranty, if any.

Crestron shall not be liable to honor the terms of this warranty if the product has been used in any application other than that for which it was intended or if it has been subjected to misuse, accidental damage, modification or improper installation procedures. Furthermore, this warranty does not cover any product that has had the serial number altered, defaced or removed.

This warranty shall be the sole and exclusive remedy to the original purchaser. In no event shall Crestron be liable for incidental or consequential damages of any kind (property or economic damages inclusive) arising from the sale or use of this equipment. Crestron is not liable for any claim made by a third party or made by the purchaser for a third party.

Crestron shall, at its option, repair or replace any product found defective, without charge for parts or labor. Repaired or replaced equipment and parts supplied under this warranty shall be covered only by the unexpired portion of the warranty.

Except as expressly set forth in this warranty, Crestron makes no other warranties, expressed or implied, nor authorizes any other party to offer any warranty, including any implied warranties of merchantability or fitness for a particular purpose. Any implied warranties that may be imposed by law are limited to the terms of this limited warranty. This warranty statement supersedes all previous warranties.



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Installation Guide - DOC. 7637A
(2040833)
04.14

Specifications subject to
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