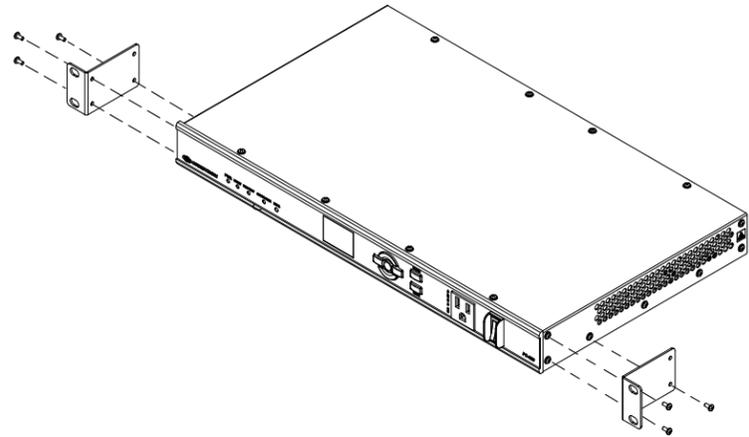


PC-200/PC-300

8-Outlet Networked Energy-Monitoring Power Conditioner, Switcher, and Surge Protector

DO Install the Device

The Crestron® PC-200 and PC-300 are both designed to be rack mounted. Each device occupies 1U of rack space. Using a #1 or #2 Phillips screwdriver, attach the two included rack ears to the device, and then mount the device into the rack using four mounting screws (not included).



DO Perform an Outlet Test

Before making connections to the PC-200 and PC-300, perform an outlet test to ensure that the outlet the device is plugged into is properly wired:

1. Ensure that the front panel switch is turned off (moved to the down position) and that no connections have been made to the device.
2. Plug the PC-200 or PC-300 into the outlet and wait until the PROTECT LED lights. (This process may take several seconds.)
3. Verify that the FAULT LED is not lit. If the FAULT LED lights, then the connected outlet is miswired. Do not make any connections to the device until the outlet is repaired and the FAULT LED does not light when the device is plugged into the outlet.

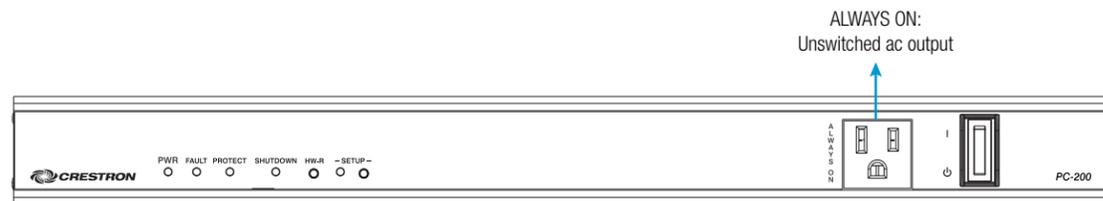
DO Connect the Device

Make connections to the PC-200 and PC-300 using Crestron power supplies for Crestron equipment.

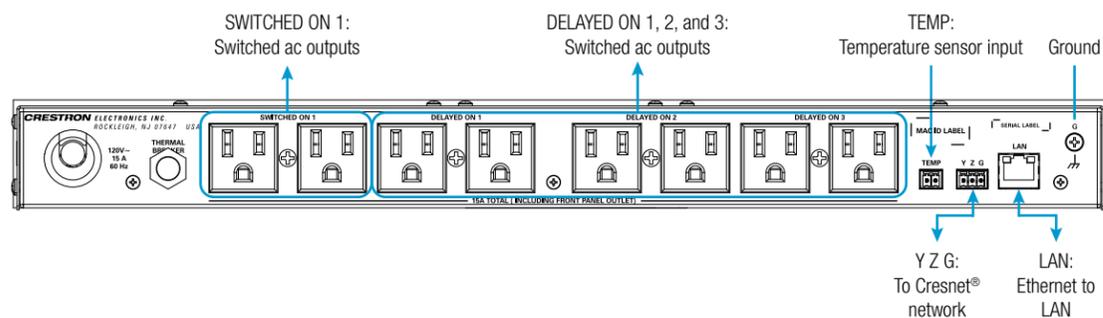
CAUTION: The front panel switch must be turned off (moved to the down position) before plugging in the PC-200 or PC-300.

CAUTION: The PC-200 and PC-300 must be plugged into a circuit that has a 20-amp or a 15-amp circuit breaker.

PC-200 Front Panel Connections



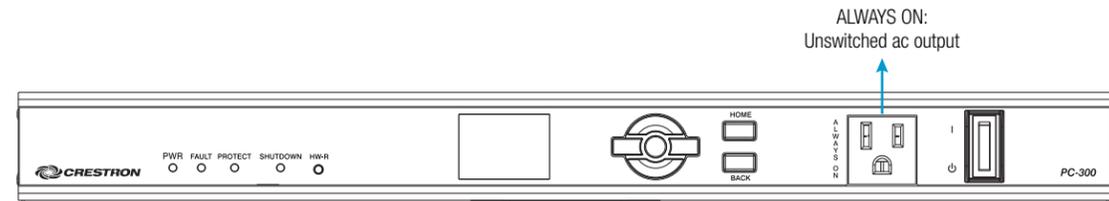
PC-200 Rear Panel Connections



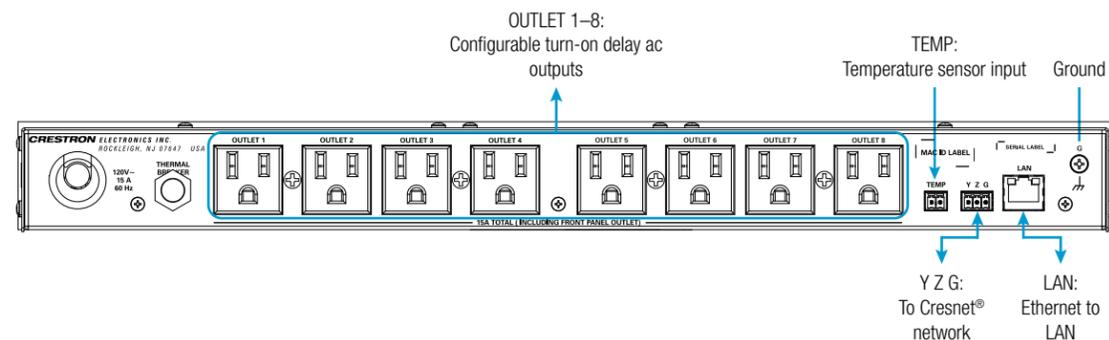
DO Check the Box

QUANTITY	PRODUCT	COLOR	PART NUMBER
2	Bracket, Rack Ear, 1U		2032122
1	Clamp, Cable	Black	2045108
1	Connector, 3-Pin		2003575
1	Magnet, 1.5" x 0.75" x 0.06"		2045102
1	Thermistor, NTC, 10 kilohm		2044885

PC-300 Front Panel Connections



PC-300 Rear Panel Connections



NOTE: The front panel outlet is always on, independent of the front panel switch position. This outlet is protected from surges and has EMI filtering. Even if the unit is out of voltage range (90 to 147 volts), has incorrect wiring, or has failed surge protection, all eight rear panel outlets turn off but the front outlet remains on. If this situation occurs, the amber SHUTDOWN LED lights and the PWR LED turns amber.

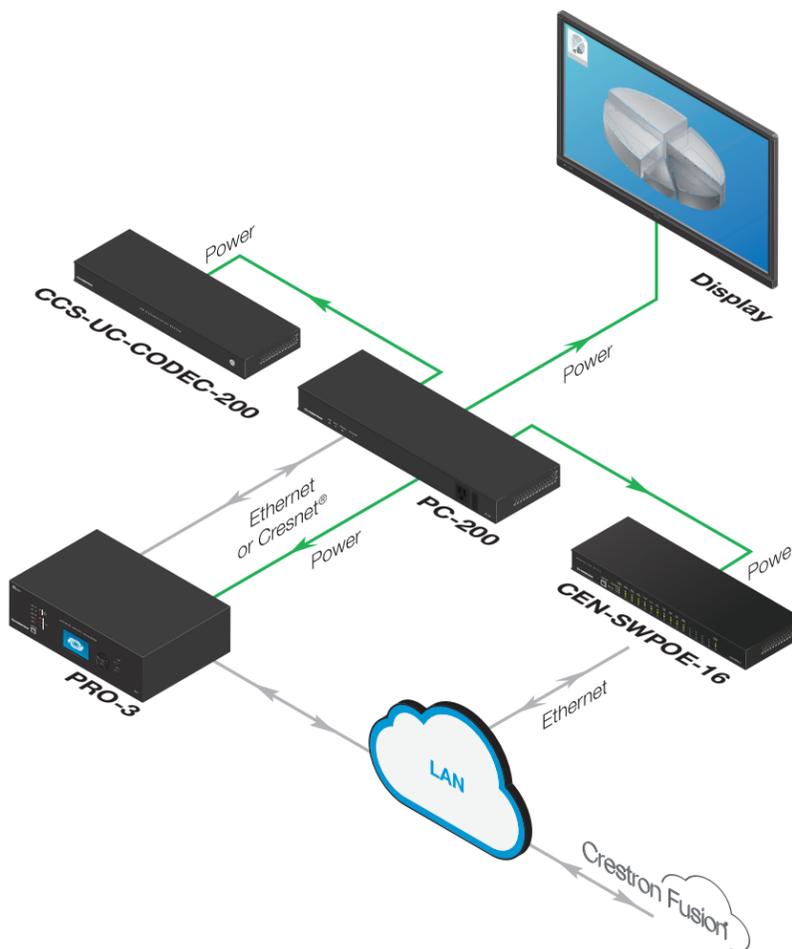
NOTE: On the PC-200, the rear panel outlets marked “SWITCHED ON” turn on immediately when the front panel switch is turned on (moved to the up position). The outlets marked “DELAYED ON 1,” “DELAYED ON 2,” and “DELAYED ON 3” turn on 0.5, 1.0, or 1.5 seconds, respectively, after the front panel switch is turned on. These startup delay times are the factory default settings; they can be reconfigured from 0.1 to 10.0 seconds. For more information on configuring custom startup delay times, refer to the PC-200/PC-300 Supplemental Guide (Doc. 7874) at www.crestron.com/manuals.

NOTE: The 2-pin TEMP port on the rear panel is intended for the included temperature sensor that monitors rack temperatures and sends an alarm via the Cresnet® network or Ethernet once limits are exceeded. To mount the temperature sensor to the rack, remove the adhesive backing on the included clamp, and then place the clamp (with the sensor attached) on the desired location on the rack. To mount the temperature sensor to a magnetic surface, adhere the clamp (with the sensor attached) to the included magnet, and then place the magnet on the desired location.

NOTE: The front panel LEDs behave as follows:

LED	COLOR	FUNCTIONALITY
PWR	Amber/Green	Line power is present. Amber: The front panel switch is off, the power conditioner is booting, or the rear outlets have been shut off due to a fault condition. Green: The front panel switch is on and the power conditioner is functioning normally.
FAULT	Red	One of the following is true: - Surge protection is compromised. - No ground is detected. - Line and neutral are reversed.
PROTECT	Green	All surge protection is functional.
SHUTDOWN	Amber	Power to the rear outlets is shut off due to an overvoltage, undervoltage, temperature overrange, line input miswire, missing ground, or compromised surge protection fault condition.





DO Configure the Device

Use the web-based configuration utility to configure and monitor various components of the PC-200 and PC-300, including device settings, system settings, outlet controls, event logs, and TLS settings. The PC-300 can also be configured using the front panel LCD display. For more information on configuring the PC-200 and PC-300, refer to the PC-200/PC-300 Supplemental Guide (Doc. 7874).

DO Connect the Device to MyCrestron

The PC-200 and PC-300 can be used as remote power solutions via the MyCrestron Dynamic DNS service. Once the power conditioner has been registered with a MyCrestron account, the power conditioner can be controlled and monitored from a mobile device directly through the MyCrestron portal. For more information, refer to the PC-200/PC-300 Supplemental Guide (Doc. 7874)

Use the following procedure to register the power conditioner with a MyCrestron account:

1. Log in to the power conditioner web configuration utility.
2. Select **Device Status** from the navigation menu. Copy or note the device MAC address that is displayed.
3. Select **System Settings** from the navigation menu, and then scroll down to the **MyCrestron** section.
 - a. Fill the **Activate MyCrestron** check box if it is not already checked, and then click **Save** at the bottom of the **System Settings** screen.
 - b. Copy or note the registration key provided in the **Registration key** text field. If no registration key is displayed, click **Register** to generate a new registration key.
4. Click **MyCrestron portal** to load the MyCrestron portal page. Log in to the MyCrestron account using the appropriate credentials.
5. Select **Devices** from the navigation menu, and then click **Add Device** at the top left of the page. The **Device Editor** page displays.
6. Enter the following information in the appropriate fields:
 - a. **Device Name:** Enter a descriptive name for the power conditioner.
 - b. **Device MAC Address:** Enter the power conditioner's MAC address that was obtained in step 2.
 - c. **Device Key:** Enter the registration key that was obtained in step 3b.
 - d. **Add to Group:** Add the power conditioner to a new or existing device group.
 - e. **Monitor this device:** Check this box to monitor the power conditioner remotely.
7. Click **Save** at the top left of the page. If the power conditioner was successfully registered, it displays on the **Device List** page after a few minutes have elapsed.

WARNING: DO NOT INGEST BATTERY, CHEMICAL BURN HAZARD

This product contains a coin cell/battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death. Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you think batteries have been swallowed or placed inside any part of the body, seek immediate medical attention.

CAUTION: There is a risk of explosion if the battery is replaced by an incorrect type. The battery is not user replaceable.

NOTE: Dispose of used batteries by delivering to an appropriate recycling facility.

DO Learn More

Visit the website for additional information and the latest firmware updates. To learn more about this product, use a QR reader application on your mobile device to scan the QR images.

Crestron Electronics

15 Volvo Drive, Rockleigh, NJ 07647
888.CRESTRON | www.crestron.com



These products are Listed to applicable UL® Standards and requirements tested by Underwriters Laboratories Inc.
Ces produits sont énumérés aux normes applicables et les exigences UL par Underwriters Laboratories Inc.



Federal Communications Commission (FCC) Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions: (1) This device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Industry Canada (IC) Compliance Statement

CAN ICES-3(B)/NMB-3(B)

Rack Mounting Safety Precautions

- **Elevated Operating Ambient Temperature:** If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient temperature. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (T_{ma}) specified by the manufacturer.
- **Reduced Airflow:** Installation of the equipment in a rack should be such that the amount of airflow required for safe operation of the equipment is not compromised.
- **Mechanical Loading:** Mounting of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechanical loading.
- **Circuit Overloading:** Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of the circuits might have on overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings should be used when addressing this concern.
- **Reliable Earthing:** Reliable earthing of rack-mounted equipment should be maintained. Particular attention should be given to supply connections other than direct connections to the branch circuit (e.g., use of power strips).

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

The product warranty can be found at www.crestron.com/legal/sales-terms-conditions-warranties.

Certain Crestron products contain open source software. For specific information, visit www.crestron.com/legal/open-source-software.

Crestron, the Crestron logo, Cresnet, and Crestron Fusion are either trademarks or registered trademarks of Crestron Electronics, Inc., in the United States and/or other countries. UL and the UL logo are either trademarks or registered trademarks of Underwriters Laboratories, Inc. in the United States and/or other countries. Other trademarks, registered trademarks, and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Crestron disclaims any proprietary interest in the marks and names of others. Crestron is not responsible for errors in typography or photography.

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

©2018 Crestron Electronics, Inc.