

CP3/CP3N 3-Series® Control System

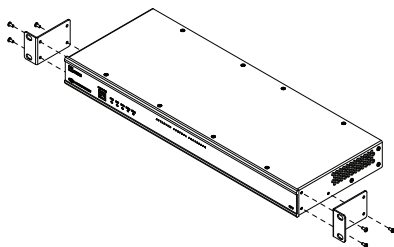
The CP3 and CP3N are generally identical. For simplicity within this guide, the term "CP3" is used except where noted.

DO Install the Device

The CP3 can be mounted into a rack or placed onto a flat surface.

Mounting into a Rack

The CP3 occupies 1U of rack space. Using a #1 or #2 Phillips screwdriver, attach the two included rack ears to the device. Then, mount the device into the rack using four mounting screws (not included).



Placing onto a Flat Surface

When placing the device onto a flat surface or stacking it with other equipment, attach the included feet near the corners on the underside of the device.

DO Connect the Device

Hardware Hookup

Make the necessary connections as called out in the diagram to the right. Connect power last.

When making connections to the CP3, note the following:

- Use Crestron® power supplies for Crestron equipment.
- The included cable(s) cannot be extended.

NOTE: Ensure the unit is properly grounded by connecting the chassis ground lug to an earth ground (building steel).

NOTE: The CP3 can be powered by the 4-position terminal block connector labeled NET or with the (included) 24 Vdc power pack.

Connect the Control Subnet (CP3N Only)

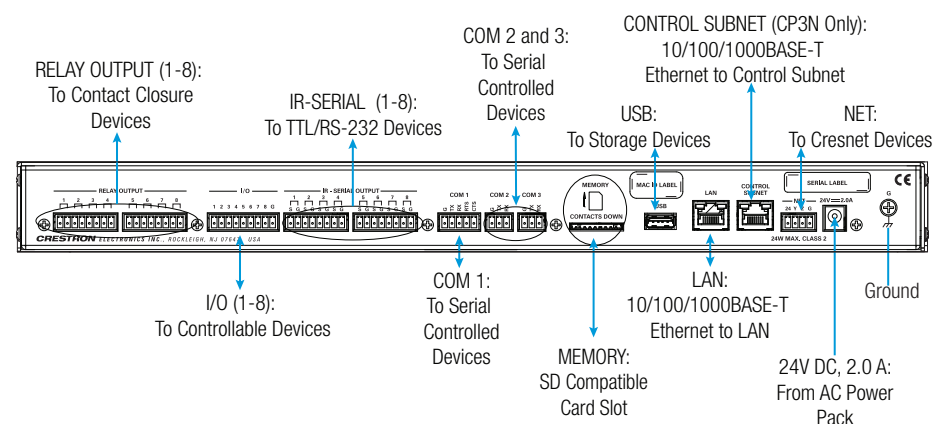
The CP3N has a dedicated Control Subnet that is used for communication between the control system and Crestron Ethernet devices. This subnet allows for dedicated communication between the control system and Crestron Ethernet devices without interferences from other network traffic on the LAN.

NOTE: Do not connect the CONTROL SUBNET port to the LAN. The CONTROL SUBNET port must be connected only to Crestron Ethernet devices.

For details on using the Control Subnet, refer to Doc. 7150 at www.crestron.com/manuals.

DO Check the Box

QTY	PRODUCT	COLOR	PART NUM.
2	Connector, 3-Pin		2003575
1	Connector, 4-Pin		2003576
1	Connector, 5-Pin		2003577
4	Connector, 8-Pin		2003580
1	Connector, 9-Pin		2003581
1	Power Pack, 24 Vdc, 2.5 A, 100-240 Vac		2045873
1	Cable, USB 2.0, A - B, 6' (1.83 m)		2014966
2	Bracket, Rack Ear, 1U		2032122
4	Foot, 0.5" x 0.5" x 0.23", Adhesive	Black	2002389
1	Power Cord, 5' 10" (1.78 m)		2042043



COM 1 Connections

PORT	RS-232	RS-422 ¹	RS-485
G	GND	GND	GND ²
TX	TX (from CP3/CP3N)	TX- (from CP3/CP3N)	TX-/RX-
RX	RX (to CP3/CP3N)	RX+ (to CP3/CP3N)	Not Used
RTS	RTS (from CP3/CP3N)	TX+ (from CP3/CP3N)	TX+/RX+
CTS	CTS (to CP3/CP3N)	RX- (to CP3/CP3N)	Not Used

1. RS-422 transmit and receive are balanced signals requiring two lines plus a ground in each direction. RXD+ and TXD+ should idle high (going low at start of data transmission). RXD- and TXD- should idle low (going high at start of data transmission). If necessary, RXD+/RXD- and TXD+/TXD- may be swapped to maintain correct signal levels.

2. A ground terminal connection is recommended but not required.



