



RTI Control System



CPB-1

Control Port Connecting Block

The CB-8 is an installation accessory designed to provide convenient and reliable power connections for up to eight (8) RTI in-wall keypads, touchpanels and other devices. In addition to providing power, the CB-8 combines and routes the infrared outputs from the touchpanels to a single output for connection to an RTI control processor. It also carries two-way RS-485 communication between compatible RTI control processors and in-wall controllers. Multiple CB-8 units can be daisy-chained for connecting more than eight devices. A 4.3 Amp, 16VDC power supply is included.

Key Features

- Includes 16VDC, 4.3 Amp power supply.
- Capable of powering up to eight RTI in-wall keypads, in-wall controller and other devices*.
- Combines and routes the infrared and RS-485 communication from in-wall system controllers to a single output for connection to an RTI control processor.
- Multiple CB-8 units can be daisy-chained for connecting more than eight devices.
- RJ45 ports for easy connection of devices.
- Sturdy steel construction.

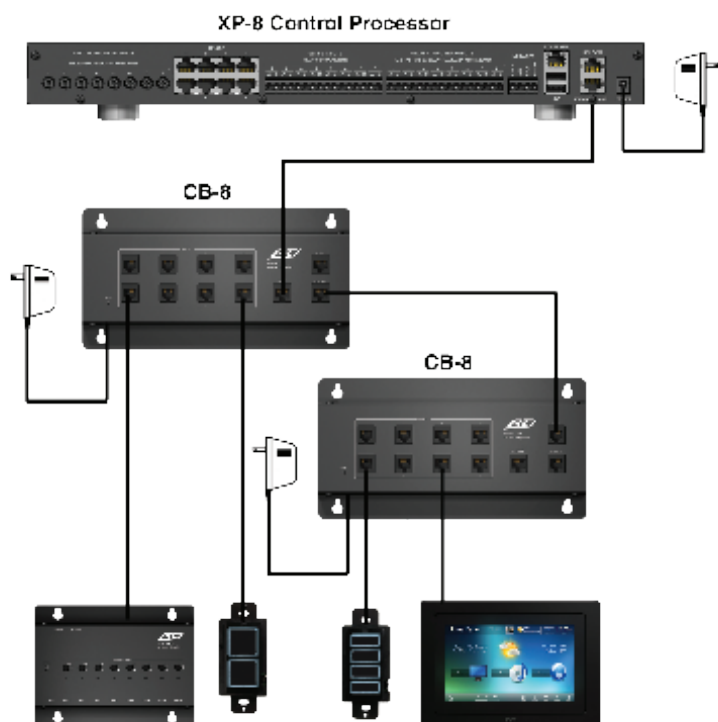
* NOTE - The maximum number of in-wall controllers varies by model.

Specifications

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|-------------------------------|------------------------------------|
| Power..... | +16VDC, 4.3A |
| Maximum Current per Port..... | 1.5A |
| Enclosure..... | Formed Steel, black powder coating |
| Mounting..... | Wall-mount or free standing |
| Dimensions (H x W)..... | 5.0" (127mm) x 9.4 " (239mm) |
| Weight..... | 24.7oz (700g) |
| Warranty..... | Three Years (Parts & Labor) |

All specifications subject to change without notice

Installation Diagram



RTI Control Accessories, In-wall Keypads and Touch Panel Controllers

- Output port of CB-8 Connecting Block wired to the expansion port of RTI Control Processor.
- Multiple CB-8 Connecting Blocks can be connected together using the Loop In/Loop Out connections.

RTI User Interfaces

| | |
|----------|---|
| RTiPanel | Mobile & PC Software Interface (App) |
| SURFiR | Companion Remote Control |
| T1-B+ | Remote Control |
| T2i | Remote Control |
| T2x | Remote Control |
| T3x | Remote Control |
| RKM-1+ | In-Wall Audio Distribution Keypad |
| RK1+ | 2-4-8 Button In-Wall Keypad |
| KX1 | 1.2" Audio Distribution Keypad |
| KX2 | 2.8" In-Wall Touchpanel Keypad |
| KX3 | 3.5" In-Wall Touchpanel Keypad |
| KX7 | 7" In-Wall Touchpanel |
| KX10 | 10" In-Wall Touchpanel |
| CX7 | 7" Countertop/Under-Cabinet Touchpanel |
| CX10 | 10" Countertop/Under-Cabinet Touchpanel |

RTI Control Accessories

| | |
|-------------|-------------------------------|
| RP-4 | RF Control Processor |
| XP-3 | Advanced Control Processor |
| XP-6 | Advanced Control Processor |
| XP-8v | Advanced Control Processor |
| RM433 | 433MHz RF Antenna |
| ZM24 | 2.4GHz Zigbee Transceiver |
| ZW-9 | Z-Wave® Interface Module |
| CB-8 | Touchpanel Connecting Block |
| CM-232 | RS-232 Communication Module |
| CPB-1 | Control Port Connecting Block |
| ECB-5 | IR Connecting Block |
| ESC-2 | Ethernet to Serial Converter |
| IPE-4 | IR Port Expander |
| PCM-4 | Port Control Module |
| RCM-4 | Relay Control Module |
| vIRsa Mouse | IR Emitter |

RTI Audio/Video Distribution

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|---------|--|
| AD-4x | 4x4 Audio Distribution System |
| AD-8x | 8x8 Audio Distribution System |
| AD-16x | 16x16 Audio Distribution Matrix Switch |
| CP-450 | 4 Channel Cool Power® Amplifier |
| CP-1650 | 16 Channel Cool Power® Amplifier |
| VHD-4 | 4x4 HDBT Video Matix Switch |
| VHD-8 | 8x8 HDBT Video Matix Switch |
| VHT-1 | HDBT Video Transmitter |
| VHR-1 | HDBT Video Receiver |