

# MPB4-201-B

## 4-Series® Media Presentation Button Panel 201



- Mounts flush on a wall or lectern and fits in a 1-gang European electrical box
- Fully-programmable functionality
- High-speed Ethernet LAN port
- iPhone®, iPad®, and Android® device control app support
- Crestron Fusion® software room monitoring and scheduling support
- XiO Cloud® service provisioning and management support
- Installer setup via software, web browser, or cloud
- IPv6 ready
- PoE network powered

The 4-Series® Media Presentation Button Panel 201 (MPB4-201-B) is a wall-mounted, PoE powered control panel that works with 3-Series and 4-Series Control Systems. Its customizable backlit capacitive buttons provide an ideal user interface for controlling AV and other functions. It offers fully-programmable functionality, supports web and cloud-based configuration and management, and integrates with Crestron Fusion® software as part of a complete managed enterprise solution.

Crestron® MPB4 series controllers are perfect for classrooms, meeting rooms, lecture halls, and training facilities. Use the MPB4-201-B to control a video display or AV system, adjust lighting and window shades, or any other custom application.

### Customizable Backlit Capacitive Buttons

The MPB4-201-B features six backlit capacitive buttons, which can each be labeled using the icon chips provided, or custom labeled using laser-engravable chips ([MPB3/MPC3-BTN3-B ENGRAVED](#), sold separately). Each button is backlit blue when active, and white when inactive to provide clear indication of what media source or lighting scene is currently selected. Four additional buttons are included at the bottom along with a volume gauge for control of volume, mute, and power.

All buttons on the MPB4-201-B are custom programmable to control any device or function. Built-in proximity sensing wakes the buttons as you approach, and Autobrightness control maintains optimal visibility of the buttons under varying lighting conditions.

### Compatible with 3-Series and 4-Series Control Systems

The MPB4-201-B is compatible for control with Crestron 3-Series and 4-Series Control Systems. An Ethernet connection to the control system allows for a dynamic and secure platform capable of managing a room full of disparate technologies. Reliable networking and IP control afford seamless integration with other systems and devices, with add-on control capability using Crestron touch screens, wireless remotes, and mobile device apps.

### Crestron Fusion Room Monitoring and Scheduling

Crestron Fusion provides an integrated platform for creating truly smart buildings that save energy and enhance worker productivity. As part of a complete managed network in a corporate enterprise, college campus, convention center, or any other facility, the MPB4-201-B works with Crestron Fusion to enable remote scheduling, monitoring, and control of rooms and technology from a central help desk or mobile app. It also enables organizations to reduce energy consumption by tracking real-time usage and automating control of AV, lighting, shades, and HVAC. For more information about Crestron Fusion, visit [www.crestron.com/fusion](http://www.crestron.com/fusion).

### Crestron XiO Cloud® Service Support

The MPB4-201-B is compatible with the Crestron XiO Cloud® service, which is a platform for remotely provisioning, monitoring, and managing Crestron devices across an enterprise or an entire client base. The service enables installers and IT managers to deploy and manage thousands of devices simultaneously. Refer to [www.crestron.com/xiocloud](http://www.crestron.com/xiocloud) for more information.

### Power over Ethernet

Using PoE technology, the MPB4-201-B gets its operating power directly through the LAN wiring. PoE (Power over Ethernet) eliminates the need for a local power supply or any dedicated power wiring. A PoE Injector ([PWE-4803RU](#)) simply connects in line with the LAN cable at any convenient location. Crestron PoE switches ([CEN-SWPOE-10](#) or [CEN-SWPOE-26](#)) may also be used to provide a total networking solution with built-in PoE. All PoE injectors and switches are sold separately.

# MPB4-201-B

## 4-Series® Media Presentation Button Panel 201

### Wall Mount Installation

The MPB4-201-B is designed to be flush-mounted in a wall using a 1-gang European electrical box (not included), and made to easily replace an existing MPC3 Series Media Presentation Controller. It can also be installed in a lectern or podium with no back box. Using the optional retrofit mounting bracket ([MPC3-101/102/201-RMB](#), sold separately), the MPB4-201-B can be installed in a 2-gang U.S. electrical box. Once installed, the button labels can be changed at any time by simply removing the front cover. A security screw is included to prevent unauthorized removal.

### Tabletop Option

Using the optional Tabletop Kit ([MPC3/MPB3-TTK-SQR-B](#) sold separately), the MPB4-201-B becomes a stylish, freestanding controller that fits perfectly on a table, desk, or countertop.

### Third-Party Mounting Solution

The MPB4-201-B is also compatible with [Wall-Smart® retrofit mount products](#) via a partnership with Crestron.

## Specifications

### Communications

<b>Ethernet</b>	1000 Mbps, autoswitching, autonegotiating, autodiscovery, full/half duplex, TCP/IP, UDP/IP, CIP, DHCP, SSL, TLS, SSH, SFTP (SSH File Transfer Protocol), FIPS 140-2 compliant encryption, IEEE 802.1X, SNMP, BACnet/IP [2], IPv4 or IPv6, Active Directory authentication, SMTP email client, HTTPS web server, HTTPS web browser setup and XiO Cloud® client, IEEE 802.3af and 802.3at Type 1 PoE compliant
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### Connectors

<b>LAN PoE</b>	(1) 8-pin RJ-45 connector, female; 1000BASE-TX Ethernet port; PoE and PoE+ (Power over Ethernet) PD (Powered Device) port
<b>Ground</b>	(1) 6-32 screw; Chassis ground lug (flying lead with ring terminal included)

### Controls and Indicators

<b>Assignable Buttons</b>	(6) Projected capacitive push buttons, each may be labeled using one of 25 pre-labeled icon chips or hidden using one of five blackout chips (included), custom laser-etched icon chips are available using optional <a href="#">MPB3/MPC3-BTN3-B ENGRAVED</a> engravable icon chips (sold separately)
<b>Mute</b>	(1) Projected capacitive push button with mute icon
<b>-/+</b>	(2) Projected capacitive push buttons labeled with - (minus) and + (plus) icons for volume control

<b>Volume Gauge</b>	(1) Blue LED multisegment bargraph for volume level indication
<b>Power</b>	(1) Projected capacitive push button labeled with power icon
<b>HW-R</b>	(1) Push button (behind front panel) for hardware reset (reboots the processor)
<b>SW-R</b>	(1) Push button (behind front panel) for software reset (restarts the software program)
<b>LAN PoE</b>	(2) LEDs (on rear panel LAN port), green LED indicates Ethernet link status, amber LED indicates Ethernet activity
<b>Illumination</b>	Each capacitive button is individually backlit—white when inactive and blue when active; autobrightness control adjusts all backlighting in three levels according to the ambient light level; backlighting may be dimmed or extinguished when unit enters idle state

**NOTE:** All capacitive buttons are custom programmable.

### Memory

<b>SDRAM</b>	2 GB
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### Light Sensor

Photosensor detects the ambient light level to enable autobrightness control

### Proximity Sensor

<b>Type</b>	Eye-safe 940 nm laser ranging sensor
<b>Range</b>	Adjustable from 8 to 35 in. (20 to 90 cm)

Detects people within range and wakes the unit from standby or idle state

### Audio

<b>Key Click</b>	Sounds when any button is pressed, adjustable to one of three volume settings or off
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### Power

<b>Power over Ethernet</b>	IEEE 802.3at Type 1 (802.3af compatible) Class 0 (12.95 W) PoE Powered Device
<b>Power Consumption</b>	3 W typical

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### Environmental

<b>Temperature</b>	41 to 104°F (5 to 40°C)
<b>Humidity</b>	10% to 90% RH (noncondensing)
<b>Heat Dissipation</b>	11 BTU/hr

### Construction

<b>Housing</b>	Plastic with metal mounting plate, removable front panel with optional security screw
<b>Flush Wall Mount</b>	Mounts in a 1-gang European (DIN 49073) electrical box, mounts in a 2-gang U.S. electrical box using <a href="#">MPC3-101/102/201-RMB</a> retrofit mounting bracket (sold separately)
<b>Lectern Mount</b>	Mounts in a 2-1/16 in. (52 mm) square cutout using bracket provided
<b>Tabletop Mount</b>	Sits on a tabletop using <a href="#">MPC3/MPB3-TTK-SQR-B</a> tabletop kit (sold separately)

### Dimensions

<b>Height</b>	3.42 in. (87 mm)
<b>Width</b>	3.42 in. (87 mm)
<b>Depth</b>	1.87 in. (48 mm)

### Weight

7.3 oz (208 g)

### Compliance

#### Regulatory Model: M201903004

UL® Standards Listed, CE, IC, FCC Part 15 Class B digital device; Class 1M laser product, complies with safety regulations of IEC- 60825-1, FDA 21 CFR 1040.11, and FDA 21 CFR 1040.10

To search for product certificates, refer to [support.crestron.com/app/certificates](http://support.crestron.com/app/certificates).

### Models

#### MPB4-201-B

4-Series® Media Presentation Button Panel 201

### Available Accessories

For a list of available accessories, visit the [MPB4-201](#) product page.

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at [www.crestron.com/How-To-Buy/Find-a-Representative](http://www.crestron.com/How-To-Buy/Find-a-Representative) or contact us for additional information by visiting [www.crestron.com/contact/our-locations](http://www.crestron.com/contact/our-locations) for your local contact.

The original language version of this document is U.S. English. All other languages are a translation of the original document.

The product warranty can be found at [www.crestron.com/warranty](http://www.crestron.com/warranty).

The specific patents that cover Crestron products are listed online at [www.crestron.com/legal/patents](http://www.crestron.com/legal/patents).

Certain Crestron products contain open source software. For specific information, please visit [www.crestron.com/opensource](http://www.crestron.com/opensource).

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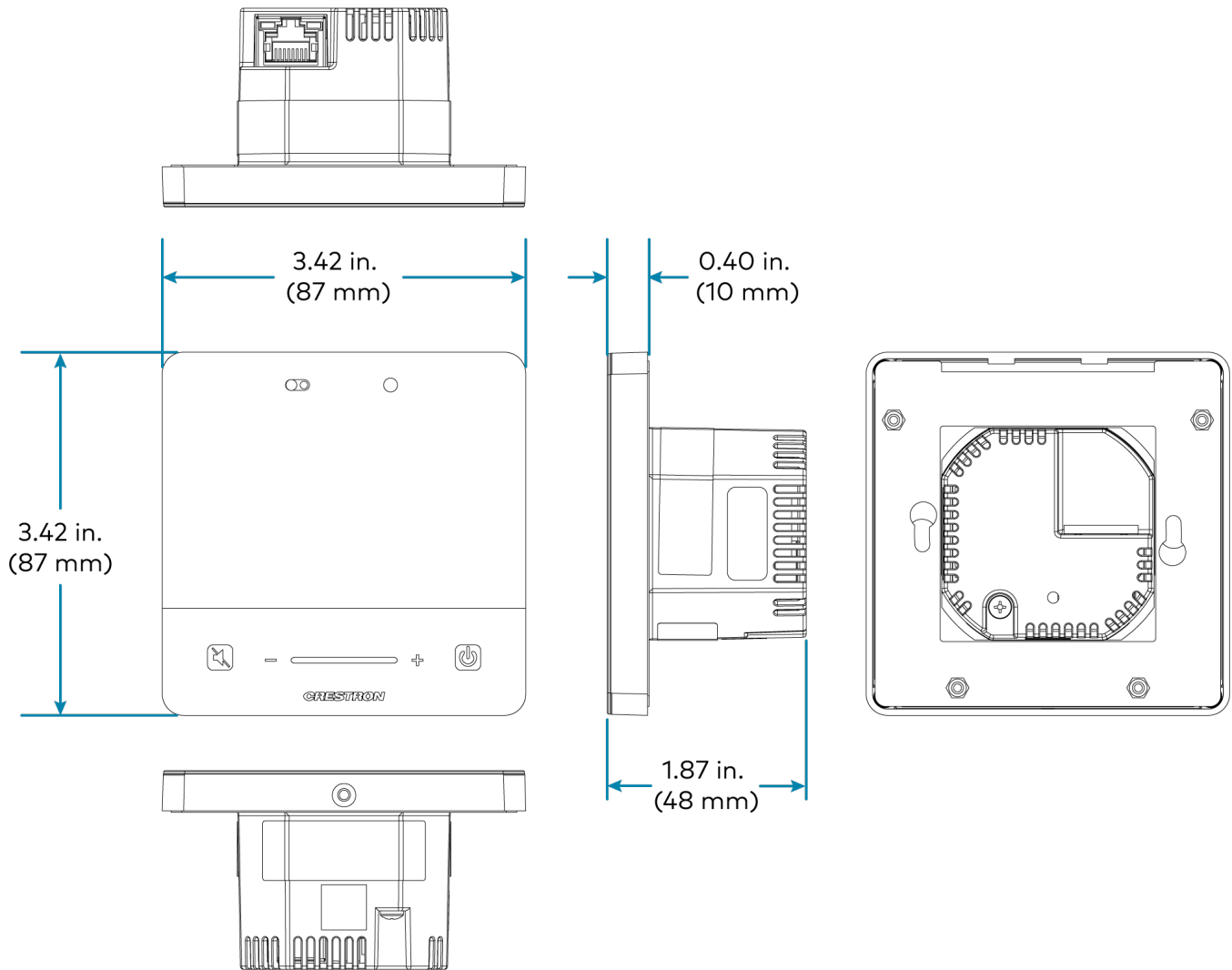
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# MPB4-201-B

## 4-Series® Media Presentation Button Panel 201

Provided Icon Sheets (1 of 2)



# MPB4-201-B

## 4-Series® Media Presentation Button Panel 201

Provided Icon Sheets (2 of 2)

