

3-Series® Media Presentation Controller 201, Black



- Wall mount Crestron® 3-Series® control system and panel
- Mounts flush on a wall or lectern and fits in a 1-gang European electrical box
- Retrofit 2-gang US electrical box adapter available
- Six buttons customizable with replaceable icon chips, plus power, volume, and mute buttons and a volume gauge
- Fully-programmable functionality
- Built-in .AV Framework™ software
- High-speed Ethernet LAN port
- Add-on Cresnet®, infiNET EX®, RS-232, IR, relay, and Versiport interface options
- iPhone®, iPad®, and Android® control app support
- XPanel computer and web based control with Smart Graphics® technology
- Crestron Fusion® room monitoring and scheduling support
- XiO Cloud® provisioning and management support
- SNMP remote IT management support
- Native BACnet/IP support
- Installer setup via software, web browser, or XiO Cloud
- Drag-and-drop, C#, and symbol-based programming environments
- IPv6 ready
- PoE network powered

The [MPC3-201-B](#) is a wall-mounted, PoE powered 3-Series® control system and panel in one. Its modern appearance and 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® MPC3 series controllers are perfect for classrooms, meeting rooms, lecture halls, and training facilities – wherever a simple yet powerful controller is needed but space is limited. Use the MPC3-201-B to control a video display or AV system, adjust lighting and window shades, or any other custom application.

The MPC3-201-B is designed for flush-mount installation in a wall using a 1-gang European electrical box. It can also be installed in a podium with no back box, or placed on a table using the optional [tabletop kit](#). A [retrofit mounting bracket](#) is also available to allow installation over a 2-gang US electrical box, which offers an easy upgrade solution for replacing an older [MPC-M5](#) series controller.

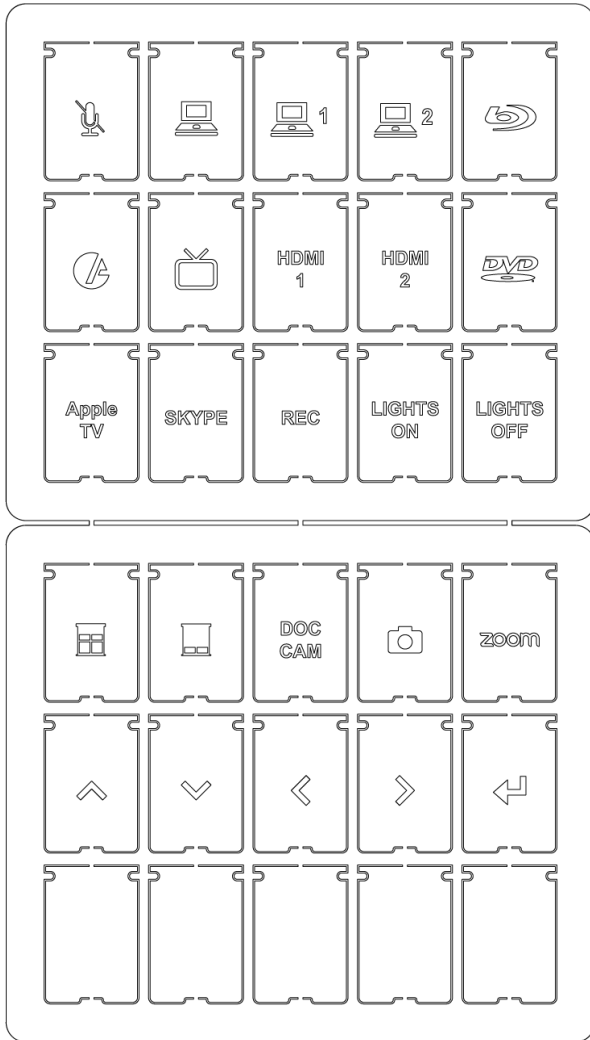
Customizable Backlit Capacitive Buttons

The MPC3-201-B features six backlit capacitive buttons, which can each be labeled using the icon chips provided, or custom labeled using laser-engravable chips (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. A key click sound can be enabled to provide audible assurance when any button is pressed.

All buttons on the MPC3-201-B are custom programmable to control any device or function. Button backlighting can be set to dim or turn off when idle. Built-in proximity sensing wakes the buttons as you approach, and autobrightness control maintains optimal visibility of the buttons under varying lighting conditions.

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For information about ordering custom icon chips, refer to the [MPB3/MPC3-BTN3-B ENGRAVED](#) product page. The following illustration contains a list of supplied icon chips.



No Rack Required

The MPC3-201-B encapsulates the industry's best control technologies in one compact wall mount device. High-speed Ethernet provides the essential interface for connecting to the building network and controlling Crestron AV switchers, audio processors, and other IP controllable equipment. Expanded connectivity is available using a [DIN-CENCN-2-POE](#) Ethernet to Cresnet® bridge, [CEN-GWEXER](#) or [CENI-GWEXER](#) infiNET EX® wireless gateway, [CEN-CI3-1-POE](#) or [CEN-CI3-3](#) control card interface, or [CEN-IO-COM-102](#), [CEN-IO-COM-202](#), [CEN-IO-DIGIN-104](#), [CEN-IO-DIGIN-204](#), [CEN-IO-IR-104](#), [CEN-IO-IR-204](#), [CEN-IO-RY-104](#), or [CEN-IO-RY-204](#) wired and wireless Ethernet modules, enabling integration with Crestron and third-party devices.

3-Series Control Engine

The MPC3-201-B features an integrated, enterprise-grade 3-Series control processor. Crestron 3-Series control engine delivers a dynamic and secure control system platform capable of managing a room full of disparate technologies. Its Modular Programming Architecture (optional 1) allows the MPC3-201-B to run multiple programs simultaneously for increased efficiency and flexibility. Strong 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 with remote management through [Crestron Fusion® software](#) and the [XiO Cloud® service](#).

.AV Framework Technology

Built-in .AV Framework™ software technology delivers a fully functional AV presentation system with simplified web-based configuration and a choice of control options and add-ons. For complete details on the capabilities supported by .AV Framework, visit <https://www.crestron.com/avframework>.

Crestron Fusion Room Monitoring and Scheduling

Crestron Fusion provides an integrated platform for creating smart buildings. As part of a complete managed network in a corporate enterprise, college campus, convention center, or any other facility, the MPC3-201-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 <https://www.crestron.com/fusion>.

XiO Cloud Provisioning and Management

The MPC3-201-B is compatible with the XiO Cloud service, which is an IoT (Internet of Things) based platform for remotely provisioning, monitoring, and managing Crestron devices across an enterprise or an entire client base. Built on the Microsoft® Azure® software platform and utilizing Microsoft's industry-leading Azure IoT Hub technology, XiO Cloud enables installers and IT managers to deploy and manage thousands of devices in the time it previously took to manage just one. Unlike other virtual machine-based cloud solutions, Azure services provide unlimited scalability to suit the ever-growing needs of an enterprise. For more information, visit <https://www.crestron.com/xiocloud>.

Enterprise-Grade Security

The MPC3-201-B is an enterprise-class control processor that can be deployed across hundreds of spaces and set up easily using a web browser, toolbox software, Crestron Fusion, or Crestron XiO Cloud. It employs standard network security protocols, including 802.1X network access control, Active Directory® software authentication, SSH, TLS, and HTTPS to ensure reliability and compliance with an organization's IT policies.

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SNMP Support

Built-in SNMP support enables integration with third-party IT management software, allowing network administrators to manage and control Crestron systems on the network in an IT-friendly format.

Power over Ethernet

Using Power over Ethernet (PoE) technology, the MPC3-201-B gets its operating power directly through the LAN wiring. PoE 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-SW-POE-5](#) or [CEN-SWPOE-16](#)) may also be used to provide a total networking solution with built-in PoE. All PoE injectors and switches are sold separately.

Wall Mount Installation

The MPC3-201-B is designed to be flush-mounted in a wall using a 1-gang European electrical box. 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 MPC3-201-B can be installed in a 2-gang US electrical box, allowing easy replacement of an existing [MPC-M5](#) series controller. 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 MPC3-201-B becomes a stylish, freestanding controller that fits perfectly on a table, desk, or countertop.

Third-Party Mounting Solution

The MPC3-201-B is also compatible with [Wall-Smart® retrofit mount products](#) via a partnership with Crestron.

Specifications

Control Engine

Crestron® 3-Series® control engine; real-time, preemptive multithreaded/multitasking kernel; transaction-safe extended FAT file system; battery-backed nonvolatile real-time clock; supports up to 10 simultaneously running programs (license required¹); preloaded .AV Framework™ base program

Communications

Ethernet	100 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 e-mail 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

LAN PoE	(1) 8-pin RJ-45 connector, female; 100BASE-TX Ethernet port; PoE (Power over Ethernet) PD (Powered Device) port
Ground	(1) 6-32 screw; Chassis ground lug (flying lead with ring terminal included)

Controls and Indicators

Assignable Buttons	(6) Projected capacitive push buttons, each may be labeled using one of 25 prelabeled icon chips or hidden using one of five blackout chips (included), custom laser-etched icon chips are available using optional MPB3/MPC3-BTN3-B ENGRAVED engravable icon chips (sold separately)
Mute	(1) Projected capacitive push button with mute icon
-/+	(2) Projected capacitive push buttons labeled with - (minus) and + (plus) icons for volume control
Volume Gauge	(1) Blue LED multisegment bargraph for volume level indication
Power	(1) Projected capacitive push button labeled with power icon
HW-R	(1) Push button (behind front panel) for hardware reset (reboots the processor)
SW-R	(1) Push button (behind front panel) for software reset (restarts the software program)
LAN PoE	(2) LEDs (on rear panel LAN port), green LED indicates Ethernet link status, amber LED indicates Ethernet activity

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Illumination 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.

Light Sensor

A photosensor detects the ambient light level to enable autobrightness control

Proximity Sensor

Type Eye-safe 940 nm laser ranging sensor
Range Adjustable from 8 to 35 in. (20 to 90 cm)
 Detects people within range and wakes the unit from standby or idle state.

Audio

Key Click Click sound when any button is pressed, adjustable to one of three volume settings or off

Power

Power over Ethernet IEEE 802.3at Type 1 (802.3af compatible) Class O (12.95 W) PoE Powered Device
Power Consumption 3 W typical

Environmental

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

Construction

Housing Plastic with metal mounting plate, removable front panel with optional security screw
Flush Wall Mount Mounts in a 1-gang European (DIN 49073) electrical box, mounts in a 2-gang US electrical box using [MPC3-101/102/201-RMB](#) Retrofit Mounting Bracket (sold separately)
Lectern Mount Mounts in a 2-1/16 in. (52 mm) square cutout using bracket provided

Tabletop Mount Sits on a tabletop using [MPC3/MPB3-TTK-SQR-B](#) tabletop kit (sold separately)

Dimensions

Height 3.42 in. (87 mm)
Width 3.42 in. (87 mm)
Depth 1.88 in. (48 mm)

Weight

7.3 oz (208 g)

Compliance

Regulatory Model: M201902002

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.

Model

MPC3-201-B
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Available Accessories

For a list of available accessories, visit the [MPC3-201-B](#) product page.

Notes:

- To enable Modular Programming Architecture (MPA) on the MPC3-201-B requires the purchase of one [SW-RMC3-10PROG](#) license. The license enables support for running up to 10 simultaneous programs on a single MPC3-201-B. The license is not required if running only one program. To obtain a license for your MPC3-201-B, please complete the [Request for SW-RMC3-10PROG License](#) form. If there are any questions, send an email to license@crestron.com.
- BACnet/IP license required. A free license is available to support up to 50 BACnet objects on a single 3-Series control system. A full license must be purchased to enable support for more than 50 objects. The MPC3-201-B supports a maximum of 500 BACnet objects when dedicated for BACnet use only. Actual capabilities are contingent upon the overall program size and complexity. To obtain the license, visit <https://www.crestron.com/bacnetlicense>. For additional information, refer to the [SW-3SERIES-BACNET-50+](#) 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 or contact us for additional information by visiting 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.

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The product warranty can be found at www.crestron.com/warranty.

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

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

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