# EBP 200

## EBUS BUTTON PANEL - 3-GANG

▸ **Easily integrate a fully customizable button panel to an Extron Pro Series control system**

▸ **Ten dual-color, customizable, back-lit buttons**

▸ **Two eBUS ports allow for quick system expansion and upgrades**

▸ **Compatible with all Extron IPCP Pro control processors**

▸ **Use a single button panel or combine multiple button panels to accommodate a broad variety of system designs**

▸ **DIP switches are used to set unique eBUS device addresses and minimize setup time**

▸ **Includes three-gang black and white faceplates and mud ring**

The Extron EBP 200 eBUS® Button Panel is a fully-customizable AV system control interface designed for use with Extron eBUS-enabled control systems. This easy-to-use control panel connects to an IPCP Pro control processor to perform a wide variety of AV system functions. Ten dual-colored backlit buttons provide easy operation in low-light environments and a volume knob offers smooth, precise volume adjustments. eBUS button panels are linked to the control processor and to each other using a single cable that carries both power and communication.
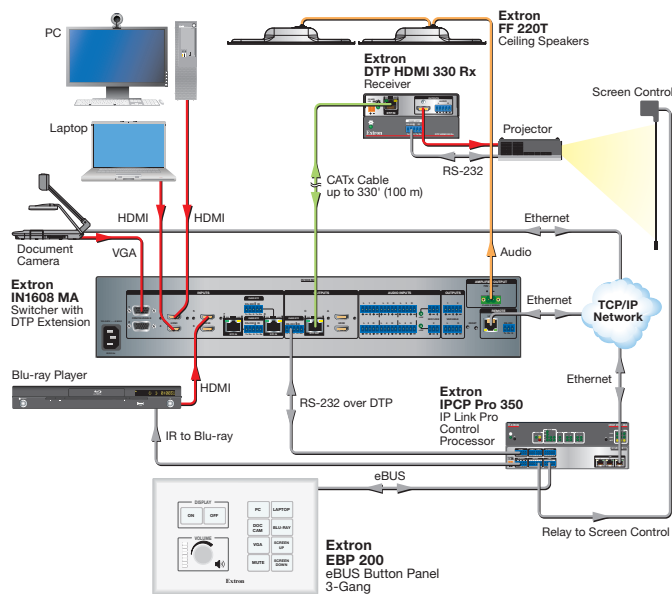
# Extron Electronics
## INTERFACING, SWITCHING AND CONTROL

# DESCRIPTION

**eBUS button panels** connect using a unique digital bus architecture that allows for easy control system expansion, greater design options, and future upgrades. Button panels are linked to the control processor and to each other using a single cable that carries both power and communication. This efficient, expandable design allows a button panel to be used as a single user interface in a smaller system or combined with other button panels and touchpanels when a more elaborate control system is required.

Since eBUS button panels have the same physical appearance as Extron's broad range of MediaLink controllers, they can be used alongside them throughout a facility while preserving a consistent look and user experience. Button panels are available with five to ten buttons with convenient button arrangements to suit a broad range of room control needs. Buttons can be easily customized using Extron Button Label Generator software.

# APPLICATION DIAGRAM



# SPECIFICATIONS

| EBUS CONTROL INTERFACE | |
| --- | --- |
| eBUS control ports | (2) 3.5 mm captive screw connectors, 4 pole |
| eBUS pin configuration | +V = +12 VDC; +S = + signal; -S = - signal; G = ground |
| Recommended cable type | Extron STP20-2/1000 or STP20-2P/1000 cable |
| Maximum system cable length | 1000 feet (305 meters) sum total for the eBUS system, regardless of topology. Power injection may be required depending on system cabling topology and primary power supply wattage. See the users guide or setup guide for details. |

| GENERAL | |
| --- | --- |
| Power | Power is supplied by an eBUS enabled control processor or optional power supply |
| eBUS power consumption | 0.5 watt, 12 VDC |
| Thermal dissipation | 1.2 BTU/hr |
| Enclosure dimensions | |
| Faceplate | 4.5" H x 6.4" W x 0.3" D (11.4 cm H x 16.3 cm W x 0.8 cm D) |
| Device | 2.7" H* x 5.2" W x 0.8" D (6.9 cm H* x 13.2 cm W x 2.1 cm D)<br>2.7" H* x 5.2" W x 1.25" D (6.9 cm H* x 13.2 cm W x 3.2 cm D) including captive screw connectors<br>(Depth excludes faceplate and buttons. Fits most 2 gang US boxes or mud rings. Allow at least 1.9" [4.7 cm] depth in the wall or furniture.) |
| Product weight | 0.7 lb (0.3 kg) |
| Regulatory compliance | |
| Safety | CE, c-UL, UL |
| EMI/EMC | CE, C-tick, FCC Class A, ICES, VCCI class A |
| Environmental | Complies with the appropriate requirements of RoHS, WEEE |
| Accessibility | Complies with the appropriate requirements of Section 508 of the Rehabilitation Act (29 U.S.C. 794d). |
| Warranty | 3 years parts and labor |

| Model | Version Description | Part number |
| --- | --- | --- |
| EBP 200 | 3-Gang, Black and White, 10 Button | 60-1389-01 |

**Optional Accessories**

| Model | Version Description | Part Number |
| --- | --- | --- |
| EBDB | 10 eBUS Ports | 60-1170-01 |
| PS 1220EB | Power and Six eBUS Ports | 70-988-01 |
| STP20-2/1000 | Non-Plenum 1000' (305 m) spool | 22-161-03 |
| EWB 103 | Three-gang, white | 60-1163-03 |
| PS 1210 C | 12V, 1A, Captive Screw Connector | 70-775-01 |
| SMB 113 | Three-gang, black | 70-1097-03 |
| MLM 100 D | Black and White Faceplates, 3-gang | 70-1100-03 |
| MLM 200 D | Black and White Faceplates, 4-gang | 70-1101-03 |
| UCM R308 | Black | 60-1166-02 |

For complete specifications, please go to www.extron.com
Specifications are subject to change without notice.

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