# EBP 108 EU

## EBUS BUTTON PANEL
## WITH 8 BUTTONS - FLEX55 AND EU

▸ **Fully customizable button panel integrates easily with an Extron Pro Series control system**

▸ **Compatible with Flex55 modules, mounting kits, and enclosures or EU junction boxes**

▸ **Eight backlit, soft-touch buttons that can be customized using Extron's Custom Button Builder**

▸ **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 black and white EU wall frames and mounting bracket**



The Extron EBP 108 EU 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. Eight backlit, soft-touch buttons provide easy operation in low-light environments. 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**
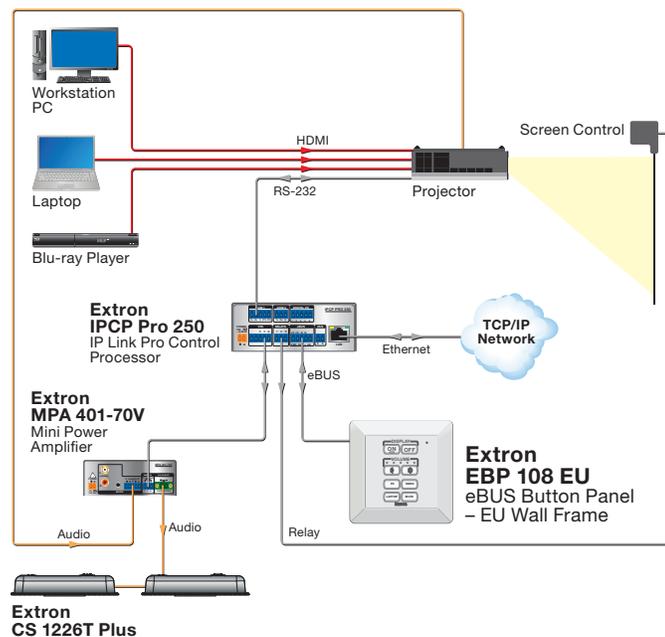INTERFACING, SWITCHING AND CONTROL

# 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. This button panel features customizable, soft-touch, backlit buttons suitable for a variety of control applications. The buttons can be easily customized using the online Custom Button Builder application.

## KEY FEATURES

▶ Fully customizable button panel integrates easily with an Extron Pro Series control system

▶ Compatible with Flex55 modules, mounting kits, and enclosures or EU junction boxes

▶ Eight backlit, soft-touch buttons that can be customized using Extron's Custom Button Builder

▶ Two eBUS ports allow for quick system expansion and upgrades

## 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 eBUS® Button Panel EU and MK Series Setup Guide or eBUS Technology Reference Guide for details. |

| SOFTWARE AND CONTROL OPTIONS | |
|---|---|
| Configuration software | Global Configurator Plus and Professional |
| Programming software | Global scripter |
| Control apps | Extron Control |
| Utilities | Toolbelt |

| GENERAL | |
|---|---|
| Power | 12 VDC (Power is supplied by an Extron IPCP Pro series control processor or optional power supply). |
| Power consumption | 1.5 W |
| Thermal dissipation | 4.2 BTU/hr |
| Enclosure dimensions | |
| Faceplate | 3.2" H x 3.2" W x 0.5" D (8.1 cm H x 8.1 cm W x 1.3 cm D) |
| Device | 2.2" H x 2.2" W x 1.1" D (5.5 cm H x 5.5 cm W x 2.9 cm D) |
| | 2.2" H x 2.2" W x 1.6" D (5.5 cm H x 5.5 cm W x 4.0 cm D) including captive screw connectors (Depth includes faceplate and buttons. Allow at least 1.14" [2.90 cm] depth in the wall or furniture for cables.) |
| Product weight | 0.2 lb (0.1 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 108 EU | Flex55 and EU Mount, Black and White, 8 Button | 60-1189-31 |

**Optional Accessories**

| Model | Version Description | Part number |
|---|---|---|
| EBDB | 10 eBUS Ports | 60-1170-01 |
| PS 1220EB | Power and Six eBUS Ports | 70-988-01 |
| STP 20-2P/1000 | Plenum 1000' (305 m) Spool | 22-163-03 |
| STP 20-2/1000 | Non Plenum 1000' (305 m) Spool | 22-161-03 |
| PS 910 C | 9V, 1A, Captive Screw Connector | 70-774-01 |
| UCM 100 | Black | 70-903-02 |
| Flex55 100 Mounting Kit Series | Various | Various |
| EWB 212 | External Wall Box for Flex55 and EU products | 70-1131-12 |
| SMB 210 Series | Low Profile Surface Mount Boxes for Extron Flex55 and EU products | Various |

FLEX55

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