

# EBP VC1 EU

## EBUS BUTTON PANEL WITH VOLUME CONTROL - 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
- ▶ One backlit, soft-touch button 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 VC1 EU eBUS® Button Panel is a fully-customizable AV system control interface for Extron eBUS-enabled control systems. This easy-to-use control panel connects to an IPCP Pro control processor and provides volume control within a room. It features a rotary volume control knob that provides smooth, precise volume levels and a dual color, illuminated soft touch button for muting. Five bright LEDs provide at-a-glance level indication of system volume levels. Two eBUS ports are available for easy system expansion. 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

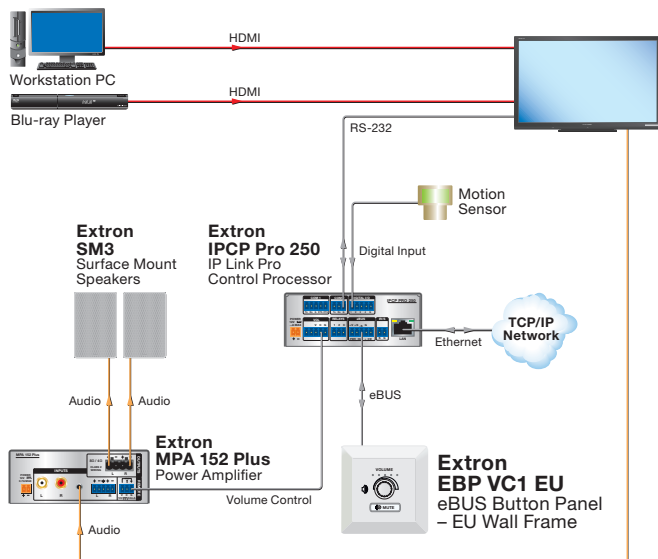
**eBUS button panels** connect using a unique digital bus architecture that allows for easy control system expansion, greater design options, and future upgrades. Button panels are linked to the control processor and to each other using a single cable that carries both power and communication. This efficient, 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
- ▶ One backlit, soft-touch button 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 users guide or setup guide for details. |

### SOFTWARE AND CONTROL OPTIONS

|                 |  |
|-----------------|--|
| Software        | Extron Global Configurator® Plus and Professional<br>Global Scripter<br>Toolbelt |
| Program control | Extron Control   |

### GENERAL

|                        |  |
|------------------------|--|
| Power                  | Power is supplied by an Extron IPCP Pro series control processor or optional power supply  |
| eBUS power consumption | TBD  |
| Thermal dissipation    | TBD  |
| Enclosure dimensions   |  |
| Faceplate              | 3.2" H x 3.2" W x 0.4" D (8.1 cm H x 8.1 cm W x 1.0 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)<br>2.2" H x 2.2" W x 2.2" D (5.5 cm H x 5.5 cm W x 5.5 cm D) including captive screw connectors<br>(Depth includes faceplate, buttons, and knob. Allow at least TBD" [TBD cm] depth in the wall or furniture.) |
| Product weight         | TBD  |
| Regulatory compliance  |  |
| Safety                 | CE, c-UL, UL   |
| EM/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 VC1 EU | Flex55 and EU Mount, Black and White, Vol Control | 60-1184-31  |

### 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](http://www.extron.com)  
Specifications are subject to change without notice.

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