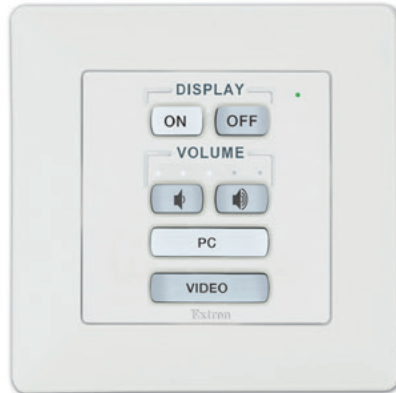# EBP 106 MK

EBUS BUTTON PANEL - MK WALL FRAME

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

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

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

▸ **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 white MK wall frame and mounting bracket**

The Extron EBP 106 MK 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. Six 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
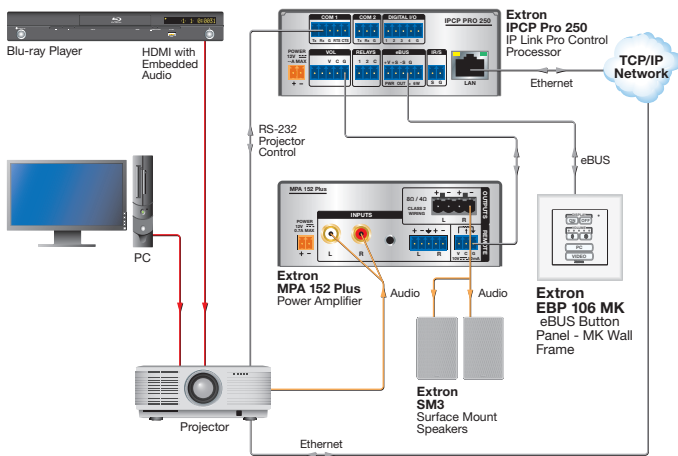## INTERFACING, SWITCHING AND CONTROL

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. 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 the online Custom Button Builder application.

FEATURES

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

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

▸ Two eBUS ports allow for quick system expansion and upgrades

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

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	4.9 BTU/hr
Enclosure dimensions	
Faceplate	3.4" H x 3.4" W x 0.4" D (8.6 cm H x 8.6 cm W x 1.0 cm D) (Depth includes faceplate and buttons.)
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 1.16" [2.95 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 106 MK	MK Mount, White, 6 Button	60-1084-23

Optional Accessories

Model	Version Description	Part Number
EBDB	10 eBUS Ports	60-1170-01
PS 1220EB	Power and Six eBUS Ports	70-988-01
PS 1210 C	12V, 1A, Captive Screw Connector	70-775-01
PS 1220	12V, 2A, 1/4 Rack, 3 Captive Screw Ports	70-967-01
UCM 100	Black	70-903-02
STP20-2/1000	Non-Plenum 1000' (305 m) spool	22-161-03
MK 101	One-gang, white	70-897-13

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