

DATA SHEET

EASYCONNECT MPX 100

BYOM AV SWITCHING DEVICE AND PORT EXPANDER



The EasyConnect MPX 100 effortlessly adds BYOM calls to UC rooms. The MPX 100 is an easy-to-use AV Switcher for BYOM designed for conference rooms equipped with a dedicated UC room system, such as Microsoft Teams Rooms or Zoom Rooms, but from which a user occasionally needs to use an alternate UC platform. When a user needs to use an alternate UC platform, they simply connect a laptop to the MPX 100 via a USB and HDMI cable pair, and it will automatically switch away from the primary UC compute and connect the BYOM laptop to the in-room AV peripherals. As soon as the user disconnects the USB and HDMI cable pair, the MPX 100 switches the room peripherals back to the dedicated UC room compute.

EasyConnect MPX 100 provides simple connectivity with no drivers required. The MPX 100 is SageVue compatible, offers passthrough to other Biamp AV solutions, and enables firmware updates on connected devices. The MPX 100 also includes extra USB ports for cameras, microphones, or touchscreens; HDMI 2.0 for displays up to 4K resolution; and up to 4K camera support.

FEATURES

- Simple/frictionless switching of room display and USB peripherals between dedicated UC Platform and BYOM laptop
- SageVue or web based monitoring/administration of EasyConnect MPX 100 and room peripherals
- Provides power and updates for the Parlé bar (USB-C port)
- Adds USB Ports to expand the room configuration
- Supports Windows and macOS laptops

ARCHITECTS & ENGINEERS SPECIFICATIONS

The AV Switcher for BYOM shall be designed to mount behind a display or under a conference table. The AV Switcher for BYOM shall accept video and data signals from an in-room UC Compute via an HDMI 2.0 port and a USB 3.0 Type B port. The AV Switcher for BYOM shall accept video and data signals from a user laptop via an HDMI 2.0 port and a USB 3.0 Type B port. The AV Switcher shall enable network connectivity via a Gigabit ethernet port and support communication protocols to be compatible with the Biamp SageVue software application for monitoring and updating Parlé VBC 2500/2500a video conferencing bar. The AV Switcher for BYOM shall include a USB 3.0 Type C port with sufficient Power Delivery to support a Parlé ABC 2500/2500a, or Parlé VBC 2500/2500a video conferencing bar. The AV Switcher for BYOM shall have three additional USB 3.0 Type A ports for connecting to in-room peripheral devices. The AV Switcher for BYOM shall be CE marked, UL and cUL listed, and shall be compliant with the RoHS directive. Warranty shall be five years. The AV Switcher for BYOM shall be Biamp EasyConnect MPX 100.

EASYCONNECT MPX 100 SPECIFICATIONS

UC ports:	1 x HDMI in 2.0 1 x USB 3.0 Type-B	Power Consumption 100-240VAC 50/60Hz:	< 150W
Laptop ports:	1 x HDMI in 2.0 1 x USB 3.0 Type-B		
Room A/V ports:	1 x HDMI out 2.0 3 x USB 3.0 Type-A 1 x USB 3.0 Type-C	Environmental	
Network port:	RJ 45 Network Gigabit Ethernet (LAN)	Ambient Operating Temperature Range:	32-104° F (0-40° C)
Power:	1 x 24V/3.75A with lock connector	Relative Humidity:	0-98%, non-condensing
Overall Dimensions		Altitude:	0-6,600 ft (0-2000m) MSL
Height:	1.47 inches (37.3 mm)	Compliance:	FCC Part 15B (USA)
Width:	8.11 inches (206 mm)		Canada ICES-003 (A) / NMB-003 (A)
Depth:	8.11 inches (206 mm)		CE marked (Europe)
Weight:	1.9 lbs (0.86kg)		UL und C-UL listed (USA and Canada)
			RCM (Australia)
			RoHS Directive (Europe)

Biamp strives to improve its products on a continual basis. Specifications are therefore subject to change without notice.

EASYCONNECT MPX 100 BACK PANEL:



INCLUDED WITH THE SYSTEM:

- 2 x USB 3.0 3' (1m) Type A to B
- 1 x USB 3.0 15' (5m) Type B to C Active
- 2 x HDMI 2.0 3' (1m) 4k60
- 1 x HDMI 2.0 15' (5m) 4k60
- 2 x Cable sliders (tabletop USB/HDMI wire management)
- 1 x Mounting plate with cable retainer

OPTIONAL ACCESSORIES:



EasyConnect USB3-3-AB
USB 3.0 3' (1m) Type A to B
EasyConnect USB3-5-AB
USB 3.0 5' (2m) Type A to B



EasyConnect USB3-10-CC
USB 3.0 10' (3m) Type C to C



EasyConnect USB3-15-BC
USB 3.0 15' (5m) Type B to C Active
EasyConnect USB3-30-BC
USB 3.0 30' (10m) Type B to C Active
EasyConnect USB3-50-BC
USB 3.0 50' (15m) Type B to C Active



EasyConnect HDMI4k-3
HDMI 2.0 - 3' (1m) 4k60

EasyConnect HDMI4k-5
HDMI 2.0 - 5' (2m) 4k60

EasyConnect HDMI4k-15
HDMI 2.0 - 15' (5m) 4k60

EasyConnect HDMI4k-30
HDMI 2.0 - 30' (10m) 4k60 Active

EasyConnect HDMI4k-50
HDMI 2.0 - 50' (15m) 4k60 Active

Biamp is a registered trademarks of Biamp Systems, LLC in the United States and other countries. Other product names referenced may be trademarks or registered marks of their respective owners and Biamp Systems is not affiliated with or sponsored by these companies.



A: 9300 S.W. Gemini Drive Beaverton, OR 97008 USA

T: +1 503.641.7287

W: www.biamp.com