DATA SHEET
EASYCONNECT USB-C ADAPTER

The Biamp 3-in-1 USB-C Adapter is a premium connectivity solution that combines power delivery, high-resolution display output, and high-speed data transfer in one sleek device. Designed for professionals who demand reliable performance and versatility, this hub seamlessly integrates with your workspace while delivering exceptional functionality. This USB-C adapter is fully compatible with EasyConnect MPX 100.

FEATURES

- **4K Ultra HD Display Support:** Crystal-clear HDMI output up to 4K@60Hz
- **Fast Data Transfer:** USB 3.0 port delivers lightning-fast 5Gbps transfer speeds
- **Power Delivery:** Up to 90W USB-C charging capability
- **Universal Compatibility:** Works with major operating systems including Mac OS X 10.2+, Windows, and Linux
- **Portable Design:** Compact and hot-swappable for maximum flexibility

ARCHITECTS & ENGINEERS SPECIFICATIONS

The USB-C adapter shall be a professional-grade 3-in-1 hub featuring HDMI 2.0 output, USB 3.0 data transfer, and USB-C power delivery capabilities. The device shall support video output resolutions up to 3840 x 2160 pixels (4K) at 60Hz with synchronized audio transmission, while providing USB 3.0 data transfer speeds up to 5Gbps through a USB Type-A port delivering 0.9A maximum output current.

The USB-C Power Delivery port shall support charging up to 90 watts with 5-20V DC input range and 0.5-5A output current range, maintaining 90% or greater power efficiency. The device shall incorporate overcurrent and short-circuit protection with auto-recovery capability, maintaining voltage regulation within ±5% and maximum ripple below 150mVp-p.

The adapter shall operate between -20° to +40° Celsius and 20-90% relative humidity (non-condensing), using passive cooling. The device shall be hot-swappable and compatible with Windows, Mac OS X (10.2+), and Linux systems without additional drivers. The unit shall comply with CE, ROHS, and FCC standards, while adhering to GB/T, IEC, EN, and UL standards for environmental testing and electrical safety.

The USB-C adapter shall be the EasyConnect USB-C Adapter.

PRODUCT SPECIFICATIONS

Power Delivery		Environmental	
Maximum Output Power	90W	Operating Temperature	-20°C to +40°C
Input Voltage Range	5-20V	Storage Temperature	-40°C to +80°C
DC Output Current	0.5-5A	Humidity Range	20-90% non-condensing
Power Efficiency	≥90%	**Compatibility Features**	
Display Output		USB-C DisplayPort (DP Alt Mode)	Yes
HDMI Resolution	Up to 3840x2160 (4K)	**Protection Features**	
Refresh Rate	60Hz	Overcurrent Protection	Yes (>1.5A USB, >5A PD)
Audio	Integrated audio support	Short Circuit Protection	Yes (auto-recovery)
Data Transfer		Voltage Regulation	±5% accuracy
USB Version	3.0	**Compliance**	
Transfer Speed	Up to 5Gbps	Certifications	CE, ROHS, FCC
USB Output Current	0.9A max	Standards	EN, UL, IEC compliant

Biamp strives to improve its products on a continual basis. Specifications are therefore subject to change without notice.
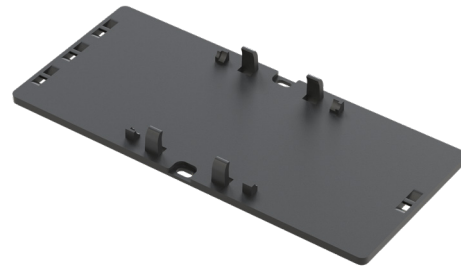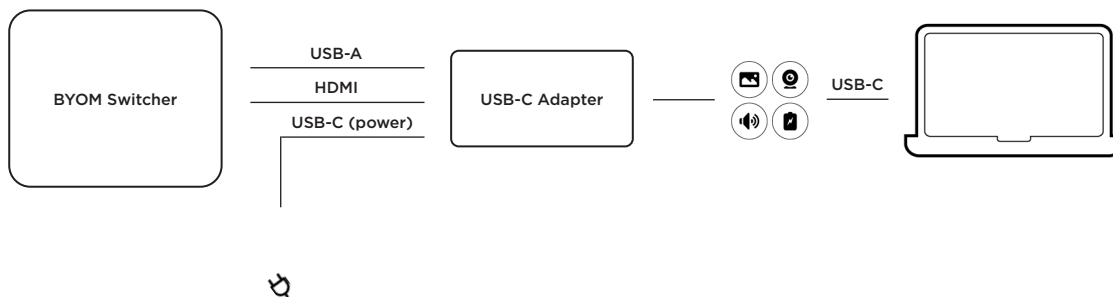
EASYCONNECT USB-C ADAPTER:

USB-C

USB-A, HDMI, USB-C

INCLUDED WITH THE SYSTEM:

• Wall mount plate

FUNCTIONAL DIAGRAM

BYOM Switcher — USB-A / HDMI / USB-C (power) → USB-C Adapter → USB-C → [laptop]