VIDEO WALL VIDEO PROSESSORS MILTIVIEWERS
DIGITAL SIGNAGE EXNTENDERS CONTROL
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HDM-SWITCHPRO-4X2USB

4K@60 4x2 Seamless Matrix with USB Docking



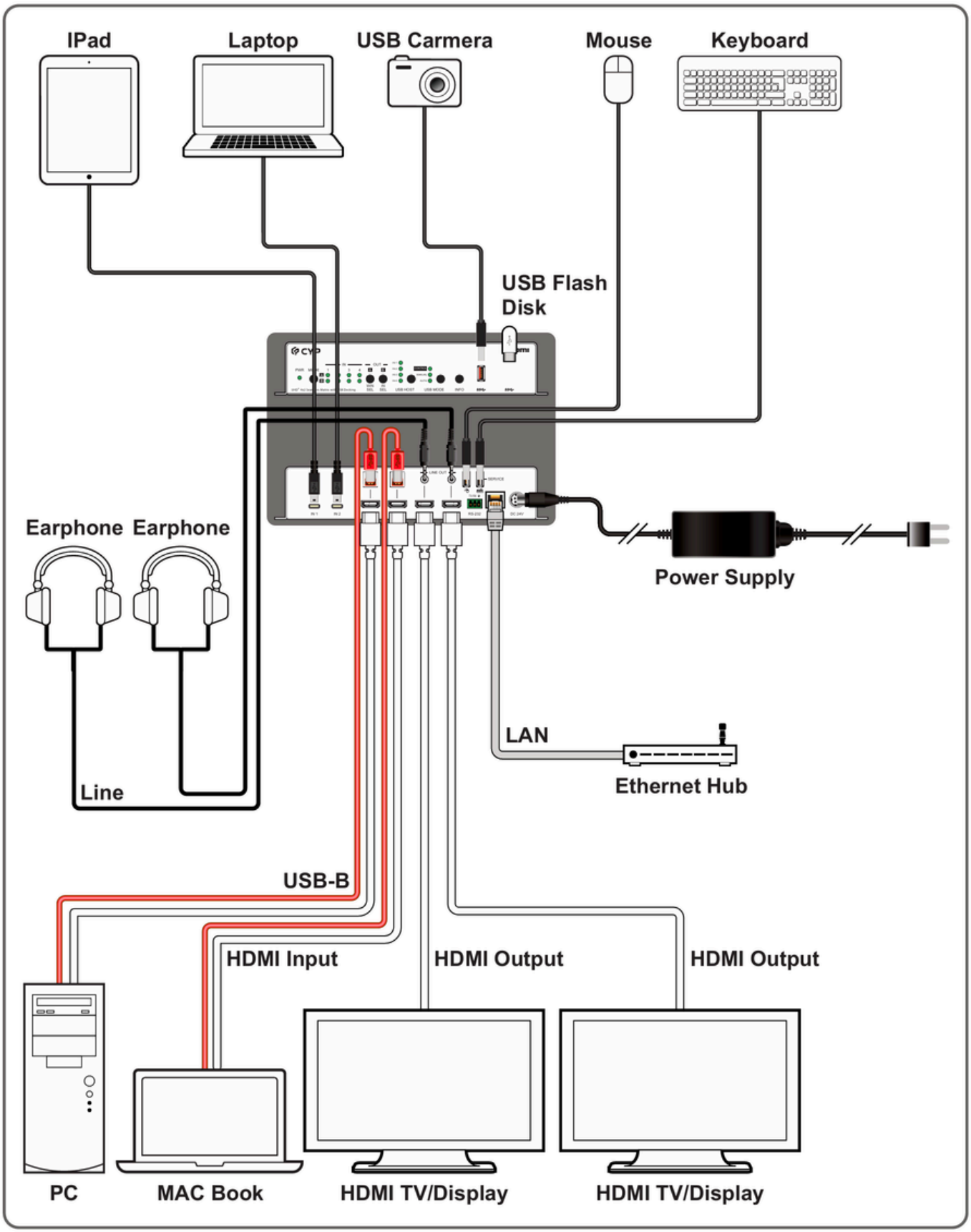
INTRODUCTION

This 4K@60 4 by 2 Matrix is a high performance HDMI/USB-C matrix switcher with integrated scaling, multi-window mode, and USB with mouse control interface. With the seamless switch feature, it is an ideal solution for monitoring or displaying multiple sources simultaneously for control rooms, conference rooms or classrooms. Any of 4 different sources including HDMI and USB-C may be displayed individually, full screen, or multi-window mode including quad mode, PiP, and PoP with the output being sent to 2 HDMI outputs. Management of input/window routing, position and sizing can be controlled easily by use the with a USB mouse. Video resolution is up to 4K@60Hz and LPCM audio 2 channel at 48kHz are supported on both input and output ports. This unit is fully compatible with the HDCP 1.x and 2.2 standards.

KEY FEATURES

- 2 HDMI inputs, 2 USB(Type-C) inputs and 2 HDMI outputs up to 4K@60 4:4:4 • Controllable via front panel buttons, Telnet, RS-232, and OSD via USB mouse and keyboard
- 2 USB Type-C Inputs support USB3.1 Gen1 to Ethernet and DP video
- Two USB Type-C ports respectively provide 45W and 30W of power to each connected device • Supports PiP (Picture-in-Picture), PoP, quad mode display options with independent audio source selection or auto audio switch by following USB control function
- Seamless switching (no loss of sync to display) when switching sources in both matrix and multi-view modes
- Supports easy adjustment of window size, position and settings in the window mode via USB mouse
- Supports the ability to store a multi-window arrangement as a preset that can be recalled later
- Selected window will have a border to highlight the window that is being operated
- DVI 1.0 compatible with the use of an HDMI-DVI adaptor
- HDCP 1.x and 2.2 compliant

APPLICATIONS



SPECIFICATION

Interfaces	
Input Port 2	HDMI(Type-A) 2 USB(Type-C)
Output Port 2	HDMI(Type-A) 2 Stereo Audio (3.5mm)
Control I/O	1 RS-232 (3-pin Terminal Block)
Pass-through Port	2 USB(Type-B) 2 USB (Type-A) 2 USB(Type-A) 1 LAN (RJ-45)
Service Port	1 USB (Type-A) *Combined with USB of Keyboard
USB	
Input Port	
Type	Type-C
Generation	USB3.2 Gen1
Transfer Rate	5Gbps
Pass-through Ports	
Type	Type-A | Type-B
Generation	2 USB3.2 Gen1 2 USB2.0 | 2 USB3.2 Gen1
Transfer Rate	5Gbps (USB3.2 Gen1) | 5Gbps 480Mbps (USB2.0)
Video	
HDMI Compliance	2.0 (DVI 1.0
HDCP Compliance	2.2
Input/Output Signal Types	4K@60 8bit YUV/RGB 4:4:4
Maximum Input/Output	HDMI 4096×2160p@60(input/output) | 2560×1600p@60RB (just output)
Audio	
HDMI	LPCM (2 channel, 48kHz) | Dolby Digital pass-through | DTS 5.1 channel pass-through
Power	
Power Supply	24V/7.5A
Power Consumption	140W
Enclosure	
Chassis Material	Metal (Steel)
Chassis Color	Black
Dimensions (W×H×D)	213.5mm×44mm×158mm [Case Only] 231.5mm×49mm×163mm [All Inclusive]
Weight	1270g

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