

Front side



Back side

## 8x8 HDMI 2.0 Matrix 18Gbps

This 8x8 HDMI Matrix supports the transmission of video up to 4k2k @60Hz (4:4:4) and multi-channel high resolution digital audio from eight (8) HDMI sources to eight (8) HDMI displays. Audio de-embedded to analog and coaxial audio is supported by eight (8) HDMI output ports. While HDMI output ARC function is enabled, the ARC audio from the HDMI display devices will be extracted to coaxial audio output. Each HDMI output of this 8x8 HDMI Matrix supports 4k2k to 1080p downscale independently. Control is via front panel buttons, IR remote, RS-232, LAN, and Web GUI.

### Featured Highlights

- HDMI 2.0b, HDCP 2.2 compliant
- Up to 4K / 2K @60Hz with 24bit RGB / YCbCr (4:4:4)
- HDR, HDR10, HDR10+, Dolby Vision pass through
- Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- Each output supports 4K to 1080p downscale independently
- Each output supports digital and analog audio de-embedded
- Advanced EDID management
- Source and Display control via CEC
- Front panel button, IR, RS-232, TCP/IP and Web GUI control

**SPECIFICATIONS**

<b>HDMI Compliance</b>	HDMI 2.0b
<b>HDCP Compliance</b>	HDCP 2.2 and HDCP 1.4
<b>Video Bandwidth</b>	18Gbps
<b>Video Resolution</b>	Up to 4K2K@50/60Hz (4:4:4)
<b>Color Space</b>	RGB, YCbCr 4:4:4/2:2/4:2:0
<b>Color Depth</b>	8-bit, 10-bit, 12-bit
<b>HDMI Audio Formats (Pass-through)</b>	LPCM 2/5.1/7.1, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
<b>Coax Audio Formats</b>	LPCM 2.0, Dolby Digital / Plus, DTS 5.1
<b>L/R Audio Formats</b>	PCM2.0
<b>HDR formats</b>	HDR10, HDR10+, Dolby Vision, HLG
<b>ESD Protection</b>	Human-body Model: ±8kV (Air-gap discharge), ±4kV (Contact discharge)

Resolution / Cable Length	4K60 - Feet / Meters	4K30 - Feet / Meters	1080P60 - Feet / Meters
HDMI IN / OUT	16ft / 5M	32ft / 10M	50ft / 15M

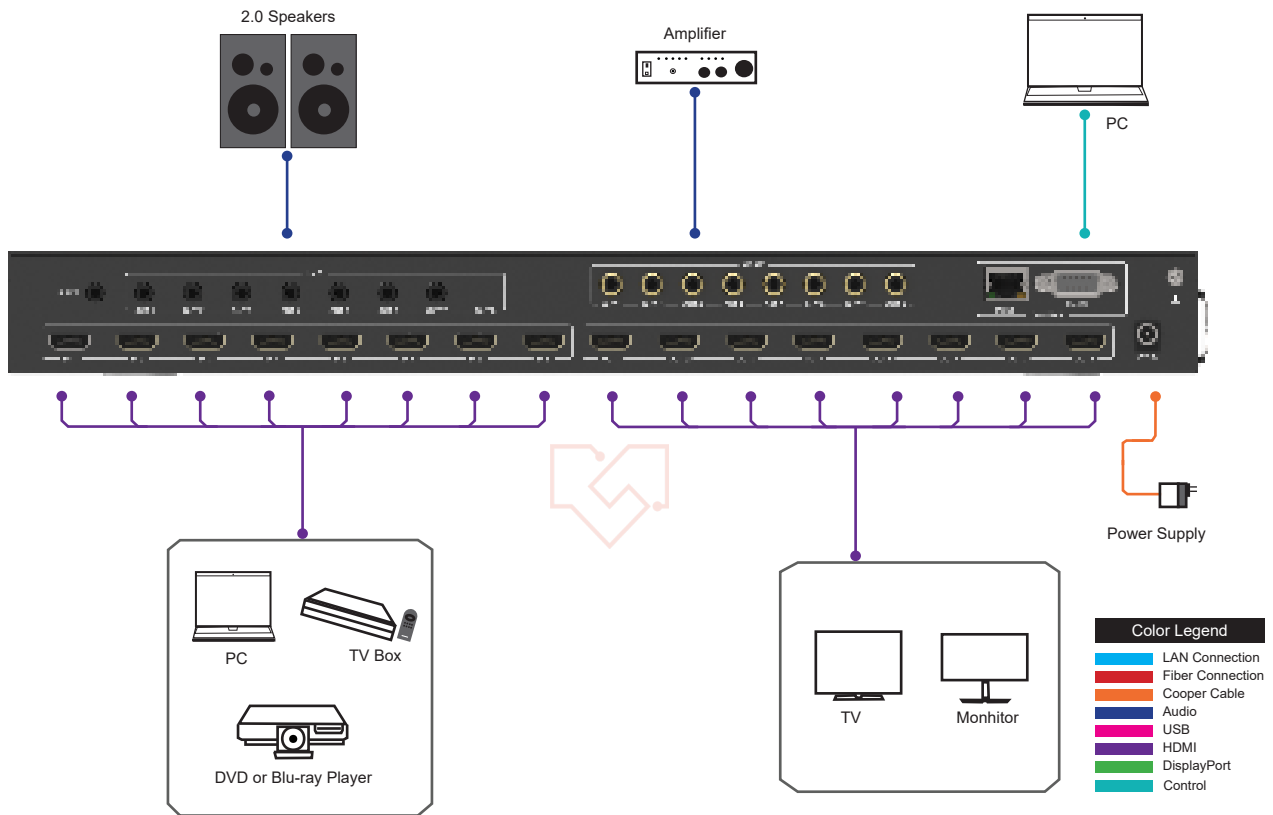
The use of "Premium High Speed HDMI" cable is highly recommended.

**CONNECTIONS**

<b>Input Ports</b>	8×HDMI Type A [19-pin female] 1×IR EXT [3.5mm Stereo Mini-jack]
<b>Output Ports</b>	8×HDMI Type A [19-pin female] 8×Coax Audio (RCA) 8×L/R Audio [3.5mm Stereo Mini-jack]
<b>Control Ports</b>	1×TCP/IP [RJ45] 1×RS-232 [D-Sub 9]

**MECHANICAL**

<b>Housing</b>	Metal Enclosure
<b>Color</b>	Black
<b>Dimensions</b>	440mm (W)×200mm (D)×44.5mm (H)
<b>Weight</b>	2.8kg
<b>Power Supply</b>	Input: AC 100 - 240V 50/60Hz Output: DC 12V/5A (US/EU standard, CE/FCC/UL certified)
<b>Power Consumption</b>	43W
<b>Operating Temperature</b>	-10°C ~ 45°C / 14°F ~ 113°F
<b>Storage Temperature</b>	-20°C ~ 60°C / -4°F ~ 140°F
<b>Relative Humidity</b>	20~90% RH (Non-Condensation)

**APPLICATION EXAMPLE**

**Applications**

Digital Signage, Conference Rooms, Operating Rooms and Audio-Video Rooms