



2x2 HDMI 2.0 Matrix 18Gbps

The 18Gbps 2x2 HDMI Matrix switcher supports the transmission of video signals (up to 4K2K@50/60Hz YCbCr 4:4:4) from two HDMI sources to two HDMI displays simultaneously. This product supports audio extraction from output A to optical and analog output. It supports three modes of EDID setting (AUTO, COPY, and STD). Flexible control via panel buttons and IR remote; the corresponding LED indicator on the front panel will be illuminated.

Featured Highlights

- HDCP2.2 / HDCP1.x, DVI 1.0 compliant
- Supports 18Gbps video bandwidth
- Video resolution is up to 4K2K@50/60Hz (4:4:4)
- Supports digital and analog audio extract output from output A
- EDID can be selected with AUTO, COPY and STD mode via the selector on the front panel
- Supports analog audio PCM 2.0
- Supports optical audio pass-through format: LPCM 2.0/2.1CH, Dolby 5.1, Dolby True HD, Dolby DD+, DTS 5.1, DTS-ES 6/DTS-HDMA 5.1, DTS HD-HRA 5.1.
- Supports HDR function
- Flexible control via panel buttons and IR remote

SPECIFICATIONS

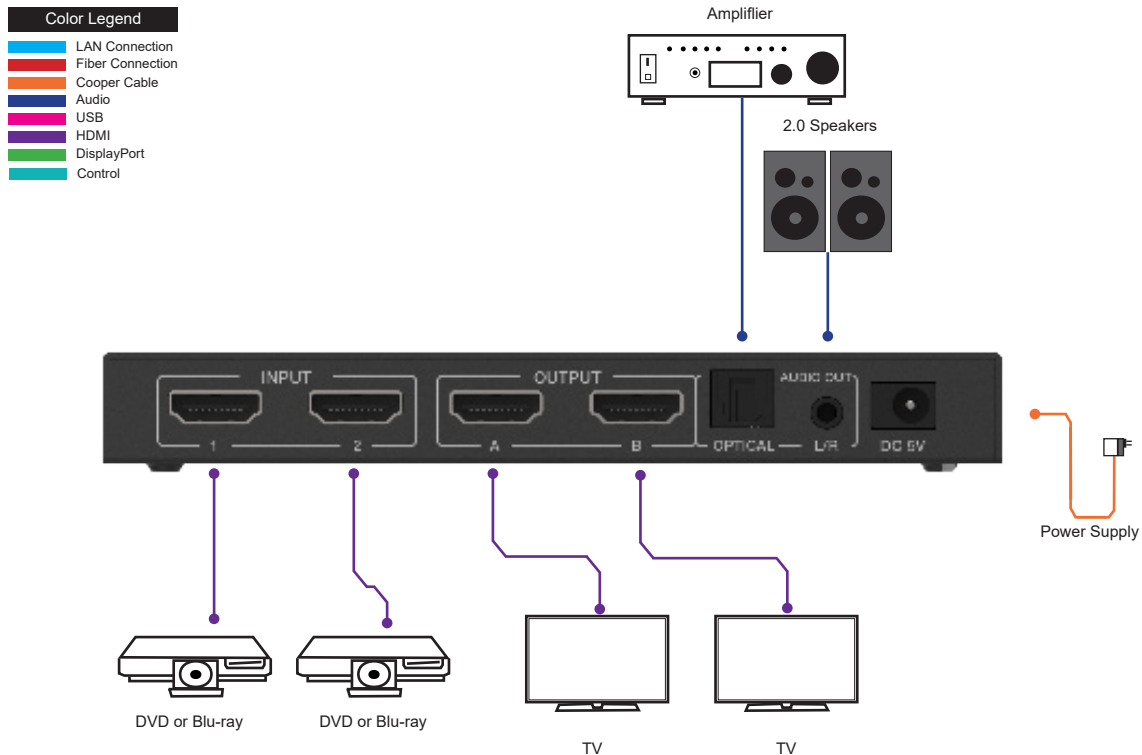
HDCP Compliance	HDCP 2.2 and HDCP 1.x
DVI Compliance	DVI 1.0
Video Bandwidth	594MHz / 18Gbps
HDMI Video Resolution	Up to 4K2K@50/60Hz YCbCr 4:4:4
High Dynamic Range	HDR,HDR 10+,HLD,DOLBY VISION
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color Depth	8-bit, 10-bit, 12-bit
HDMI Audio For-mats	PCM2.0/5.1/7.1CH, Dolby 5.1, DTSS.1, Dolby-TrueHD, DTS-HD
L/R Audio Formats	Analog stereo PCM 2.0
Optical Audio For-mats	LPCM[2.0/2.1]CH, Dolby 5.1, Dolby True HD, Dolby DD+, DTS 5.1, DTS-ES 6, DTS-HDMA 5.1, DTS HD-HRA 5.1
ESD Protection	Human-body Model:±8kV (Air-gap discharge) , ±4kV (Contact discharge)

MECHANICAL

Housing	Metal Enclosure
Silkscreen Color	Black
Dimensions	144mm (W)×59.5mm (D)×18mm (H)
Weight	208g
Power Supply	Input: AC100~240V 50/60Hz Output: DC5V/1A (US/EU standard, CE/FCC/UL certified)
Power Consumption	2.7W (Max)
Operation Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20 - 90% RH (Non-Condensation)

CONNECTIONS

Input Ports	2×HDMI Type A [19-pin female] 1×IR Receiver Window
Output Ports	2×HDMI Type A [19-pin female] 1×L/R [3.5mm Stereo Mini-jack] 1×OPTICAL OUT [Optical jack]

Classic Application Example

Applications

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