



8K HDMI 1x4 Splitter

This 8K HDMI 1x4 Splitter can distribute one HDMI source signal to any four display devices. Video resolution is up to 8K@60Hz 4:2:0 12bit. It supports data rates up to 48Gbps to comply with HDMI 2.1 and HDCP 2.3 requirements. It includes several features for ease of integration, such as EDID management and cable equalization. Resolution downscaling is also supported. It is an easy-to-use solution for HDMI installation, and can transmit the audio signal to any sound system with 5.1/2.0CH. This multi-functional product can be widely applied in scenarios of demonstration, video conference, multimedia teaching and other occasions

Featured Highlights

- HDMI 2.1 and HDCP 2.3 compliant
- Supports 48Gbps FRL and 18Gbps TMDS video bandwidth
- Supports resolution up to 8K@60Hz 4:2:0 12bit, 4K@120Hz 4:4:4 12bit 8K@30Hz 4:4:4 12bit
- VRR, ALLM, QMS, QFT, SBTM supported
- Support HDR, HDR10, HDR10+, Dolby Vision, HLG pass-through
- Support HDMI audio formats: LPCM 7.1CH, Dolby TrueHD, Atmos, DTS-HD Master Audio
- Supports resolution auto downscaling and converting on each output port
- Advanced EDID management

TECHNICAL

HDMI Compliance	HDMI 2.1
HDCP Compliance	HDCP 2.3, HDCP1.4
Video Bandwidth	48Gbps FRL and 18Gbps TMDS
Video Resolution	Up to 8K@60Hz 4:2:0 12bit, 4K@120Hz 4:4:4 12bit, 8K@30Hz 4:4:4 12bit
Color Depth	8/10/12bit
Color Space	RGB, YCbCr_4:4:4, YCbCr_4:2:2, YCbCr_4:2:0
HDR	HDR, HDR10, HDR10+, Dolby Vision, HLG
Audio Formats	HDMI input/output: LPCM, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD Audio de-embedding output: Optical: LPCM/Dolby/DTS 5.1CH Analog: LPCM 2CH
ESD Protection	Human body model — ±8kV (Air-gap discharge) & ±4kV (Contact discharge)

Recommended HDMI Cable

Video Resolution	8K	4K60	4K30	1080P
HDMI Cable Length (HDMI IN / OUT)	2m/6.6ft (Ultra HDMI 2.1)	5m/16ft	10m/33ft	15m/49ft

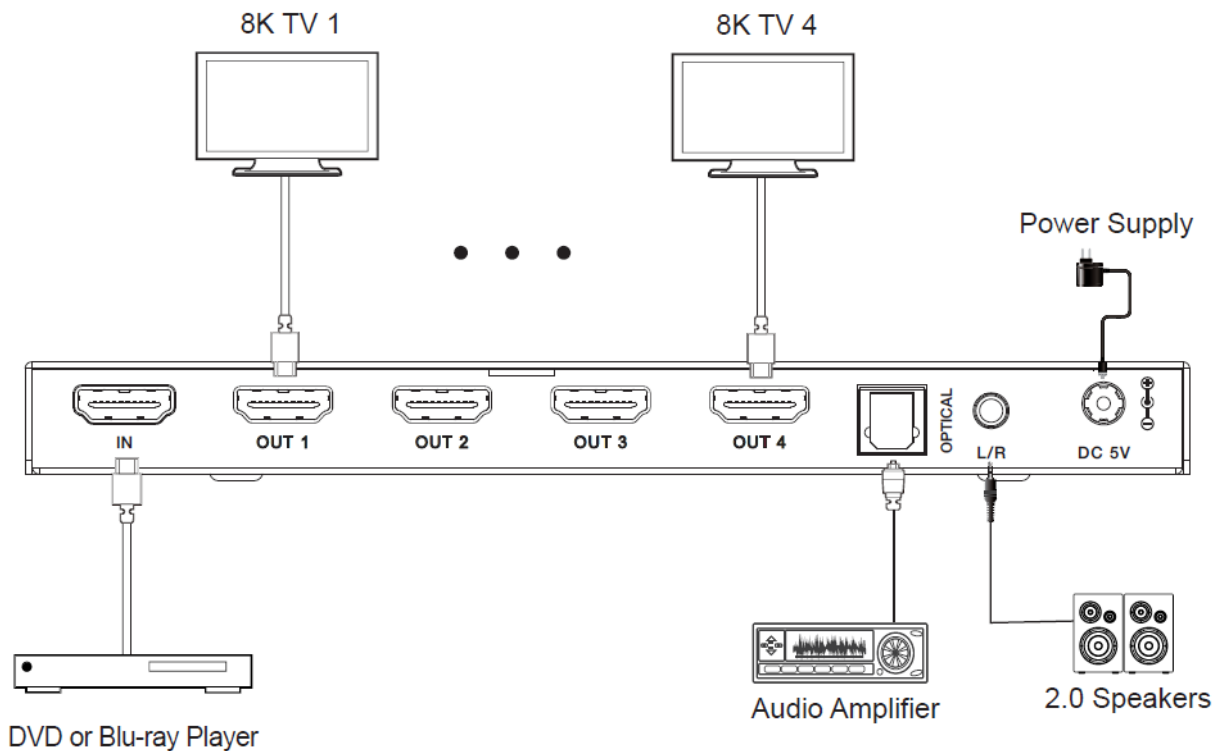
The use of "Premium High Speed HDMI" cable is highly recommended.

MECHANICAL

Housing	Metal Enclosure
Color	Black
Dimensions	176mm (W) × 68mm (D) × 18mm (H)
Weight	295g
Power Supply	Input: AC 100-240V 50/60Hz, Output: DC 5V/2A (US/EU standards, CE/FCC/UL certified)
Power Consumption	6W (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-condensing)

Connection

Input	1 × HDMI IN [Type A, 19-pin female]
Output	4 × HDMI OUT [Type A, 19-pin female] 1 × OPTICAL [S/PDIF] 1 × L/R [3.5mm Stereo Mini-jack]
Control	1 × SERVICE [USB Type C, Update port]

Classic Application Example


Applications AV distribution system in Digital signage, Shopping malls, Video-wall, etc.