

## 8K HDMI 1x2 Splitter

This 8K HDMI 1x2 Splitter can distribute one HDMI source signal to any two 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 also has advanced EDID management and audio de-embedding function (output through the optical and analog port). This multi-functional product can work well with xbox or PS5 to achieve 4K@120Hz video resolution on your TVs or relative monitors.

### Featured Highlights

- HDMI 2.1 and HDCP 2.3 compliant
- Support 48Gbps FRL and 18Gbps TMDS video bandwidth
- Support resolution up to 8K@60Hz 4:2:0 12bit, 4K@120Hz 4:4:4 12bit
- VRR, FVA, ALLM supported
- Support HDR, HDR10, HDR10+, Dolby Vision, HLG pass-through
- Support HDMI audio formats: LPCM 7.1CH, Dolby TrueHD, Atmos, DTS-HD Master Audio
- Support audio de-embedding function (output through the optical and analog port)
- Support 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
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	<b>HDMI input/output:</b> LPCM, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD <b>Audio de-embedding output:</b> 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

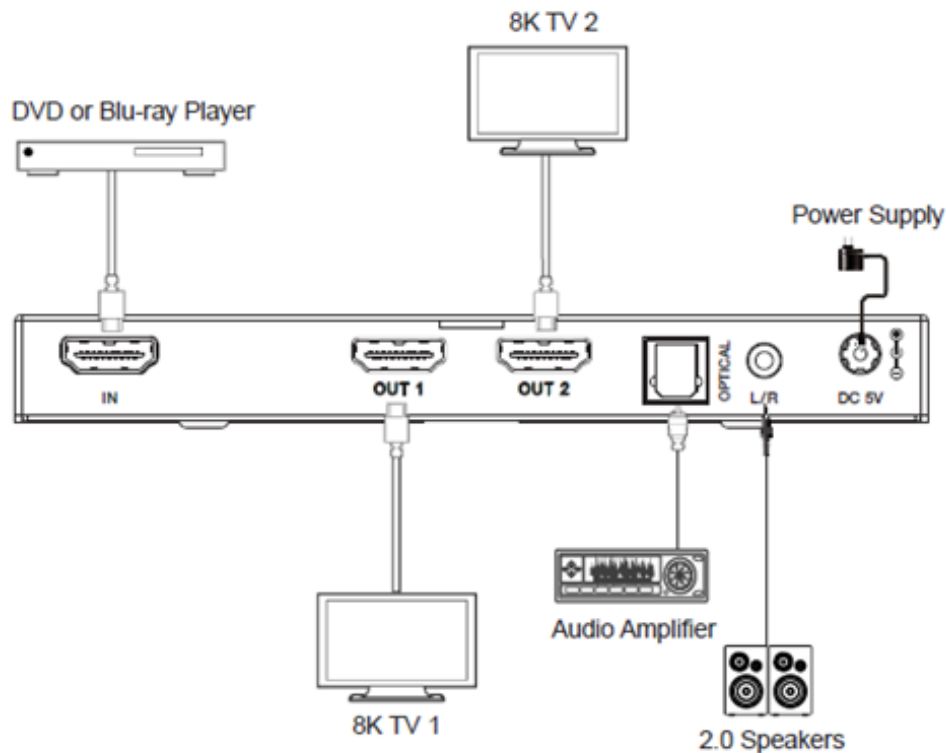
The use of "Premium High Speed HDMI" cable is highly recommended.

**MECHANICAL**

Housing	Metal Enclosure
Color	Black
Dimensions	145mm (W) × 68mm (D) × 17mm (H)
Weight	260g
Power Supply	Input: AC 100-240V 50/60Hz, Output: DC 5V/2A (US/EU standards, CE/FCC/UL certified)
Power Consumption	4.5W (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	2 × 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.