

8K 1x2 HDMI 2.1 Splitter with Audio De-Embedding

40Gbps, HDCP 2.3, HDR/Dolby Vision, 4K@120Hz, VRR/ALLM, Audio Extraction

Split one 8K HDMI 2.1 source to two displays with built-in audio de-embedding. 40Gbps, 8K@60Hz 4:2:0 10-bit, 4K@120Hz 4:4:4 10-bit. Audio extraction connects to external amplifiers, soundbars, or speakers independently of displays.

Surge Protection Recommended

FEATURES

- ✓ HDMI 2.1 and HDCP 2.3 compliant
- ✓ 40Gbps video bandwidth
- ✓ 8K@60Hz 4:2:0 10-bit, 8K@30Hz 4:4:4 10-bit, 4K@120Hz 4:4:4 10-bit
- ✓ VRR, FVA, ALLM supported
- ✓ HDR10, HDR10+, Dolby Vision, HLG pass-through
- ✓ LPCM, Dolby TrueHD, DTS-HD Master Audio, DSD
- ✓ Audio de-embedding output
- ✓ Built-in equalizer, retiming, and driver
- ✓ Advanced EDID management

SPECIFICATIONS

TECHNICAL	
HDMI	HDMI 2.1
HDCP	HDCP 2.3
Bandwidth	40Gbps
Resolution	8K@60Hz 4:2:0 10-bit, 8K@30Hz 4:4:4 10-bit, 4K@120Hz 4:4:4 10-bit
HDR	HDR10, HDR10+, Dolby Vision, HLG
Audio	LPCM, Dolby TrueHD, DTS-HD MA, DSD

CONNECTION	
Input	1 × HDMI IN
Output	2 × HDMI OUT • Audio Out
Control	Advanced EDID • EQ/Retiming/Driver



Application Example

8K Splitting + Audio Extraction



How it works: Connect source to HDMI IN. Displays to OUT 1–2. Audio output to amplifier or soundbar. Audio extracted independently of HDMI outputs.

TROUBLESHOOTING

Q: No signal?

A: Verify Ultra High Speed HDMI cables. Power-cycle. Check source/display compatibility.

Q: No audio from extraction?

A: Verify audio cable to receiver. Check source audio format. Some formats may require specific EDID settings.

Q: HDR not passing through?

A: Ensure both source and display support the HDR format. Verify EDID settings allow HDR.

