

8K 1×2 HDMI 2.1 Splitter with Audio De-Embedding

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

MPN: SP-1X2A8K



APPROVED OVERVIEW

Split one 8K HDMI 2.1 source to two displays with built-in audio de-embedding for external audio systems. The KanexPro SP-1X2A8K is a 40Gbps 1×2 HDMI splitter that delivers up to 8K@60Hz 4:2:0 10-bit and 4K@120Hz 4:4:4 10-bit. Its audio extraction output allows connection to external amplifiers, soundbars, or speaker systems independent of the display's built-in audio.

HDMI 2.1 and HDCP 2.3 compliant. Supports VRR, FVA, and ALLM for gaming. Full HDR pass-through (HDR10, HDR10+, Dolby Vision, HLG). Audio pass-through includes LPCM, Dolby TrueHD, DTS-HD Master Audio, and DSD. Built-in equalizer, retiming, and driver ensure signal integrity. Advanced EDID management for reliable source/display negotiation.

1 PRODUCT OVERVIEW

DESIGNED FOR

AV integrators needing 8K splitting with audio breakout.

THE CHALLENGE

Splitting 8K HDMI to two displays + extracting audio to external systems.

THE KANEXPRO ADVANTAGE

Only 8K KanexPro splitter with audio de-embedding.

2 PRODUCT POSITIONING

8K 1×2 splitter with audio de-embedding for independent audio routing.

3 APPLICATIONS

Home Theater

Split 8K source to TV and projector while extracting audio to an AV receiver or soundbar. HDR pass-through maintained.

Gaming Setup

Duplicate 4K@120Hz VRR gameplay to gaming monitor + secondary display. Extract audio to external speakers.

Conference & AV

Mirror laptop to two displays with audio extracted to room speakers or DSP.

Retail & Digital Signage

Drive two displays with audio independently routed to ceiling speakers.

Education

Distribute instructor content to two screens with audio to classroom PA.

Broadcast

Feed one source to two monitors with audio breakout for external mixing.

4 WHO THIS IS FOR

AV Integrators

Home Theater

Gaming

Education

Conference

Broadcast

Ideal User

AV integrator or home theater installer

Project Types

Home theater, corporate, education, broadcast

Typical Buyer

AV integrator

5 KANEXPRO PRODUCT COMPARISON

The SP-1X2A8K is the only 8K splitter with audio extraction.

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
SP-1X2A8K	8K 1×2 + audio	40Gbps, audio de-embed, HDR/DV	This product — audio extraction
SP-HD1X28K	8K 1×2 + downscale	48Gbps, auto downscale, HDR → SDR	No audio; has downscaling; ~\$80
SP-HD1X48K	8K 1×4 + downscale	48Gbps, 4 outputs, auto downscale	No audio; 4 outputs; ~\$120

Choose SP-1X2A8K for audio breakout. SP-HD1X28K for auto downscaling. SP-HD1X48K for 4 outputs.

6 FREQUENTLY ASKED QUESTIONS

Q: Downscaling?

Not specified. Use SP-HD1X28K for auto downscaling.

sales@kanexpro.com | www.kanexpro.com