

4K 1×2 HDMI Splitter with EDID Selector

4K@30Hz, HDCP, CEC Pass-Through, Deep Color, EDID Copy/Auto Modes

MPN: SP-HD1X24K



APPROVED OVERVIEW

Duplicate one HDMI source to two displays without losing signal integrity or resolution. The KanexPro SP-HD1X24K is a 4K@30Hz compliant 1×2 HDMI distribution amplifier that splits a single HDMI input to two simultaneous outputs. Its EDID selector (Copy/Auto modes) ensures reliable resolution negotiation. HDCP and CEC compliant, backward compatible with 1080p/720p devices.

Supports Ultra HD 4K×2K@30Hz, full HD 1080p@60Hz, WUXGA 1920×1200, and all 3D formats. 12-bit per channel (36-bit) Deep Color. Audio pass-through includes 5.1 and 7.1 digital audio plus uncompressed LPCM. Compact metal enclosure powered by USB 5V. Plug and play — no driver installation required.

1 PRODUCT OVERVIEW

DESIGNED FOR

Home users, educators, small business AV.

THE CHALLENGE

Splitting one HDMI source to two displays.

THE KANEXPRO ADVANTAGE

EDID + CEC + metal + Deep Color at entry price.

2 PRODUCT POSITIONING

Entry-level 4K 1×2 HDMI splitter with EDID management and CEC.

3 APPLICATIONS

Home Entertainment

Split one Blu-ray or cable box to two TVs in different rooms. CEC pass-through allows single-remote control.

Conference & Presentation

Mirror a laptop to a local monitor and a projector simultaneously. EDID Auto mode negotiates the best common resolution.

Retail & Point of Sale

Drive two displays from one media player for product demos and digital signage.

Education

Distribute instructor content to two projectors or monitors in a classroom.

Desktop Dual Monitor

Clone a single HDMI output to two monitors for side-by-side viewing or mirrored desktop.

Houses of Worship

Send one video feed to two screens in a sanctuary. Compact enclosure fits in any AV closet.

4 WHO THIS IS FOR

Home Users

AV Installers

Education

Small Business

Worship

Retail

Ideal User

Home user or AV installer

Project Types

Consumer, education, small business, worship

Typical Buyer

End user

5 KANEXPRO PRODUCT COMPARISON

The SP-HD1X24K is the entry-level splitter. Upgrade to SP-HD1X44K for 4K@60Hz + HDR.

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
SP-HD1X24K	4K 1×2 basic	4K@30Hz, HDCP, CEC, EDID	This product — entry-level dual output
SP-HD1X44K	4K 1×4 + HDR	10.2Gbps, 4K@60Hz, HDR/DV, 4 outputs	Higher spec, more outputs; ~\$50

Choose SP-HD1X24K for basic dual-display 4K@30Hz. Upgrade to SP-HD1X44K for 4K@60Hz, HDR, and 4 outputs.

6 FREQUENTLY ASKED QUESTIONS

Q: 4K@60Hz?

No. 4K@30Hz max. Use SP-HD1X44K for 4K@60Hz.

Q: HDR?

Not specified. Use SP-HD1X44K for HDR/Dolby Vision.

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