

8K 4x1 HDMI 2.1 Switcher

48Gbps, HDCP 2.3, HDR/Dolby Vision, 4K@120Hz, VRR/ALLM, IR Remote

MPN: SW-4X18K



APPROVED OVERVIEW

Switch between four 8K HDMI 2.1 sources on a single display with front-panel button or IR remote. The KanexPro SW-4X18K is a compact 4x1 HDMI switcher delivering 48Gbps bandwidth and 8K@60Hz 4:4:4 resolution. Auto-switch detects active inputs; manual override via the front button or included IR remote. Auto EDID ensures reliable handshake with any connected display.

Compliant with HDMI 2.1 and HDCP 2.3, the switcher supports 8K@60Hz 4:4:4, 4K@120Hz 4:4:4, and full HDR pass-through (HDR10, HDR10+, Dolby Vision, HLG). VRR, ALLM, and FVA optimize gaming. Built-in equalizer and driver maintain signal integrity. Plastic enclosure measuring 122 × 65 × 19 mm (88 g), powered by included 5V/1A adapter at 3.4W max.

1 PRODUCT OVERVIEW

- DESIGNED FOR**
Gamers, home theater users, AV installers needing 4-source 8K switching.
- THE CHALLENGE**
Connecting four 8K/4K sources to one display with remote control.
- THE KANEXPRO ADVANTAGE**
48Gbps, 4 inputs, IR remote, auto-switch.

2 PRODUCT POSITIONING

Only KanexPro 4x1 with HDMI 2.1 (48Gbps) and IR remote.

3 APPLICATIONS

Gaming Setup

Switch between PS5, Xbox, PC, and Nintendo on a single 8K/4K TV. VRR and ALLM for competitive gaming.

Home Theater

Toggle between streaming box, cable box, Blu-ray, and game console. IR remote or auto-switch.

Conference Room

Four laptop/desktop HDMI feeds to one display. IR remote enables presenter switching from across the room.

Education

Instructor switches between document camera, laptop, desktop, and media player on a single projector.

Digital Signage

Four content players with auto-switch failover. Compact enclosure fits behind any commercial display.

Broadcast / Production

Four camera or playback feeds to a single confidence monitor at up to 8K for QC review.

4 WHO THIS IS FOR

Gamers

Home Theater

AV Installers

Education

Digital Signage

Broadcast

Ideal User	Gamer or home theater user with 4+ HDMI sources
Project Types	Consumer, gaming, home theater, education, signage
Typical Buyer	End user or AV installer

5 KANEXPRO PRODUCT COMPARISON

The SW-4X18K is the highest-bandwidth 4×1 in the KanexPro lineup.

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
SW-4X18K	8K 4×1 + IR	48Gbps, HDMI 2.1, auto-switch, IR	This product — highest bandwidth 4×1
SW-4X1HDAUD	4K 4×1 + ARC + audio + RS-232	18Gbps, HDMI 2.0, ARC, optical+analog, RS-232	More features but HDMI 2.0; ~\$144
SW-2X1A8K	8K 2×1 + audio	40Gbps, EDID DIP, IR, audio	Only 2 inputs; ~\$120
SW-2X18K	8K 2×1 basic	48Gbps, no IR	Only 2 inputs, no IR; ~\$52

Choose SW-4X18K for 4-source 8K switching with IR. Upgrade to SW-4X1HDAUD for ARC/audio/RS-232 (at 4K).

6 FREQUENTLY ASKED QUESTIONS

Q: Audio extraction?

No. Use SW-4X1HDAUD for audio breakout.

Q: RS-232?

No. Use SW-4X1HDAUD.

Q: EDID control?

Auto EDID only. Use SW-2X1A8K for manual EDID DIP.

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