

8K 2×1 HDMI 2.1 Switcher

48Gbps, HDCP 2.3, HDR/Dolby Vision, 4K@120Hz, VRR/ALLM, Auto-Switch

MPN: SW-2X18K



APPROVED OVERVIEW

Switch between two 8K HDMI 2.1 sources on a single display with a simple top-mounted button press — no remote, no configuration, no external power supply required. The KanexPro SW-2X18K is an ultra-compact 2×1 HDMI switcher that delivers 48Gbps bandwidth and 8K@60Hz 4:4:4 resolution in a palm-sized form factor. USB-powered and plug-and-play, it is the simplest way to add a second HDMI source to any 8K or 4K display.

Compliant with HDMI 2.1 and HDCP 2.3, the switcher supports 8K@60Hz 4:4:4, 4K@120Hz 4:4:4, and all HDR formats including HDR10, HDR10+, Dolby Vision, and HLG. VRR, ALLM, and FVA optimize gaming performance. Auto-switch detects active input automatically; manual override via the top button. Built-in equalizer and driver maintain signal integrity. Plastic enclosure measuring just 60 × 60 × 12 mm and weighing 31 g, powered by USB 5V at 1.25W max.

1 PRODUCT OVERVIEW

DESIGNED FOR

Gamers, home theater users, desktop/home office users needing simple 8K two-source switching.

THE CHALLENGE

Adding a second HDMI source to a single-port display without manual cable swapping.

THE KANEXPRO ADVANTAGE

48Gbps in 60×60×12mm, USB-powered, zero config.

2 PRODUCT POSITIONING

Entry-level 8K HDMI 2.1 switcher — highest bandwidth, smallest form factor in the KanexPro lineup.

3 APPLICATIONS

Gaming Setup

Switch between PS5 and Xbox on a single 8K/4K TV with VRR and ALLM. No remote needed — just press the top button.

Home Entertainment

Toggle between a streaming box and cable box. Auto-switch detects the active source automatically.

Desktop / Home Office

Switch a monitor between a work laptop and personal PC. USB-powered from the monitor or laptop.

Conference / Huddle Room

Compact toggle between two laptop HDMI feeds on a single display. Fits behind any monitor.

Digital Signage

Primary and backup content player. Auto-switch fails over seamlessly if the active player goes offline.

Broadcast / Streaming

Switch between a camera and a playback source on a confidence monitor at up to 8K for live production.

4 WHO THIS IS FOR

Gamers

Home Theater

Desktop Users

AV Installers

Digital Signage

Broadcast

Ideal User

Gamer or home user adding a second 8K/4K source

Project Types

Consumer, gaming, home office, light commercial

Typical Buyer

End user

5 KANEXPRO PRODUCT COMPARISON

The SW-2X18K is the most basic but highest-bandwidth switcher in the lineup.

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
SW-2X18K	Basic 8K 2×1 switching	48Gbps, HDMI 2.1, auto-switch, USB powered	This product — simplest, smallest, highest bandwidth
SW-2X1A8K	8K 2×1 + audio	40Gbps, EDID DIP, IR, optical+analog	Audio breakout + EDID control; metal; ~\$120
SW-2X28K	8K 2×2 switch/splitter	40Gbps, dual output, EDID DIP	Dual display mirroring; ~\$160
SW-4X18K	8K 4×1 switching	48Gbps, 4 inputs	More inputs; ~\$104

Choose SW-2X18K for simple two-source switching. Upgrade to SW-2X1A8K for audio breakout or SW-4X18K for 4 inputs.

6 FREQUENTLY ASKED QUESTIONS

Q: IR remote?

No. Top button + auto-switch only.

Q: Audio extraction?

No. Use SW-2X1A8K for audio breakout.

Q: Power supply?

USB 5V via included Micro USB cable. No external PSU needed.