

KanexPro 2x1 HDMI 8K@60 Switcher

8K 2 In 1 Out HDMI Switcher

MPN: SW-2X18K



The **KanexPro SW-2X18K** Switcher is a compact and high-performance HDMI switcher that allows you to manage and switch between two HDMI video sources, outputting to a single display. It supports 8K resolution at 60Hz and 4K at 120Hz, making it ideal for handling ultra-high-definition video sources in home theaters, professional AV setups, or gaming systems.

The **KanexPro SW-2X18K** Switcher is an excellent solution for users who need to manage and switch between two HDMI sources while ensuring high-quality video and audio output. Whether for home entertainment, gaming, corporate AV setups, or video production, this switcher offers 8K and 4K resolution support, HDCP 2.3 compliance, and low-latency performance, making it a versatile tool for various applications.

Applications:

- Home Theater Systems
- Gaming Setups
- Corporate Conference Rooms
- Classrooms and Educational Environments
- Live Streaming and Content Creation
- Video Production and Broadcasting
- Healthcare and Medical Presentations
- Corporate Events or Trade Shows
- Retail Environments

Key Benefits of Using an SW-2X18K Switcher

- Supports 8K and 4K Resolutions
- Seamless HDMI Source Switching
- HDCP 2.3 Compliance
- High Bandwidth and Low Latency
- Compact and Easy to Integrate
- Cost-Effective Solution for Multiple Devices
- Ideal for Home Entertainment
- Reliable and Durable Design
- Supports High Dynamic Range (HDR)
- Wide Compatibility

FEATURES

- HDMI 2.1 and HDCP 2.3 compliant
- Support 48Gbps video bandwidth
- 8K@60Hz 4:4:4 8/10/12bit, 8K@60Hz 4:2:0 12-bit, 8K@30Hz 4:4:4 10-bit, 4K@120Hz 4:4:4 10-bit video support
- Support HDR, HDR10, HDR10+, Dolby Vision, HLG pass through
- VRR, FVA, ALLM support
- Support HDMI audio formats: LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- 2x1 switch output, auto switch supported
- Built-in Equalizer and Driver
- Auto EDID management
- Compact design for easy and flexible installation

SPECIFICATIONS

TECHNICAL	
HDMI Compliance	HDMI 2.1
HDCP Compliance	HDCP 2.3
Video Bandwidth	48Gbps
Video Resolution	Up to 8K@60Hz 4:4:4 8/10/12bit, 8K@60Hz 4:2:0 12-bit, 8K@30Hz 4:4:4 10-bit, 4K@120Hz 4:4:4 10-bit
Color Depth	8-bit, 10-bit, 12-bit
Color Space	RGB, YCbCr 4:4:4 / 4:2:2 / 4:2:0
HDMI Audio Formats	LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
ESD Protection	Human body model – ±8kV (Air-gap discharge) &±4kV (Contact discharge)

Video Resolution	8K	4K@60	4K@30	1080P
HDMI Cable Type	Ultra HDMI 2.1	HDMI 2.0	HDMI 1.4	HDMI 1.4
HDMI Cable Length (HDMI IN / OUT)	2m/6.6ft	8m/26ft	12m/39ft	15m/49ft
The use of "Premium High-Speed HDMI" cable is highly recommended.				

Mechanical	
Housing	Plastic Enclosure
Colour	Black
Dimensions	60mm [W] × 60mm [D] × 12mm [H]
Weight	31 g
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Power Supply	Input: AC100-240V 50/60Hz, Output: DC 5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption (Max)	1.25W (Max)
Relative Humidity	20-90% RH (Non-condensing)

Connection	
Input	2 × HDMI IN [Type A, 19-pin female]
Output	1 × HDMI OUT [Type A, 19-pin female]

APPLICATION DIAGRAM

