

KanexPro 4x1 HDMI 8K@60 Switcher

8K 4 In 1 Out HDMI Switcher

MPN: SW-4X18K



The **KanexPro SW-4X18K** Switcher is a video signal switcher designed for use in professional AV setups. It allows you to switch between multiple video input sources and send the selected signal to a single output. Overall, the **KanexPro SW-4X18K** Switcher is designed for high-resolution AV workflows where 8K support is needed, and it provides an easy way to manage multiple HDMI video inputs.

Applications:

The KanexPro SW-4X18K Switcher is designed for a variety of professional and consumer-grade applications where high-resolution video signals (up to 8K) need to be managed and routed. Here are some key applications where this switcher would be useful:

- Home Theater Systems
- Gaming Environments
- Professional AV Systems
- Control Rooms (Video Surveillance or Command Centers)
- Post-Production and Video Editing
- Streaming and Content Creation
- Educational Institutions
- High-End Medical and Simulation Equipment
- Event Venues and Entertainment
- Production Studios
- Virtual Reality (VR) and Augmented Reality (AR) Studios

Key Benefits of Using an SW-4X18K Switcher

- Supports Ultra-High-Resolution Video (Up to 8K)
- Versatile HDMI Inputs (4 Inputs)
- Seamless Switching Between Sources
- HDCP 2.2 Compliance
- Compact, Space-Saving Design
- Future-Proof for High-End AV and Gaming
- High Bandwidth and Low Latency
- Cost-Effective Solution for High-End AV Systems
- Enhanced Control and Flexibility
- Robust Compatibility with Other AV Equipment

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
- 4x1 switch output, auto switch is 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	122mm [W] × 65mm [D] × 19mm [H]
Weight	88 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)	3.4W (Max)
Relative Humidity	20-90% RH (Non-condensing)

Connection	
Input	4 × HDMI IN [Type A, 19-pin female]
Output	1 × HDMI OUT [Type A, 19-pin female]

APPLICATION DIAGRAM

