

KanexPro 4X1 4K HDMI Switcher with Audio Decoder

4K 4 In 1 Out HDMI Switcher

MPN: SW-4X1HDAUD



The KanexPro **SW-4X1HDAUD** is a **4x1 HDMI** audio-video switcher designed to allow you to connect up-to four HDMI sources (such as gaming consoles, Blu-ray players, Laptop, set-top boxes etc.) to a single HDMI display (such as a TV or projector). In addition to video switching, it also features audio support, meaning it can pass both high-definition video and audio signals through a single HDMI cable.

It can extract HDMI stream audio to separate analog audio output. This product supports HDCP repeater/ CE-C/ARC functions. Select any of the inputs by front panel button or IR Remote, the corresponding indicator LED on the front panel will be illuminated.

Applications:

- Home theater systems
- Gaming setups
- Conference rooms and meeting spaces
- Digital signage
- Educational environments
- Professional AV installations
- Entertainment venues
- Live streaming and production

Key Benefits of Using an SW-4X1HDAUD Switcher:

- Multiple HDMI Inputs (4x1 Switching)
- 4K Video Support
- Audio Extraction with Multiple Outputs
- Ease of Use with IR Remote Control
- Compact and Simple Design

FEATURES

- HDMI 2.0a compliant
- HDCP 2.2 & 1.4 compliant
- DVI 1.0 standards
- Video formats up to 4Kx2K@60 and all HDMI 3D video formats
- Support PCM, Dolby TrueHD, DTS-HD Master Audio up to 7.1CH
- Digital and analog audio output
- Support smart EDID management (Auto/2CH/5.1CH/7.1CH selectable)
- Support input port auto switching or manual switching mode
- Audio Return Channel (ARC) supports

SPECIFICATIONS

TECHNICAL	
HDMI Compliance	HDMI 2.0a
HDCP Compliance	HDCP 1.4 & 2.2
Video Bandwidth	18 Gbps
Video Resolution	Up to 8K@60Hz 4:2:0 10bit, 8K@30Hz 4:4:4 10bit, 4K@120Hz 4:4:4 10bit
HDMI Audio Formats	PCM2.1/5.1/7.1CH, Dolby5.1, DTS5.1, Dolby-TrueHD, DTS-HD
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)	3m/10ft	8m/26ft	12m/39ft	15m/49ft
The use of "Premium High-Speed HDMI" cable is highly recommended.				

Mechanical	
Housing	Metal Enclosure
Colour	Black
Dimensions	180mm (W) × 85mm (D) × 11.6mm (H)
Weight	300 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/2A (US/EU standards, CE/FCC/UL certified)
Power Consumption (Max)	2.5W (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] 1 × L/R [3.5mm Stereo Mini-jack]
Control ports	1 x IR Receive port 1 x RS232 port

APPLICATION DIAGRAM

