

KanexPro 4x1 HDMI 8K@60 Switcher with USB C Input

8K 4 In 1 Out HDMI Switcher

MPN: SW-4X1HDUSBC



The KanexPro **SW-4X1HDUSBC** Switcher lets you switch between 4 media sources for output on a single display. The device includes 3 HDMI inputs and 1 USB C input to connect your media devices.

This **48Gbps 4×1 Switcher** is an ultrathin auto switcher, with three HDMI video inputs, one USB-C input and one HDMI output. The video resolutions is up to 8K@60Hz 4:2:0 12-bit (HDMI) and 8K@30Hz 4:2:2 10-bit (USB-C). It supports HDR10, HDR10+, Dolby Vision and multichannel audio format. Built-in EDID can be set via 3-pin DIP switch on the front panel, and EDID info is shown on the displayer. Furthermore, the firmware update at service port is supported.

Applications:

- Multi-Source Presentation Systems
- Home Entertainment Systems
- Live Event Broadcasting
- Gaming
- Mobile Device Display
- Remote Work / Hybrid Work Setup

Key Benefits of Using an SW-4X1HDUSBC Switcher:

- Support for Multiple Inputs (3 HDMI + 1 USB-C)
- High-Resolution Support (Up to 8K)
- Support for USB-C Devices
- IR Remote Control and Manual Switching
- Audio Support
- Ease of Use (Plug-and-Play)
- Compact Design

FEATURES

- DP 1.4 and HDCP 2.3 compliant
- Support HDMI video bandwidth up to 48Gbps FRL and 18Gbps TMDS
- Support HDMI video resolution up to 8K@60Hz 4:2:0 12-bit, 8K@30 4:4:4 12-bit, 4K@120Hz 4:4:4 12-bit, as specified in HDMI 2.1
- Support USB-C video bandwidth up to 32Gbps
- Support USB-C video resolution up to 8K@30Hz 4:2:2 10-bit, 4K@120Hz 4:2:2 10-bit
- Support HDR, HDR10, HDR10+, Dolby Vision, HLG pass-through
- HDMI 2.1 protocols: VRR, ALLM, QMS, QFT, SBTM are supported
- LPCM 7.1CH, Dolby TrueHD, Atmos and DTS-HD Master, DTS:X Audio pass-through
- 3× HDMI and 1× USB-C inputs routed to 1× HDMI output
- Control via front panel button and IR remote
- Support auto input switching and manual input switching
- CEC control from TV at output to source at input
- Advanced EDID management

SPECIFICATIONS

TECHNICAL				
HDMI Compliance	HDMI 2.1			
HDCP Compliance	HDCP 2.3			
DP Compliance	DP 1.4			
Video Bandwidth	Video Bandwidth HDMI: Up to 48Gbps FRL and 18Gbps TMDS USB-C: Up to 32Gbps			
Video Resolution	HDMI: Up to 8K@60Hz 4:2:0 12-bit, 4K@120Hz 4:4:4 12-bit USB-C: Up to 8K@30Hz 4:2:2 10-bit, 4K@120Hz 4:2:2 10-bit			
Color Depth	8-bit,10-bit,12-bit			
Color Space	RGB_4:4:4, YCbCr_4:4:4, YCbCr_4:2:2, YCbCr_4:2:0			
HDMI Audio Formats	LPCM, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD			
ESD Protection	IEC 61000-4-2: ±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	Metal Enclosure
Colour	Black
Dimensions	145mm [W] × 68mm [D] × 18mm [H]
Weight	258 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)	2.25W (Max)
Relative Humidity	20-90% RH (Non-condensing)

Connection	
Input	Input 3 × HDMI IN [Type A, 19-pin female] 1 × USB IN [Type C, 24-pin female]
Output	1 × HDMI OUT [Type A, 19-pin female]
Control ports	1 × IR Receive port 1 × SERVICE [USB Type C, Update Port]