

HDMI v2.0 Ultra-HD/4K Switch 3x1 (3 inputs, 1 output) with Audio Out (Analogue and Digital)

With this product you can connect 3 UltraHD/4K source devices (i.e., notebook, PlayStation, BluRay player) to 1 UHD/4K display (i.e., TV or projector). This switch also extracts an analogue (stereo, AUX) and/or a digital (SPDIF/Toslink) audio signal to connect to your amplifier or to speakers with a build-in amplifier. It is fully compatible with HDMI 2.0 devices and supports ARC (Audio Return Channel), 3D and HDR.

Installing this product

- Connect at least one source (i.e., notebook, Blu-Ray player) with HDMI IN1, HDMI IN2 or HDMI IN3 with a high quality HDMI cable.
- Connect the display (i.e., TV or projector) to OUTPUT with a high quality HDMI cable.
- If you want to connect external audio (i.e., amplifier or active speakers), connect a 3.5mm jack cable to the 3.5mm Jack Audio OUT (for analogue 2.0 sound) or connect a SPDIF/Toslink cable to the Toslink optical Audio OUT (for digital audio up to 7.1 sound).
- Connect the device to a power source with the adapter
- Select the source you want to display with the SWITCH button. You can also use the remote control.

Notes

- Press the Auto Detect button (AUTO) to search, detect and automatically select an active source
- If you use a HDMI v1.3 or v1.4 source with a HDMI v2.0 display, it may cause a connection problem. Press the AUTO button to solve this. To solve further compliance issues, keep the same button pressed for 3 seconds (U/D function - the 1,2 and 3 LED lights will flash).
- Press "ARC" to turn the ARC function ON or OFF. Press the SPDIF button to turn the audio out ON or OFF. For the AUDIO button, see below.
- For 4K/30Hz using HDMI cables longer then 7.5m may cause display problems. If you need a longer cable, use an iVisions GFC-4K Fiber Optic cable.
- For 4K/60Hz using HDMI cables longer then 3.0m may cause display problems. If you need a longer cable, use an iVisions GFC-4K Fiber Optic cable.
- The L1-L5 LED lights show which source is selected

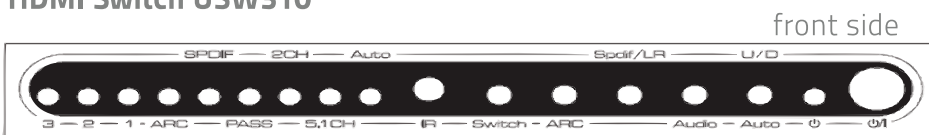
Explanation of AUDIO button settings (Audio Output mode)

Setting	Supported outputs	Explanation
PASS	<ul style="list-style-type: none"> • RCA (R/L) • SPDIF/TOSLINK 	Passes through any incoming audio signal. No forced output.
2CH	<ul style="list-style-type: none"> • RCA (R/L) • SPDIF/TOSLINK 	Forces incoming audio signal to stereo (2.0) output.
5.1CH	<ul style="list-style-type: none"> • SPDIF/TOSLINK 	Forces incoming audio signal to 5.1 output. Possible distortion if input is mono or stereo. RCA (R/L) is not supported with this setting.

Specifications

HDMI version	HDMI 2.0a	Max input cable length	3.0m (4K/60Hz) / 7.5m AWG24 HDMI cable
HDMI resolution	up to 4K / 60Hz	Max Output cable length	3.0m (4K/60Hz) / 7.5m AWG24 HDMI cable
Max bandwidth	600MHz	Max working current	900mA
Max band rate	18.0Gbps	Power adapter input	AC(50/60Hz) 100V-240V
Video color format	24/30/36 bit deep color	Power adapter output	DC 5V/2A
Input/Output TMDs signal	0.5~1.5Volts p-p(TTL)	Input/Output DDC signal	5Volts p-p (TTL)
Audio output	L/R (analogue) + SPDIF (digital)	Operating Temperature	-15C to +55C
HDMI v2.0 inputs	3	Dimensions	160mm x 64.5mm x 22.5mm
HDMI v2.0 outputs	1	Weight	252g
Supported audio formats	DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD		

HDMI Switch USW310



front side



back side

Included

- 1x HDMI Switch USW310
- 1x Remote Control
- 1x Adapter R/L audio to jack 3.5mm
- 1x Power adapter



PRODUCT CODE
IV-HDMI_USW310

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