



KA164 2 PORT HDMI SPLITTER V2.0 WITH SCALER - KAMEHA



The 18Gbps HDMI 1x2 Splitter can distribute 1 HDMI source signal to 2 HDMI display devices. It supports resolution up to 4K2K@50/60Hz (4:4:4). This product supports audio extract from HDMI source to optical and analog output. Two EDID modes (COPY/AUTO) can be selected. All output ports support signal bypass and video downscale (4K->1080P) function.

Features

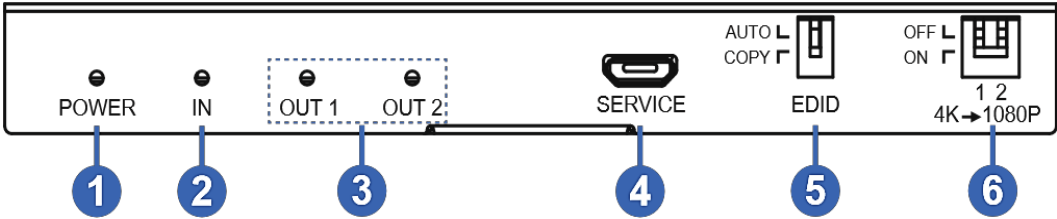
- HDMI 2.0b, HDCP2.2/HDCP1.4 compliant
- Support 18Gbps video bandwidth
- Support video resolution up to 4K2K@50/60Hz (4:4:4)
- Support digital and analog audio extract output from HDMI source ☆ Output ports support signal bypass and 4K->1080P downscale function via the dial switch on panel
- EDID can be selected COPY and AUTO modes via the dial switch on panel
- Support HDMI audio format: LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD .

Specifications

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 and HDCP 1.4
Video Bandwidth	18Gbps
Video Resolution	720P50/60Hz, 1080P50/60Hz, 4K2K24Hz, 4K2K30Hz, 4K2K@50/60Hz (4:4:4)
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	8-bit (4K60Hz), 12-bit (1080P)
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
L/R Audio Formats	PCM 2.0
Optical Audio Formats	LPCM [2.0/2.1]CH, Dolby 5.1, Dolby True HD, Dolby DD+, DTS 5.1, DTS-ES 6, DTS-HDMA 5.1, DTS HD-HRA 5.1
ESD Protection	Human-body Model: ±8kV (Air-gap discharge) , ±4kV (Contact discharge)
Connection	
Input ports	1×HDMI Type A [19-pin female]
Output ports	2×HDMI Type A [19-pin female] 1×L/R Audio out [3.5mm Stereo Mini-jack] 1×Optical out [S/PDIF]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	120mm(W)×62.5mm(D)×14mm(H)
Weight	166g
Power Supply	Input: AC100~240V 50/60Hz Output: DC5V/1A (US/EU standards , CE/FCC/UL certified)
Power Consumption	2.8W
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20~90% RH (non-condensing)

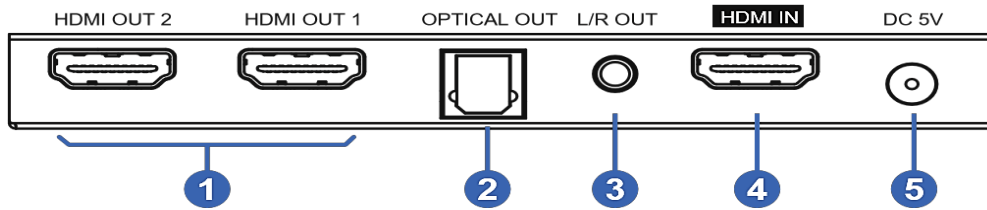
Operation Controls and Functions

Front panel



Number	Name	Function Description
1	POWER LED	The blue LED will be on when the device is powered on.
2	HDMI INPUT LED	The blue LED will be on when the HDMI IN port has connected an active HDMI source device with a HDMI cable.
3	HDMI OUTPUT LED	When the HDMI OUT 1/2 port has connected an avtice display device with a HDMI cable, the corresponding LED will be on.
4	SERVICE port	Used for firmware update. (Only for Manufacture use)
5	EDID (AUTO, COPY) Dial switch	Dial the switch to select EDID modes. AUTO: Compare OUT 1 and OUT 2 displays EDID setting, then output the best resolution to source device, then the source will transmit the signal to all outputs. COPY: Copy the HDMI OUT 1 port EDID setting to source device, then the source device will transmit the signal to all outputs.
6	4K to 1080P Dial switch	OFF: When the switch is dialed to "OFF", signal input and output is in bypass status. ON: When the switch is dialed to "ON", the input signal will be downscaled (4k->1080P) before output.

Rear panel



Number	Name	Function Description
1	HDMI OUTPUT	HDMI output port. Connect to HDMI display device such as TV or monitor.
2	OPTICAL OUT	Optical audio output port. Connect the amplifier to output audio from HDMI IN port.
3	L/R OUT	Analog audio output port. Connect the speaker to output audio from HDMI IN port.
4	HDMI IN	HDMI input port. Connect to HDMI source device such as DVD player or PS4.
5	DC 5V	Plug the 5V/1A DC power cord into the unit and connect the adapter to an AC outlet.

Application Example

