



## 4K HDMI 2.0 Matrix 4x2

Item ref: 128.849UK

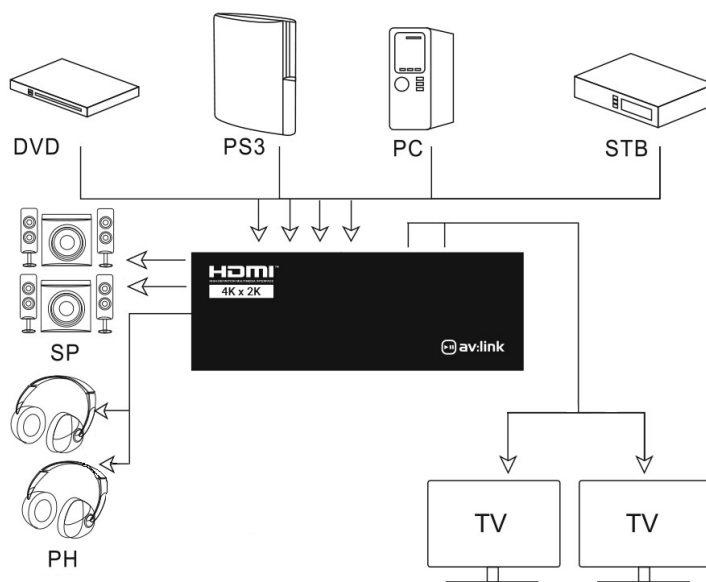
User Manual

A 4K HDMI matrix to switch between 4 source devices and 2 display outputs. Use with HDMI cables of a combined 30m per input/output for 4K@30Hz and FHD resolutions, or a combined 10m per input/output for 4K@ 60Hz. SPDIF and 3.5mm stereo outputs allow the audio signal for each source device to be simultaneously channeled through a separate sound system and/or headphones. Compatible with the latest 4K digital TV boxes making it ideal for hospitality and entertainment venues. Supplied with IR remote to switch between sources for both outputs.

### Technical specifications:

<b>HDMI version</b>	2.0b
<b>Video resolution</b>	Up to 3840 x 2160 @ 60Hz
<b>Display colours</b>	8/10/12bit deep colour
<b>Audio format</b>	DTS-HD, Dolby True, DTS, Dolby-AC3 and DSD
<b>Input connections</b>	4x HDMI
<b>Output connections</b>	2x HDMI, 2x Optical (Toslink), 2x 3.5mm Stereo
<b>Max. bandwidth</b>	600 MHz
<b>Max. baud rate</b>	3x 6Gbps
<b>Transmission distance</b>	30m max HD or 10m max 4K (20m input/output @ 1080p and 10m input/output @ 4K)
<b>Max. working current</b>	600mA
<b>Power adaptor</b>	Input: AC (50Hz, 60Hz) 100-240V, Output: DC5V/1A
<b>Dimensions</b>	99 x 70 x 27mm
<b>Weight</b>	300g

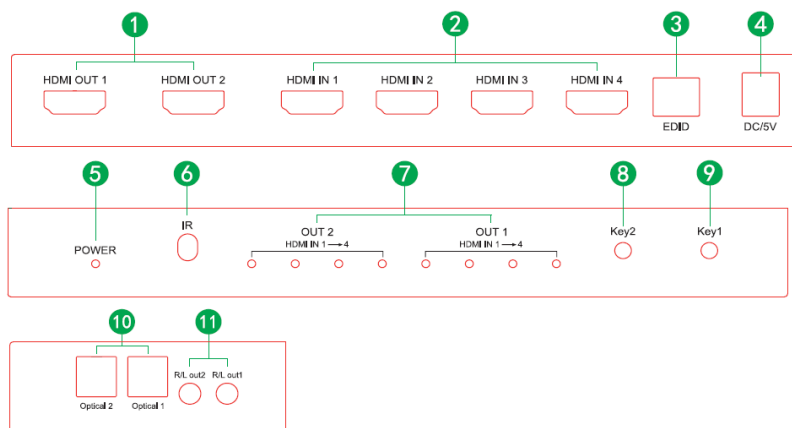
### Application diagram:



### Connection instructions:

- Connect the outputs of up to 4 source devices to the inputs of the matrix **(2)**. Use HDMI cables of up to 15m per device for 4K@30Hz or FHD signals or 5m per device for 4K@60Hz signals (**NOTE:** to maintain 4K resolution, always use 4K certified cables).
- Connect the outputs of the matrix **(1)** to the inputs of up to 2 display devices. Use HDMI cables of up to 15m per output for 4K@30Hz or FHD signals or 5m per output for 4K@60Hz signals.

- Connect the 5V power adaptor (supplied) to the matrix (**4**); plug into a mains outlet and power on.
- Use Key1 and Key2 buttons (**8,9**) on the front of the unit or the IR remote control (supplied) to switch between source devices for both output displays.
- To channel audio from the source devices to 2 separate sound systems, amplifiers or headphones use the digital SPDIF (**10**) or analogue 3.5mm jacks (**11**) on the side of the unit (additional cables required, not supplied).



1. HDMI output 1-2
2. HDMI input 1-4
3. EDID management switches
4. DC/5V power in
5. Power LED
6. IR remote sensor
7. HDMI input LED's
8. Key2 switching button
9. Key1 switching button
10. Optical outputs 1-2
11. 3.5mm stereo outputs 1-2

### EDID management settings (3):

Position 1	Position 2	Position 3	Position 4	Function
0	0	0	0	Copy the EDID of HDMI OUT 1
0	0	0	1	Copy the EDID of HDMI OUT 2
0	0	1	0	3D 1080P 2 CH LPCM
0	0	1	1	3D 1080P 5.1 CH (LPCM/Dolby/DTS)
0	1	0	0	2D 1080P 2 CH (LPCM)
0	1	0	1	2D 1080P 5.1 CH (LPCM/Dolby/DTS)
0	1	1	0	3D 4k 2 CH (LPCM)
0	1	1	1	3D 4k 5.1 CH (LPCM/Dolby/DTS)

**NOTE:** EDID switch upward = 0,  
EDID switch downwards = 1

### In the box:

1. HDMI Matrix 4x2
2. IR Remote Control
3. 5V DC Power Adaptor
4. User Manual

### Warning:

- For reasons of electrical safety, this device must never be immersed in water, exposed to damp conditions or excessive force.
- Do not use this device if you find that it is damaged in any way.
- Only use the power supply provided by the manufacturer.
- When not in use for long periods, disconnect the power supply from the mains.
- Do not attempt to repair this device or take apart under any circumstances, as this will invalidate your warranty.



This product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

### Errors and omissions excepted.

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