



USER MANUAL

HDMI Matrix 4x2
(4K@60Hz)

Enjoy the vivid world

Introduction :

The HDMI matrix 4x2 can connect 4 HD signal sources to 2 HD display terminals with optical fiber and stereo headphone output at the same time via HDMI out 1 port . The matrix allows four HDMI devices to be switched or split easily to two HDMI compatible monitors or projectors.

Our devices offer solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.



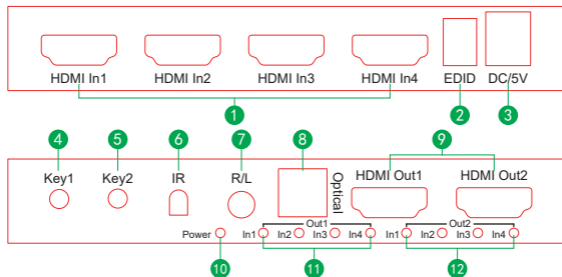
Features :

- * Support 3D video format;
- * Via HDMI out1, support 3.5mm earphone jack and optical output at same time;
- * 4 HDMI inputs switch and split to 2 HDMI displays;
- * Support LPCM/Dolby/DTS 5.1 channel;

SPECIFICATIONS :

HDMI resolution	up to 3840*2160/60Hz
Support video format	8/10/12 bit deep color
Support audio format	LPCM/DTS/Dolby-AC3
Max bandwidth	600MHz
Max baud rate	3x6Gbps
Input cable distance	4K/30Hz ≤15M AWG26 HDMI standard cable 4K/60Hz ≤5M HDMI 2.0 standard cable
Output cable distance	4K/30Hz ≤15M AWG26 HDMI standard cable 4K/60Hz ≤5M HDMI 2.0 standard cable
Max working current	900mA
Power adapter format	Input: AC (50HZ, 60HZ) 100V-240V; Output: DC5V/1.5A
Operating Temperature range	(-15 to +45 °C)
Operating Humidity range	5 to 90%RH (No Condensation)
Dimension (L x W x H)	122x80x19 (mm)
Weight	180g

SPECIFICATIONS :



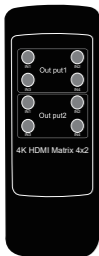
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|---|--|
| 1: HDMI IN1-4 --- HDMI Input; | 7: R/L --- Stereo output ; |
| 2: EDID --- EDID management ; | 8: Optical --- Optical output ; |
| 3: DC/5V --- 5V power supply ; | 9: HDMI OUT1-2 --- HDMI output ; |
| 4: Key1 --- HDMI Video output switching button; | 10: Power --- Power indicator ; |
| 5: Key2 --- HDMI Video output switching button; | 11: Out1/In1-4 --- HDMI Out1 signal input indicator light; |
| 6: IR ---IR receive ; | 12: Out2/In1-4 --- HDMI Out2 signal input indicator light; |

EDID setting

Position 1	Position 2	Function
0	0	Copy EDID from Output1
0	1	3D 4K 60Hz HDR 5.1 CH
1	0	3D 4K 30Hz 2 CH LPCM
1	1	1080P 2 CH LPCM

Noted: the dial switch to dial downward is 1, dial upward is 0.

The Remote Control instruction :



- 1) The four buttons on Output 1 is the corresponding input source IN1-IN4 which out from Output 1, IN1-IN4 can be switched freely.
- 2) The four buttons on Output 2 is the corresponding input source IN1-IN4 which out from Output 2, IN1-IN4 can be switched freely.

Instruction of Buttons and LED:

1. Instruction of LED: IN1-IN4 indicator is the corresponding input sources out from Output 1 or Output 2.
2. Operation of Buttons: Key1 or Key2 is used to switched the corresponding input source out from Output 1 or Output 2.

Connection Diagram :

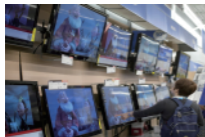


Operating and Connecting :

1. Connect each HDMI source devices and input of HDMI Matrix with HDMI cable.
2. Connect display devices and output of HDMI Matrix with HDMI cable.
3. Connect audio output and stereo amplifier with stereo headphone or fiber.
4. Connect 5V power supply to the HDMI 4x2 Matrix.
5. Use the IR remote or button control to switch the signal source freely.

NOTE: HDMI port and audio ports are connected according to user needs, not every be connected; but not reversed.

Application scenario :



TV Store



Teaching room



Video Conference

Notes :

Pls use the machine as the instruction listed to keep the long use lifetime of the machine.

1. The machine should be placed at the spot far from the Damp, High-Temperature, Dusty, Erosive, and oxidative environment.
2. All parts will be free from the strong shake, hit, fall.
3. Touching the power adaptor with the wet hands is prohibited.
4. Pls hold the power adaptor head and do not pull the power cord when cut off from the socket.
5. Pls turn the power off when the machine is not used for long time.
6. Pls do not open the cover and do not touch the inside parts.
7. Pls use the original factory power adapter.

Accessories :

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|----------------------|-----|---------------------|-----|
| 1. HDMI Matrix 4x2 | 1PC | 3. 5V power adapter | 1PC |
| 2. IR Remote Control | 1PC | 4. User Manual | 1PC |