HDMI MATRIX

4K 60Hz HDMI Matrix 2x2
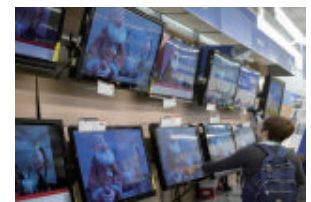
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OVERVIEW

The HDMI matrix 2x2 can connect 2 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 two HDMI devices to be switched or split easily to two HDMI compatible monitors or projectors. This HDMI matrix support lossless transmitting and are widely used in space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

FEATURE

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

APPLICATIONS

TV Store

Teaching room

Video Conference

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ISO 9001   RoHS Compliant   CE   FC

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 s5M HDMI 2.0 standard cable
Output cable distance	4K/30Hz S15M AWG26 HDMI standard cable
	4K/60Hz S5M HDMI 2.0 standard cable
Max working current	700mA
Power adapter format	Input: AC (50HZ, 60HZ) 100V-240V; Output: DC5V/1A
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	174g

CONNECTING AND OPERATING

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 2x2 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.

CONNECTING AND OPERATING

1) The four buttons on Output 1 is the corresponding input source In1/In2 which out from Output 1,In1/In2 can be switched freely.

2) The four buttons on Output 2 is the corresponding input source In1/In2 which out from Output 2, In1/In2 can be switched freely.

Instruction of Buttons and LED:

1. Instruction of LED: In1-In2 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.

ORDER INFOMATION

PRODUCT	PART NUMBER
4K 60Hz HDMI Matrix 2x2	MD-4KHDM-0202