




# FERRISA B07MYRX22F 4K HDMI Matrix 4×2 Switch User Manual

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## FERRISA B07MYRX22F 4K HDMI Matrix 4×2 Switch



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## INTRODUCTION

The HDMI matrix 4x2 can connect 4 HD signal sources to 2 HD display terminals with optical fiber or stereo headphone output. The matrix allows four HDMI devices to be switched or split easily to two HDMI compatible monitors or projectors. And any output port can realize independent audio output by optical fiber or stereo headphone. Our devices offers solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.



## Features:

- Support HDMI 1.4b/HDCP1 .4
- Support 3D video format
- Support highest resolution up to 3840\*2160/30Hz
- Support 3.4Gbps x 3 data rate and trnds clock up to 340Mhz
- Support deep color 8/10/12 bit
- Support 2 HDMI audio outputs, 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:

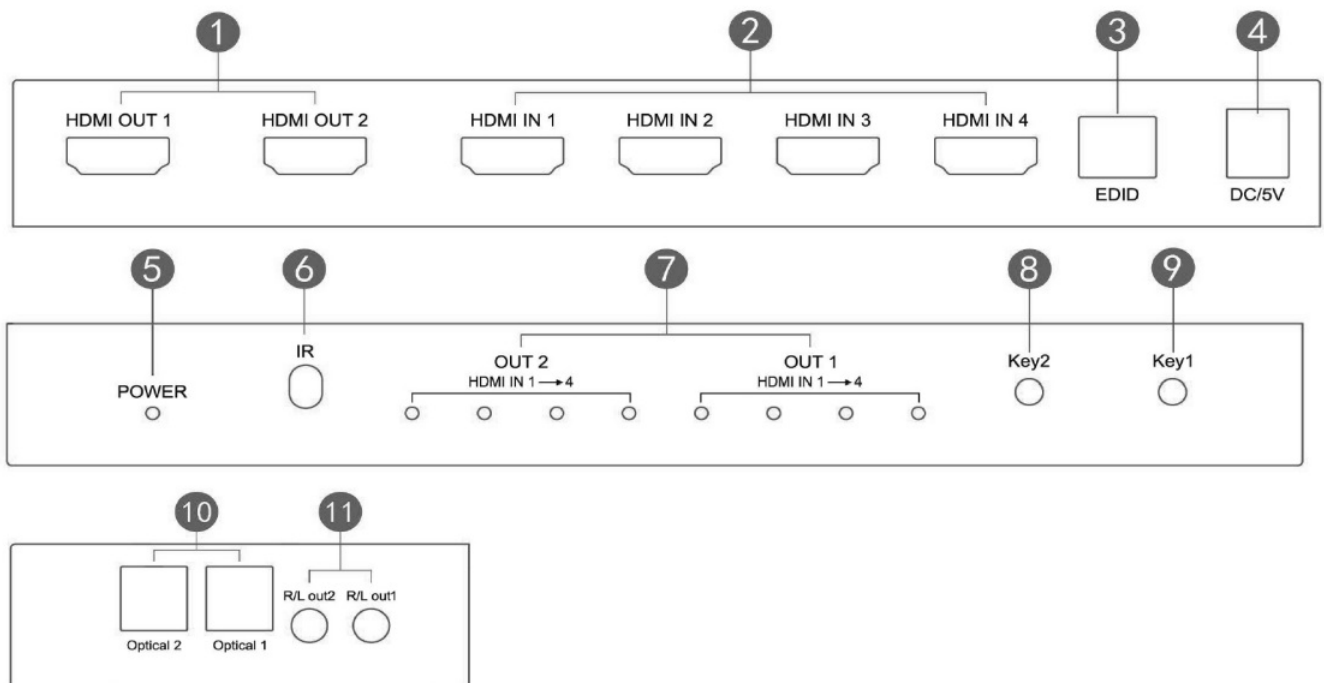
HDMI version .....	HDMI 1.4b
HDMI resolution .....	up to 3840*2160/30Hz
Support video format .....	8/10/12 bit deep color
Support audio format .....	LPCM/DTS/Dolby-AC3
Max bandwidth .....	340MHz
Max baud rate .....	3.4Gbps x 3
Input cable distance .....	:510m AWG26 HDMI 1.4 standard cable
Output cable distance .....	:515m AWG26 HDMI 1.4 standard cable
HDMI Input. ....	4
HDMI Output .....	2
Max working current .....	600mA
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) .....	199x70x27 (mm)
Weight .....	300g

### Product picture





## Physical Connection Showing Picture

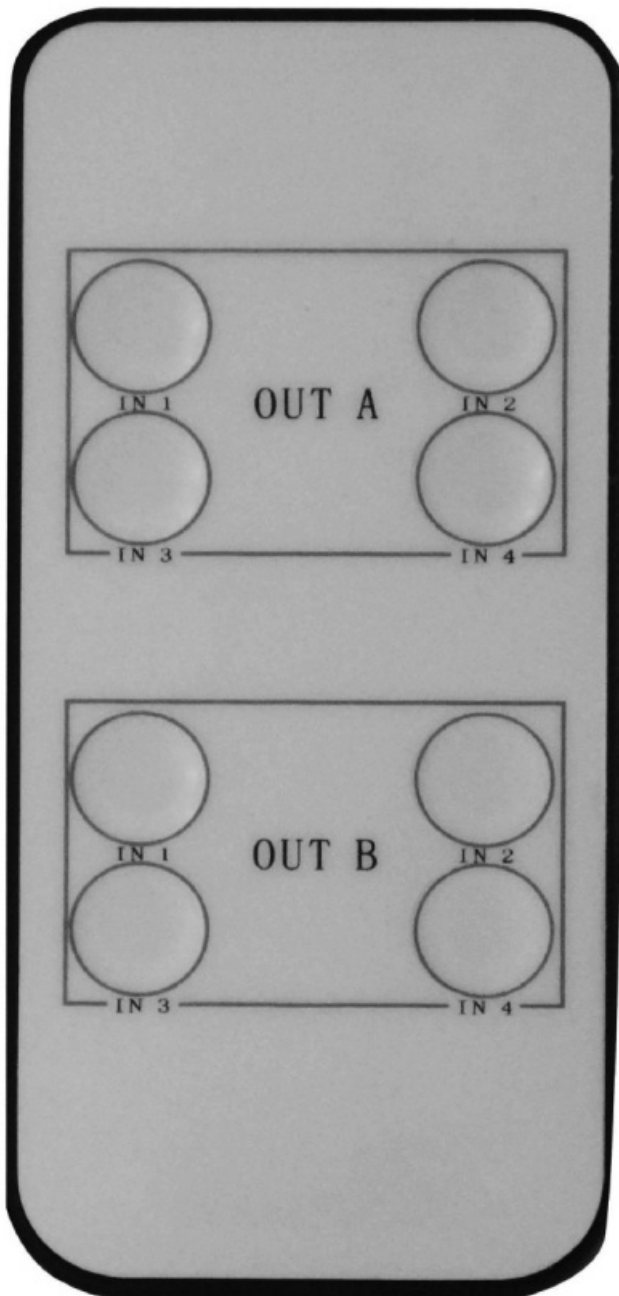


1. HDMI OUT1-2 — HDMI output 1-2;
2. HDMI IN1-4 — HDMI input 1-4;
3. EDID — EDID management
4. DC/5V — 5V power supply;
5. POWER —Power Indicator
6. IR — IR Receive;
7. HDMI IN1 -4 — HDMI input indicator
8. Key2 — Video output2 switching button
9. Key1 — Video output1 switching button
10. Optical 1-2 — Optical output
11. R/L OUT1-2 — Stereo output

## EDID setting

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 OUT2
0	0	1	0	3D 1080P 2 CH LPCM
0	0	1	1	3D 1080P 5.1 C (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)

### The Remote Control instruction

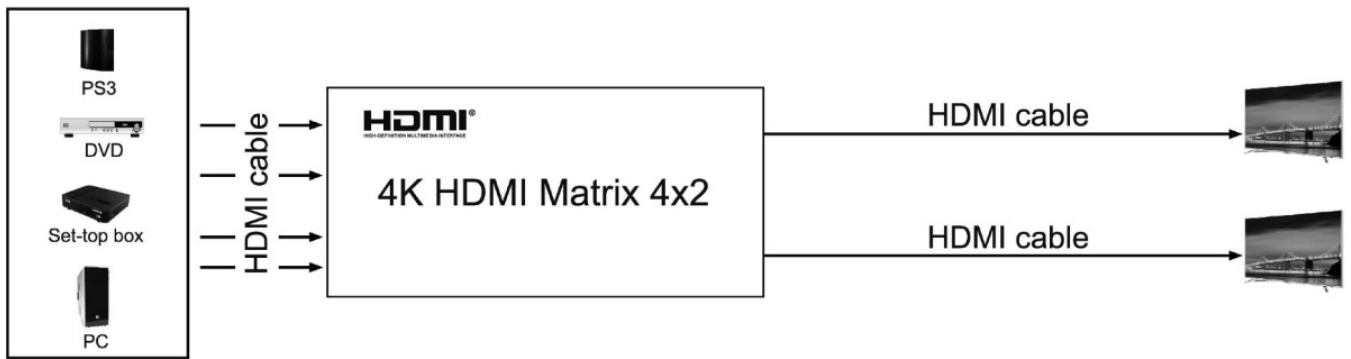


1. The four buttons on OUT A is the corresponding input source IN1-IN4 which out from OUT A, IN1-IN4 can be switched freely.
2. The four buttons on OUT B is the corresponding input source IN1-IN4 which out from OUT B, IN1-IN4 can be switched freely.

### **Instruction of Buttons and LED**

1. Instruction of LED: IN1-IN4 indicator is the corresponding input sources out from OUT A or OUT B .
2. Operation of Buttons: SWITCH A or SWITCH B is used to switched the corresponding input source out from OUT A or OUT B.
3. Press the "SWITCH A" button of 4×2

### **Application diagrams**



4 HDMI signal source input, connect to HDMI Matrix 4x2 via HDMI cable, and then connect the HDMI Matrix to 2 TVs by HDMI cable

### 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. Use the IR remote control to switch the signal source freely.
5. Connect 5V power supply to the HDMI 4x2 Matrix.

### Accessories :

1. 4K HDMI Matrix 4X2
2. IR Remote Control
3. 5V power adapter
4. User Manual

### 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 adaptor.

Before power on, pls check the connection line carefully. And make sure that all interfaces are normally connected. The common trouble shooting way shows below:

Serial NO	Trouble Description	Cause and Ways to deal with
1	Non-Power Connected	<ol style="list-style-type: none"> <li>1. Check if the power adaptor head is truly and correctly inserted the power socket.</li> <li>2. Check the power switch if it is in on status.</li> </ol>
2	No Picture	<ol style="list-style-type: none"> <li>1. Please make sure that the TV is on and has been connected with the machine</li> <li>2. Check if the signal source is on and well connected</li> <li>3. Check the system connection quality.</li> <li>4. Check if the line is all good quality.</li> <li>5. Check the cable quality</li> </ol>
3	Obscure Picture	<ol style="list-style-type: none"> <li>1. To try again to connect the cable to be free from the unsuccessful connection.</li> <li>2. HDMI Cable Quality</li> </ol>
4	Remote	<ol style="list-style-type: none"> <li>1. Please check if the film that stops the current has been taken out.</li> <li>2. Check if the remote battery is working full.</li> </ol>

## Documents / Resources

<p>USER MANUAL</p> <hr/> <p>4K HDMI Matrix 4x2</p> <p>Enjoy the vivid world !</p>	<p><a href="#">FERRISA B07MYRX22F 4K HDMI Matrix 4x2 Switch</a> [pdf] User Manual  B07MYRX22F, 4K HDMI Matrix 4x2 Switch, B07MYRX22F 4K HDMI Matrix 4x2 Switch</p>
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