

Thank you for purchasing our product. To ensure safety and many years' trouble-free operation of the product, please read the manual carefully before using this product.

1.0 INTRODUCTION

HDMI Matrix is a perfect matrix product with detached external audio output ports, which can connect 4 different HDMI signal sources and 2 displays. It can easily switch any 1 or 2 of 4 input signals to 2 displays by using remote control or pushing button. The output signals can be same or different. By using this product can avoid the need to disconnect and reconnect signal sources to displays frequently. It can smartly select input signal sources with priority order and jump over those input signal sources which are not in work. It can optimize your home theatre system to the best effect.

2.0 FEATURES

Smart switch

- 1.1 When its 4 input ports are separately connected to 4 signal sources with HDMI cables, the HDMI Matrix automatically recognizes the last connected port and switches its input signal to 2 displays.
2. The needed input signal sources must be selected by using remote control or pushing button in order to make 2 displays showing 2 different signals.
3. Work with all HDCP-enabled sources devices and display devices with HDMI Port.
4. Support high resolutions up to 1920*1200, including 480i/p, 576i/p, 720i/p, 1080i and 1080p,3840x2160@25/30Hz.

5. Switch easily between any 4 HDMI sources.
6. The 2 displays can get the same or different signals without mutual interaction.
7. Connected easily to dual-channel audio receiver device.
8. Support HDMI 1.4.
9. HDCP Compliant.
10. Support DVI device with DVI to HDMI adapter.
11. Plug-and-play and no need of setting.
12. Metal casing design and overall shielding without signal interference.
13. Use remote control or push button to freely select input source.
14. LED indicates signal /power mode.

3.0 PACKAGE CONTENTS

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

- 1.HDMI 4X2 Matrix -----1PCS
- 2.DC 5V Power adapter-----1PCS
- 3.Remote control-----1PCS

4.User Manual-----1PCS

4.0 TECHNICAL PARAMETERS

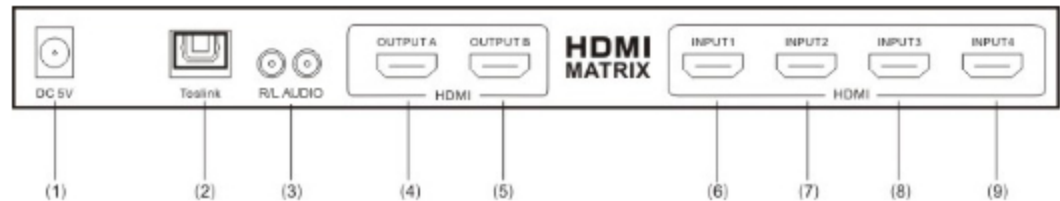
HDMI Source Input Port	4
Display Device Output Port	2
Source Port Connector	HDMI 19PIN
Display Device Port Connector	HDMI 19PIN
HDCP Compliant	YES
Single Link Range	3840x2160
Input Video Signal	0.5-1.0 Volts P-P
Input DDC Signal	5 Volts P-P(TTL)
Deep Color	36bit
HDMI Version	HDMI1.4
Bandwidth	Up to 340Mhz
Signal Speed	Up to 10.2Gbps
The length of input cable	PS3≤15M; BLUE DVD≤15M
The length of output cable	≤25M
The cable standard	26AWG HDMI1.4
Vertical Frequency Range	30Hz
Power Consumption(max.)	6.5Watts
Operation Temperature	0°C-70°C
Working Voltage	DC 5V
Power Adaptor	5V 2A
Net Weight	1.08kg

Dimension: L*W*H(mm)	270*130*20
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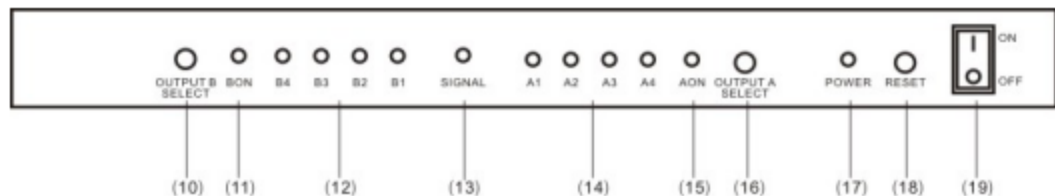
Explanation: With different brands of the input or output device, the length of the connecting cables will differ too.

5.0 PANEL DESCRIPTIONS

Please study the panel drawings below and become familiar with the signal input(s), output(s) and power requirements.

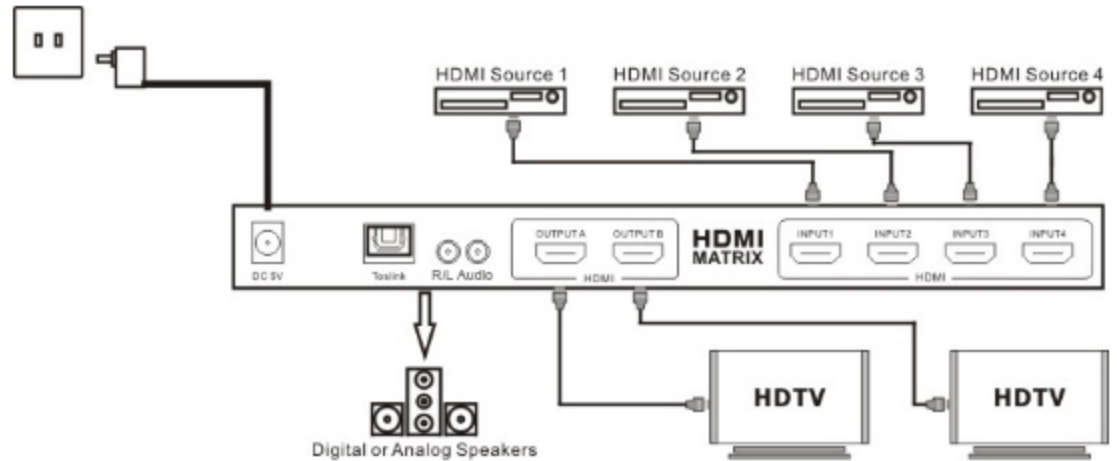


- 1.DC POWER INPUT PORT
- 2.TOSLINK DIGITAL AUDIO OUTPUT
- 3.ANALOG AUDIO OUTPUT
- 4.HDMI OUTPUT A
- 5.HDMI OUTPUT B
- 6.HDMI INPUT SIGNAL 1
- 7.HDMI INPUT SIGNAL 2
- 8.HDMI INPUT SIGNAL 3
- 9.HDMI INPUT SIGNAL 4



- 10.OUTPUT B SELECT
- 11.OUTPUT B STATE
- 12.OUTPUT B PORT STATE
- 13.REMOTE CONTROL RECEIVER
- 14.OUTPUT A PORT STATE
- 15.OUTPUT A STATE
- 16.OUTPUT A SELECT
- 17.POWER INSTRUCTIONS
- 18.RESET BUTTON
- 19.POWER SWITCH

6.0 CONNECTION DIAGRAM



The pictures and technical parameter involved are only for your reference, As for specific circumstances, please be subject to the actual product.

7.0 INSTALLATION AND PRECAUTIONS

To avoid electric shock , product damage and to protect your safety , please notice the following:

1. Please slowly plug or unplug signal cables and do not often plug , unplug , or shake them.
2. The equipment should not be placed under the sun , rain and damp or unventilated environment.
3. Liquid items should not be placed on the equipment.
4. Do not install the equipment near heat sources such as fire , power , or other amplifiers that produce heat.