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## User Manual

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Premium Quality 3D 1080P HDMI Switch 3X1

**HDMI**®  
HIGH-DEFINITION MULTIMEDIA INTERFACE



JTD-ID: 138

# INTRODUCTION

## Dear customer:

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Our series of HDMI converters, switchers, extenders, matrixes and splitters are designed to make your A/V device use more convenient, more comfortable, more productive and more cost-efficient.

This is a high performance 3X1 HDMI switcher that allows for various HDMI sources to share one HDTV display. Simply press one button select your desired HDMI source to display on the HDTV or use remote control to control your sources from a distance. Switching from one HDMI input source to another will no longer be an inconvenience

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

## Packaging content:

- |                        |     |
|------------------------|-----|
| 1. Main unit           | x 1 |
| 2. DC 5V Power Adapter | x 1 |
| 3. Remote controller   | x 1 |
| 4. User Manual         | x 1 |

## Features:

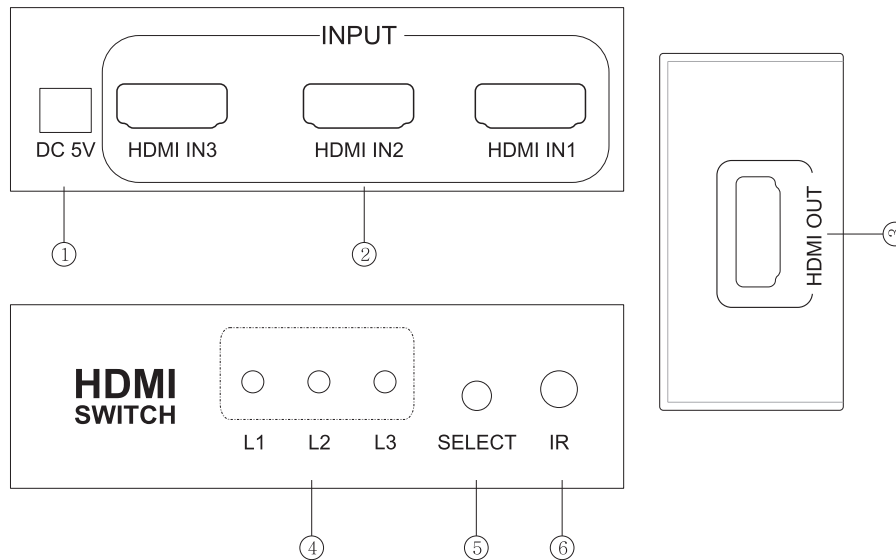
1. Supports 3 HDMI input ports.
2. Supports 1 HDMI output port.
3. Compliant with HDMI 1.4b specification.
4. Support deep color 30bit, 36bit.
5. Support Blue-Ray 24/50/60fps/HD-DVD/xvYCC.
6. Digital audio format, as DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3-DSD.
7. Support signal retiming.
8. Supports Equalizer TMDS Output: 25MHz – 225MHz TMDS clock.
9. Supports up to 225 MHz TMDS clock rate (1080P@60Hz) for HDMI input.
10. Supports EDID RAM.
11. Support 1080P input up to 10 metres AWG26 HDMI standard cable length, output up to 15 metres AWG26 cable length.
12. Inputs can be switched with the IR remote control, also can be controlled by button.
13. No loss of quality
14. Installs in minutes

## Specifications :

HDMI resolution.....	24/50/60fps/480i/480p/576i/576p/720p/1080i/1080p
Support video color format.....	24bit/deep color 30bit, 36bit
Vertical Frequency Range.....	1080p@60Hz
Support audio format.....	DTS-HD/Dolby-true HD/LPCM7.1 /DTS/Dolby-AC3/DSD
Max bandwidth.....	225MHz
Max band rate.....	6.75Gbps
Input/Output TMDS signal .....	0.5~1.5Volts p-p (TTL)
Input/Output DDC signal .....	5Volts p-p (TTL)
1080P Input cable distance.....	≤10m AWG26 HDMI standard cable
1080P Output cable distance.....	≤15m AWG26 HDMI standard cable
Max working current.....	350mA
Operating Temperaturer.....	(-15 to +55°C)
Operating Humidity range.....	5 to 90%RH (No Condensation)
Dimension (L x W x H) .....	83.5x50x25 (mm)
Weight.....	125g



## Product Diagram:

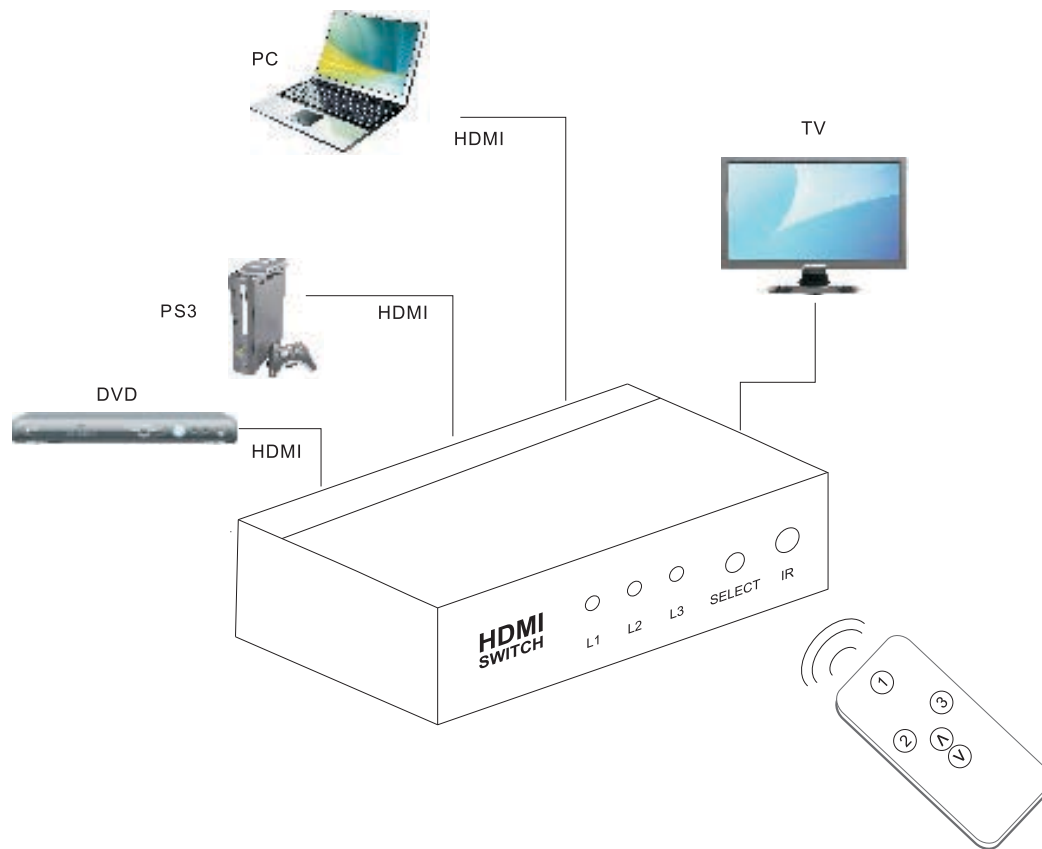


1. DC 5V Power Input
2. HDMI Input1~3 Ports
3. HDMI Output Port
4. HDMI Input1~3 LED
5. SELECT Button
6. IR

## IR Remote Operating Instruction

1. Firstly take off the plastic film in the rear of the remote board.
2. If you want to select any of the 3 signal sources to the output, press the 1, 2, or 3 key. For example: you want to switch the 2 input signal to the output, press the 2 key directly.
3. The plastic film is strongly advised to put it in the rear of the remote board when the remote is not used for long time.

## Connection Diagram:



## Safety Precautions:

- Do not set this product adjacent to a water source or an environment that has excessive moisture.
- Do not operate the product when hands are wet.
- Place this product on a flat surface and keep it out of reach of children.
- Please turn the power off when it is not in use for an extended period of time.
- Do not attempt to dismantle the product on your own.
- Please use the power adapter provided.

## Troubleshooting guide:

Before power on, please check the connection line carefully. And make sure that all interfaces are correctly connected.

The common trouble shooting way shows below:

Serial NO	Trouble Description	Cause and Ways to deal with
1	No Picture	<ol style="list-style-type: none"><li>1、 Make sure that the TV is on and has been connected with the switcher.</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 the cable quality</li></ol>
2	Obscure Picture	<ol style="list-style-type: none"><li>1、 Try again to connect the cable to be free from the unsuccessful connection.</li><li>2、 Check HDMI Cable Quality</li></ol>
3	Remote not working	<ol style="list-style-type: none"><li>1、 Check if the film in rear of the remote control is taken out</li><li>2、 Check if the battery in remote is full.</li></ol>

## Recycling the Product:

To dispose this product properly, please follow the recycling process regulations in your area.

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