

HDMI SPLITTER

User Manual

HDMI 1x2 Splitter With IR
(3D Ultra HD 4Kx2K)

Bring High-Definition to your life!



DEAR CUSTOMER

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.

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

1.0 INTRODUCTION

HDMI Splitter is a product which can distribute HDMI signal without loss to one or more high definition display device such as HDTV. It can optimize your home theatre system to the best effect.

HDMI signal is distributed from source device such as DVD, Satellite Receiver, Set-Top Box, DV Camera, A/V Receiver and other HDMI enabled device to high definition display device such as HDTV and HDMI Flat panel Display.

2.0 FEATURES

1. Fully HDMI 1.4 specification compliant. It is applicable to source device and high definition display device, such as DVD and HDTV which have HDMI Ports or digital ports and are compliant with HDCP protocol.
2. Support CEC;
3. With built-in IR extender function;
4. Support high resolutions: 480i/p, 576i/p, 720i/p, 1080i/p, 3840x2160@25/30Hz;
5. Support 30/36 dark, extended color space support, including: SYCC601, Adobe RGB, Adobe YCC601;
6. Blu-ray DVD 24/50/60fs/HD-DVD/xvYCC;
7. Audio formats DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3 and DSD;
8. Extend the transmission distance and improve transmission signal;
9. Compatible with DVI by using HDMI to DVI adapter;
10. Plug- and -play;
11. Metal casing design and overall shielding without signal interference;
12. Led indicates signal and power mode;
13. Power supply (please refer to technical parameter);
14. Support 3D
15. Support EDID

3.0 PACKAGING ACCESSORIES

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

1. HDMI 1×2 Splitter-----1PCS
2. 5V DC Power Adaptor-----1PCS
3. IR Adaptor-----1PCS
4. IR Transmitter-----1 PCS
5. IR Receiver-----1 PCS
6. User Manual-----1 PCS

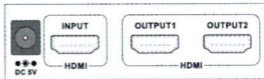
4.0 TECHNICAL PARAMETERS

HDMI Source Input Port-----	1
Display Device Output Port-----	2
Source Port Connector-----	19 PIN HDMI.
Display Device Port Connector-----	19 PIN HDMI.
HDCP Compliant-----	YES
Single Link Range-----	3840*2160
Input Video Signal-----	0.5-1.0 Volts P-P
Input DDC Signal-----	5 Volts P-P(TTL)
Deep Color-----	48 Bit
HDMI Version-----	HDMI1.4
Bandwidth-----	Up to 340Mhz
Signal Speed-----	Up to 10.2Gbps
The length of input cable-----	PS4< 15M; BLUE DVD< 15M
The length of output cable-----	< 25M
The cable standard-----	26AWG HDMI1.4
Vertical Frequency Range-----	60Hz
Power Consumption(max.)-----	2.5Watts
Operation Temperature-----	0℃-70℃
Working Voltage-----	DC 5V
Power Adaptor-----	5V 1A
Net Weight-----	0.19kg
Dimension: L*W*H(mm)-----	84x48x20

5.0 PANEL INTRODUCTION

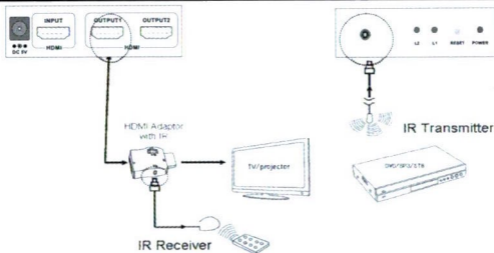


IR : Infrared Receiver Interface
 L1-2 : Signal Output Led Light
 RESET : Signal reset push button
 Power : Power LED



DC 5V : 5V DC-DC Power interface
 Input : HDMI input interface
 Output 1- Output 2 : HDMI output

6.0 CONNECTION DIAGRAM



6.01 Connect the HDMI cable between signal source and input port of Splitter.

6.02 Connect the HDMI cable between output port of Splitter and HDTV.

6.03 Connect splitter and power adapter.

6.04 Open the signal source and the power of HDTV, then it works.

Explanation: With different brands of the input or output device, the length of the connecting cables will differ too.

7.0 IR EXTEND FUNCTION INTRODUCTION AND OPERATION

Function: It can control the source by the IR received command when delivery and distribute the HDMI Signal. The way for connection:

- 1) To use one HDMI Cable to connect the HD Source (like Blue-Ray DVDPlayer, PS3 and HD DVDPlayer) with the HDMI input port of the splitter.
- 2) To use one HDMI Cable to connect IR adaptor' HDMI input port with HDMI output port of the splitter and also use one HDMI cable to connect the HDMI output port of the IR adaptor with the input port of the display.
- 3) To connect the 5V power adaptor with the splitter.
- 4) To connect the IR Transmitter unit with the IR input port of the splitter.
- 5) To connect the IR receiver unit with the IR head input port.
- 6) To keep the transmitter unit of IR-TX pointing directly at the IR tube of the signal source and then it can use the signal source remote controller to control the signal source at the display end.

8.0 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.
5. Do not insert the metal or other objects to the equipment in addition to connecting cables to ports.
6. Do not demolish the equipment by yourself ; it should be maintained by professional maintenance staff.

★ With different brands of the input or output device, the length of the connecting cables will differs too.



Warning! Electronic products can't be discarded at will, it must be recycled through special ways.