

HDMI SPLITTER

User Manual

HDMI2.0 Splitter Series

Bring High-Definition to your life!

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 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. Compliant with HDMI2.0, HDCP2.2 and DVI 1.0.
2. Support video format up to 4Kx2K@60Hz with 24bit RGB /YCbCr4:4:4 /YCbCr4:2:2, and up to 4Kx2K@60Hz with 12bit YCbCr4:2:0
3. Support 3D frame sequential video format up to 1080P@60Hz
4. Support high resolution VESA mode video format up to QSXGA@60Hz.
5. Support HDR and 18Gbps Signal Speed.
6. Supports LPCM 7.1CH, Dolby True HD, and DTS-HD Master Audio.
7. Compatible with DVI by using HDMI to DVI adapter.
8. Extend the transmission distance and improve transmission signal.
9. Metal casing design and overall shielding without signal interference.
10. Power supply (please refer to technical parameter).

3.0 Packaging accessories:

1. HDMI Splitter-----1 Pcs
2. 5V DC Power Adaptor-----1 Pcs
3. User Manual-----1 Pcs

4.0 Panel Introduction

(2 PORT HDMI 2.0 Splitter)



EDID -----	EDID Setting button
IR Ext-----	IR Extension port
L1-L2-----	HDMI Output Indicator
Reset-----	Reset button
Power-----	Power Indicator
ON/OFF-----	Power Switch
DC/5V-----	Power Input port
HDMI Input-----	HDMI Input port
HDMI Output2-1-----	HDMI 1-2 outputs

(4 PORT HDMI 2.0 Splitter)



EDID -----	EDID Setting button
IR Ext-----	IR Extension port
L1-L4-----	HDMI Output Indicator
Reset-----	Reset button
Power-----	Power Indicator
ON/OFF-----	Power Switch



DC/5V-----	Power Input port
HDMI Input-----	HDMI Input port
HDMI Output4-1-----	HDMI 1-4 outputs

(8 PORT HDMI 2.0 Splitter)



EDID -----EDID Setting button
 IR Ext-----IR Extension port
 L8-L1-----HDMI Output Indicator
 Reset-----Reset button
 Power-----Power Indicator
 ON/OFF-----Power Switch



DC/5V-----Power Input port
 HDMI Input-----HDMI Input port
 HDMI Output8-1-----HDMI 1-8 outputs

(16 PORT HDMI 2.0 Splitter)



EDID -----EDID Setting button
 IR Ext-----IR Extension port
 L1-L8-----HDMI Output Indicator
 Reset-----Reset button
 Power-----Power Indicator
 ON/OFF-----Power Switch



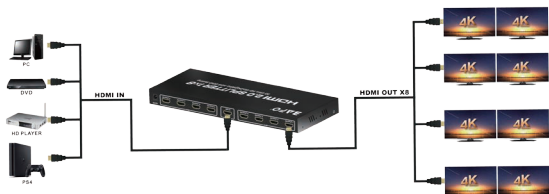
DC/5V-----Power Input port
 HDMI Input-----HDMI Input port
 HDMI Output16-1-----HDMI 1-16 Output

5.0 Technical parameters

HDMI Product	2 PORT	4 PORT	8 PORT	16 PORT
HDMI Source Input Port	1	1	1	1
Display Device Output Port	2	4	8	16
Source Port Connector	19 PIN HDMI	19 PIN HDMI	19 PIN HDMI	19 PIN HDMI
Display Device Port Connector	19 PIN HDMI	19 PIN HDMI	19 PIN HDMI	19 PIN HDMI
HDCP Compliant	YES	YES	YES	YES
Single Link Range	3840x2160	3840x2160	3840x2160	3840x2160
Input Video Signal	0.5-1.0 Volts P-P	0.5-1.0 Volts P-P	0.5-1.0 Volts P-P	0.5-1.0 Volts P-P
Input DDC Signal	5 Volts P-P(TTL)	5 Volts P-P(TTL)	5 Volts P-P(TTL)	5 Volts P-P(TTL)
Deep Color	48 Bit	48 Bit	48 Bit	48 Bit
HDMI Version	HDMI 2.0	HDMI 2.0	HDMI 2.0	HDMI 2.0
Bandwidth	Up to 600Mhz	Up to 600Mhz	Up to 600Mhz	Up to 600Mhz
Signal Speed	Up to 18Gbps	Up to 18Gbps	Up to 18Gbps	Up to 18Gbps
The length of input cable	PS4≤10M ; BLUE DVD≤10M	PS4≤10M ; BLUE DVD≤10M	PS4≤10M ; BLUE DVD≤10M	PS4≤10M ; BLUE DVD≤10M
The length of output cable	≤10M	≤10M	≤10M	≤10M
The cable standard	28AWG HDMI2.0	28AWG HDMI2.0	28AWG HDMI2.0	28AWG HDMI2.0
Vertical Frequency Range	30Hz	30Hz	30Hz	60Hz
Power Consumption(max.)	2.5Watts	3.5Watts	6.5Watts	17.5Watts
Operation Temperature	0°C-70°C	0°C-70°C	0°C-70°C	0°C-70°C
Working Voltage	DC 5V	DC 5V	DC 5V	DC 5V
Power Adaptor	5V 1A	5V 1A	5V 2A	5V 3A
Net Weight	0.13Kg	0.39Kg	0.98Kg	1.3Kg
Dimension: L*W*H(mm)	110x48x25	150x64x25	276x110x25	418x90x25

6.0 Connection diagram

Before installation, please make sure all devices you want to connect have been turned off.



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 EDID Selector: Select HDMI output signal format via EDID Selector.

Number	EDID Selector	Description
1	0000	1080P,Stereo-Audio-2.0
2	0001	1080P,Dolby-DTS-5.1
3	0010	1080P,HD-Audio-7.1
4	0011	1080P,Stereo-Audio-2.0
5	0100	1080P,Dolby-DTS-5.1
6	0101	1080P,HD-Audio-7.1
7	0110	3D,Stereo-Audio-2.0
8	0111	3D,Dolby-DTS-5.1
9	1000	3D,HD-Audio-7.1
10	1001	4Kx2K@30Hz,Stereo-Audio-2.0

11	1010	4Kx2K@30Hz,Dolby-DTS-5.1
12	1011	4Kx2K@30Hz,HD-Audio-7.1
13	1100	4Kx2K@60Hz,Stereo-Audio-2.0
14	1101	4Kx2K@60Hz,Dolby-DTS-5.1
15	1110	4Kx2K@60Hz,HD-Audio-7.1
16	1111	Auto Identification

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.