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# HDMI SPLITTER

User Manual

HDMI SPLITTER  
(Ultra HD 4Kx2K 3D 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 Packaging accessories:**

When first unpacking your extender please check to see if the following items are included:

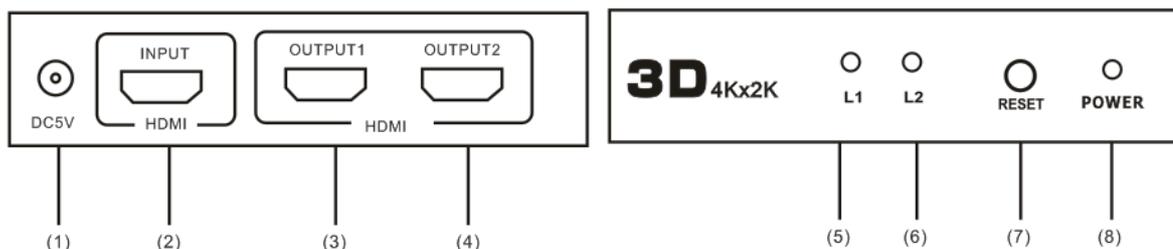
1. HDMI Splitter-----1 PCS
2. User Manual-----1 PCS
3. Power Supply-----1 PCS

### **3.0 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 high resolutions up to 1920\*1200,including 480i/p,576i/p,720i/p,1080i/p.
3. Support 30/36 dark, extended color space support, including:SYCC601 、 Adobe RGB 、 AdobeYCC601
4. Blu-ray DVD 24/50/60fs/HD-DVD/xvYCC.
5. Audio formats DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3 and DSD.
6. Extend the transmission distance and improve transmission signal.
7. Compatible with DVI by using HDMI to DVI adapter.
8. Plug- and -play.
9. Metal casing design and overall shielding without signal interference.
10. Led indicates signal and power mode.
11. Power supply (please refer to technical parameter).
12. Support 3D

### **4.0 Panel Introduction**

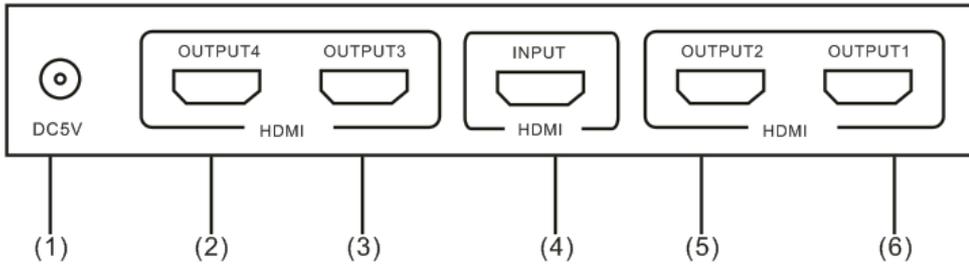
#### **(4.1 HDMI1X2 Splitter)**



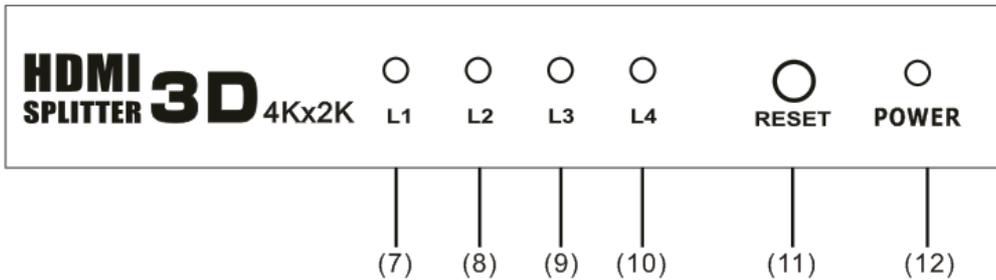
1. DC POWER INPUT PORT
2. HDMI INPUT PORT
3. HDMI OUTPUT PORT 1
4. HDMI OUTPUT PORT 2

5. HDMI OUTPUT 1 INDICATOR
6. HDMI OUTPUT 2 INDICATOR
7. SIGNAL RESET PUSH BUTTON
8. POWER INDICATOR

#### (4.2 HDMI1X4 Splitter)

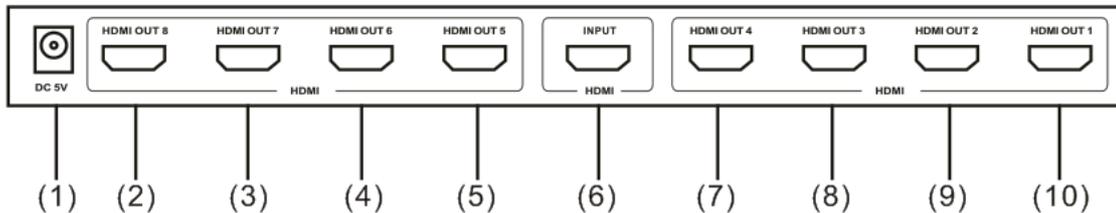


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|-----------------------|----------------------|
| 1.DC POWER INPUT PORT | 4.HDMI INPUT PORT    |
| 2.HDMI OUTPUT PORT 4  | 5.HDMI OUTPUT PORT 2 |
| 3.HDMI OUTPUT PORT 3  | 6.HDMI OUTPUT PORT 1 |

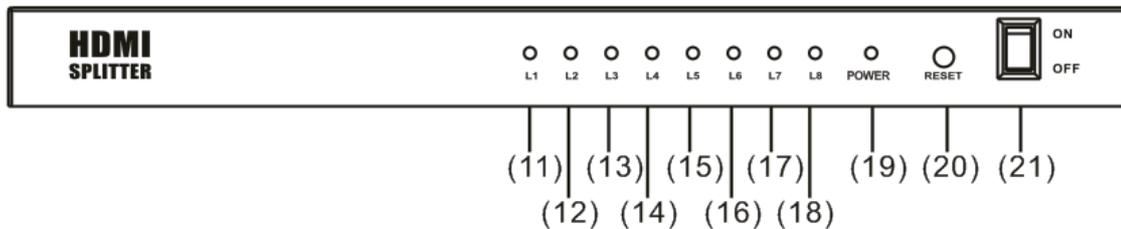


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|---------------------------|-----------------------------|
| 7.HDMI OUTPUT 1 INDICATOR | 10.HDMI OUTPUT 4 INDICATOR  |
| 8.HDMI OUTPUT 2 INDICATOR | 11.SIGNAL RESET PUSH BUTTON |
| 9.HDMI OUTPUT 3 INDICATOR | 12.POWER INDICATOR          |

#### (4.3 HDMI1X8 Splitter)

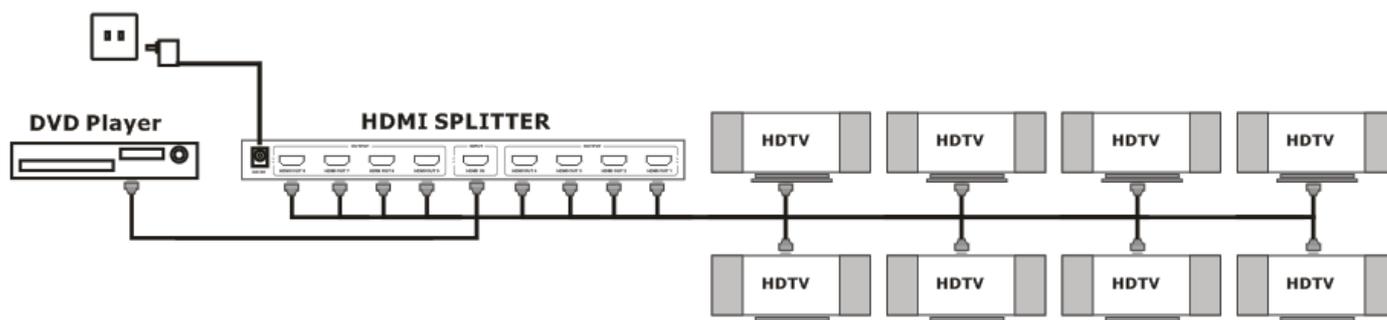


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|-----------------------|-----------------------|
| 1.DC POWER INPUT PORT | 6.HDMI INPUT PORT     |
| 2.HDMI OUTPUT PORT 8  | 7.HDMI OUTPUT PORT 4  |
| 3.HDMI OUTPUT PORT 7  | 8.HDMI OUTPUT PORT 3  |
| 4.HDMI OUTPUT PORT 6  | 9.HDMI OUTPUT PORT 2  |
| 5.HDMI OUTPUT PORT 5  | 10.HDMI OUTPUT PORT 1 |



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|----------------------------|-----------------------------|
| 11.HDMI OUTPUT 1 INDICATOR | 16.HDMI OUTPUT 6 INDICATOR  |
| 12.HDMI OUTPUT 2 INDICATOR | 17.HDMI OUTPUT 7 INDICATOR  |
| 13.HDMI OUTPUT 3 INDICATOR | 18.HDMI OUTPUT 8 INDICATOR  |
| 14.HDMI OUTPUT 4 INDICATOR | 19.POWER INDICATOR          |
| 15.HDMI OUTPUT 5 INDICATOR | 20.SIGNAL RESET PUSH BUTTON |
|                            | 21.POWER SWITCH             |

## 5.0 Connection diagram



**Note:**When HDMI Splitter works,make sure the source device and display device are well connected with cables.In order to make the relevant ports firstly power on switch,then power on source device.

## 6.0 Specifications

HDMI Product	1x2 SPLITTER	1x4 SPLITTER	1x8 SPLITTER	1x16 SPLITTER
HDMI Source Input Port	1	1	1	1
Display Device Output Port	2	4	8	16
Source Port Connector 19 PIN HDMI(A TYPE)	✓	✓	✓	✓
Display Device Port Connector 19 PIN HDMI(A TYPE)	✓	✓	✓	✓
HDCP Compliant	✓	✓	✓	✓
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	48bit	48bit	48bit	48bit
Single Link Range	3840×2160	3840×2160	3840×2160	3840×2160
HDMI Version(HDMI1.4)	✓	✓	✓	✓
Bandwidth	Up to 340Mhz	Up to 340Mhz	Up to 340Mhz	Up to 340Mhz
Signal Speed	Up to 10.2Gbps	Up to 10.2Gbps	Up to 10.2Gbps	Up to 10.2Gbps
The length of input cable PS3≤10M;BLUE DVD≤10M	✓	✓	✓	✓
The length of output cable ≤10M	✓	✓	✓	✓
The cable standard (28AWG HDMI1.4)	✓	✓	✓	✓
Vertical Frequency Range	25/30Hz	25/30Hz	25/30Hz	25/30Hz
Power Consumption(max)	1.5 Watts	2.5 Watts	6.5 Watts	17.5 Watts
Operation Temperature	0℃ TO 70℃	0℃ TO 70℃	0℃ TO 70℃	0℃ TO 70℃
Working Voltage(DC 5V)	✓	✓	✓	✓
Power Adaptor	5V 1A	5V 1A	5V 2A	5V 3.5A
Net Weight	110g	210g	950g	2000g
Dimension: L×W×H (mm)	84×48×24	140.5×63.7×20	276×156×25	461×140×41

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



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