2/4/8/16-Port HDMI Splitter Manual

Special Notification

Before using this product, please read this manual carefully.
Please keep this manual for future reference.
The company may change the fuction of product without notice.

Appearance

2/4/8/16-Port HDMI Splitter series, which can distribute one way HDMI source signal to 2/4/8/16 displays, support HDMI standard maximum 10.2Gbps (1.3v:6.75Gbps) data rate,12-bit color depth,3D, and high quality lossless audio. These splitters,which compliant with HDCP, support 1080P, and 4096×2160/24Hz (1.3v:1920×1080/60Hz) resolution. 2/4/8/16ports HDMI splitter series are best for appliance of distributing one way HDMI signal to multi displays .
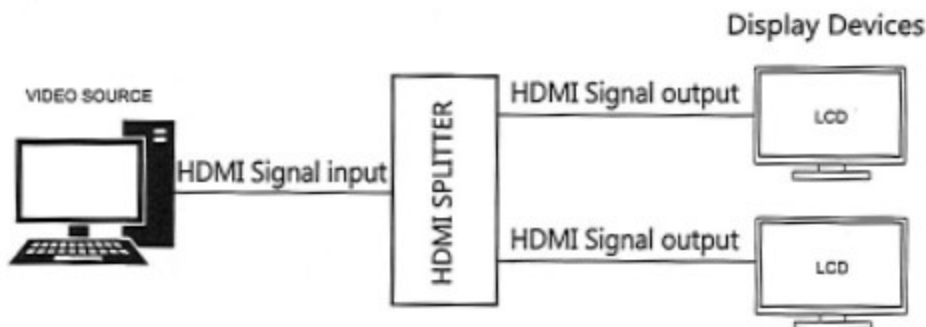
Feature

- 1 channel HDMI signal input distribution to a 2/4/8/16 HDMI signal output.
- Support 3D Video format.
- Support 4K Signal input input and output. (only supporte HDMI 1.4 version model, not HDMI 1.3 version model) .
- Support 24/30/36 Bit Color.
- Support HDCP.
- Compatible up to 4096×2160/24Hz(1.3v:1080P/60Hz) .
- Compatible audio format LPCM7.1/DTS/DOLBY-AC3/DSD/DTH-HD/ Dol-by-trueHD.
- Using the 24AWG HDMI standard cable,input transmission distance is 15 meters, the output transmission distance is 15 meters. (Use the lower rate and high quality cable, signal transmission distance is longer).
- By stacking method, can significantly increase the number of HDMI output port.
- No loss of signal.

(To prevail in kind)

Connection Diagram

(Take 2 port for example)

Display Devices

VIDEO SOURCE

HDMI Signal input

HDMI SPLITTER

HDMI Signal output — LCD

HDMI Signal output — LCD

Operating instructions :

1. Connect the power supply to HDMI splitter in the right way
2. Connect tne cable from HDMI source device into HDMI splitter input.
3. Connect other cables from HDMI splitter to each display (monitor or projector).
4. Can work normally.

Packing List

NO.	Parts	Qty
1	HDMI Splitter	1
2	Power Adapter	1
3	Instructions	1

Technical Parameters

Note : the HDMI signal input/output need to use the standard HDMI cable and power adapter.

Video	
Highest Data Rate	1.4v : 10.2Gbps (3.4Gbps per color) 1.3v : 6.75Gbps (2.5Gbps per color)
Data Rate	340MHz (1.3v 225MHz)
Resolutions	24/50/60Fs/1080P/1080i/720P/576i /480P/480i(24/30/2160P 1.4 version model)
Signal Standard	HDMI
ESD	8KV
Video input/output	
Number/type of signal	1×2/1×4/1×8/1×16 HDMI
Input/output cable length	≤15 meter (standard 24AWG HDMI cable)
Audio	
Audio formats	LPCM7.1/DTS/DOLBY-AC3/DSD/ DTS-HD/Dollby-trueHD
Input and output TMDS signal	0.5-1.5Vp-p(TTL)
Input and output DDC signal	5Vp-p(TTL)
Support video color depth	24/30/36 bit color depth
Working temperature	0~40°C
Operating humidiy	5 to 85% RH (no-condenaing)

The matters needing attention of installation

In order to ensure the reliable performance of the equipment and the safety of the user, please observe the following matters during the process of installation, use and maintenance.

- Please do not use this product in the following places: the place of dust, soot and electric conductivity dust, corrosive gas, combustible gas; the place exposed to high temperature, condensation,wind and rain; the occasion of vibration and impact. Electric shock, fire, wrong operation can lead to damage and deterioration to the product, either;

- Should avoid wiring and inserting cable plug in charged state, otherwise it is easy to cause the shock, or electrical damage;

- The installation and wiring should be strong andreliable, contact undesirable may lead to false action;

- This product grounds by the grounding wires. To avoid electric shocks, grounding wires and the earth must be linked together. Before the connection of input or output terminal, please make sure this product is correctly grounded;

- Only after cutting down all external power source, can install, wiring operation begin, or it may cause electric shock or equipment damage;

- Please do not dismantle the equipment, avoid damaging the internal electrical component.