CLUX-12E
1x2 HDMI 1.3 Splitter

Operation Manual

CLUX-12E

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1. Introduction

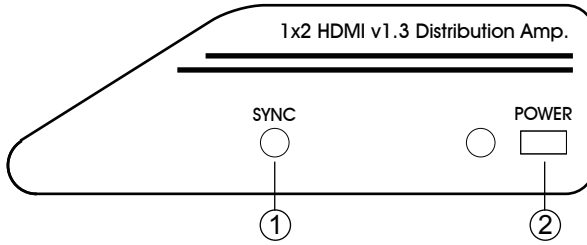
The HDMI v1.3 Distribution Amplifier Series is the most advanced solution to HDMI signal distribution. Each product in this series is compatible with HDMI v1.3 specifications, a cutting-edge technology which defines the supports to transfer Deep Color (10-bit and 12-bit) video and new lossless compressed (Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio) digital audio, with a high bandwidth up to 225MHz (6.75Gbps). Besides splitting and distributing, the HDMI v1.3 DA series also does signal amplification and equalization, so as to provide high performance I/O of audio and video.

2. Features

- HDMI 1.3, HDCP1.1 and DVI1.0 compliant Receiver.
- Deep color video up to 12bit, 1080p@(24/60)Hz.
- One HDMI source which connect up to two HDMI displays simultaneously.
- HDCP keysets allows each output to work independently when connecting to a HDMI display.
- Splits a HDMI source up to two outputs without signal loss.
- Supports DVI source and DVI display by using HDMI to/from DVI adaptor cable.
- Dolby Digital, DTS digital audio transmission (32-192 kHz Fs sample rate).
- Supports a wide range of PC and HDTV resolutions, from VGA to UXGA and 480i to 1080p.
- HDMI cable distance test with 1080p/8bits resolution the Input/Output distance can run up to 15/15 meters. with 1080p/12bits the Input/Output distance can run up to 10/15 meters.
- Supports EDID functionality. The unit will detect the first HDMI/DVI output source's EDID and record in the unit. If the first detected output source is empty it will pass to next source, until the first HDMI/DVI been detected. When users reconnect all the output sources or re-plug the power source,the system will automatically recover the EDID.
- Supports xvYCC.
- Supports CEC bypass.

3. *Operation Controls and Functions*

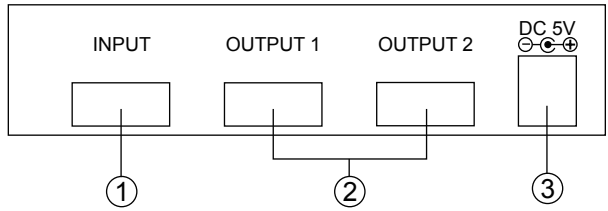
Top Panel:



① Sync LED: The LED will illuminate when the HDMI source signal is connected to the input.

② Power LED indicator: The power LED will illuminate when power on.

3.2 Rear Panel:

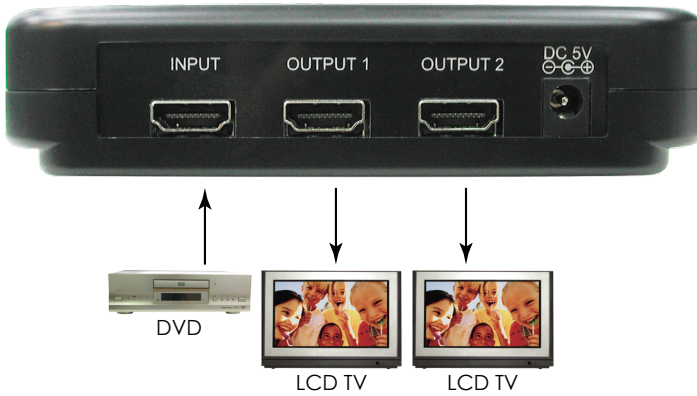


① HDMI Input: Connect input port to the HDMI or DVI output of your source equipment such as DVD player or set-top-box.

② HDMI output 1 and 2: Connect each of the output ports to the HDMI display. When more than one output connected, the HDMI outputs play identical video signal simultaneously.

③ Power: Plug the 5V DC power supply into the splitter and connect the adaptor to AC wall outlet.

4. Connection and Installation



5. Specifications

Frequency Bandwidth	2.25Gbps (single link)
Input Port	1x HDMI female port (Type A connector)
Output Ports	2x HDMI female ports (signal link)
Power Supply	5VDC/2.6A (US/EU standards, CE/FCC/UL certified)
Dimensions (mm)	145(W) x 90(D) x 32(H)
Weight(g)	160
Chassis Material	Plastic
Silkscreen Color	Silver
Operating Temperature	0°C ~ 40°C

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