CLUX-14EP
1x4 HDMI
v1.3 Splitter

Operation Manual

CLUX-14EP

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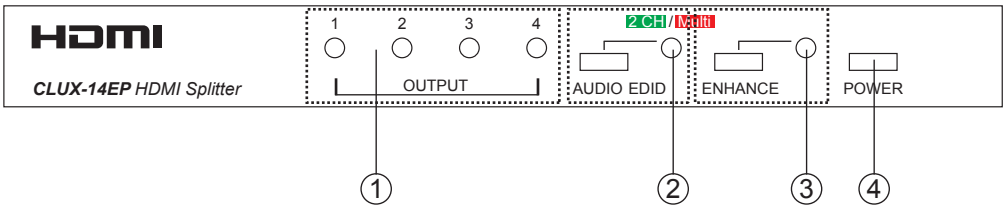
1. Introduction

The HDMI Splitter is the most advanced solution to HDMI signal distribution. Each product in this series is compliant with HDMI v1.3 and HDCP v 1.1 specifications. It allows one HDMI source to connect up to four HDMI displays simultaneously.

2. Features

- HDCP1.3 and DVI1.0 compliant Receiver.
- Built-in HDCP keysets allows each output to work independently when connecting to a HDMI display.
- Splits a HDMI source up to four outputs at 1080p without signal loss.
- Supports DVI source and DVI display by using HDMI to/from DVI adaptor cable.
- Supports a wide range of PC and HDTV resolutions, from VGA to UXGA and 480p to 1080p.
- Deep color video 10bit, 1080p@60Hz and 12bit up to 1080i@60Hz.
- Can be cascaded for more outputs.
- Support muti-channel compressed and uncompressed HDMI audio.
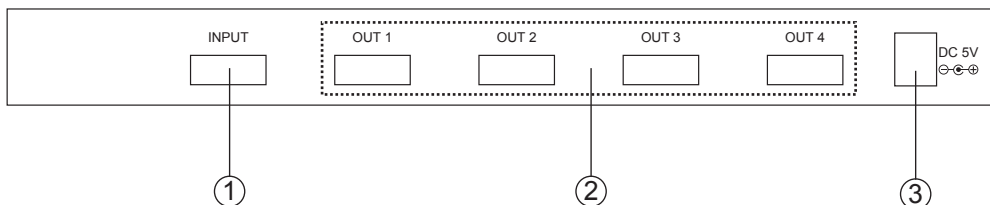- Full HDCP compliant.
- Enhance function for signal pre-emphasis.
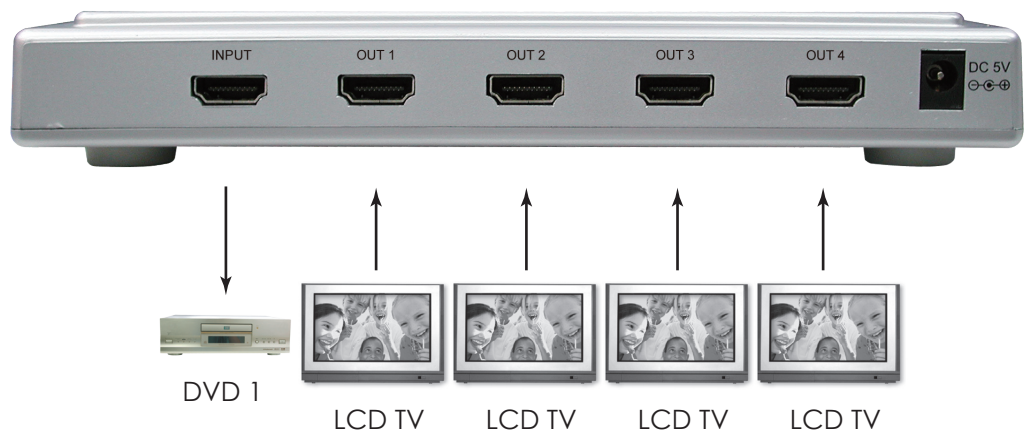
3. Operation Controls and Functions

3.1 Front Panel

① HDMI output Indicator: The LED will illuminate when the output sources are been connected.

② Audio EDID Switch: This system build-in standards audio EDID for 2 channels and multi channels support. In cases where the sources are support multi channels and displays only support 2 channels. The user can simply switch the audio EDID to 2 channels. When selected audio EDID in 2 channels, the LED will illuminate in Red color. When selected audio EDID in multi channels, the LED will illuminate in Green color.

③ Signal Enhancement/Indicator: Press "Enhance" button to improve signal quality after long distance transmission.

④ Power switch: Press the switch to power on the unit.

3.2 Rear Panel

```
        INPUT     OUT 1      OUT 2      OUT 3      OUT 4         DC 5V
                                                                ⊖-⊙-⊕
         □         □          □          □          □           □

         ①                             ②                        ③
```

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 Outputs 1 to 4: Connect each of the output ports to the HDMI display. When more than one output been 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

DVD 1

LCD TV   LCD TV   LCD TV   LCD TV

5. Specifications

Input port	1x HDMI female port (Type A connector)
Output port	4 x HDMI female ports (signal link)
Power Supply	5VDC/2.6A (US/EU standards, CE/FCC/UL certified)
Dimensions (mm)	206(W) x 111(D) x 32(H)
Weight(g)	250g
Chassis Material	Plastic
Silk Skin Color	Silver
Operating Temperature	Operating from 0°C ~ 48°C

6. Cypress HDMI v1.3 Series:

Product	Description
CLUX-11S	1x1 HDMI V1.3 Repeater
CLUX-12S	1x2 HDMI V1.3 Splitter
CLUX-14S	1x4 HDMI V1.3 Splitter
CLUX-18S	1x8 HDMI V1.3 Splitter
CLUX-21SY	2x1 HDMI V1.3 Switcher
CLUX-31S	3x1 HDMI V1.3 Switcher
CLUX-31SY	3x1 HDMI V1.3 Switcher
CLUX-41SY	4x1 HDMI V1.3 Switcher
CLUX-41AT	4x1 HDMI V1.3 Switcher with Digital Audio
CLUX-42S	4x2 HDMI V1.3 Switcher
CLUX-110S	1x10 HDMI V1.3 Splitter
CLUX-210S	2x10 HDMI V1.3 Splitter
CLUX-210T	2x10 HDMI V1.3 Splitter with Digital Audio