CLUX-41AP

4x1 HDMI v1.3 Switcher

Operation Manual



CLUX-41AP

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1. Introduction

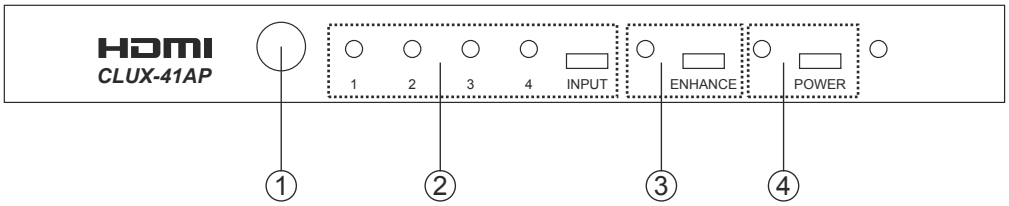
The is a high performance HDMI v1.3 Switcher with remote control. It allows your various HDMI source to share one HDTV display. Simply pressing one button to select your desired HDMI source for display on the HDTV.

2. Features

- HDMI 1.3, HDCP1.1 and DVI1.0 compliant.
- Supports 30/36 bit color depth display.
- Supports High Definition audio-Dolby Digital TrueHD and DTS-HD.
- Auto Signal Enhancement feature can improve signal quality after long distance transmission.
- Signal Enhancement feature allows you to improve signal quality after long distance transmission.
- Supports high resolution input:
  PC: VGA, SVGA, XGA, SXGA, UXGA and 1920 x 1200.
  HDTV: 480i, 480p, 576i, 576p, 720p, 1080i and 1080p.
- Remote control.
- Ideal for home theater integration.
- Easy to install and simple to operate.

3. Operation Controls and Functions

3.1 Front Panel



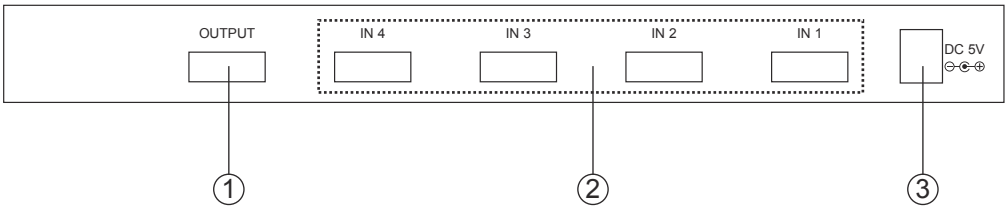
① Remote control sensor.

② Input select/Indicators: Press the “INPUT” button repeatedly to switch to your desired input source and the LED will illuminate to indicate which input source is selected.

③ Signal Enhancement/Indicator: Press the “Signal Enhance” button to turn on this feature to improve signal quality after long distance transmission. Press again to turn off. The LED will illuminate when the signal is enhanced.

④ POWER Switch/Indicator: When the power supply connected to the system, the system will automatically to turn on and the power LED will illuminate. Press the "POWER" button to turn on/off the system.

3.2 Rear Panel



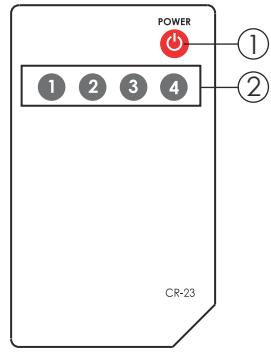
① HDMI output: Connect the HDMI out of the unit to the HDMI input of your display using HDMI cable.

② HDMI Inputs: Connect each of the input ports to the HDMI or DVI output of your source equipment such as DVD player or set-top-box.

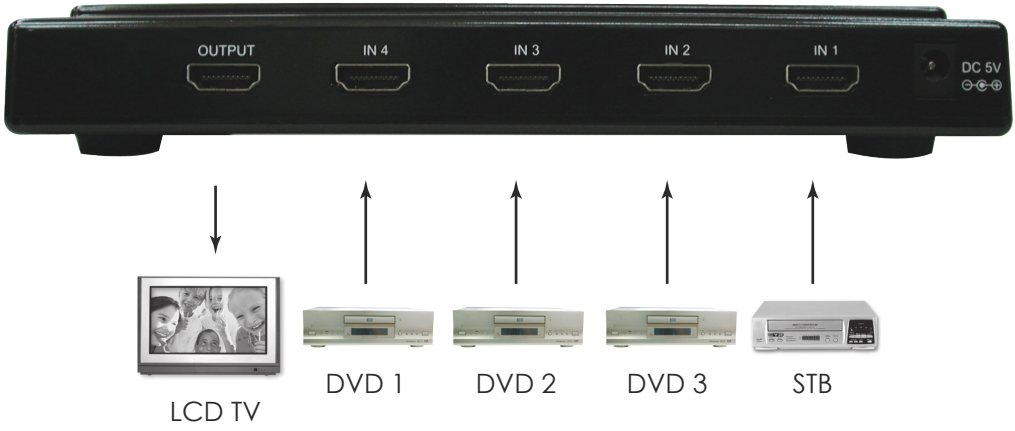
③ Power: Plug the 5V DC power supply into this unit and connect the adaptor to AC wall outlet.

4. Remote Control

1. Power: Press the button to turn on/off the unit.
2. Direct input selector: Press 1, 2, 3 or 4 to select the desired input source.



5. Connection and Installation



5. Specifications

Frequency Bandwidth	2.25Gbps (single link)
Input Ports	4 x HDMI female ports (Type A connector)
Output Port	1 x HDMI female port
Power Supply	5VDC/1A (US/EU standards, CE/FCC/UL certified)
Dimensions (mm)	206(W) x 111(D) x 32(H)
Weight(g)	250
Chassis Material	Plastic
Silkscreen Color	Black
Operating Temperature	0°C ~ 40°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

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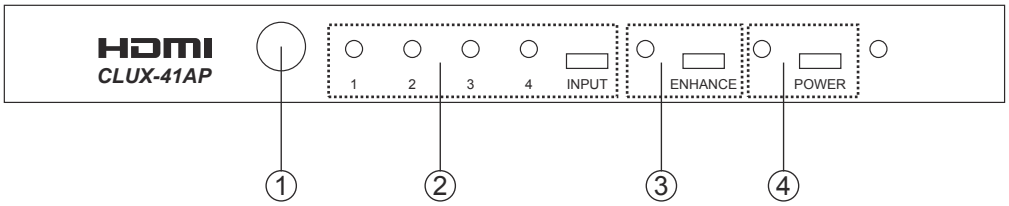
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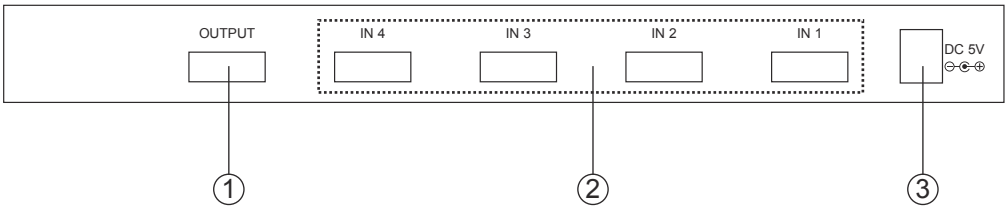
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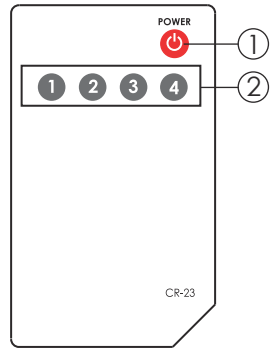
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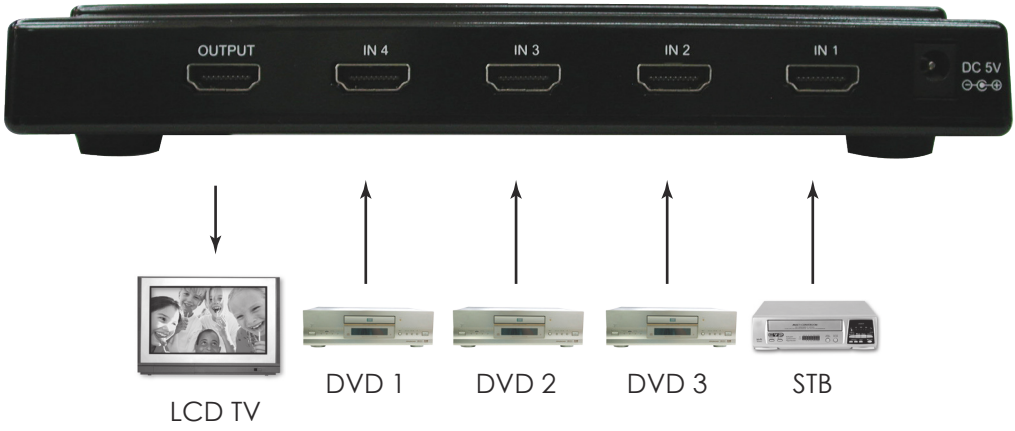
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