

CLUX-41W

4 by 1 HDMI 1.3 Switcher

Operation Manual



Revision History

<i>Version No.</i>	<i>Date</i>	<i>Summary of Change</i>
<i>V1</i>	<i>20090514</i>	<i>Preliminary Release</i>

Precaution

Failure to follow the precautions described below may cause damage to 4 by 1 HDMI 1.3 Switcher and void the warranty.

- DO NOT open the case. Doing so will void the warranty. If you find problem with it, please return back to your retailer or seller who will assist you or provide you with solution.
- DO NOT use third-Party AC adapter or power cord. Doing so may damage 4 by 1 HDMI 1.3 Switcher.
- DO NOT bump, jar or drop contents of the products as it may damage it and result in warranty void.
- DO NOT set any liquids or beverages on the drive as they may damage 4 by1 HDMI 1.3 Switcher.

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1. Introduction

This is a high performance HDMI v1.3 Switcher with remote control. It allows various HDMI sources to share a HDTV display. Simply press the button to select your desire HDMI source for display on the HDTV. The device is compatible to HDMI v1.3 specifications, and can define to support Deep Color transfer (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.

2. Application

- Showroom display control
- Educational demo
- Installation usage
- Advertising display

3. Contents

- 4 by 1 HDMI 1.3 Switcher
- Remote Controller
- Power adaptor
- Operational Manual

4. System Requirement

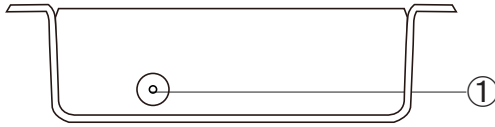
Input source equipments with HDMI cable and output displayer with HDMI cable.

5. Features

- HDMI 1.3, HDCP1.1 and DVI1.0 compliant.
- Deep color video up to 12bit, 1080p@60Hz.
- Four HDMI sources to connect up to a HDMI display simultaneously.
- Supports DVI source and DVI display by using HDMI to/from DVI adaptor cable.
- Supports LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio transmission (32-192kHz Fs sample rate).
- Supports a wide range of PC and HDTV resolutions from VGA to UXGA and 480i to 1080p.
- Full HDCP Compliant.
- HDMI cable distance test with 1080p/8bit resolution, the input/output source can run up to 15/15 meters. If 1080p/12bit, the input/output source can run up to 10/15 meters.
- Support xvYCC.
- Support CEC bypass.
- Support Sys. Reset function with hot key switch to reset the system within 8~10 minutes into factory mode.

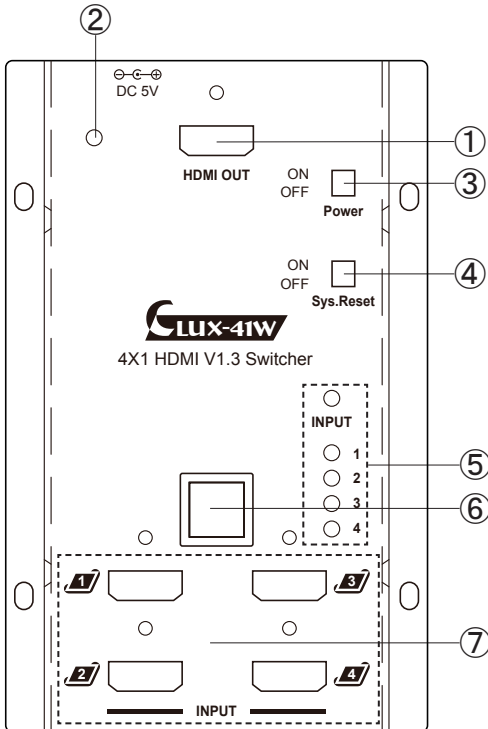
6. Operation Controls and Functions

6.1 Top Panel



- ① DC 5V: Plug the 5VDC power supply into the unit and connect the adaptor to AC wall outlet.

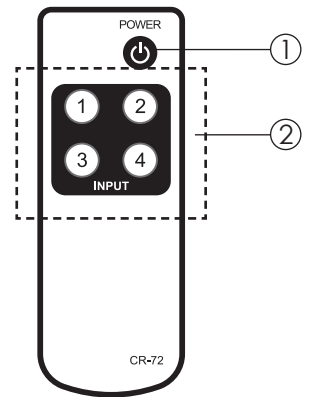
6.2 Front Panel



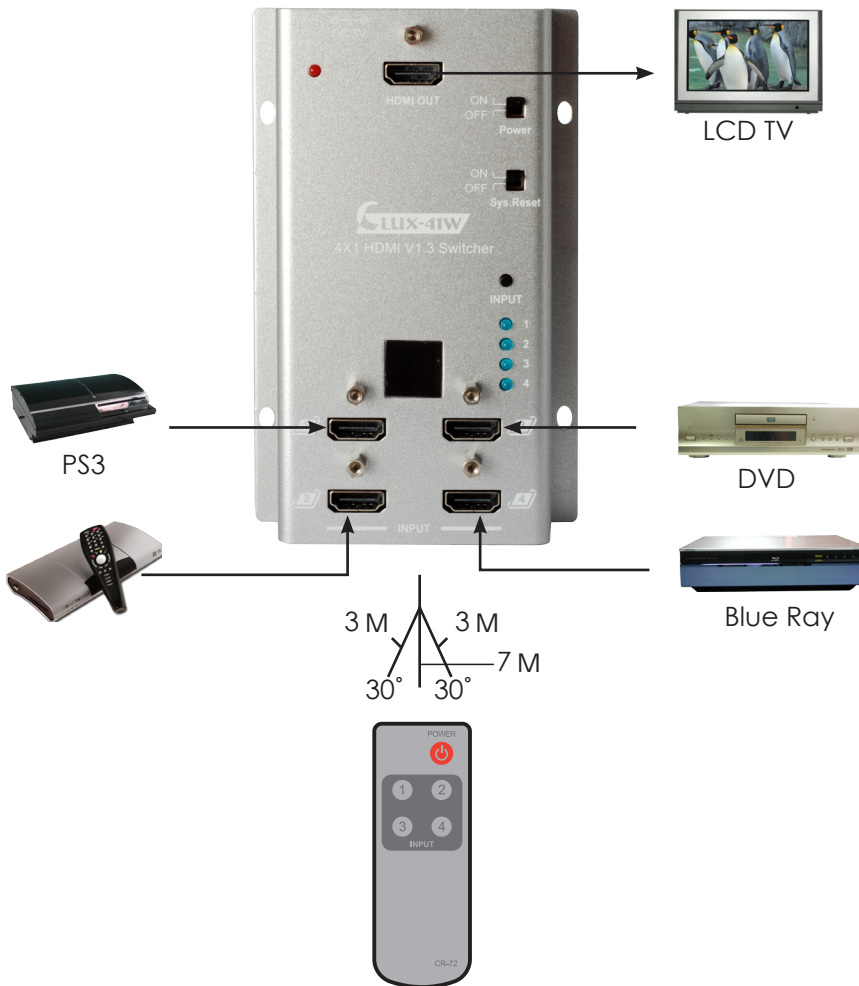
- ① HDMI OUTPUT: Connect your LCD TV or HD monitor with HDMI cables.
- ② Power LED: Red LED will illuminate when the Power is On.
- ③ Power switch: Switch to ON to turn on the device or switch to OFF to set the device standby. The factory default is OFF.
- ④ Sys. Reset: System reset function.
It is suggested having this function switch OFF always except when doing system reset. By switching to ON, the system will reset HDMI output to HDMI input 1 gradually within 8~10 minutes and therefore HDMI input 1 should be connected. Switching to OFF means CEC bypass. Factory default is OFF.
Note: The system reset function will only functioning when the display is built with CEC function.
- ⑤ INPUT: Input button for selecting input channel.
1~4: Input LED, the blue LED will illuminate with selected input channel.
- ⑥ IR: IR Receiver.
- ⑦ HDMI INPUT: Connect the equipments to the HDMI input ports such as DVD player, Blue Ray, PS3 and or other sources with HDMI cable. The factory default is on input 1.

7. Remote Control

- ① Power button: Press to switch On the device, press it again to set the device in standby mode.
- ② 1~4: Press the desire input button to select the input source.



8. Connection and Installation



9. Specifications

Frequency bandwidth	2.25Gbps (single link)
Input port	4 x HDMI Female ports
Output port	1 x HDMI Female port (single link)
HDMI output resolution	480i~1080p 50/60, 1080p24, VGA~UXGA
Power Supply	5VDC / 1A (US/EU standards, CE/FCC/UL certified)
Dimensions (mm)	93(W) x 148 (D) x 31 (H)
Weight (g)	210
Chassis Material	Aluminum
Silk Skin Color	Silver
Operating Temperature	From 0 °C ~ 40 °C
Power Consumption	2W



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20090519 MPM-CLUX41W