



EL-41WAD

v1.3 HDMI 4 to 1 Mountable Switcher

OPERATION MANUAL





Table of Contents

1.	Introduction	1
2.	Features	1
3.	Package Contents	1
4.	Operation Controls and Functions	2
4.1	Front Panel Diagram	2
4.2	Rear Panel Diagram	2-3
4.3	Remote Control	3
5.	RS232 Pinouts	4
6.	Commands Sets	4
7.	Connection Diagram	5
8.	Specifications	5





1. Introduction

Each switcher in the Elector Range is compatible to v1.3 HDMI specifications, supporting up to 16 bit Deep Colour together with High Definition audio.

2. Features

- v1.3 HDMI, HDCP 1.1 and DVI 1.0 compliant.
- HDMI 4 to 1 Mountable Switcher.
- Resolutions Supported: PC - VGA to UXGA; HDTV - 480i to 1080p plus 1080p24fps.
- High Definition Audio supported - Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio plus LPCM.
- Auto signal enhancement feature can improve signal quality after long distance transmission.
- IR remote control.
- Supports 'Deep Colour' (10 & 12 bit).
- Supports xvYCC and CEC Bypass.
- System reset function switch generate a command every 10 minutes to the connected display which resets them to the correct HDMI input.

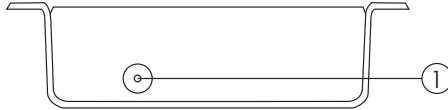
3. Package Contents

- 4 by 1 HDMI 1.3 Switcher
- Remote Control
- Power Adaptor
- Operation Manual



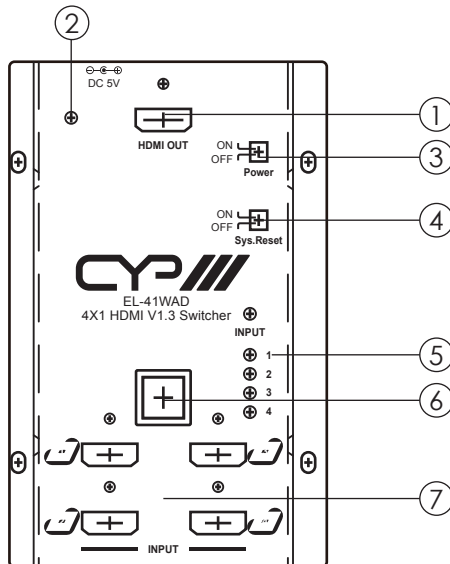
4. Operation Controls and Functions

4.1 Top Panel



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

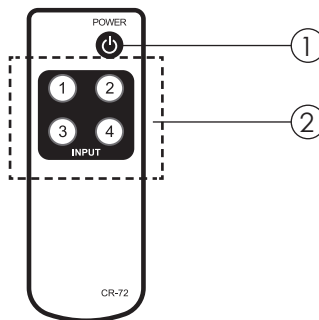
4.2 Front Panel





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.

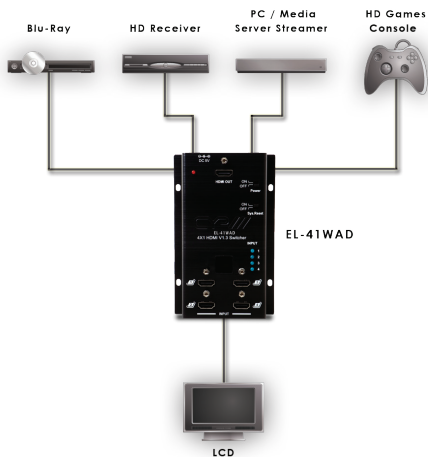
4.3 Remote Control





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

7. Connection Diagram





7. Specifications

Frequency bandwidth	2.25Gbps (2.25Gbps (single link))
Input Ports	4 x HDMI female port
Output Port	1 HDMI female ports
HDMI Output Resolution	480i ~1080p 50/60, 1080p24, VGA~UXGA
Power Supply	5VDC/2.6A (US/EU standards, CE/FCC/ UL Certified)
Dimensions (mm)	93 (W) x 148 (D) x 31(H)
Chassis Colour	Black
Chassis Material	Aluminium
Operating Temperature	Operating from 0°C ~ 48°C
Gross Weight (g)	560
Net. Weight (g)	420



Notes:



www.cypeurope.com

