



EL-21SY

2-Way HDMI Switcher

OPERATION MANUAL

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SAFETY PRECAUTIONS

Please read all instructions before attempting to unpack, install or operate this equipment and before connecting the power supply.

Please keep the following in mind as you unpack and install this equipment:

- Always follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.
- To prevent fire or shock hazard, do not expose the unit to rain, moisture or install this product near water.
- Never spill liquid of any kind on or into this product.
- Never push an object of any kind into this product through any openings or empty slots in the unit, as you may damage parts inside the unit.
- Do not attach the power supply cabling to building surfaces.
- Use only the supplied power supply unit (PSU). Do not use the PSU if it is damaged.
- Do not allow anything to rest on the power cabling or allow any weight to be placed upon it or any person walk on it.
- To protect the unit from overheating, do not block any vents or openings in the unit housing that provide ventilation and allow for sufficient space for air to circulate around the unit.

REVISION HISTORY

VERSION NO.	DATE	SUMMARY OF CHANGE
v2.00	08/08/14	Updated Format/Diagrams

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1. INTRODUCTION

The EL-21SY switcher accepts two HDMI inputs and allows the user to switch between two input sources to provide a single HDMI output for connection to the HDMI display. This switcher has an auto-detect function which will switch the unit when a source which is powered 'On'. Alternatively, the input can be selected manually using the input selection button on the device.

2. APPLICATIONS

- /// Share a single TV/Monitor input between two source devices
- /// Add HDMI inputs to an AV Receiver
- /// Home entertainment

3. PACKAGE CONTENTS

- /// 2 to 1 HDMI Switcher
- /// Power Adaptor
- /// Operation Manual

4. SYSTEM REQUIREMENTS

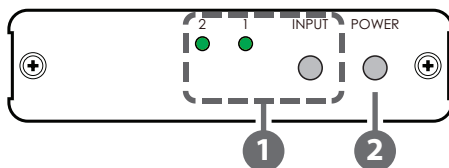
Source equipment such as a Games Consoles, Blu-ray Players (or a PC/Laptop with DVI with a DVI to HDMI adaptor cable) and a monitor or TV with HDMI connection cable.

5. FEATURES

- /// HDMI, HDCP 1.1 and DVI 1.0 compliant
- /// HDMI 2-way Switcher
- /// Resolutions Supported:
 - PC - VGA, SVGA, XGA, SXGA, UXGA & WUXGA (1920x1200)
 - HDTV - 480i, 576i, 480p, 576p, 720p, 1080i, 1080p and 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
- /// Auto-switch design
- /// Supports 'Deep Colour' (10, 12, & 16 bit)
- /// LED indicators
- /// Supports xvYCC
- /// Supports 3D signals
- /// Control via front panel buttons
- /// Last memory on power and input selection

6. OPERATION CONTROLS AND FUNCTIONS

6.1 Front Panel



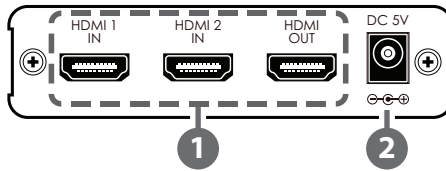
1 INPUT button and LED:

Press this button to switch between source 1 or 2. The LED will illuminate to indicate the selected source.

2 POWER button:

Press this button to switch on the device, press it again to switch the device into standby mode.

6.2 Rear Panel



1 OUTPUT:

Connect to a HDMI equipped TV/monitor or AV receiver for display of the selected HDMI source signal.

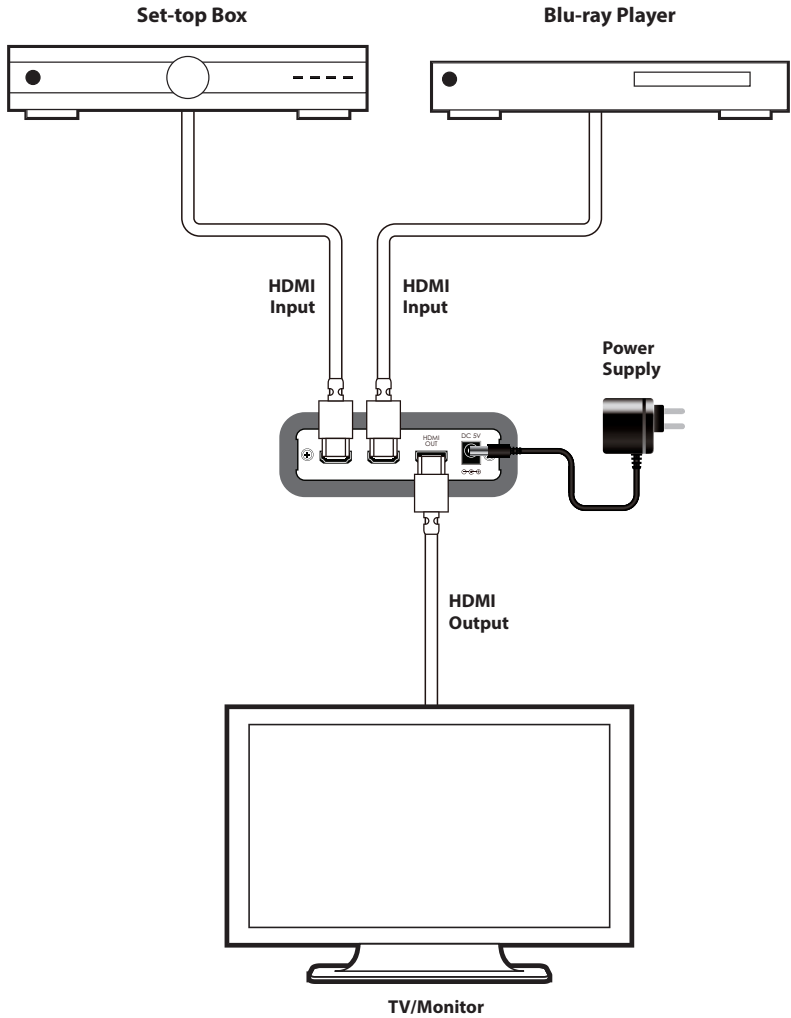
2 IN 1/2:

Connect to the HDMI source devices such as a Blu-ray player or a Set-top Box with HDMI cables or DVI to HDMI cables.

3 DC 5V:

Connect the 5V DC power supply to the unit and plug the adaptor into an AC outlet.

7. CONNECTION DIAGRAM



8. SPECIFICATIONS

Video Bandwidth	225 MHz/6.75 Gbps
Input Ports	2 × HDMI Female Ports (Type A Connector)
Output port	1 × HDMI Female Port (Type A Connector)
Power Supply	5V DC/1.2 A (US/EU standards, CE/FCC/UL certified)
ESD Protection	Human body ±8 kV (air-gap discharge) model: ±4 kV (contact discharge)
Dimension (mm)	101 mm (W) × 92 mm(D) × 25 mm(H)
Weight (g)	196 g
Chassis material	Aluminum
Silkscreen Color	Black
Operating Temperature	0 °C~40 °C/32 °F~104 °F
Storage Temperature	-20 °C~60 °C/-4 °F ~ 140 °F
Relative Humidity	20~60 % RH (no condensation)
Power Consumption	3.1 W



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