



# HDMI™ SWITCHER

# ELE5X1SW

MINI 5x1 HDMI Switcher

INSTALLATION MANUAL



# INTRODUCTION

## Dear customer,

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating, or adjusting this product. Please keep this manual for future reference.

Our series of HDMI converters, switches, extenders, matrixes, and switchers are designed to make using your A/V device more convenient, more comfortable, more productive, and more cost-efficient.

The **ELE5X1SW HDMI Switcher** connects multiple HDMI source outputs to a single HDMI input devices. The Switcher allows five HDMI devices to be selected with ease through one HDMI compatible monitor or projector. The Switcher can also be placed at the end of a long HDMI cable to regenerate the HDMI signal.

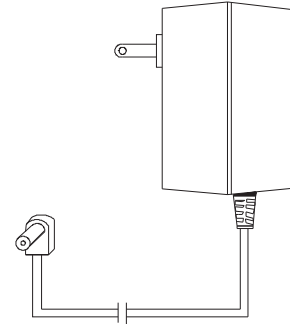
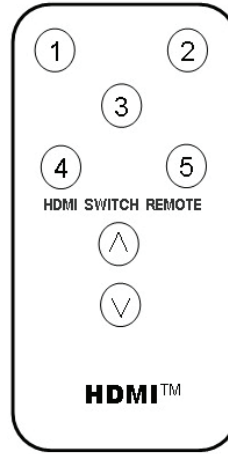
It offers solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, school, and corporate training environments.

## Features

- Five HDMI 1.3 input signals switched to a single HDMI 1.3 output signal
- HDCP 1.2 protocol compliant
- Supports Deep Color 30-bit, 36-bit
- Supports BlueRay 24/50/60fs/HD-DVD/xvYCC
- Digital Audio Format: DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
- Supports Signal Retiming
- Supports input up to 15m and output up to 25m AWG26 HDMI 1.3 Standard cable length
- Inputs can be switched with the IR remote control or with the button on the hardware
- Device recognizes empty input sources and can skip them during selection
- No loss of quality
- Installs in minutes
- Need DC5V/1A power supply

## Package Contents

- ELE5X1SW (x1)
- Remote Control (x1)
- Installation Manual (x1)
- +5V DC Power Adapter (x1)



## Specifications

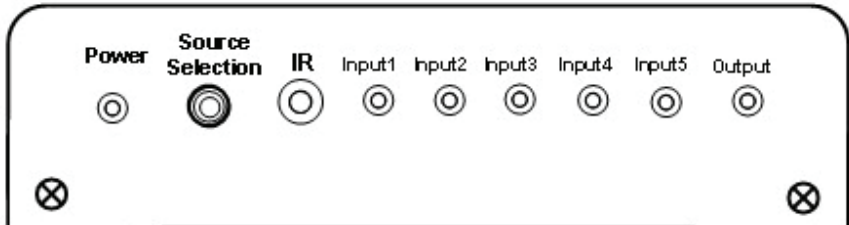
- HDMI Version: HDMI 1.3
- HDCP Version: HDCP 1.2
- HDMI Resolution: 24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
- Supports Video Format: 24-bit/Deep Color 30-bit, 36-bit
- Supports Audio Format: DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
- Max Bandwidth: 250 MHz
- Max Baud Rate: 7.5 Gbps
- Input/Output TMDS Signal: 0.5~1.5 Volts p-p (TTL)
- Input/Output DDC Signal: 5 Volts p-p (TTL)
- Input Cable Distance: ≤15m AWG26 HDMI 1.3 Standard Cable
- Output Cable Distance: ≤25m AWG26 HDMI 1.3 Standard Cable
- Max Working Current: 650mA
- Power Adapter Format (Input): AC (50-60Hz) 100V-240V
- Power Adapter Format (Output): DC 5V/1A
- Operating Temperature Range: (-15 to +55°C)
- Operating Humidity Range: 5 to 90%RH (No Condensation)
- Dimension (LxWxH): 115mm x 61mm x 25mm
- Weight: 190g

# INPUT/OUTPUT PANELS

## Front Side

### CONTROL PANEL

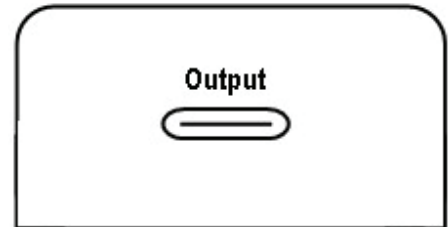
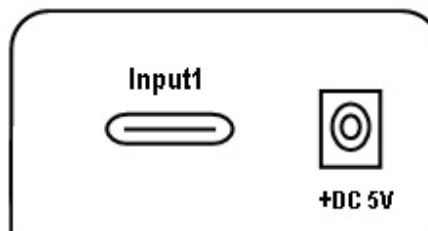
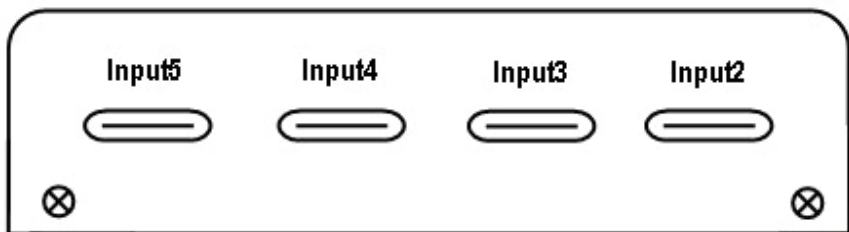
- Power Status LED
- Source Selection Button
- IR Receiver
- HDMI Input LEDs 1-5
- HDMI Output LED



## Back Side & Sides

### I/O PANELS

- DC 5V Power Supply
- HDMI Inputs 1-5
- HDMI Output



## Connections & Operation

### INSTALLATION

- Connect one HDMI cable from each HDMI source into ELE5X1SW HDMI Switcher inputs
- Connect one HDMI cable from display (monitor or projector) into the ELE5X1SW HDMI Switcher output
- Connect 5V Power Supply to the ELE5X1SW HDMI Switcher
- Use the IR remote or the Source Selection button to switch between sources

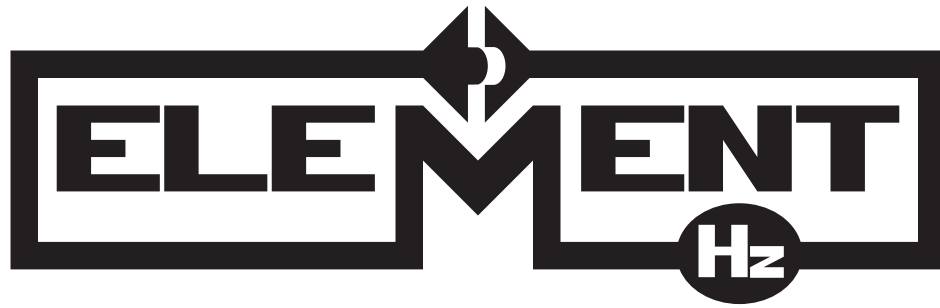
# NOTICE

## Performance Guidelines

- Be sure to use the product as directed to maximize the performance quality and the operational lifetime of your hardware.
- Be sure to place the device in a suitable environment. Do NOT place in damp, dusty, erosive, or oxidative areas. Keep out of high-temperature locations as well as any other extreme conditions.
- Be sure the hardware is safe and secure. Do NOT install in areas exposed to heavy motion or places that put the hardware at risk of falling.
- Do NOT touch the power adapter with wet hands.
- Do NOT pull on the power supply cord under any circumstance.
- Be sure to turn the power off when not in use.
- Do NOT open hardware, remove cover, or touch any parts within the device.
- For best result, be sure to use the factory supplied power adapter.
- Before powering on, be sure to check the connections carefully for accuracy.

## Troubleshooting

- No Power...First, double check the connections at both ends of the power supply. Also, be sure the power switch is in the on position.
- No Picture...First, make sure the display is powered on and that the devices are properly connected. Then, confirm the status of the source device is powered on and transmitting signal. If the problem persists, check the signal quality at each connection by testing each cable and each connection in the signal path. (NOTE: Cables should be HDMI V1.3 compliant.)
- Obscure Picture...First, try re-connecting the each cable to eliminate any poor connections. If the problem persists, check the signal quality at each connection by testing each cable and each connection in the signal path. (NOTE: Cables should be HDMI V1.3 compliant.)
- No Remote Control...Check the battery to make sure it is properly placed and working.



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**Designed & Manufactured by**



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