



Bringing Colors To Life!

8-Way HDMI Splitter 1 in / 8 out

Ultra
HD

1x8

18 Gbps

3D

1080p

4k2k
@60Hz



ELE4048

USER MANUAL

Introduction

The ELE4048 8-Way HDMI Splitter distributes one Ultra Hi-Def source to multiple Ultra HD displays simultaneously, without loss of quality or resolution. It works with any Ultra Hi-Def source and supports resolutions up to 4K x 2k @ 60Hz.

Features

01. One HDMI input signal split to multiple HDMI devices
02. Supports 4K x 2K @ 60Hz
03. Supports HDCP2.2
04. Supports HDR
05. Supports deep color 24bit, 30bit,36bit
06. Supports Blue-Ray 24/50/60fs/HD-DVD/xvYCC
07. Supports digital audio format DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
08. Supports signal retiming
09. Supports input up to 10m AWG26 HDMI standard cable length
10. Supports output up to 10m AWG26 HDMI standard cable length
11. No loss of quality
12. Installs in minutes
13. Includes DC5V/2A power supply

What's In The Box

01. 8-Way HDMI Splitter (1x8)
02. 5V Power Supply
03. User Manual

Installation

01. Connect one HDMI cable from the output of your HDMI source device to the input of the HDMI Splitter
02. Connect one HDMI cable from the output of your HDMI splitter to the input of each HDMI display
03. Connect the 5V power supply to the HDMI Splitter

Front Panel

ON/OFF
 SIGNAL
 Output LED
 Reset
 EDID Switch



Power ON / Power OFF

Red light indicates power is on, green light means HDMI input signal detected

L1,L2,L3,L4,L5,L6,L7,L8.

Light will be displayed once signal is outputting

Reboot the machine

SW			EDID	SW			EDID
1	1	1	Copy Out 1	0	1	1	Copy Out 2
1	1	0	1080P 2CH	0	1	0	4K 60Hz 2CH
1	0	1	3D 2CH	0	0	1	Out 1.2.3.4 Down
1	0	0	4K 30Hz 2CH	0	0	0	Out 1.2 Down

Back Panel

DC5V
 HDMI Input
 HDMI Output



5V power input

HDMI input

out1, out2, out3, out4, out5, out6, out7, out8

Specifications

HDMI resolution	4k x 2k @ 60Hz / 3D / 1080p / 1080i / 720p / 576p / 576i / 480p
Support video color format	24-bit, 30-bit, 36-bit
Support audio format	DTS-HD / Dolby-trueHD / LPCM7.1 / DTS / Dolby-AC3 / DSD
Max bandwidth	600 MHz
Max baud rate	18 Gbps
Input/Output TMDS signal	0.5~1.5Volts p-p(TTL)
Input/Output DDC signal	5 Volts p-p (TTL)
Input cable distance	≤10m AWG26 HDMI standard cable
Output cable distance	≤10m AWG26 HDMI standard cable
Max working current	600mA
Power adapter format input	AC (50HZ, 60HZ) :100V-240V
Power adapter format output	DC5V/1A
Operating Temperature range	(-15 to +55°C)
Operating Humidity range	5 to 90%RH (No Condensation)
Dimension (L x W x H)	10.9" x 5.3" x 1.1" (277mm x 135mm x 28mm)
Weight	710 g

Notes

Please use this device as instructed to prevent unnecessary damage or harm

01. Optimize storage/usage conditions. Do not place the device in a damp, high-temperature, dusty, erosive, and/or oxidative environment.
02. Handle with care. Do not drop, shake, or hit the device.
03. Keep away from water. Do not touch the power adaptor with wet hands.
04. Proper power cord usage. Do not disconnect the power cord by pulling the cable to remove the plug from the socket.
05. Be sure to turn the power off when the device is not in use.
06. Do not open the cover and/or touch the internal parts.
07. Be sure to use the included power adaptor.

Troubleshooting

Before powering on the device, please check the connections carefully and make sure that all cables are properly terminated. If you still experience issues, please use the following troubleshooting guide to help diagnose the problem.

Problem	Possible Solution
No Power	<ol style="list-style-type: none">1.) Make sure power cable is properly connected to the socket.2.) Make sure the power switch is turned on.
No Picture	<ol style="list-style-type: none">1.) Make sure the TV is powered on2.) Make sure the TV is properly connected to the device3.) Make sure the source device is powered on4.) Make sure the source device is properly connected5.) Make sure all connections are in good condition6.) Make sure all cables are in good condition7.) Make sure all the cables meet spec requirements
Obscure Picture	<ol style="list-style-type: none">1.) Try disconnecting and reconnecting cables2.) Ensure proper connection at each port3.) Make sure all cables are in good condition4.) Make sure all the cables meet spec requirements