

HDMI 1.4 Splitter 1x8 With EDID

User Manual

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.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

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1. Introduction

1×8 HDMI splitter distributes 1 HDMI source to 8 HDMI displays simultaneously. It offers HD video solution for super market, shopping Mall, HDTV/STB/DVD/Projector/DVR factory, data control center, information distribution, conference room presentation, education and training, corporation showroom, luxurious house, etc.

2. Features

- ✧ Split 1 HDMI input signal to 8 HDMI sink devices.
- ✧ HDCP 1.4 protocol compliant.
- ✧ 3D HDMI 1.4a video format support.
- ✧ 3D video support including Frame packing for all 3D formats up to a 297MHz TMDS clock.
- ✧ Support display resolutions up to 4K x 2K@30Hz, 1080P@120Hz, and 1080P 3D@60Hz.
- ✧ Support deep color 30bit, 36bit, 48bit per pixel.
- ✧ Digital audio format, as DTS-HD/Dolby-true-HD/LPCM 7.1/DTS/Dolby-AC 3/DSD.

3. Package Contents

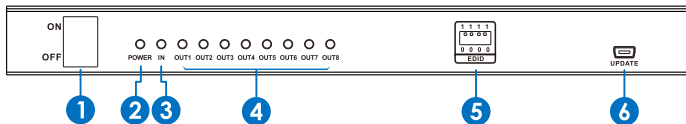
- ✧ 1 x HDMI Splitter
- ✧ 1 x 5V2A DC Power Supply adapter
- ✧ 1 x Operation Manual

4. Specifications

Technical	
HDMI Compliance	HDMI 1.4a
HDCP Compliance	HDCP 1.4
Frequency Bandwidth	297MHz[10.2Gbps]
Video Resolutions	480i@60Hz,480p@60Hz,576i@50Hz,576p@50Hz , 720p@50/60Hz,1080i@50/60Hz,1080p@24/30/50/60Hz, 4K@30Hz@8bit(YCbCr4:4:4), 4K@60Hz@8bit(YCbCr4:2:0);
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	30bit, 36bit, 48bit per pixel.
Digital audio format	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)
Connections	
HDMI Splitter Input Ports	1x HDMI Type A [19-pin female]
HDMI Splitter Output Ports	8x HDMI Type A [19-pin female]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	118 mm[W] x 250mm[D] x 32mm[H]
Weight	720g
Power Supply	DC 5V 2A
Power Consumption	10W (Max)
Operation Temperature	32 - 104°F / 0 - 40°C
Storage temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)

5. Operation Controls and Functions

5.1 Front Panel



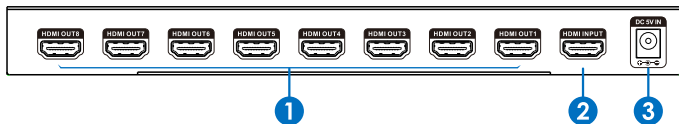
- 1 ON/OFF:** Power on/off switch.
- 2 POWER LED:** This red LED illuminates when the device is connected with power supply
- 3 INPUT LED:** This red LED illuminates when the HDMI signal plugs in.
- 4 OUTPUT LED:** These red LEDs illuminates when the TV plugs in corresponding HDMI output Port.
- 5 EDID Selector:** Select HDMI output signal format via EDID Selector

Position	EDID Description
0 0 0 0	Copy EDID from HDMI OUT1
0 0 0 1	1080p, 2CH AUDIO
0 0 1 0	1080p, DOLBY/DTS 5.1
0 0 1 1	1080p, HD AUDIO
0 1 0 0	1080i, 2CH AUDIO
0 1 0 1	1080i, DOLBY/DTS 5.1
0 1 1 0	1080i, HD AUDIO
0 1 1 1	3D,1080p, 2CH AUDIO

1 0 0 0	3D, 1080p,DOLBY/DTS 5.1
1 0 0 1	3D,1080p, HD AUDIO
1 0 1 0	4Kx2K, 2CH AUDIO
1 0 1 1	4Kx2K, DOLBY/DTS 5.1
1 1 0 0	4Kx2K, HD AUDIO
1 1 0 1	1080p, 2CH AUDIO
1 1 1 0	1080p, 2CH AUDIO
1 1 1 1	Auto Compare HDMI OUTPUT EDID

- 6 UPDATE:** System software update.

5.2 Rear Panel



- 1 HDMI OUTPUT:** These slots are where you connect the HDTV or monitor with HDMI cable.
- 2 HDMI INPUT:** This slot is where you connect the HDMI source output from DVD, PS3.
- 3 DC 5V :** Plug the 5V DC power supply into the unit and connect the adapter to AC wall outlet.

6. Connection Diagram

