

Model : ATZ HDMI-144E
Description: 4 Ports HDMI 1.4 Splitter W/ EDID



I. Introduction

1×4 HDMI splitter distributes 1 HDMI source to 4 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..

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II. Features

1. 1 HDMI input signal split to 4 HDMI sink devices.
2. HDCP 1.4 protocol compliant.
3. 3D HDMI 1.4a video format support.
4. 3D video support including Frame packing for all 3D formats up to a 297MHz TMDS clock.
5. Support display resolutions up to 4K x 2K@30Hz,1080P@120Hz,and 1080P 3D@60Hz.
6. Support deep color 30bit, 36bit, 48bit per pixel.
7. Digital audio format, as DTS-HD/Dolby-true-HD/LPCM 7.1/DTS/Dolby-AC3/DSD.

III. Package

- | | |
|---------------------------------------|-----|
| 1. HDMI Splitter ----- | 1PC |
| 2. 5V1A DC Power Supply adapter ----- | 1PC |
| 3. Operation Manual ----- | 1PC |

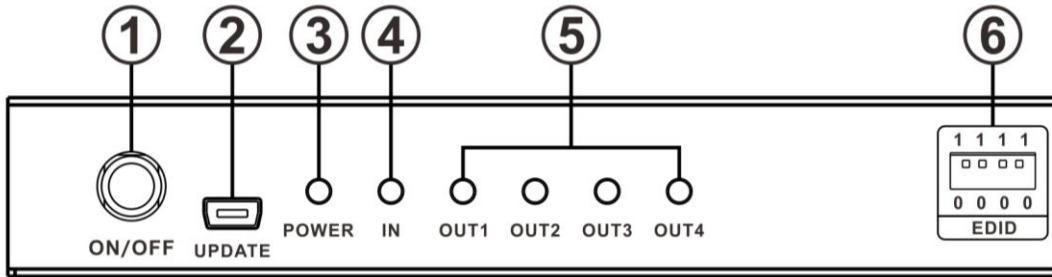
IV. Specifications

1. Frequency Bandwidth: 2.97Gbps
2. HDMI Splitter Input Ports: 1 x HDMI Female input port
3. HDMI Splitter Output Ports: 4 x HDMI Female output ports
4. Power Supply: DC 5V 1A
5. ESD Protection Human Body Model: $\pm 8\text{kV}$ (air-gap discharge)
 $\pm 4\text{kV}$ (contact discharge)
6. Dimensions (mm): 70(W) X 145 (D) X 25 (H)
7. Weight: 300g
8. Operating Temperature: 0°C ~ 40°C / 32°F ~ 104°F
9. Storage Temperature: -20°C ~ 60°C / -4°F ~ 140°F
10. Relative Humidity: 20 ~ 90% RH (Non-condensing)
11. Power Consumption (Max): 5W

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V. Operation controls and Functions

Front Panel



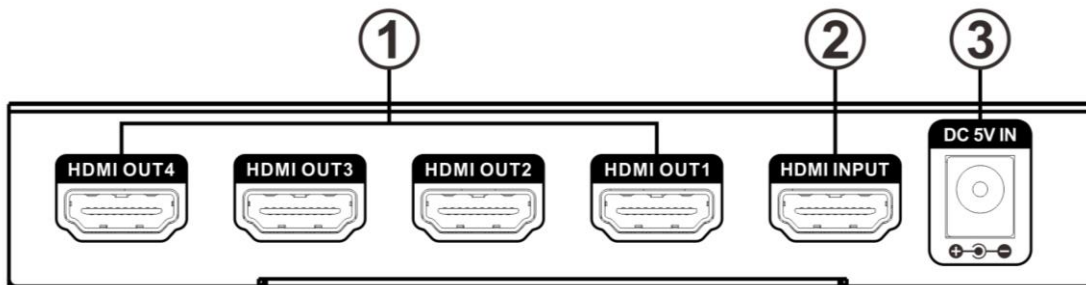
- 1. ON/OFF:** Power on/off switch.
- 2. UPDATE:** System software update.
- 3. POWER LED:** This red LED illuminate when the device is connected with power supply.
- 4. INPUT LED:** This red LED illuminate when the HDMI signal plug in.
- 5. OUTPUT LED:** These red LED illuminate when the TV plug in corresponding HDMI output Port.
- 6. 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

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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 OUT EDID

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.

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VI. Application Example

