

Model : ATZ HDMI-184E
Description: 8 Ports HDMI 1.4 Splitter W/ EDID



I. Introduction:

1-in-8-out 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..

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II. Features:

1. 1 HDMI input signal split to 8 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 ----- 1PCS
2. 5V2A DC Power Supply adapter ----- 1PCS
3. Operation Manual ----- 1PCS

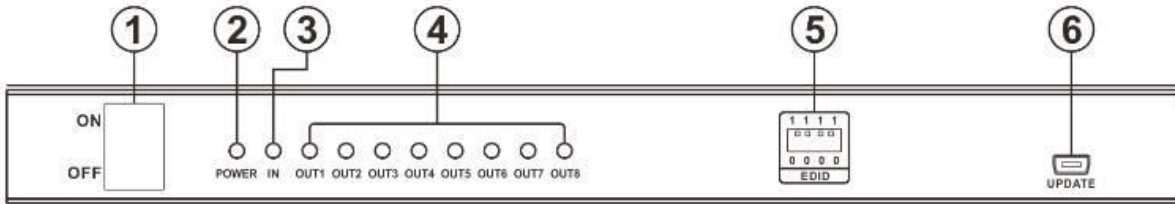
IV. Specifications:

Frequency Bandwidth	2.97Gbps
HDMI Splitter Input Ports	1 x HDMI Female input port
HDMI Splitter Output Ports	8 x HDMI Female output ports
Power Supply	DC 5V 2A
ESD Protection	Human Body Model: ± 8kV (air-gap discharge) ± 4kV (contact discharge)
Dimensions (mm)	118 mm(W) x 250mm(D) x 32mm(H)
Weight	720g
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20 ~ 90% RH (Non-condensing)
Power Consumption (Max)	10W

V. Operation controls and Functions:

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Front Panel



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

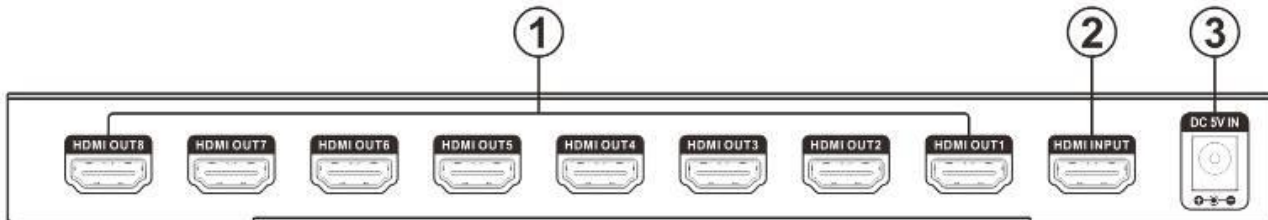
Position	EDID Description
0 0 0 0	Copy EDID from HDMI OUT1
0 0 0 1	1080p, 2CH AUDIO
0 0 1 0	1080p, DOLBY/DTS 5.1
0 0 1 1	1080p, HD AUDIO
0 1 0 0	1080i, 2CH AUDIO
0 1 0 1	1080i, DOLBY/DTS 5.1
0 1 1 0	1080i, HD AUDIO
0 1 1 1	3D,1080p, 2CH AUDIO
1 0 0 0	3D, 1080p,DOLBY/DTS 5.1
1 0 0 1	3D,1080p, HD AUDIO
1 0 1 0	4Kx2K, 2CH AUDIO
1 0 1 1	4Kx2K, DOLBY/DTS 5.1
1 1 0 0	4Kx2K, HD AUDIO

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1 1 0 1	1080p, 2CH AUDIO
1 1 1 0	1080p, 2CH AUDIO
1 1 1 1	Auto Compare HDMI OUT EDID

6. UPDATE: System software update.

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:

