

**Model** : ATZ HDMI-V2.1-2112  
**Description:** 2-to-1 HDMI 8K Switch with Dual View (Splitter)



This 8K two-Input Dual View HDMI Splitter not only allow switching of the two HDMI input signals, but it also distribute to two displays simultaneously. It supports video resolution up to 8K@60Hz 4:2:0. It works functionally as a splitter or a switcher, can be widely applied for presentation, video conference, multimedia purposes and other occasions requiring big-screen demonstration.

## Features:

- HDMI 2.1 and HDCP 2.3 compliant
- Support 40Gbps video bandwidth
- Support video resolution up to 8K@60Hz 4:2:0 10bit, 8K@30Hz 4:4:4 10bit, 4K@120Hz 4:4:4 10bit
- VRR, FVA, ALLM supported
- Support HDR, HDR10, HDR10+, Dolby Vision, HLG pass through
- Support HDMI audio formats: LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD

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- 2x2 Switch with Dual Output
- Built-in Equalizer, Retiming and Driver
- Advanced EDID management
- Support IR remote control and front panel button switching
- Compact design for easy and flexible installation

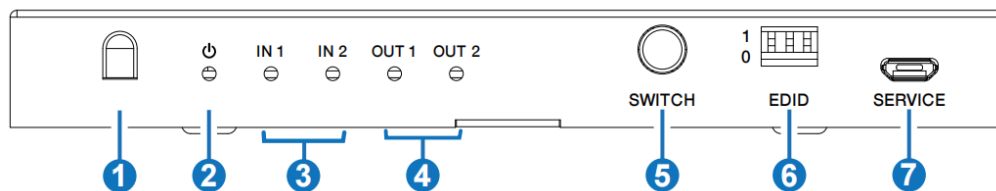
## Specifications:

Technical				
HDMI Compliance	HDMI 2.1			
HDCP Compliance	HDCP 2.3			
Video Bandwidth	40Gbps			
Video Resolution	Up to 8K@60Hz 4:2:0 10bit, 8K@30Hz 4:4:4 10bit, 4K@120Hz 4:4:4 10bit			
Color Depth	8/10/12-bit			
Color Space	RGB, YCbCr 4:4:4 / 4:2:2. YUV 4:2:0			
HDMI Audio Formats	LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD			
ESD Protection	Human body model — ±8kV (Air-gap discharge) & ±4kV (Contact discharge)			
Connection				
Input	2× HDMI IN [Type A, 19-pin female]			
Output	2× HDMI OUT [Type A, 19-pin female]			
Control	1× SERVICE [Micro USB, Update port]			
Mechanical				
Housing	Metal Enclosure			
Silkscreen Color	Black			
Dimensions	145mm (W) × 68mm (D) × 17mm (H)			
Weight	265g			
Power Supply	Input: AC100 - 240V 50/60Hz, Output: DC 5V/2A (US/EU standards, CE/FCC/UL certified)			
Power Consumption	6.15 W (Max)			
Operation 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)			
Recommended HDMI Cable				
Video Resolution	8K	4K60	4K24	1080P
HDMI Cable Type	Ultra HDMI 2.1	HDMI 2.0	HDMI 1.4	HDMI 1.4
HDMI Cable Length (HDMI IN / OUT)	3m/10ft	8m/26ft	12m/39ft	15m/49ft
The use of "Premium High Speed HDMI" cable is highly recommended.				

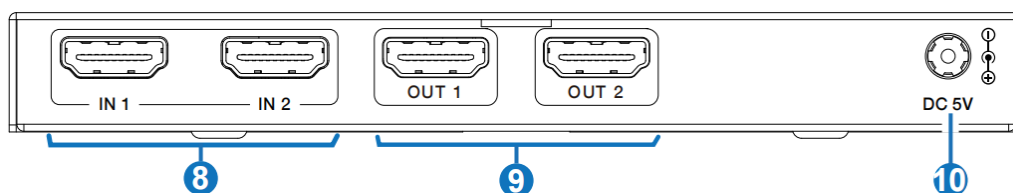
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## Operation Controls and Functions

### Front Panel



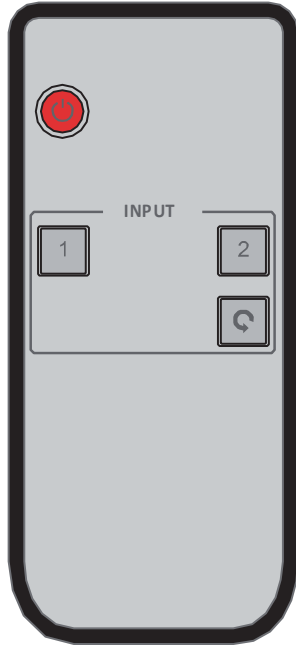
### Rear Panel



No.	Name	Function Description
1	IR Window	IR input signal receiving window.
2	POWER LED	The power LED lights in green when the device is working, and red when the device is in standby.
3	IN LED (1~2)	When the HDMI IN 1/2 port is selected as the signal source input channel, the corresponding green LED will be on.
4	OUT LED (1~2)	When the HDMI OUT 1/2 port connects a display device and outputs signal, the corresponding green LED will be on.
5	SWITCH	Used to select signal source. Pressing this button will allow the device to switch any of the two HDMI input signals and distribute it to two displays simultaneously.
6	EDID DIP switch	Use the DIP switch to set EDID. 111- Copy OUT1 port sink EDID (as factory default) 110- HDMI 1080p@60Hz, Audio 2ch PCM 101- HDMI 4K@60Hz 4:4:4, Audio 2ch PCM, HDR 100- HDMI 4K@60Hz 4:4:4, Audio 5.1ch PCM/DTS/DOLBY, HDR 011- HDMI 4K@60Hz 4:4:4, Audio 7.1ch PCM/DTS/DOLBY/HD, HDR 010- HDMI 8K@60Hz 4:2:0+8K@30Hz 4:4:4, 4K@120Hz 4:4:4, Audio 2ch PCM, HDR 001- HDMI 8K@60Hz 4:2:0+8K@30Hz 4:4:4, 4K@120Hz 4:4:4, Audio 5.1ch PCM/DTS/DOLBY, HDR 000- HDMI 8K@60Hz 4:2:0+8K@30Hz 4:4:4, 4K@120Hz 4:4:4, Audio 7.1ch PCM/DTS/DOLBY/HD, HDR
7	SERVICE	Firmware update and debug port.
8	IN (1~2) port	HDMI signal input port, connecting to HDMI source device such as DVD or PS5 with an HDMI cable.
9	OUT (1~2) port	HDMI signal output port, connecting to HDMI display device such as TV or Monitor with an HDMI cable.
10	DC 5V	DC 5V/2A Power input port.


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## IR Remote



 : Power on the product or set it to standby mode

**1/2** : Press 1/2 button to select HDMI signal source IN 1/2 to the corresponding OUT 1/2 port

 : Press this button to cyclically switch HDMI signal source IN 1/2 to the corresponding OUT 1/2 port

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### System Requirement:

Windows XP / Vista / 7 / 8 / 10 / 11, Mac OS and above

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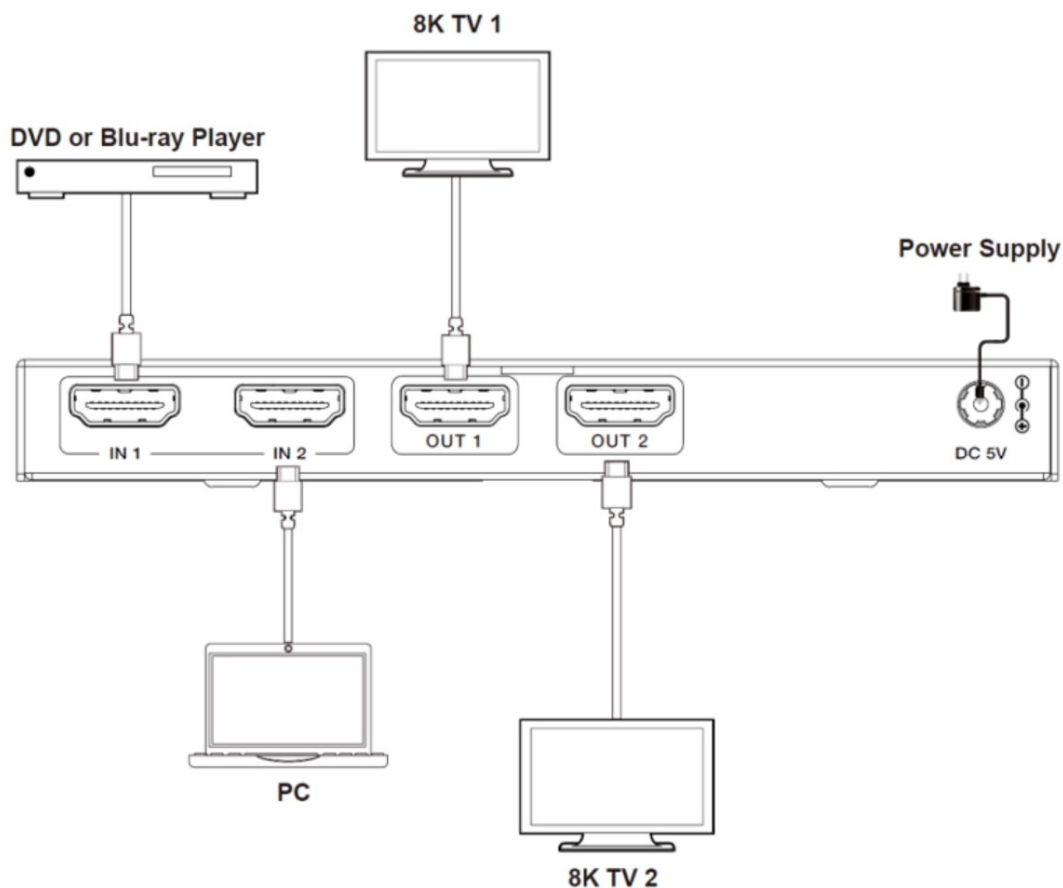
### Package Contents :

1× 8K Two-Input Dual View HDMI Splitter  
1× IR Remote  
1× 5V/2A Multinational Power Supply  
1× User Manual

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## Product Diagram:



## Warranty: 2 Years

Warranty is effective from the date of original delivery.

This warranty shall be void if a serial number has been removed from the product.



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