

Model : ATZ HDMI-424A

Description : 4X2 HDMI1.4b Matrix Switch 4K2K@50/60Hz 4:2:0, HDCP2.2+AUDIO



The 4x2 HDMI Matrix simultaneously four routes HDMI sources to two HDMI displays. It supports resolution up to 4K2K@50/60Hz YCbCr 4:2:0 and HDCP 2.2. This product supports audio extract from output A or output B port to

optical and analog output and can be selected AUTO, COPY and STD modes EDID control. Flexible control through on-panel buttons, IR remote control.

Features:

- HDMI 1.4b, HDCP2.2/HDCP1.4 and DVI 1.0 compliant.
- Supports HDMI resolution the maximum up to 4K2K@50/60Hz (4:2:0).
- Supports digital and analog audio extract output from output A or output B.
- EDID can be selected AUTO, COPY and STD mode via selector on panel.
- Supports analog audio PCM 2.0.
- Supports optical audio pass-through format including LPCM 2.0/2.1CH, Dolby 5.1, Dolby True HD, Dolby DD+, DTS 5.1, DTS-ES 6/DTS-HDMA 5.1, DTS HD-HRA 5.1.
- Control is via on-panel Button and IR remote control.

Specifications:

Technical	
HDMI Compliance	HDMI 1.4b
HDCP Compliance	HDCP 2.2 and HDCP 1.4

Model : ATZ HDMI-424A

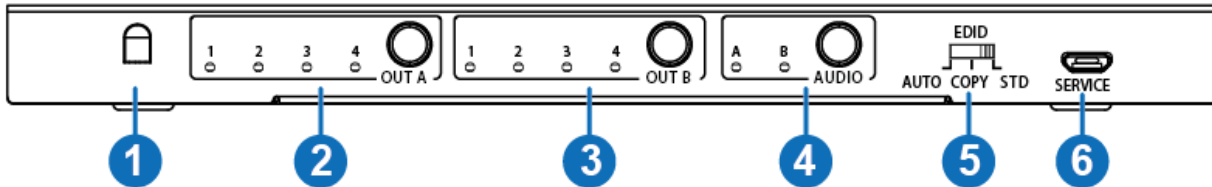
Description : 4X2 HDMI1.4b Matrix Switch 4K2K@50/60Hz 4:2:0, HDCP2.2+AUDIO

Video Bandwidth	297Mbps
Video Resolutions	480P@60Hz, 720P@60Hz, 1080P@60Hz, 1080P 3D@60Hz, 4K24/30Hz, 4K2K@50/60Hz (4:2:0)
Color Depth	8-bit, 10-bit, 12-bit
Color Space	RGB/YCbCr 4:2:0, YCbCr 4:4:4, YCbCr 4:2:2
HDMI Audio Formats	PCM2.0/5.1/7.1CH, Dolby 5.1, DTS5.1, Dolby-TrueHD, DTS-HD
L/R Audio Formats	Analog stereo 2CH
Optical Audio Formats	LPCM[2.0/2.1]CH, Dolby 5.1, Dolby True HD, Dolby DD+, DTS 5.1, DTS-ES 6, DTS-HDMA 5.1, DTS HD-HRA 5.1
ESD Protection	Human-body Model: ±8kV (Air-gap discharge) , ±4kV (Contact discharge)
Connections	
Input ports	4×HDMI Type A [19-pin female] 1×IR Receiver Window
Output ports	2×HDMI Type A [19-pin female] 1×L/R Audio out [3.5mm Stereo Mini-jack] 1×Optical out [S/PDIF]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	200mm(W)×80mm(D)×16mm(H)
Weight	328g
Power Supply	Input: AC100~240V 50/60Hz, Output: DC5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	2W (max)
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)

Model : ATZ HDMI-424A

Description : 4X2 HDMI1.4b Matrix Switch 4K2K@50/60Hz 4:2:0, HDCP2.2+AUDIO

Front Panel

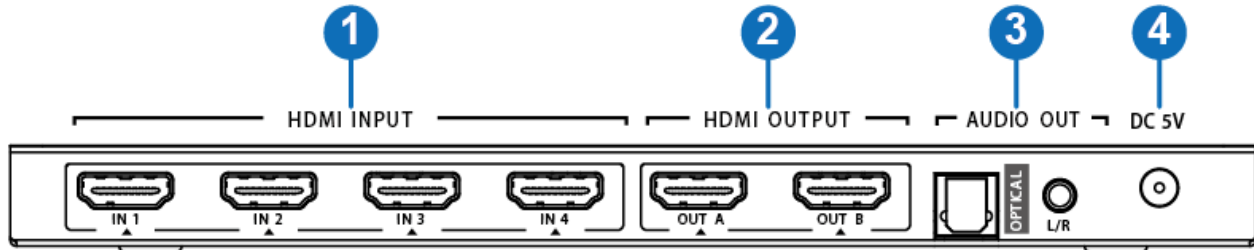


No.	Name	Function description
1	IR	IR receiver window
2	OUT A button	Select the OUT A port input channel, corresponding the light is on.
3	OUT B button	Select the OUT B port input channel, corresponding the light is on.
4	AUDIO button	Select audio channel button. When the A light is on, audio extract output from OUT A. When the B light is on, audio extract output from OUT B.
5	EDID selector	AUTO: When selector is dialed the AUTO, it will compare OUT A and OUT B EDID setting and outputs the lowest resolution to source devices, the source devices will transmit again the signal to all HDMI outputs. COPY: When selector is dialed the COPY, the unit will copy the EDID setting of the HDMI OUT A display device to source devices, the source devices will transmit again the signal to all HDMI outputs. If the HDMI OUT A display device EDID can not be copyed, the source devices will send default 1080P to all HDMI outputs. STD: When selector is dialed the STD, the source devices will transmit fixation 4K30 EDID to all HDMI outputs.
6	SERVICE	Fireware update used. (Manufacturer use only.)

Model : ATZ HDMI-424A

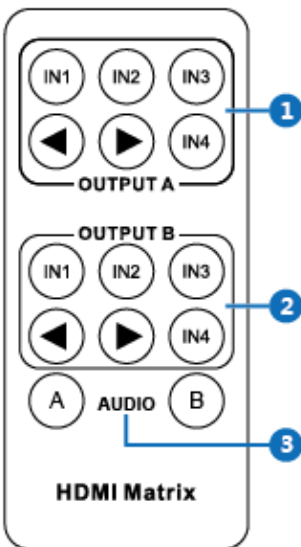
Description : 4X2 HDMI1.4b Matrix Switch 4K2K@50/60Hz 4:2:0, HDCP2.2+AUDIO

Rear Panel



No.	Name	Function description
1	HDMI INPUT	Connect to HDMI sources device such as DVD player or PS4.
2	HDMI OUTPUT	Connect to HDMI display device such as TV or monitor.
3	AUDIO OUT	OPTICAL: Optical audio output. L/R: Analog audio output.
4	DC 5V	DC 5V power supply interface.

Remote Control



- ① IN1/IN2/IN3/IN4: Selects the OUTPUT A port input channel, corresponding on-panel light is on.
◀▶: Selects the OUTPUT A port last or next input channel, corresponding on-panel light is on.
- ② IN1/IN2/IN3/IN4: Selects the OUTPUT B port input channel, corresponding on-panel light is on.
◀▶: Selects the OUTPUT B port last or next input channel, corresponding on-panel light is on.
- ③ Press the A button and audio extract output from OUT A port, corresponding on-panel light is on. Press the B button and audio extract output from OUT B port, corresponding on-panel light is on.

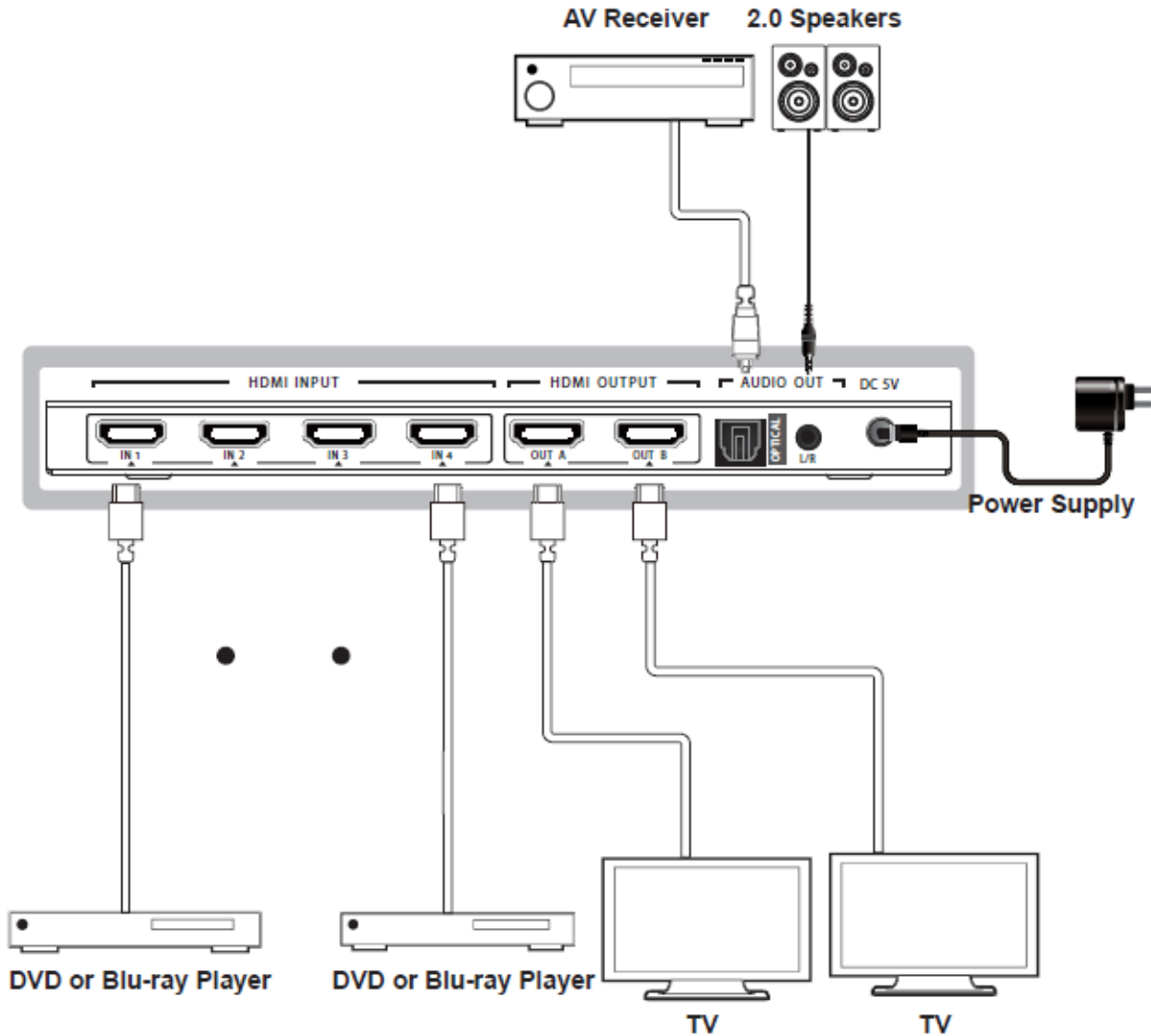
Model : ATZ HDMI-424A

Description : 4X2 HDMI1.4b Matrix Switch 4K2K@50/60Hz 4:2:0, HDCP2.2+AUDIO

Package Includes:

- 1× 4×2 HDMI Matrix with Audio Extract
- 1× 5V/1A Power Adapter
- 2× Mounting Ears
- 1× Matrix IR Remote Control
- 1× User Manual

Product Diagram:



Model : ATZ HDMI-424A

Description : 4X2 HDMI1.4b Matrix Switch 4K2K@50/60Hz 4:2:0, HDCP2.2+AUDIO

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.