STR942A-HDM

This is a high performance HDMI Matrix with four HDMI inputs & two outputs, it allows any source (Blue-Ray player, HD DVD player, satellite receiver, game system, etc.) to be shown on the any of the two displays simultaneously, and supports 4K×2K, 3D, 12-bit Deep Color. With its 3Gbps bandwidth and the additional features of the latest HDMI standards you can be sure of great HDMI distribution.

Features:

> Support display resolutions up to 4K x 2K@30Hz,1080P@120Hz, and 1080P 3D@60Hz

> 3D HDMI 1.4a video format support.

> 3D video support including Frame packing for all 3D formats up to a 297MHz TMDS clock.

> Supports deep color up to 48-bit per pixel.

> HDCP 1.4 support (INPUT), HDCP v1.4a protocol compliant (OUTPUT).

> Supports the reception of any audio data conforming to the HDMI specification 1.4 such ad L-PCM at up to 192kHz, compressed audio(IEC 61937),DSD,DST,DTS and HBR

> Full colorimetry including sYCC601,Adobe RGB,Adobe YCC601, xvYCC extended gamut color

> Operates for TMDS clock frequencies up to 300MHz

> Supports EDID control via EDID Selector.

Specifications:

1pc HDMI Matrix +1pc 5V1A DC Power Supply adaptor+1pc Remote Controller

Frequency Bandwidth: 2.97Gbps

Input Ports: 4 x HDMI Female input ports

Output Ports: 2 x HDMI Female output ports

Power Supply: DC 5V 1A

ESD Protection Human Body Model: ± 8kV (air-gap discharge) ± 4kV (contact discharge)

Dimensions (mm): 85(W) X 192 (D) X 26 (H)
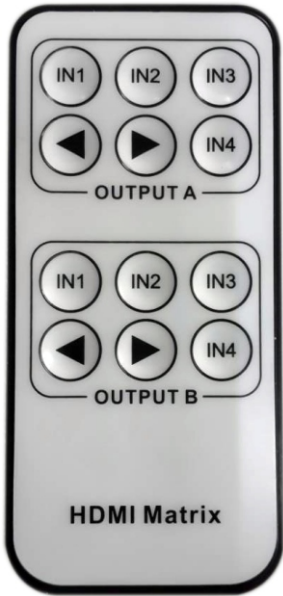
Weight(g): 450

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)
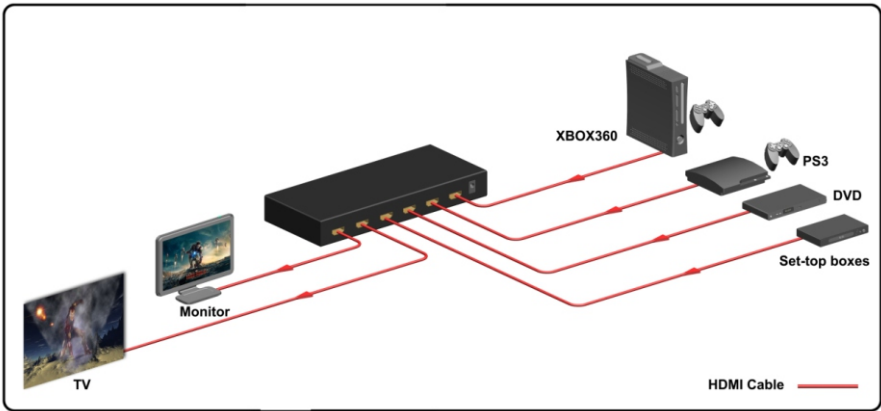
Power Consumption (Max): 5W

Remote control

OUTPUT A: Press IN1\IN2\IN3\IN4 button will fast switch to select input source to HDMI OUTPUT A, and the LED will indicate the corresponding input source. Press

OUTPUT B: Press IN1\IN2\IN3\IN4 button will fast switch to select input source to HDMI OUTPUT B, and the LED will indicate the corresponding input source. Press
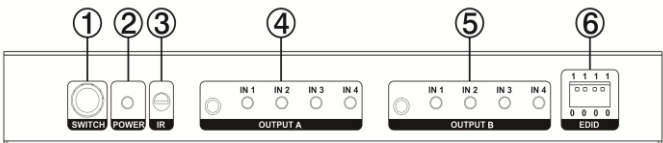
Application Example:

With EDID Control
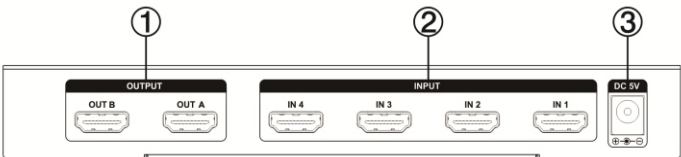## HDMI Matrix 4x 2

Operation controls and Functions:

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**IR IN:** Remote control signal receive.

④**OUTPUT A:** Press this button to select input sources to HDMI OUT A,and the LED will indicate the corresponding input source.

⑤**OUTPUT B:** Press this button to select input sources to HDMI OUT B,and the LED will indicate the corresponding input source.

⑥**EDID Selector:** Select HDMI output signal format via EDID Selector.

Number	EDID Selector	Description
1	0000	1080P,Stereo Audio 2.0
2	0001	1080P,Dolby/DTS 5.1
3	0010	1080P,HD Audio 7.1
4	0011	1080I,Stereo Audio 2.0
5	0100	1080I,Dolby/DTS 5.1
6	0101	1080I,HD Audio 7.1
7	0110	3D,Stereo Audio 2.0
8	0111	3D,Dolby/DTS 5.1
9	1000	3D,HD Audio 7.1
10	1001	4K2K,Stereo Audio 2.0
11	1010	4K2K,Dolby/DTS 5.1
12	1011	4K2K,HD Audio 7.1
13	1100	Reserve
14	1101	Reserve
15	1110	Reserve
16	1111	Auto mode(default)

Rear Panel

①**HDMI OUTPUT:** These slots are where you connect the HDTV or monitor with HDMI cable.

②**HDMI INPUT:** These slots are where you connect the HDMI source output from DVD, PS3.

③**DC IN:** Plug the 5V DC power supply into the unit and connect the adaptor to AC wall outlet.