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HDMI True Matrix

HDMI 18Gbps True Matrix 4x2

AHDMX-V2042



PRODUCT DESCRIPTION

The 4x2 HDMI Matrix can use four HDMI sources to four HDMI sinks.

The matrix allows four HDMI devices to be switched or split easily to four HDMI compatible monitors or projectors.

The Matrix can also be placed at the end of a long HDMI cable to regenerate the HDMI signal

PRODUCT KEY FEATURES

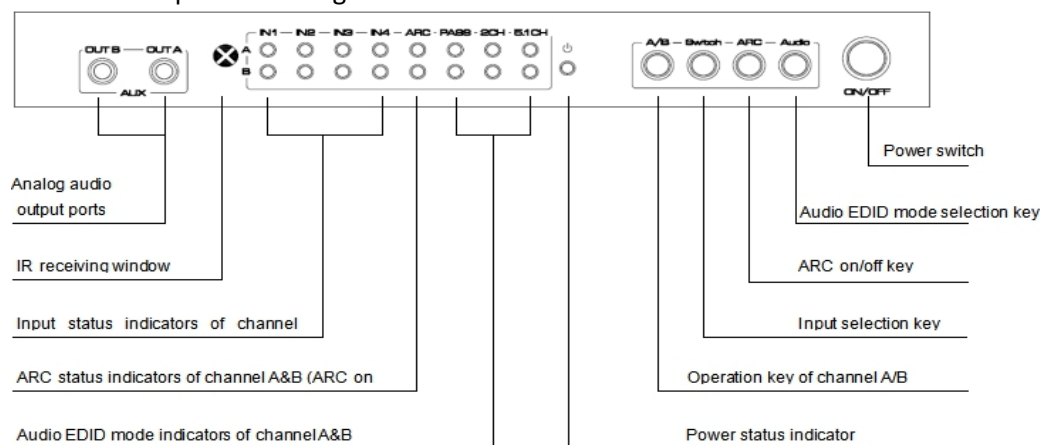
- Four HDMI input signals switched or split to four HDMI sink devices
- Support CEC
- Support deep color 30bit, 36bit
- Support Blue-Ray 24/50/60fs/HD-DVD/xvYCC
- Digital audio format, as DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD

SPECIFICATIONS

Input ports	HDMIx4
Output ports	HDMIx2, Opticalx2, AUX x2
Video format	480i/480P/576i/720P/1080i/1080P/2160P (Supports HDR/Dolby Vision)
Deep color	8/10/12Bit@480P/720P/1080P 8Bit@2160P
Audio format	Dolby HD/DTS HD/Dolby Atoms/Dolby AC3/DTS/LPCM Etc.
Transmission bandwidth	25~600MHz
Transmission rate	0.75~18Gbps
Analog output level	2V RMS (1kHz@0dB)
Input cable length	2160P/AWG 26 $\leq$ 4m ; 1080P/AWG 26 $\leq$ 10m
Output cable length	2160P/AWG 26 $\leq$ 5m ; 1080P/AWG 26 $\leq$ 12m
Power adapter specification	Input: AC 100~240V Output: DC 5V/1A
Max working current	500mA
Working temperature range	-5 ~ +40℃
Working humidity range	5 to 85%RH (No Condensation)
Storage temperature	-15 to 55℃
Storage humidity	5 ~95%RH(No Condensation)
Size	250x75x30 (mm)
Weight	440g
Accessories	Manual, Remote, Power Adaptor

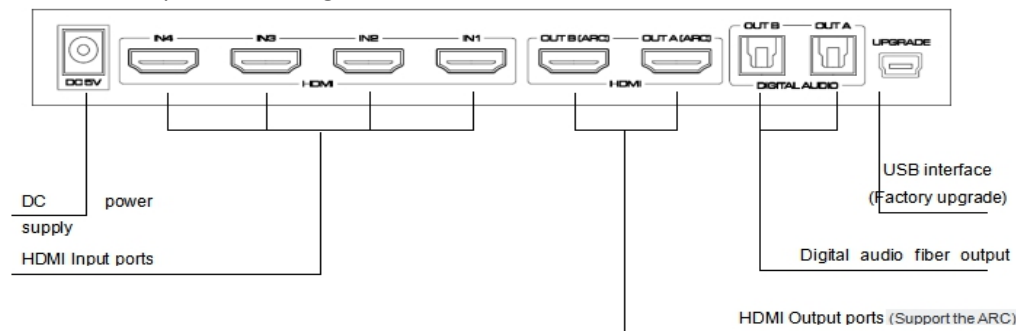
FEATURES OF THE INTERFACE:

Picture 1.0 front panel showing:

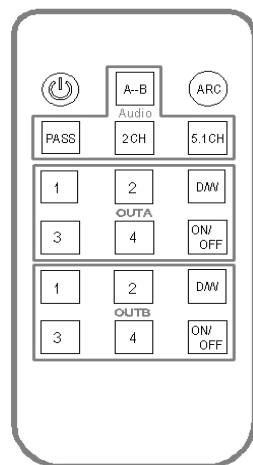


Note: A/B corresponds to both A and B output ports

Picture 1.1 rear panel showing



Picture 1.2 IR panel showing and function introduction



Remote keys	Panel keys	Functional description
	/	Power standby on/off button
A-B	Press A/B key	Select all keys to works on groups A or B. All LEDs in the selected group will blink 3 times when the key is pressed.
ARC	Press ARC key	ARC turn on / turn off. ARC LED will light up when ARC function is turn on.
PASS	Press AUDIO key	Audio EDID PASS mode. The audio output format is determined by the EDID information of the HDMI output connected equipment. The Fiber and AUX may have no sound output.
2CH		Audio EDID 2CH mode. Priority output stereo audio in this mode.
5.1CH		Audio EDID 5.1CH mode. Priority output 5.1 channel bit stream in this mode. The analog output ports have no output now.
1/2/3/4	Press SWITCH key	Input source selection of A/B output channel.
D/W	Press SWITCH key more than 3 seconds	HDMI1.4 compatibility mode turn on/off Try to turn on this mode when there is a problem using both HDMI1.4 signal source and HDMI2.0 TV. When turned on, the 5 LEDs in group A/B will flash 4 times at the same time, and flash twice when turned off
ON/OFF	/	HDMI A/B output port enabled or disabled. When disabled, all LEDs in the relevant group will off.

* Please take out the film at the rear of the remote before you use.
Please insert the film to remote rear if you do not use the remote for long time.

Connection and operation:

