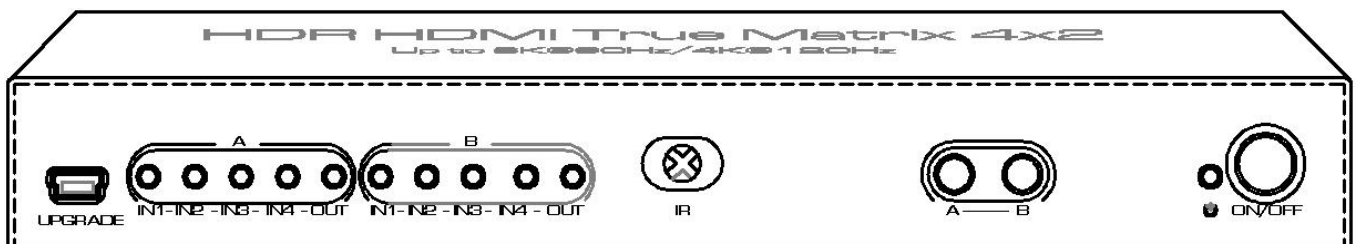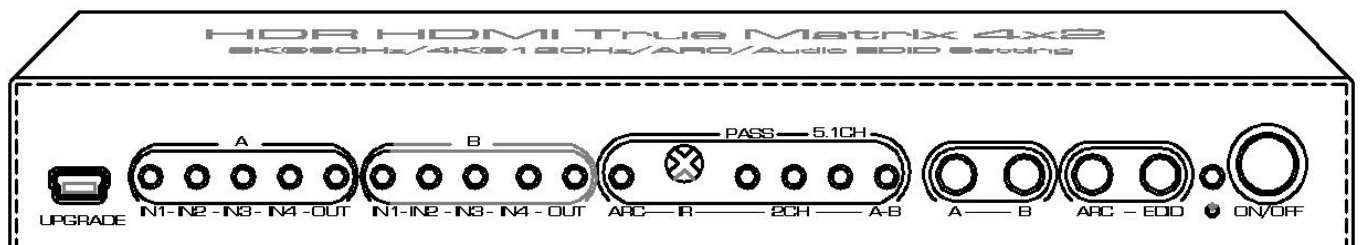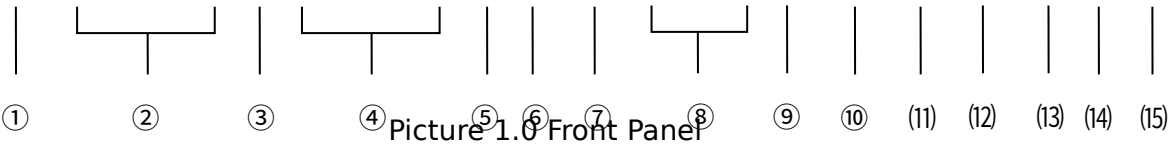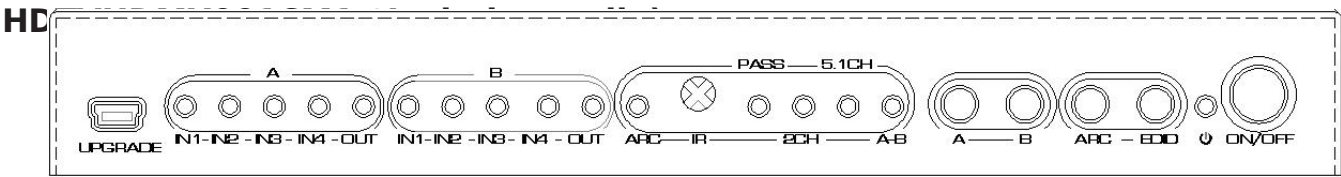# User Manual

WolfPack 8K 4x2 HDMI Matrix Switch

MODEL No. HDTVHDMX0016M1 (Includes separate audio)

HDTVHDMX0017M1 (No audio)

# WolfPack 8K 4x2 MATRIX FEATURES:

HD

Picture 1.0 Front Panel

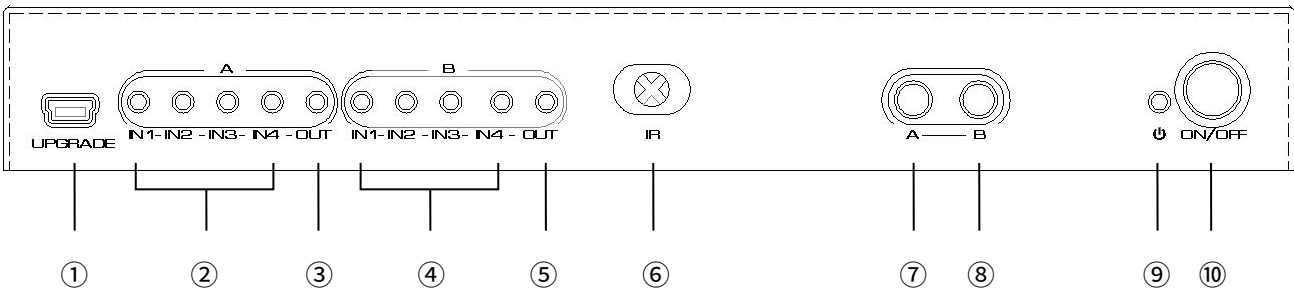| No.	Description	Introduction
①	Mini USB port	Only for factory upgrade
②	HDMI input indicators for channel A	The selected input channel indicator will light up.
③	HDMI output indicator for channel A	Lit when HDMI OUT A has signal output.
④	HDMI input indicators for channel B	The selected input channel indicator will light up.
⑤	HDMI output indicator for channel B	Lit when HDMI OUT B has signal output.
⑥	ARC status indicator	Lit when ARC on.
⑦	IR receiving window	Receive the commands sent by the infrared remote control.
⑧	EDID mode indicators	Include three audio EDID modes: PASS/2CH/5.1CH
⑨	Audio source channel indicator	Lit when Audio output is to HDMI OUT A. Light is off is to HDMI OUT B.
⑩	Input selection key of channel A	Loop to select the input channel of HDMI OUT A
(11)	Input selection key of channel B	Loop to select the input channel of HDMI OUT B
(12)	ARC on/off key	HDMI ARC (Audio return channel) function on/off.
(13)	EDID mode selection key	Supports three audio EDID mode switching: PASS/2CH/5.1CH.
(14)	Power status indicator	Lit when power on.

(15)	Power switch	Power self - lock switch, turn on when pressed, turn off when pressed.
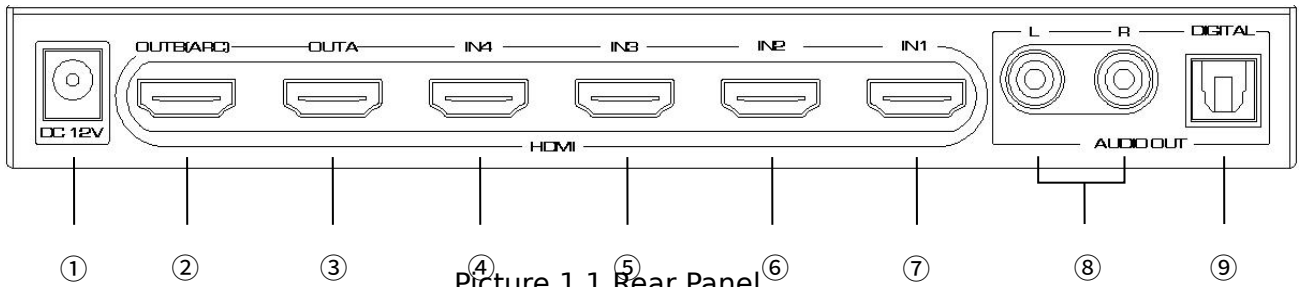
Picture 1.1 Rear Panel

No.	Description	Introduction
①	Power jack	Requires 6-12V power supply
②	HDMI output port B	Connects to monitor with HDMI port. This port also supports ARC.
③	HDMI output port A	Connects to monitor with HDMI port
④	HDMI input port 4	Connects to your source device by WolfPack 8K HDMI cable.
⑤	HDMI input port 3	Connects to your source device by WolfPack 8K HDMI cable.
⑥	HDMI input port 2	Connects to your source device by WolfPack 8K HDMI cable.
⑦	HDMI input port 1	Connects to your source device by WolfPack 8K HDMI cable.
⑧	Analog audio ports	Synchronized output stereo analog audio which contains left and right channels.
⑨	Digital audio port	Synchronized output digital audio by fiber optic.

# HDTVHDMX0017M1（**No audio**）

Picture 1.2 Front Panel

No.	Description	Introduction
①	Mini USB port	Only for factory upgrade
②	HDMI input indicators for channel A	The selected input channel indicator will light up.

|		
③	HDMI output indicator for channel A	Lit when HDMI OUTA has signal output.
④	HDMI input indicators for channel B	The selected input channel indicator will light up.
⑤	HDMI output indicator for channel B	Lit when HDMI OUT B has signal output.
⑥	IR receiving window	Receive the commands sent by the infrared remote control.
⑦	Input selection key of channel A	Loop to select the input channel of HDMI OUT A
⑧	Input selection key of channel B	Loop to select the input channel of HDMI OUT B
⑨	Power status indicator	Lit when power on.
⑩	Power switch	Power self - lock switch, turn on when pressed, turn off when pressed.
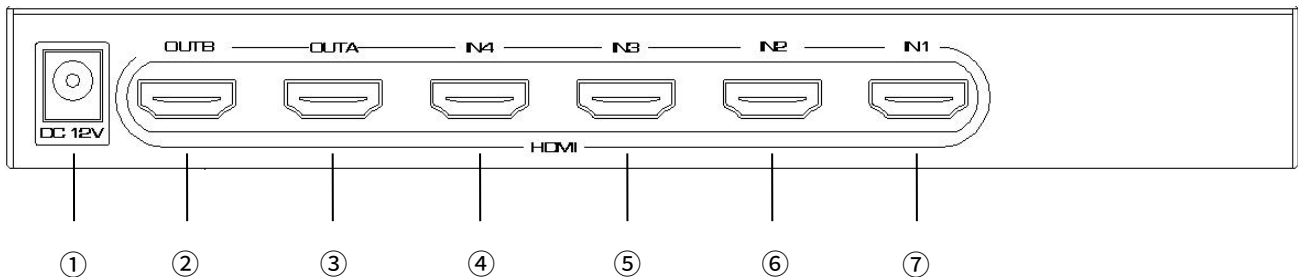
Picture 1.3   rear panel showing

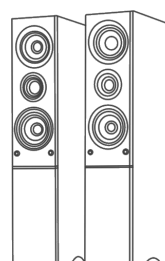| No.	Description	Introduction
①	Power jack	Requires 6-12V power supply
②	HDMI output port B	Connects to monitor with HDMI port. This port also supports ARC.
③	HDMI output port A	Connects to monitor with HDMI port
④	HDMI input port 4	Connects to your source device by WolfPack 8K HDMI cable.
⑤	HDMI input port 3	Connects to your source device by WolfPack 8K HDMI cable.
⑥	HDMI input port 2	Connects to your source device by WolfPack 8K HDMI cable.
⑦	HDMI input port 1	Connects to your source device by WolfPack 8K HDMI cable.

Picture 1.4 IR panel showing and function introduction
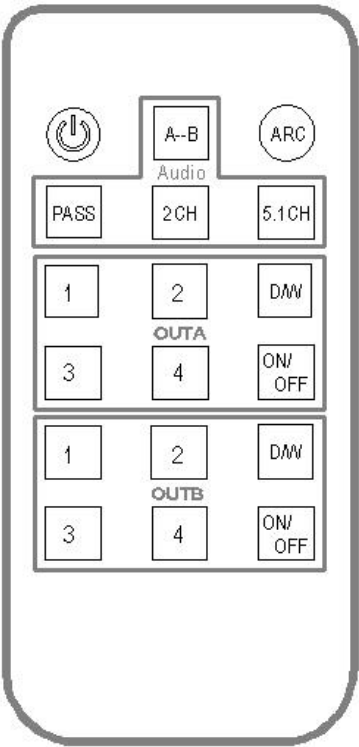
Remote keys	Panel keys	Functional description
⏻	/	Power standby on/off button
A-B	Press AUDIO key more than 3 seconds	Select A/B for the audio output source channel
ARC	Press ARC key	ARC turn on / turn off
PASS	Press AUDIO key	Audio EDID PASS mode. The audio output format is determined by the EDID information of the TV.
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 A/B key	Input source selection of A/B output channel.
D/W	Press A/B 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

* 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.

WolfPack 8K 4x2 HDMI Matrix Switch Connection and Operation:

Power amplifier

HDTV   HDTV

Audio fiber cable

RCA audio cable

8K HDMI Cable   8K HDMI Cable

HDTVHDMX0016M1/HDTVH

POWER
SUPPLY

8K HDMI Cable   8K HDMI Cable

8K HDMI Cable   8K HDMI Cable

PS5   Xbox X   Nvidia   Cable Box
                                3070/3080/3090
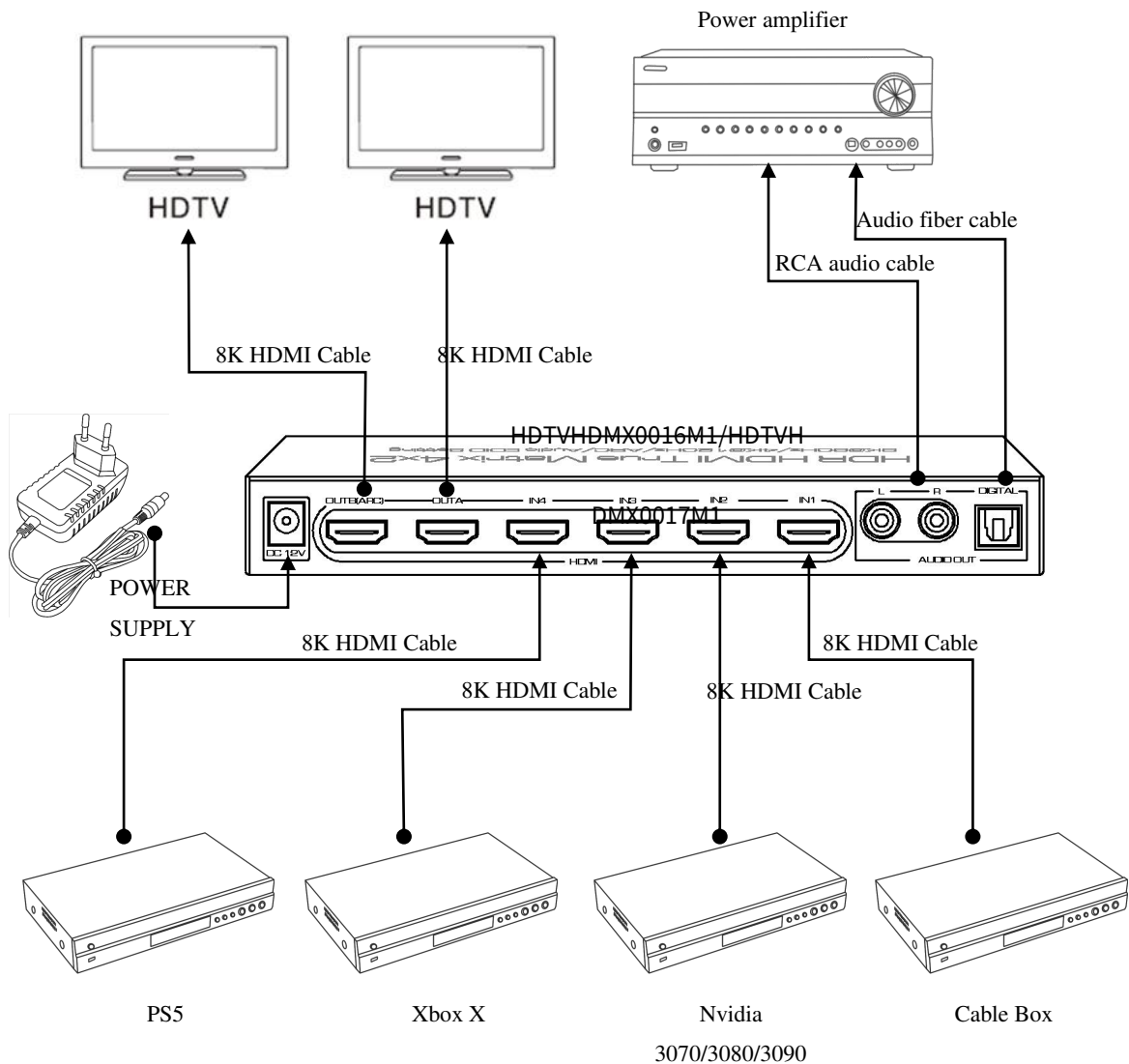
NOTE:

1. Please use 8K HDMI cables and connect the cables before powering the equipment.

2. In the matrix mode (In this mode, the outputs of A and B are different), output ports A and B cannot output 8K signals at the same time. Only one group is allowed to output 8K and the other group output 4K or less.

3. The product has power off memory function. The setting state of the output channel is recorded and saved. After the power is off, the saved data will be automatically retrieved for configuration.

4. The optional AUDIO OUT is a set of multiplexed ports that allows you to select HDMI

OUT A & B sounds by using the "A-B" key.

5.   The Audio EDID mode selection is also available for multiplexing. When the audio source selects channel A, the audio EDID mode is valid for channel A. When the audio source selects channel B, the audio EDID mode is valid for channel B.

6.   Analog audio can only be outputted when the audio format is LPCM, so choose the EDID mode in 2CH mode when using the analog audio output.

7.   If you want to use ARC or CEC, you must connect the TV to the OUTA port. Before using ARC, make sure your TV HDMI port supports ARC and the ARC have been turned on.

WolfPack 8K 4x2 HDMI MATRIX SWITCH SPECIFICATIONS:

Model No.	HDTVHDMX0016M1 (Includes separate audio) HDTVHDMX0017M1 (No separate audio)
Model name	8K HDR 4x2 HDMI True Matrix Switch
Input ports	4–HDMI
Output ports	2–HDMI RCAX2, Optical X1 (Only for HDTVHDMX0016M1)
Video format	480p/720p/1080p/2160p@24/25/30/50/60/100/120Hz Up to 4320p@50/60Hz. Supports HDR & Dolby Vision
Deep color	8/10/12/16Bit@2160p 8/10bit@4320p
Audio format	Dolby HD/DTS HD/Dolby Atmos/Dolby AC3/DTS/LPCM Etc.
Transmission bandwidth	1200MHz Max.
Transmission rate	48Gbps Max.
IR distance	≤5m
Input cable length	2160P/AWG 26 ≤5m ; 1080P/AWG 26 ≤10m
Output cable length	2160P/AWG 26 ≤5m ; 1080P/AWG 26 ≤12m
Power adapter specification	Input: AC 100~240V Output: DC 12V/1.5A
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

YOUR NOTES: