

U S E R M A N U A L

HDR HDMI 4X1 & Audio Extractor

(4K@60Hz/UHD/ARC/ EDID setting)

Model No: AA6067

Enjoy the vivid world!

INTRODUCTION

Dear customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Our series of HDMI Converter, switchers, extenders, matrixes and splitters are designed to make your A/V device use more convenient, more comfortable, more productive and more cost-efficient.

The HDR HDMI 4X1 Audio Extractor can switch any one of the four HDR HDMI Input signals to one HDR HDMI Output and one HDMI Output for audio only, plus it can do audio extract at the same time by one Toslink Audio Output port and one Headphone Audio Output port. The device can solve the compliance problem between the old AV receiver and the new HDR Source to let your AV equipment become convenient and easier use.

Our devices offer solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

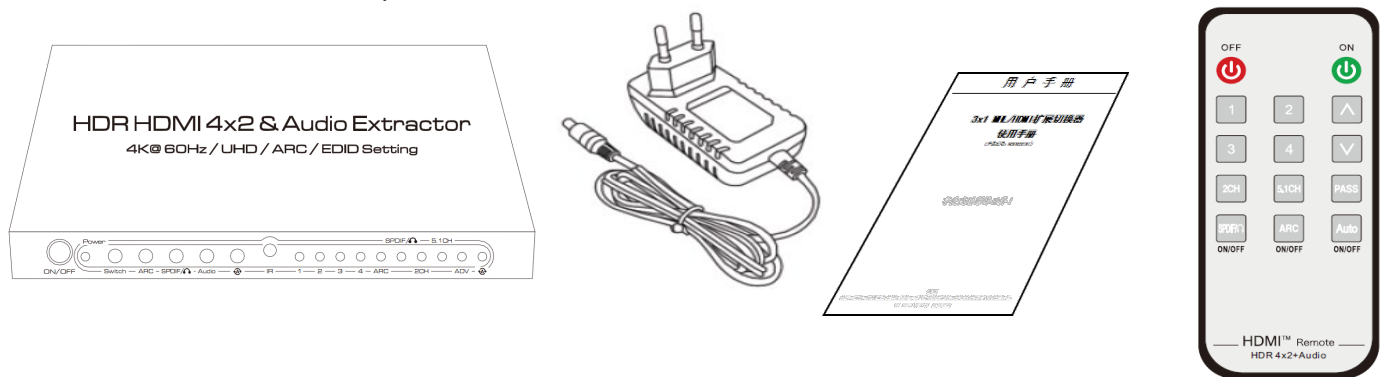
FEATURES

- Four HDR HDMI Input signal switch to one HDR HDMI Output and one HDMI Output(Audio only)
- Support 4K@60Hz UHD signal input and output(only output channel A) and HDR Function
- Any input HD Source can do audio extract by the SPDIF or L/R audio output port.
- HDMI out port B can support Dolby-HD, DTS-HD, LPCM 7.1 high quality audio format.
- Digital audio port of Toslink can support 192Khz Sampling Rate(LPCM2.0 Audio Format), also can support LPCM 2.0, Dolby-AC3, DTS audio output.
- HDMI to achieve the synchronization of audio signal separation. There are 2.0、 5.1、 PASS three kinds of audio mode options
- Support ARC, it can return the TV Audio to output by one Headphone port (only for the ARC audio source is LPCM 2.0) or by Toslink port. Only the OUT A port supports the ARC function.
- LED Status Light shows clearly the working state.
- In 4K@60Hz HDMI UHD resolution, HDMI Input and Output distance can be up to 5m using the AWG24 standard HDMI Cable. In 4K@30Hz and other lower resolution, HDMI Input and Output distance can be up to 8m using the AWG26 standard HDMI Cable.

- Easy-Install
- Need DC5V/1A power supply

The accessories with the machines list as picture:

- 1、 Main unit 1pcs
- 2、 5V power adapter 1pcs
- 3、 User manual 1pcs
- 4、 Remote 1pcs



Physical Connection Showing Picture:

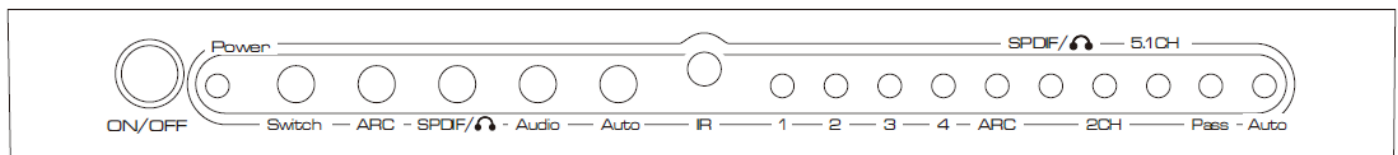


Figure 1.0 Front Panel Showing Picture

ON/OFF: Power On/Off Button

Power : Power LED

Switch: Input Sources Switch Button

ARC: Turn On/Off ARC. (Pls make sure that your TV can support ARC when you want to use the ARC function; after the ARC is turned on, the Toslink port and the Headphone port will can output the ARC audio)

SPDIF/ : SPDIF and headphone audio ON/OFF switch.

Audio: Switch button for Audio output mode, it can choose 5.1CH, 2.0CH, PASS three kinds of audio output mode by circulate switching (When switch to 5.1CH audio mode output, the Digital audio signal receiving terminal must can support DTS/DOLBY-AC3 decode, or the output audio signal receiving terminal will have no sound output; If pls switch to 2CH audio mode. the audio signal receiving terminal can output the audio. When audio output switch to

the PASS mode, the audio output format will be decided by the audio signal receiving machine audio decode ability. The device will output 7.1 channel audio signal while the output end connects the AV receiver with HDMI port that support 7.1 channel audio decode. (The HD Source signal itself is 7.1 channels)

Auto: Auto Detect Button for the Input Signal

IR: IR Receiver

1-4: HDMI input led status light

ARC : ARC status Indicator Led Light

LED On: ARC turn on, then output TV audio by optical + Stereo headphones audio

LED off: ARC turn off, then output HDMI audio by optical + Stereo headphones audio

SPDIF/⌚: SPDIF and headset audio status Light

2CH: 2CH Audio Led Status Light

5.1CH: 5CH Audio Led Status Light

PASS: Advance Audio Led Status Light

Auto: The Auto Detect Led Light for Input Sources

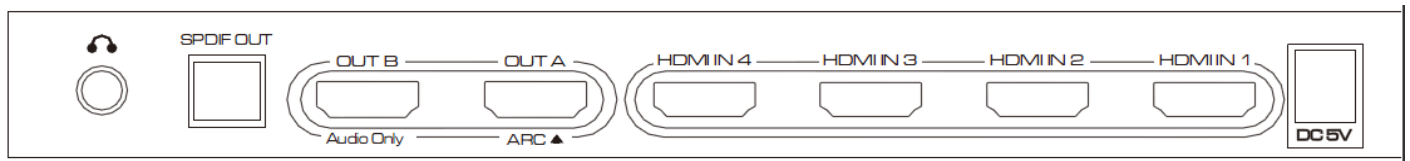


Figure 1.1 rear panel showing picture

⌚: 3.5mm audio signal output

SPDIF OUT: SPDIF optical output interface

OUT B: HDMI output B , only supporting audio output

OUT A: HDMI output A, supports ARC function

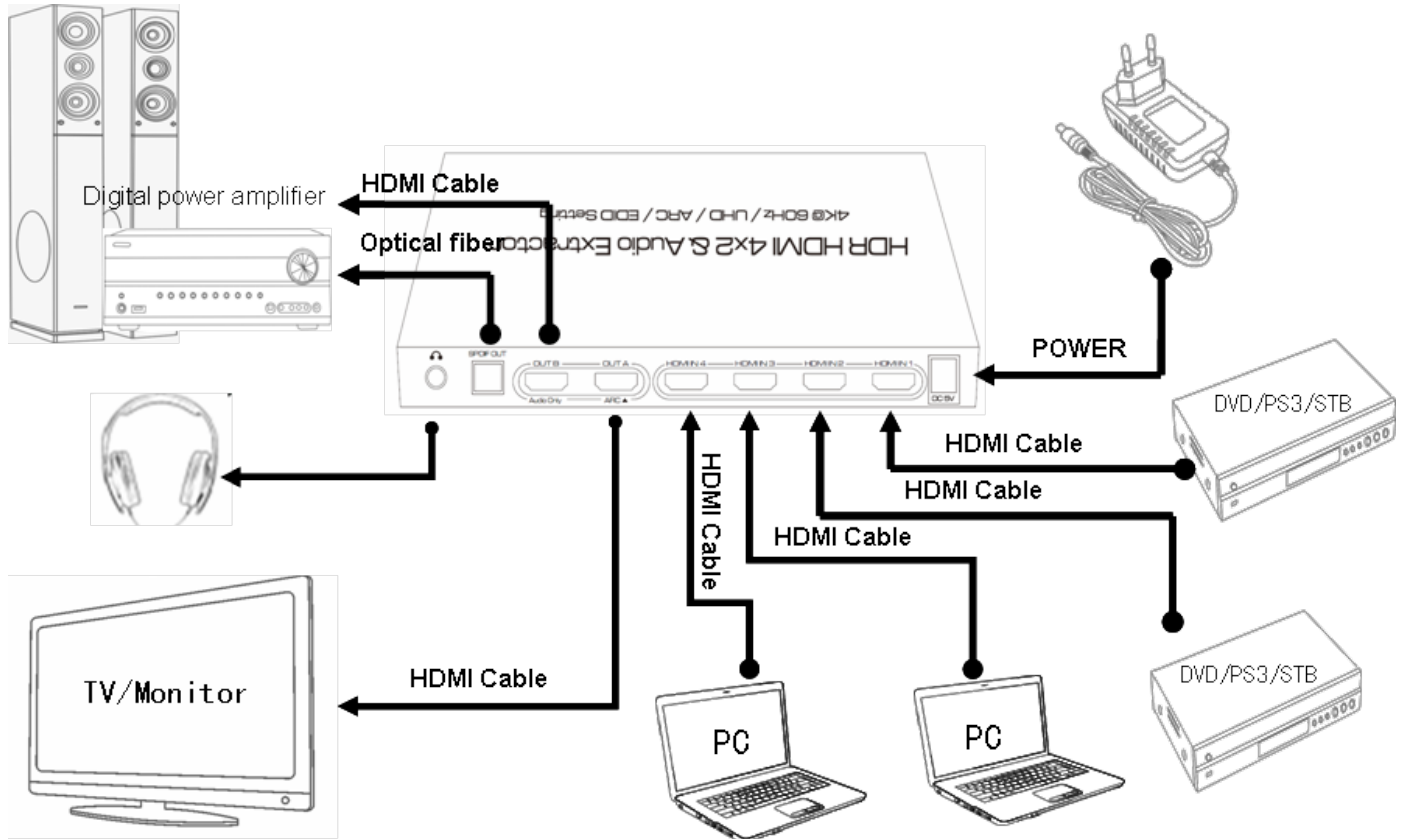
HDMI IN1-HDMI IN4: HDMI input interface

DC 5V: 5V DC-DC Power Interface

Operating and Connecting:

- 1、 To use HDMI Cable to connect the UHD Source with the HDMI Input port of device.
- 2、 To use HDMI Cable to connect the HDMI Output A port of device with the Display.
- 3、 To use HDMI Cable to connect the HDMI Output B port of device with the AV Receiver

- 4、 To use optical cable to connect the Toslink output port with the AV Receiver.
- 5、 To use the headphone cable to connect the headphone output port of the device with Headphone set.
- 6、 To connect the DC5V power adaptor with the DC5V port of the device.
- 7、 To press button “ON/OFF” at device to turn on the device. Then according to your need to set up the equipment.



SPECIFICATIONS:

HDMX0011M1

HDMI resolution..... 4Kx2K@60Hz /4Kx2K@30Hz/ 1080p/1080i/720p/576p/576i/480p/480i
HDMI In/Out Supported Audio Format... ..DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
Audio output..... .HDMI、 SPDIF and 3.5mm Stereo
Digital Audio Output Supported Audio Format.....LPCM2.0/DolbyAC3/DTS
Digital Audio Output Sampling Rate..32KHz, 44.1KHz, 48KHz, 88.2KHz, 96KHz, 176.4KHz, 192KHz
Max bandwidth.....600MHz

Max baud rate.....	18Gbps
Input/Output DDC signal	5Volts p-p (TTL)
Input cable distance.....	≤8m(1080P)/5m(4K) AWG24 HDMI standard cable
Output cable distance.....	≤8m(1080P)/5m(4K) AWG24 HDMI standard cable
Max working current.....	600mA
Power adapter format. Input:	AC (50HZ, 60HZ) :100V-240V; Output: DC5V/1A
Operating Temperature range.....	-0 to +40°C
Storage Temperature range.....	-15 to +55°C
Operating Humidity range.....	5 to 85%RH (No Condensation)
Storage Humidity range.....	5 to 95%RH (No Condensation)
Dimension (L x W x H)	205x74x26 (mm)
Weight.....	350g

IR Remote Operating Instruction



1、 Firstly take off the plastic film that inserted in the rear of remote board

2、 OFF: Power standby

3、 ON: Power on

4、 You can press the 1, 2, 3, 4 button directly to choose the input channel that you want. For example, if you want switch the input two sources to the output; you can press the 2 button directly.

5、 < / > : Turn Up /down circulation switch input port

6、 2CH: 2 channel stereo mode.

7、 5.1CH: 5.1 channel mode.

8、 PASS: Advance Audio model

9、 SPDIF/ : ON/OFF Key for SPDIF and Stereo headphones audio out

10、 ARC: ARC Function On/Off Key

11、 Auto: Auto Detect Button for Input Sources.

12. The plastic film is strongly advised to insert the rear of the remote board when the remote

is not used for long time.

Notes:

Pls use the machine as the instruction listed to keep the long use lifetime of the machine.

1. The machine should be placed at the spot far from the Damp, High-Temperature, Dusty, Erosive, and oxidative environment.
2. All parts will be free from the strong shake, hit, fall.
3. Touching the power adaptor with the wet hands is prohibited.
4. Pls hold the power adaptor head and do not pull the power cord when cut off from the socket.
5. Pls turn the power off when the machine is not used for long time.
6. Pls do not open the cover and do not touch the inside parts.
7. Pls use the original factory power adaptor.

Before power on, pls check the connection line carefully. And make sure that all interfaces are normally connected. The common trouble shooting way shows below:

Serial NO	Trouble Description	Cause and Ways to deal with
1	Non-Power-Connected	1、 Check if the power adaptor head is truly and correctly inserted the power socket. 2、 Check the power switch if it is in on status.
2	No Picture	1、 Pls to make sure that the TV is on and has been connected with the machine,. 2、 To check if the signal source is on and well connected. 3、 Check the system connection quality. 4、 Check if the line is all good quality.

		5、 Check the cable quality..
3	Obscure Picture	1、 To try again to connect the cable to be free from the unsuccessful connection. 2、 HDMI Cable Quality
4	No sound	1、 Please confirm the setting position of audio mode switch
5	Remote	1、 Pls check if the film that stops the current has been taken out. 2、 To check if the remote battery is working well.