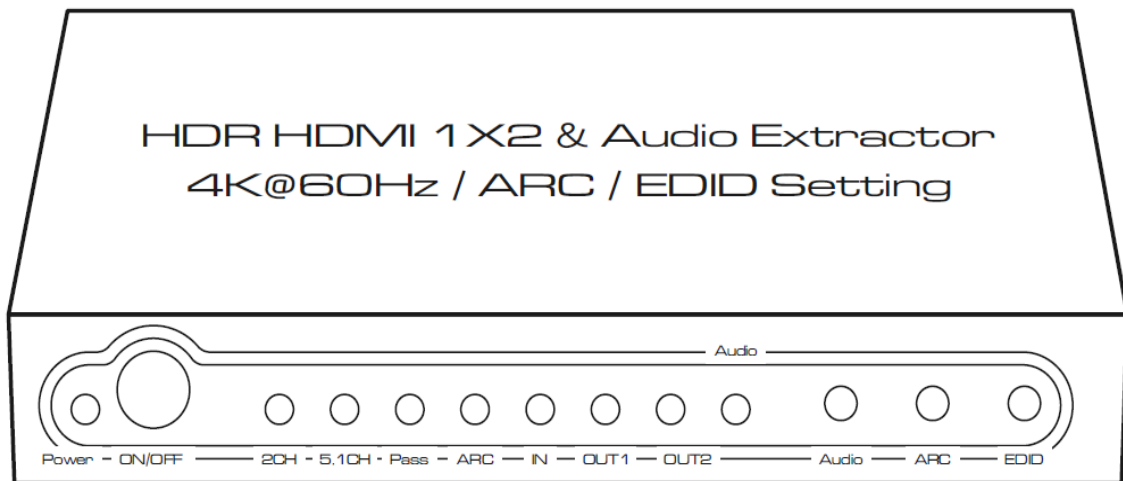# User Manual

HDMI 2.0 Splitter w/ Audio Extractor
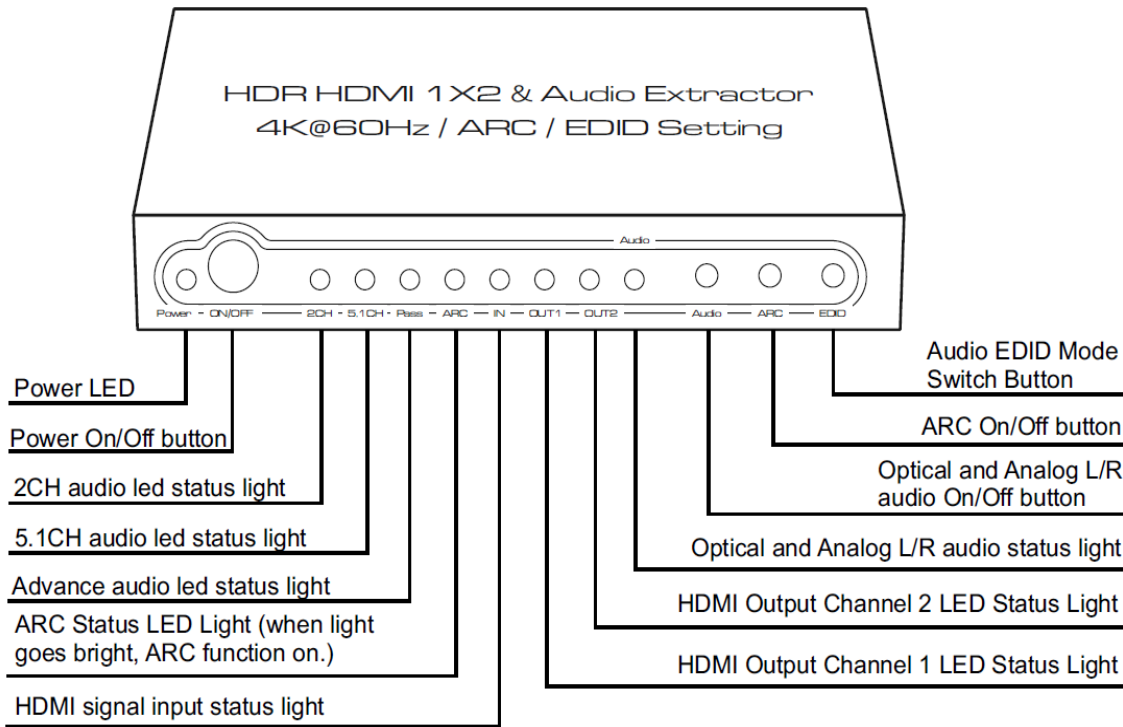
（4K@60Hz/ ARC/ EDID Setting）

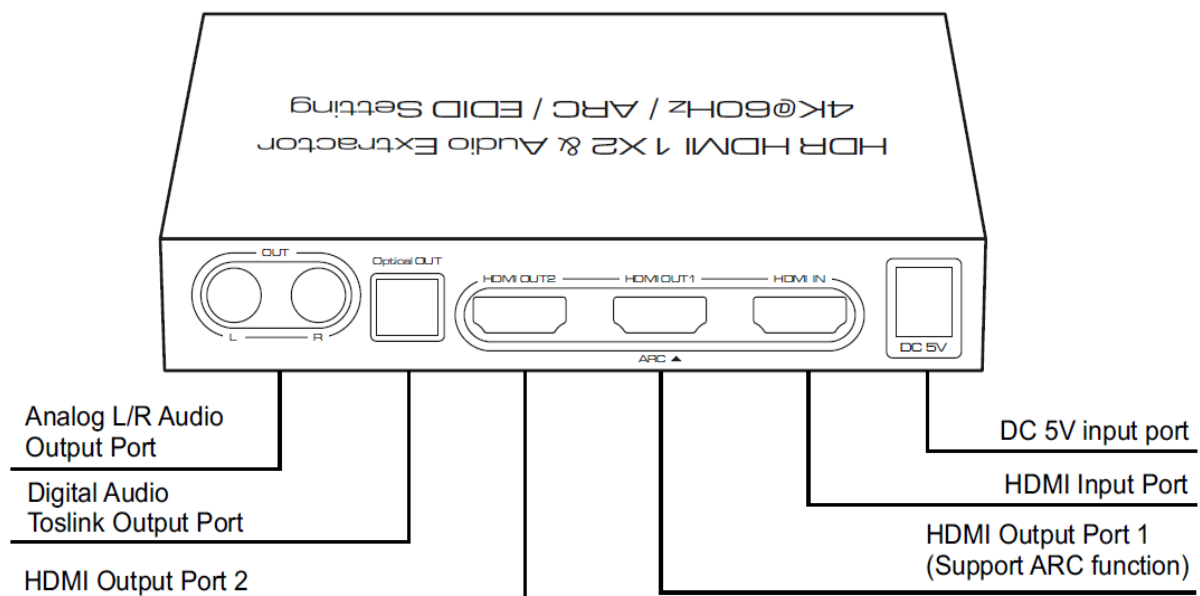**Mode No：AA6280**

INTRODUCITON

Picture 1.0 front panel showing

HDR HDMI 1X2 & Audio Extractor
4K@60Hz / ARC / EDID Setting

Audio

Power – ON/OFF   2CH – 5.1CH – Pass – ARC – IN – OUT1 – OUT2   Audio – ARC – EDID

Audio EDID Mode
Switch Button

ARC On/Off button

Optical and Analog L/R
audio On/Off button

Optical and Analog L/R audio status light

HDMI Output Channel 2 LED Status Light

HDMI Output Channel 1 LED Status Light

Power LED

Power On/Off button

2CH audio led status light

5.1CH audio led status light

Advance audio led status light

ARC Status LED Light (when light
goes bright, ARC function on.)

HDMI signal input status light

Picture 1.1 rear panel showing

HDR HDMI 1X2 & Audio Extractor
4K@60Hz / ARC / EDID Setting

OUT   Optical OUT   HDMI OUT2 — HDMI OUT1 — HDMI IN

L   R   ARC ▲   DC 5V

Analog L/R Audio
Output Port

Digital Audio
Toslink Output Port

HDMI Output Port 2

DC 5V input port

HDMI Input Port

HDMI Output Port 1
(Support ARC function)

Connection and operation:
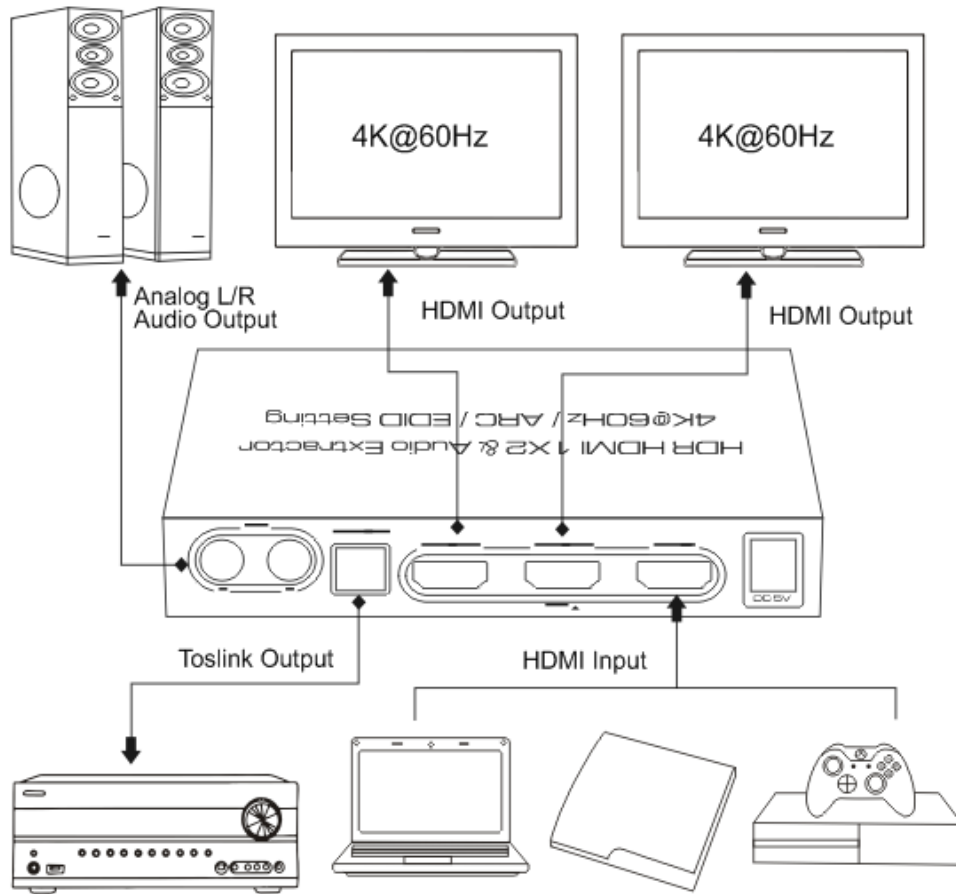
*Connect according to the connection method in the above figure, source →
display device → audio output device → power

1、Press the EDID button of the device，it can choose 2CH、5.1CH、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)

2、After pressing the ARC button , the ARC function is enabled and the matched ARC led light will go bright, the Toslink output port will output the TV ARC audio.(Please make sure that your TV can support ARC function); after pressing the ARC button again, the ARC function is closed and the ARC led light will go dark,and the Toslink and L/R port output port output the extracted audio from the HDMI input.

3. Scale Down function description:

When using 4K signal source input, one output port is connected to a 4K TV and the other output port is connected to a Full HD TV. At this time, The Scale Down feature will allow one port to output 4K signals and another port to automatically scale down the resolution to 1080P. This feature is on by default, and both output ports support scale down.

   Note: The Dolby Vision video format scale down function is not supported.

Audio explanation:

2CH	L/R, SPDIF and HDMI have output.
5.1CH	SPDIF and HDMI support DTS/DOLBY-AC3
Pass	HDMI supports the highest audio format 7.1 channels(support Dolby-HD, DTS-HD, Dolby Atoms，LPCM 7.1 high quality audio format)

Spec：

Mode No	AA6280
Mode name	**HDR HDMI 1X2 & Audio Extractor**
Input channel	HDMI port x1
Output channel	HDMI port x2、Toslink port x1、L/R port x1
ARC features	Support Toslink
Video format	HDR、UHD、HLG、Dolby Vision
Resolution format	480P/720P/1080P/2160P@60/50/30/25/24(Support1080P@120)
Scale down format	Supports 4K@60/50/30/25/24(RGB/YCbCr444/422/420) scale down to1080P
Deep color	8/10/12Bit@480P/720P/1080P 8Bit@2160P
Digital audio output supported audio format	LPCM2.0/DTS/DOLBY-AC3……
HDMI Input cable length	2160P/AWG 26 ≤5m 1080P/AWG 26 ≤10m
HDMI Output cable length	2160P/AWG 26 ≤5m 1080P/AWG 26 ≤10m
DAC sample frequency range	32～192 KHz
HDMI transmission bandwidth	25~600MHz
HDMI transmission rate	0.75~18Gbps
Power adapter specification	Input: AC 100~240V Output: DC 5V/1A
Max working current	400mA
Working temperature range	0 ~ +40℃
Working humidity range	5 to 85%RH（No Condensation）
Storage temperature	-15 to 55℃
Storage humidity	5 ~95%RH(No Condensation)
Size	139x64.5x22.3 (mm)
Weight	216g
Accessories	Manual, Power Adaptor