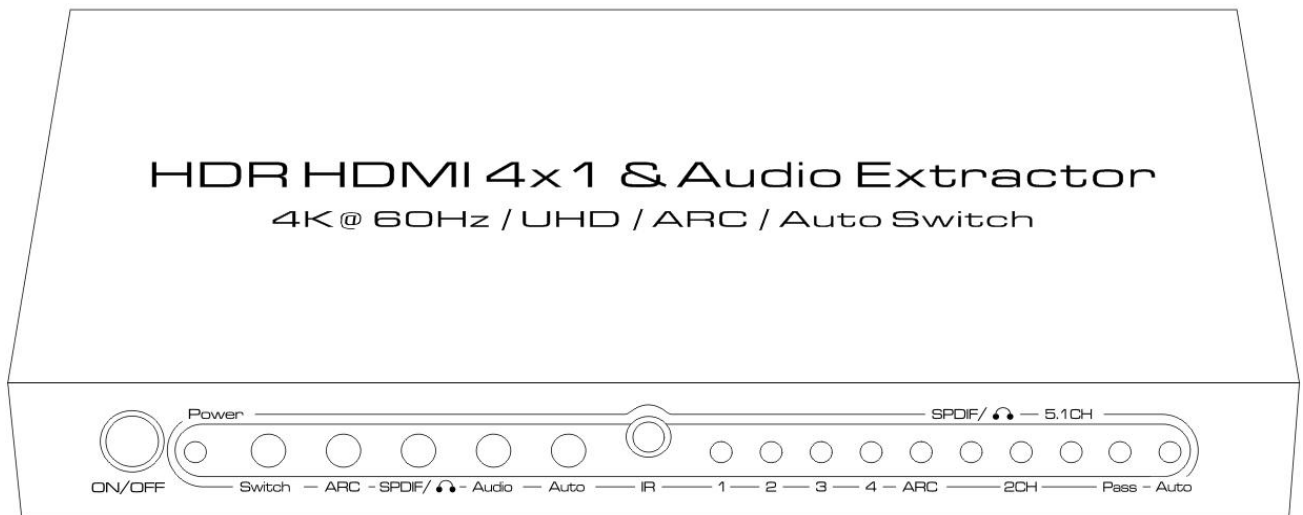# User Manual

HDR HDMI 4X1 & Audio Extractor
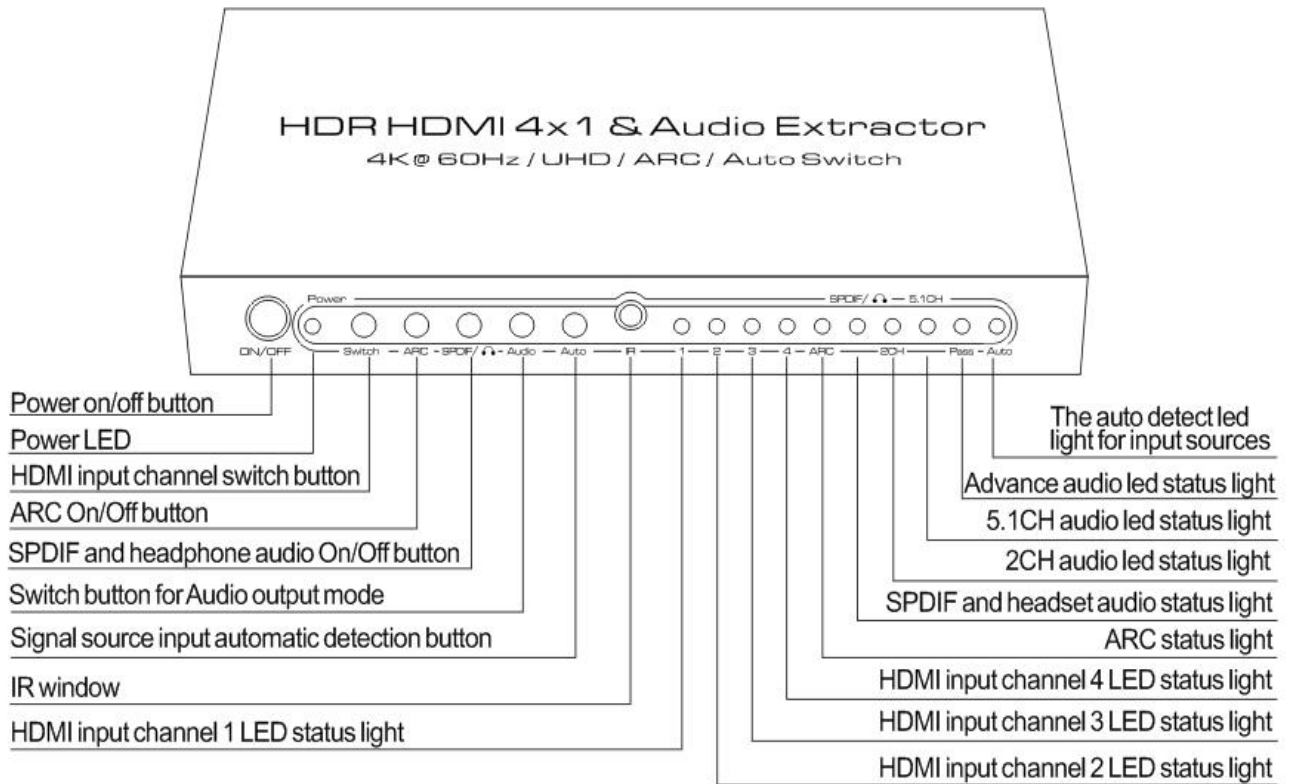
（4K@60Hz/UHD/ARC/Auto switch）

Mode No：HDSW0029M1
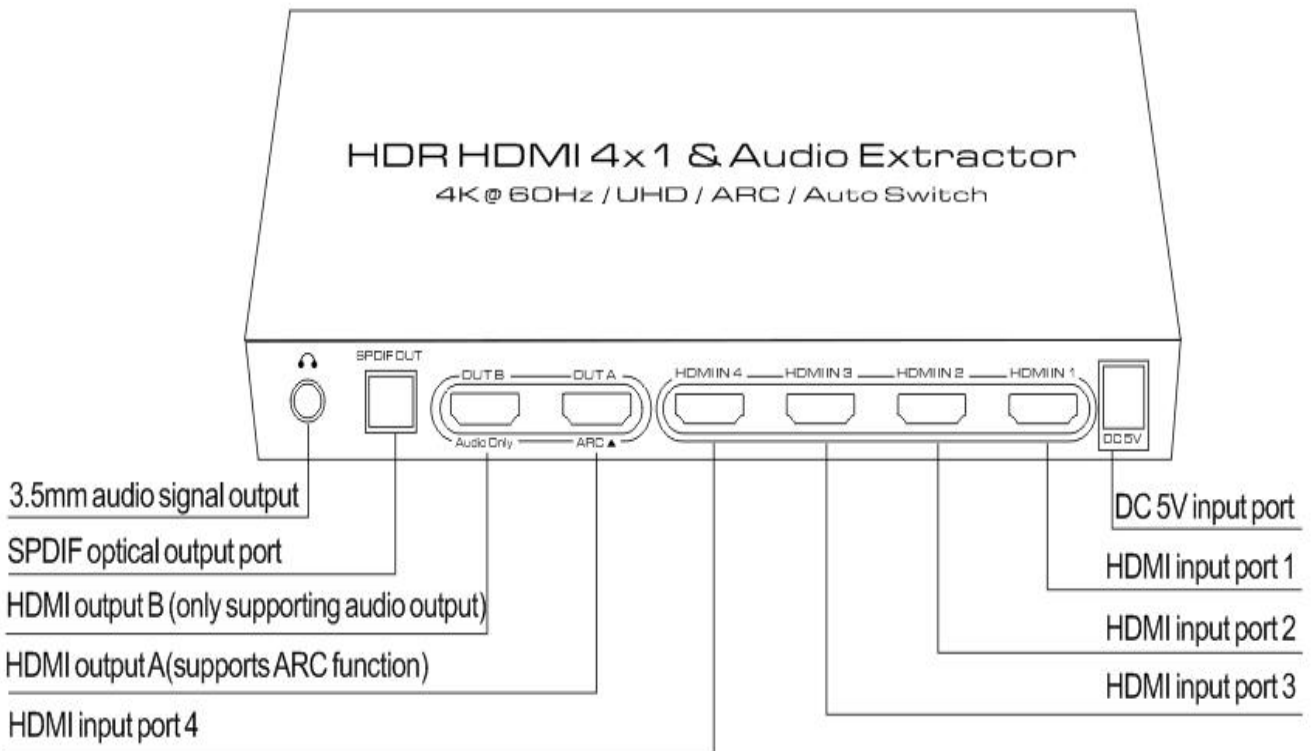
INTRODUCITON

Picture 1.0 front panel showing

Power on/off button
Power LED
HDMI input channel switch button
ARC On/Off button
SPDIF and headphone audio On/Off button
Switch button for Audio output mode
Signal source input automatic detection button
IR window
HDMI input channel 1 LED status light

The auto detect led light for input sources
Advance audio led status light
5.1CH audio led status light
2CH audio led status light
SPDIF and headset audio status light
ARC status light
HDMI input channel 4 LED status light
HDMI input channel 3 LED status light
HDMI input channel 2 LED status light

Picture 1.1 rear panel showing

3.5mm audio signal output
SPDIF optical output port
HDMI output B (only supporting audio output)
HDMI output A(supports ARC function)
HDMI input port 4

DC 5V input port
HDMI input port 1
HDMI input port 2
HDMI input port 3

Picture 1.2 IR panel showing

HDMI input channel 1 switch button
HDMI input channel 3 switch button
2CH audio output mode switch button

OFF
ON
Power on
Power standby
HDMI input channel switch button
HDMI input channel 2 switch button
HDMI input channel switch button
HDMI input channel 4 switch button
Advance audio mode switch button
5.1CH audio output mode switch button
Auto switch turn on/turn off button
ARC On/Off button
SPDIF and headphone audio On/Off button

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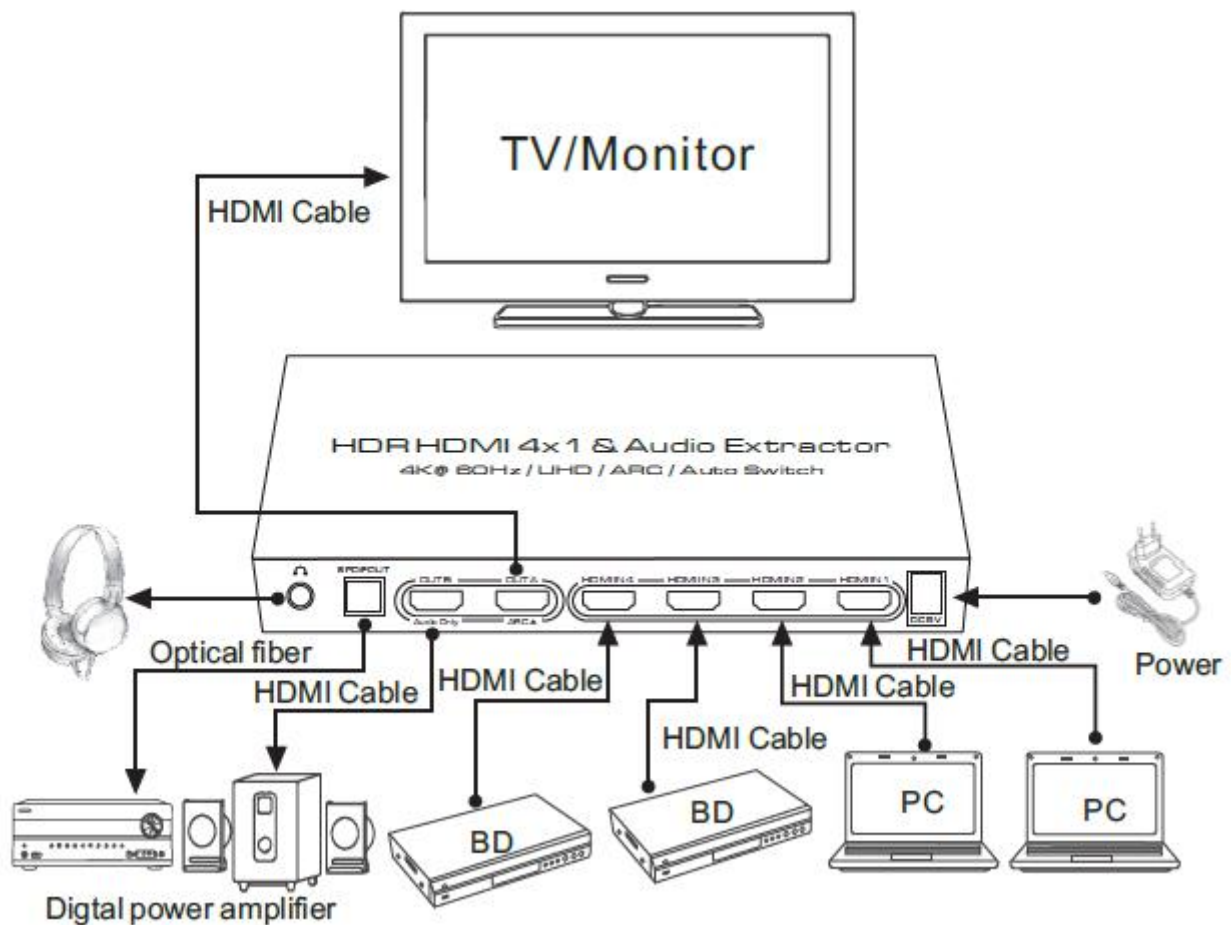
*Connect according to the connection method in the above figure, source →
display device → audio output device → power

1、Press the Audio 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 and 3.5 Headphone 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 3.5 Headphone port output port output the extracted audio from the HDMI input.

3、HDMI out port B can support Dolby-HD, DTS-HD, LPCM 7.1 high quality audio format.

Audio explanation:

2CH	Earphones, SPDIF and HDMI have output.
5.1CH	SPDIF and HDMI support DTS/DOLBY-AC3
Pass	HDMI supports the highest audio format 7.1 channels
HDMI B port	Only audio output is supported 、 support Dolby-HD, DTS-HD, LPCM 7.1 high quality audio format.

Spec:

Mode No	HDSW0029M1
Mode name	**HDR HDMI 4X1 & Audio Extractor**
Input channel	HDMI port x4
Output channel	HDMI port x1、Toslink port x1、3.5 Headphone port x1
ARC features	Support Toslink、3.5 Headphone output
Video format	HDR、UHD、HLG、Dolby Vision
Resolution format	480P/720P/1080P/4K@30Hz/4K@60Hz
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
DAC Bit rate range	16~24 Bit
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	600mA
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	205x74x26 （mm）
Weight	350g
Accessories	Manual, Power Adaptor, Remote