

OZQ4

4-Port 4x1 HDMI Switch ARC

User's Manual



HDCP FC CE RoHS

Fighting for The Dream

Thank you for purchasing this high-quality 4K\*2K HDMI Switch. Prior to using this switch, please read the User's Manual carefully. This may help to prevent any unnecessary damage to the switch or to your device.

1.0 Brief Introduction

In order to maximize the performance of the product and get excellent audio and video experience, we strongly suggest to use the HDMI output connect with the HDMI ARC port of TV and other HDMI display device.

The 3D 4K\*2K 1.4B HDMI Signal Switch supports 4xHDMI Signal Input and 1xSignal Output, allowing for a perfect HDTV picture while supporting the simultaneous output of digital and analog sound. It will maximally optimize your family's cinema system.

2.0 Production Application

The Switcher is able to switch between 4 digital audio/video HDMI signal sources, and it is compatible with display devices, digital TVs, HDMI FPTVs,

HDTVs, digital projectors, video receivers and many other types of HDMI display devices.

3.0 Features

- a. Compatible with HDMI and HDTV under HDCP1.4
- b. Each port supports HDMI protocol input;
- c. Supports HD 480P, 720P, 1080P, 1080p 3D and 2160P input;
- d. Supports compressed audio: DTS Digital, Dolby Digital (DTS-HD and Dolby);
- e. Supports video output broadband 6Gbps/450MHZ;
- f. Supports HD signal and remote as well as digital optical audio separation losses during transmission;
- g. Supports automatic signal source identification; when any signal source is disconnected, it will automatically skip to the next port with a viable signal source;
- h. It will automatically skip to the most recently inserted HDMI signal source;
- i. Supports HDMI1.4B HDMI2.0 (4:2:0 YUV); 4K60HZ
- j. Supports MHL function and LED indicator;
- k. Supports ARC function.

4.0 Product Parameters

DDC Signal Input	5 volts p-p (TTL)	Working Temperature	0°C-85°C
TMDS Signal Input	0.5-1.0 volts p-p	Working Humidity	10%-85% RH (no crystal)
Highest Resolution	4Kx2k	Storage	-10°C-80°C
Framerate	50/60Hz	Storage Humidity	5%-90% RH (no crystal)
Bandwidth Frequency	18Gbps/600MHz	Power Supply	DC 5V/1A
Resolution of interlaced scanning	480i, 1080P 576i, 1080i,4K	Maximum Power Consumption	2.5W
Resolution of progressive scanning	480p, 576p, 720p 1080p,4Kx2k	User Manual Language	English

Product Dimensions: 105mm\*59mm\*20mm  
Accessories:HDMI Switch,Remote,power adapter,user manual

5.0 Range of Applications

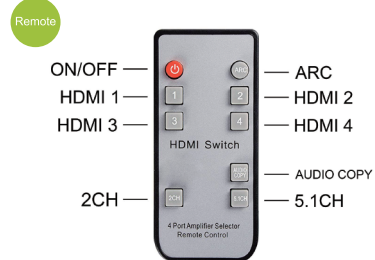
The Switch can be applied for connection, signal amplification, multi-picture conversion and for selection between computer/PC, STB/Smart Box, DVD Player, Blue-ray Player, PS3 / PS4 Pro and LCD TV, LCD, Projector, as well as an Audio/Video receiver.



Support Sound Separation Function featuring crystal clear stereo sound quality

SUPPORT AUDIO SEPARATION FUNCTION (freely implementation audio return channel)

The purpose of ARC(Audio return channel) is to make digital home appliances easier on wire installation. Its function is to transmit sound signal. Specifically it refers to the ARC support on the HDMI interface. It means the TV can transmit audio signal from HDMI cable to the amplifier or other audio devices which has HDMI or ARC function.



6.0 Interface Diagram:



Notes:

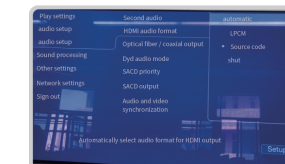
1. The product does not support audio output of HDMI MHL port
2. The product does not support audio output of authorized Always Dolby Digital plus
3. Please switch audio format to LPCM/PCM when using 3.5mm earphone.
4. Hot-plugging is not suggested.
5. The product supports input up to 5m, output up to 5m, 26AW(19+1PIN) HDMI2.0 cable
6. Please adjust output resolution of Roku to auto format and then enter OK, if the display turn to red screen when using Roku.
7. For 4k\*2k@30Hz you need to use standard HDMI 2.0 cable. 3D, You need to switch to 1080p.
8. When using a set-top box, it is recommended to set the audio mode to "Best Available".

※HDMI audio splitter ARC working requirements

- 1 The HDMI ARC output port of the product must be connected to the HDMI ARC input port of the display device (Like TV, projector) and please ensure that HDMI ARC is turned on successfully. (Note that there is no sound from the display device (TV or projector) after the normal connection is started, and the remote control cannot adjust the sound level)
- 2 ARC must be set to TV before the audio channel is turned on. If you want to get 5.1 audio, please set to 5.1 channel. If there is no audio output, it means that the ARC of the display device (TV or projector) does not support 5.1 audio output.

※How to Get the 5.1ch Audio

When you used the HDMI Audio Extract Function and Can not get 5.1CH Audio First, Switch the Audio Output Format to 5.1ch mode or TV Mode by the 2.1ch/5.1ch/TV mode Switch on the product.If you set at 5.1ch mode or TV mode also get no audio, Please check your HDMI input source and set it at right audio input format.



※Automatic reset function

When you want to reset the product, Please keep pressing the Switch button for more than 5 Seconds After all Led flash for one time, the product will reset