



## avedio links OZF12C 1X2HDMI Audio Splitter User Manual

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Fighting for The Dream



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### Introduction

The 1x2 HDMI 2.0b splitter distributes 1 HDMI source to 2 HDMI displays at the same time. It provides solutions for HDTV retailers, show sites, HDTV, STB, DVD and projectors, factories, space, security issues, data center control, information distribution, conference room presentation, school and corporate training environments.

## Specification

Input Video Signal	0.5-1.0 Volts P-P
Input DDC Signal	5 Volts P-P (TTL)
Max Single Link Range	3860 x 2160P / 60Hz
Output Video	HDMI 2.0b + HDCP 1.0/1.1/1.2/1.3/1.4/2.3
Resolutions DTV/HDTV	480P/576i/576P/720P/1080i/2160P
HDMI Version	HDMI 2.0b
Operating Frequency	Up to 600 MHz
EIDI Duration	4 seconds
Power Supply	5V/1A
Frequency Bandwidth	18.5Gbps
Deep color	30 bit, 36 bit, 48 bit per pixel
Digital Audio Format	DTS-HD/ Dolby Atmos/ Dolby true HD/Digital 7.1CH/ LPCM 7.1/ DT S/ Dolby AC3/ DSD/ DTS:X

## Connection

**A)** Connect the input source and output displays to the HDMI splitter.

Please refer to the connection Image.

**B)** Connect the DC 5V power supply to the splitter. Please note that higher voltage power supplies may damage the splitter.

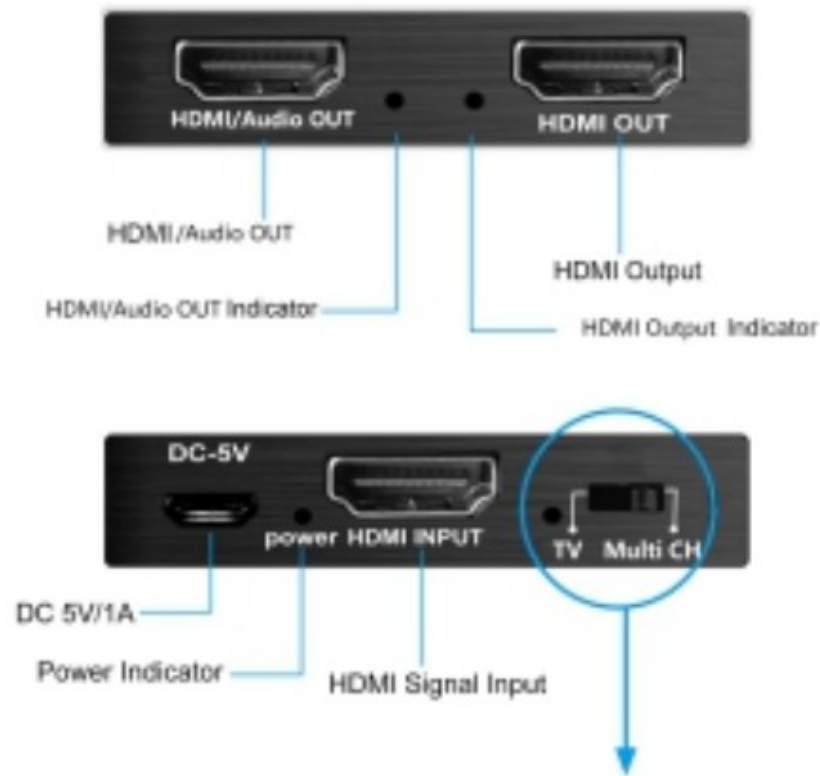
**C)** When the input source and output displays are connected and turned on, the corresponding LED will light up.

**Attention:** In order to protect the splitter and your devices, please make sure that the splitter is powered off before connecting or extracting the video and the monitor. Please plug and unplug the HDMI cable gently.



## Box Contents

Item	Qty
4K 60Hz HDMI Splitter 1x2	1 PC
High Quality HDMI Cable	1 PC
5V 1A Power Adapter	1 PC
User Manual	1 PC



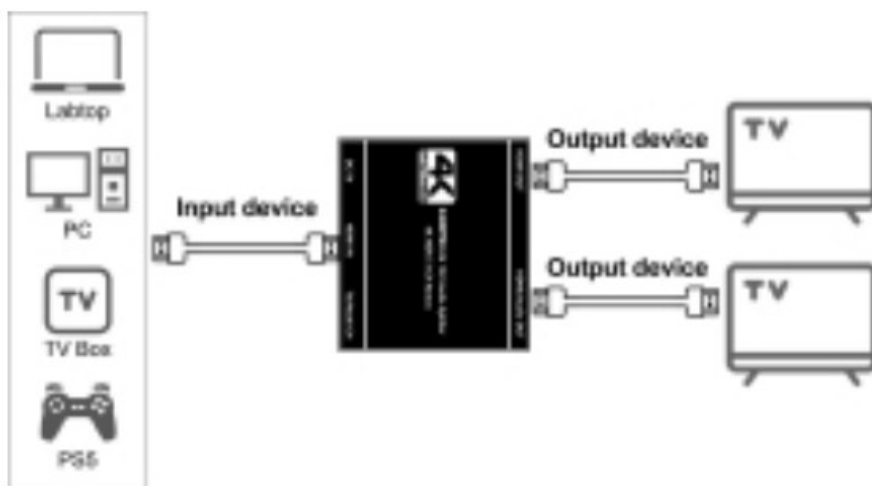
**TV Mode:** Provide the resolution supported by the display.

For this mode, HDMI/Audio OUT and HDMI OUT both connect the display device to display video.

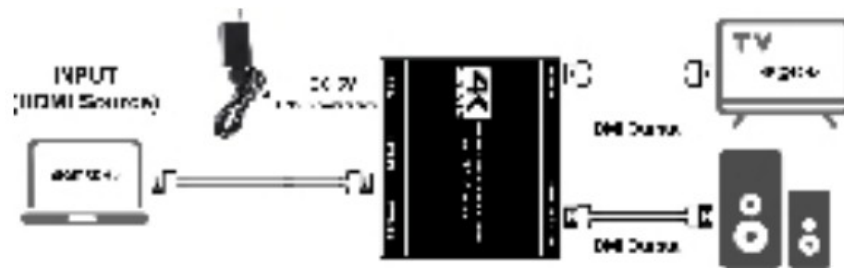
**Multi CH Mode:**

Support LPCM 7.1CH, Dolby, True HD, DTS-HD HDMI Audio. If HDMI/Audio OUT connect the audio device, HDMI OUT connect the display device, please dial the EDID to Multi CH position, otherwise the HDMI/Audio OUT will not output the audio.

## 1 x 2 HDMI Splitter Mode K



**Mixed Mode**



**HDMI output 2 can connect HDMI audio device!**

#### **VIDEO:**

- 4 @60Hz 4:4:4, HDR Dolby Vision, HDR 10+, 1080P@120Hz/60Hz, 144P@60Hz
- HDMI down-scale 4K to 1080P@60 Hz only

#### **AUDIO:**

- DTS-HD/ Dolby Atmos/ Dolby true HD/ Digital 7.1CH/ LPCM 7.1/ DTS/ Dolby AC3/ DSD/ DTS:X

If one of your display support up to 4K@60Hz, and the second display support up to 1080P, then the second display will downscale to 1080P automatically. One of the display will show 4K@60Hz resolution, the other one will show 1080P resolution.

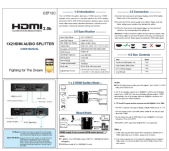
**NOTE: Does NOT support resolution downscale from 4Kx2K@60Hz 4:2:2 to 1080P.**

- This NOT a switcher, Not support display multiple HDMI source on 1 TV.
- The two outputs of this 1x2 HDMI splitter scaled 4k can only be used alone with 1080P.
- Do not reduce the ratio of HDR Dolby Vision (4K@60Hz 4:2:2) and frequency. There is No VRR.
- ARC/eARC is NOT supported; 4K@120Hz is not supported.

#### **TIPS: ○**

1. HDMI cable support MAX length 49FT standard for 26AWG(19+1); HDMI cable input up to 8 meters, output up to 8 meters.
2. If the screen appear red, it is because the display does not support Dolby vision. It is recommended to turn off the Dolby Vision of the input source.





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References

- [User Manual](#)

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