

# User Manual

## 4K 60 Hz 1x4 HDMI Splitter With EDID Scaling & Audio

HDTV4K601x4HDMI

1X4 HDMI2.0 Splitter With EDID & Audio Out

POWER

IN

OUT 1

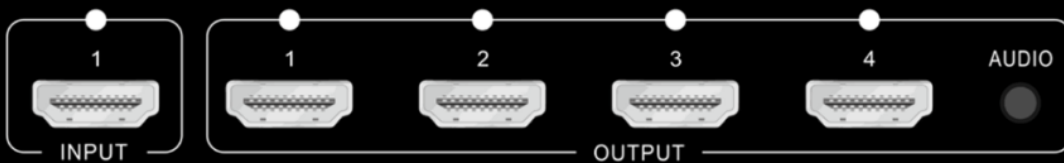
OUT 2

OUT 3

OUT 4



DIP



DC 12V

ON OFF



Version: V2022.001



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## 1. Introduction

This high performance 18Gbps 1x4 HDMI2.0 Splitter, it can support 1 HDMI input to 2/4 HDMI outputs simultaneously. The resolution is up to 4K60Hz. It supports EDID management, auto scaling function to fix different display resolutions, also with one 3.5mm audio de-embedded function. The ON/OFF power switch provides conveniences for users to turn it ON/OFF without the power cable plugging and unplugging.

## 2. Features

- HDCP2.2 compliant
- Support video bandwidth 18 Gbps
- Video resolution is up to 4K2K@50/60Hz
- Support 3D, HDR, Dolby Vision function
- EDID management by the DIP switch settings
- Output resolution auto scaling
- Supports 3.5mm audio de-embedded
- No need to install the driver, plug and play

## 3. Specification

| Technical           |                                                                                                                                                 |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| HDCP Compliance     | HDCP 2.2                                                                                                                                        |
| Video Bandwidth     | 18Gbps                                                                                                                                          |
| Resolution          | 4K2K 50/60Hz 4:4:4, 4K2K 30Hz 4:4:4, 1080p, 1080i, 720p, 720i, 480p, 480i<br>All HDMI 3D TV formats<br>All PC resolutions including 1920 x 1200 |
| 3D Support          | Yes                                                                                                                                             |
| Color Space         | RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0                                                                                                      |
| Color Depth         | 8/10/12-bit                                                                                                                                     |
| HDMI Audio Formats  | PCM2.0/5.1/7.1CH, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD                          |
| HDR Formats         | HDR10, HDR10+, Dolby Vision                                                                                                                     |
| ESD Protection      | Human-body Model:                                                                                                                               |
| Connection          |                                                                                                                                                 |
| Input Ports         | 1*HDMI Type A [19-pin female]                                                                                                                   |
| Output Ports        | 2/4*HDMI Type A [19-pin female], 1*3.5mm audio                                                                                                  |
| Mechanical          |                                                                                                                                                 |
| Housing             | Metal Enclosure                                                                                                                                 |
| Color               | Black                                                                                                                                           |
| Dimensions          | 140X61X27MM(Packing: 185X184X55MM) for 1x2                                                                                                      |
| Weight              | 60g                                                                                                                                             |
| Power Supply        | Input: AC 100~240V 50/60Hz                                                                                                                      |
| Power Consumption   | 1W (max)                                                                                                                                        |
| Operating           | 0°C ~ 40°C / 32°F ~ 104°F                                                                                                                       |
| Storage Temperature | -20°C ~ 60°C / -4°F ~ 140°F                                                                                                                     |
| Relative Humidity   | 20~90% RH (non-condensing)                                                                                                                      |
| Cable Length        | For 4K60 (YCbCr 4:2:0)- --32ft / 10M; For 1080P---40ft/ 15m                                                                                     |

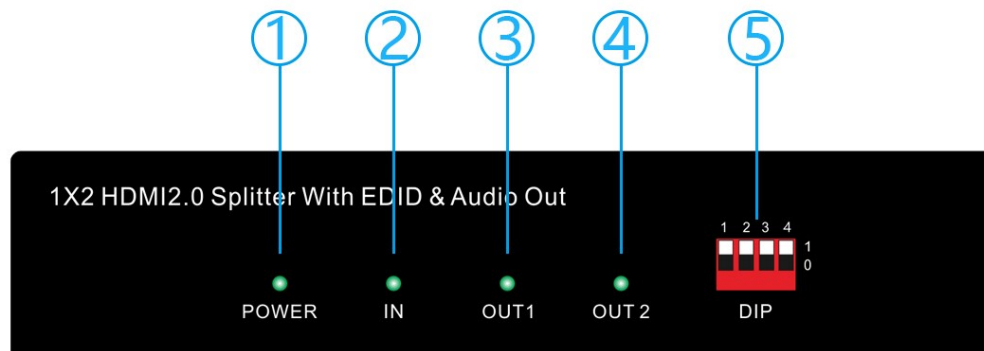


## 4. Packing

|               |   |     |
|---------------|---|-----|
| Splitter      | 1 | Pcs |
| Power adapter | 1 | Pcs |

## 5. Panels

5.1 Front Panel(\*here only takes 1x2 as example, the 1x4 will be the same functions but different indicators)

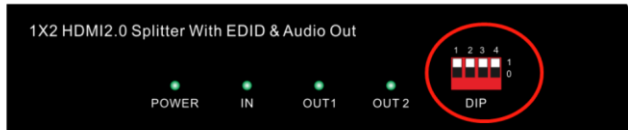


**1.Power:** Power indicator

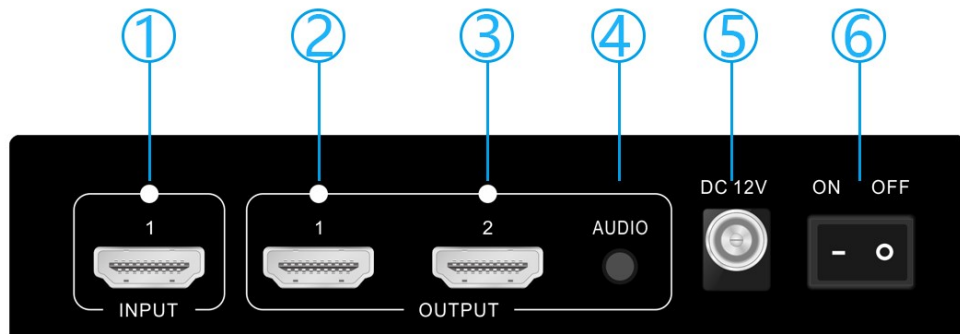
**2.IN:** HDMI input indicator

**3/4.OUT 1/2** HDMI outputs indicators

**5.DIP:** For the EDID management and auto scaling function

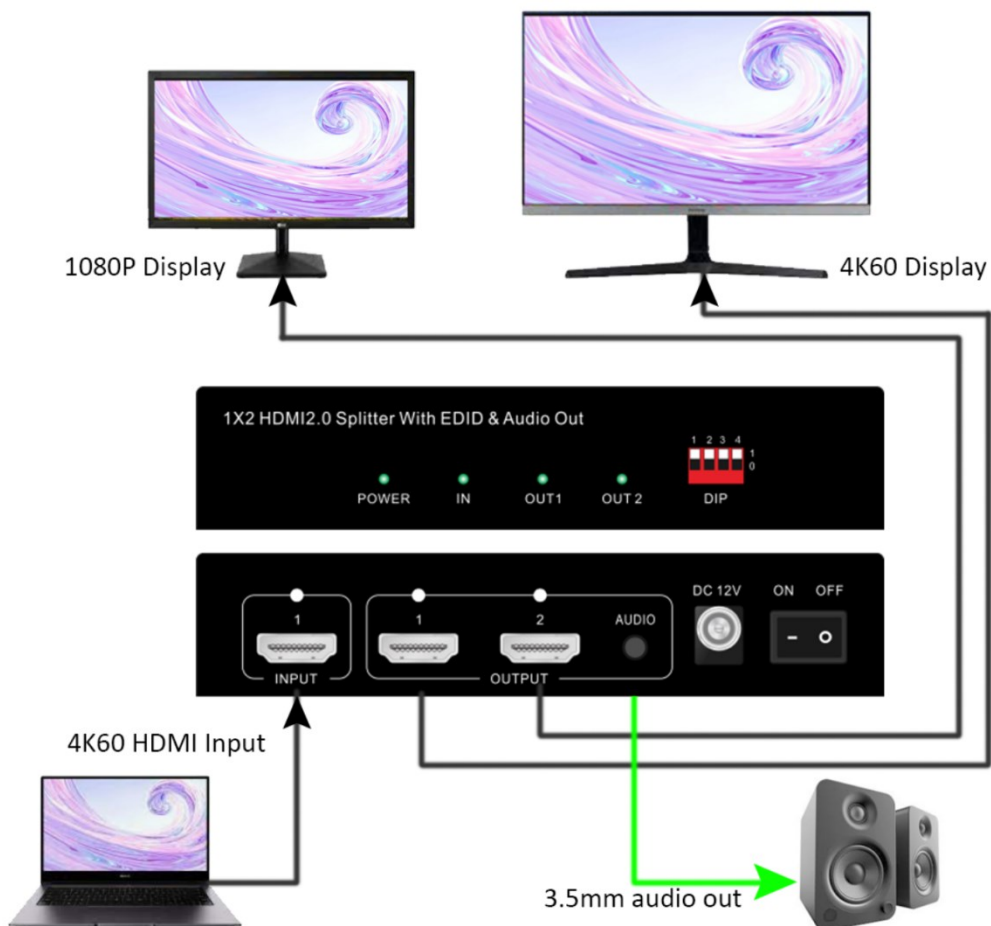
| EDID Management |    |    |                  | Auto scaling                                                                         |                                                  |
|-----------------|----|----|------------------|--------------------------------------------------------------------------------------|--------------------------------------------------|
| D1              | D2 | D3 |                  | D4                                                                                   | Functions                                        |
| 0               | 0  | 0  | Pass-through     | 0                                                                                    | Same output resolution as the input              |
| 0               | 0  | 1  | DVI-1920*1080P60 | 1                                                                                    | Auto scaling according to the connected displays |
| 0               | 1  | 0  | DVI-1920*1200    |  |                                                  |
| 1               | 0  | 0  | 1920*1080P60     |                                                                                      |                                                  |
| 0               | 1  | 1  | 1280x800         |                                                                                      |                                                  |
| 1               | 0  | 1  | 1920*1200        |                                                                                      |                                                  |
| 1               | 1  | 0  | 4k302.1          |                                                                                      |                                                  |
| 1               | 1  | 1  | 4k602.1          |                                                                                      |                                                  |

5.2 Back Panel(\*here only takes 1x2 as example, the 1x4 will be the same functions but different port numbers)



- 1.INPUT:** HDMI input port
- 2/3.OUT 1/2:** Two HDMI output ports
- 4.AUDIO:** One 3.5MM audio de-embedded
- 5.DC 12V:** DC 12V 1A power supply
- 6.ON/OFF:** Power switch ON/OFF

## 6. Operation diagram(\*here only takes 1x2 as example)



## 7. After-Sales

### 7.1 Warranty Information



The Company warrants that the process and materials of the product are not defective under normal use and service for 2 (2) years following the date of purchase from the Company or its authorized distributors.

If the product does not work within the guaranteed warranty period, the company will choose and pay for the repair of the defective product or component, the delivery of the equivalent product or component to the user for replacement of the defective item, or refund the payment which users have made.

The replaced product will become the property of the Company.

The replacement product could be new or repaired.

Whichever is longer, any replacement or repaired of the product or component is for a period of ninety (90) days or the remaining period of the initial warranty. The Company shall not be responsible for any software, firmware, information, or memory data contained in, stored in, or integrated with the product repaired by the customer's return, whether or not during the warranty period.

## **7.2 Warranty limitations and exceptions**

Except above limited warranty, if the product is damaged by over usage, incorrectly use, ignore, accident, unusual physical pressure or voltage, unauthorized modification, alteration or services rendered by someone other than the Company or its authorized agent, the company will not have to bear additional obligations. Except using the product properly in the proper application or normal usage

