

SPP-UHD-4000

1x4 HDMI splitter



User Manual

Version: 20241024

Introduction

The aegis SPP-UHD-4000 1x4 HDMI 2.0 Splitter simultaneously one route HDMI source to four routes HDMI display. It supports resolution up to 4K2K@60Hz (4:4:4) and HDCP 2.2. This product supports audio extract from HDMI source to optical and analog output. It can be selected COPY, AUTO modes EDID setting. Output supports bypass and downscaler (4K->1080P) function.

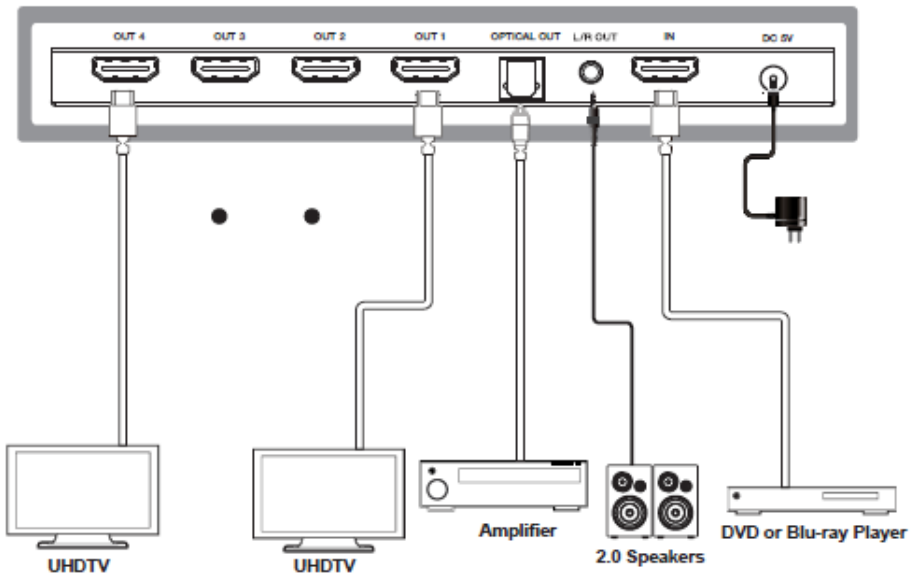
Features

- HDCP2.2/HDCP1.4 compliant
- Support 18Gbps video bandwidth
- Supports HDMI resolution up to 4K2K@50/60Hz (4:4:4), as specified in HDMI 2.0b.
- Support digital and analog audio extract output from HDMI source
- Output ports support signal bypass and 4K->1080P downscaler function via the dial switch on panel
- EDID can be selected COPY and AUTO modes via the dial switch on panel
- Support HDMI audio format: LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD

PACKAGE CONTENTS

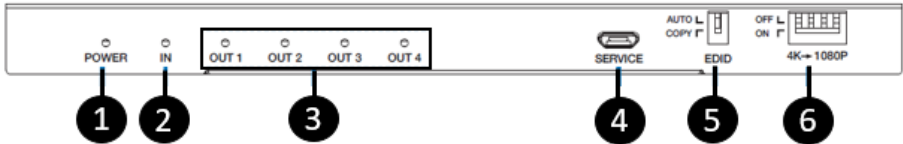
1. 1x 18Gbps HDMI 1x4 Splitter
2. 1x 5V/1A Power Adapter

CONNECTION DIAGRAM



DEVICE FUNCTION

Front Panel



1. **POWER LED** : The blue LED will be on when the device is powered on
2. **HDMI INPUT LED** : The blue LED will be on when the HDMI IN port has connected an active HDMI source device with a HDMI cable.
3. **HDMI OUTPUT LED** : When the HDMI OUT 1/2 port has connected an active display device with a HDMI cable, the corresponding LED will be on.
4. **SERVICE Port** : Used for firmware update. (Only for Manufacture use)

5. **EDID (AUTO,COPY) Dial switch :**

AUTO: Compare the EDID setting of the HDMI OUT 1~ 4 port display device, then transmit the best EDID signal to source device, the source device will transmit again the EDID signal to all outputs.

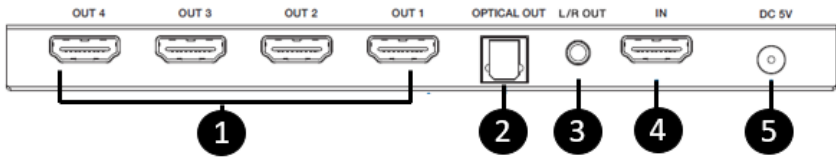
COPY: Copy the HDMI OUT 1 port EDID setting to source device (If no HDMI OUT 1 capable EDID is detected then the unit will copy HDMI OUT 2. If no HDMI OUT 1~2 capable EDID is detected then the unit will copy HDMI OUT 3...etc. The priority order is OUT 1 to OUT 4), the source device will transmit again the signal to all outputs.

6. **4K→1080P Dial switch :**

OFF: When the switch is dialed to "OFF", signal input and output is in bypass status.

ON: When the switch is dialed to "ON", the input signal will be downscaled (4k->1080P) before output.

Rear Panel



1. **HDMI OUT** : HDMI output ports. Connect to HDMI display device such as TV or monitor.
2. **OPTICAL OUT** : Optical audio output port. Connect the amplifier to output audio from HDMI IN port.
3. **Audio output**: Analog audio output port. Connect the speaker to output audio from HDMI IN port.
4. **HDMI Input** : HDMI input port. Connect to HDMI source device such as DVD player or PS4.
5. **DC IN** : Plug the 5V/1A DC power cord into the unit and connect the adapter to an AC outlet.

Specifications

| | |
|-----------------------|---|
| HDMI Compliance | HDMI 2.0b |
| HDCP Compliance | HDCP 2.2 and HDCP 1.4 |
| Video Bandwidth | 18Gbps |
| Video Resolution | 720P50/60Hz, 1080P50/60Hz, 4K2K24Hz, 4K2K30Hz,4K2K@50/60Hz (4:4:4) |
| HDMI Audio Formats | LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX,DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD |
| Color Space | RGB, YCbCr 4:4:4, YCbCr 4:2:2 |
| Output Port | 4×HDMI Type A [19-pin female] 1×L/R Audio out [3.5mm Stereo Mini-jack] 1×Optical out [S/PDIF] |
| Input ports | 1×HDMI Type A [19-pin female] |
| Power Supply | Input: AC100~240V 50/60Hz Output: DC5V/1A(US/EU standards · CE/FCC/UL certified) |
| Power Consumption | 3.5W - Max. |
| Chassis Material | Metal |
| Chassis Color | Black |
| Operating Temperature | 0°C ~ 40°C / 32°F ~ 104°F |
| Storage Temperature | -20°C ~ 60°C / -4°F ~ 140°F |
| Humidity | 20~90% RH (non-condensing) |
| Dimension | 180mm(W)×62mm(D)×14mm(H) |
| Weight | 227g |