



2-Port HDMI Splitter with EDID - 8K60Hz User Manual



04-1411A

P/N: CE-H27N11-S1

Features

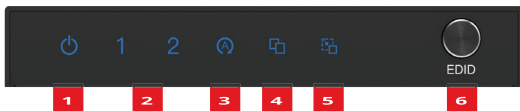
- Compliant HDCP 2.3/2.2/1.4 with 40Gbps bandwidth
- Supports up to 8K@60Hz and compatible with 4K@120Hz and 1080p@240Hz
- Support HDR10/HDR10+
- Support 12bit per channel (36bit all channels) deep color
- Support uncompressed audio such as LPCM 7.1
- Support compressed audio such as DTS, Dolby Digital
- HDMI Audio Format: LPCM 2/5.1/7.1, DTS 5.1/7.1 Dolby 5.1/7.1 & Atmos (need to copy TV EDID)
- Supports EDID management for Auto/Copy/Downscaler
- Supports CEC (Only on HDMI output 1)
- Supports VRR at Copy EDID mode and needs two same model displays.

Package Contents

- 2-Port HDMI Splitter with EDID - 8K60Hz
- Power Adapter DC 5V/1A
- USB-A to USB-C cable
- User Manual

Layout

Front



- 1. Power LED:**
Turn blue when power on
- 2. HDMI output 1-2 LED indicator:**
Turn blue when display connected
- 3. Auto EDID Mode LED Indicator:**
Turn blue when Auto EDID Mode selected
- 4. Copy EDID Mode LED Indicator:**
Turn blue when Copy EDID Mode selected
- 5. Downscaler EDID Mode LED Indicator:**
Turn blue when Downscaler EDID Mode selected
- 6. EDID Switch:**
Push button to select three EDID mode

Rear



1. **DC USB-C:** DC 5V/1A
2. **HDMI Input:** Connect to HDMI source
3. **HDMI Output 1-2:** Connect to HDMI display
(Only HDMI output 1 supports CEC)

Note:

- We recommend HDMI cables do not over 16ft/5m at 4K, not over 6.6ft/2m at 8K or 4K@120
- We recommend to use standard HDMI compatible 2.1 cable to enjoy 8K or 4K@120 visual effects
- In Downscaler mode the supported resolution only can up to 8K@60 4:2:0 for the main chip limited
- If you would like to output 8K@60Hz,4K@120Hz and 1080P@240Hz. Please make sure your source devices, your cable and your monitors can all support the resolution and refresh rate you need to output.

EDID

- **Auto:**

When using the Auto EDID mode, it will use the lower resolution and audio format of both outputs for the source to output the signal to fit both outputs.

e.g.

Output1 is 8K DTS 5.1 display,

Output2 is 4K LPCM 2ch display.

Final output will be Output1 4K LPCM 2ch ,
output2 4K LPCM 2ch

- **Copy:**

When using the Copy EDID mode, it will copy the output1 EDID for the input device, if the output2 is 4K or 1080p display, output2 can support 8K downscal to 4K or 1080p, but other format still follow the output1 EDID.

e.g.

Output1 is 8K DTS 5.1 display,

Output2 is 4K LPCM 2ch display.

Final output will be Output1 8K DTS 5.1
output2 4K DTS 5.1

*When LPCM 2ch display gets the Digital audio format, it can't recognize the format, it will output noise or mute.

- **Downscaler:**

When two displays are different resolutions, put the high resolution at output1, put the low resolution at output2, and the splitter will downscale the resolution for output2 letting two different resolution displays can output screen simultaneously.

The audio format will use lower format of two displays
e.g.

Output1 is 8K DTS 5.1 display,

Output2 is 4K LPCM 2ch display.

Final output will be Output1 8K LPCM 2ch ,

Output2 4K LPCM 2ch

Support Resolution

- 480p, 576p, 720p
- 1080p@24/30/60/120/240Hz
- 4K@24/30/50/60/120Hz
- 8K@24/30/50/60Hz

Q & A

Q: My display flickers. What could be causing this?

- This may be caused by one or more of the following:
 1. Make sure the HDMI cable and splitter are connected well.
 2. Ensure the HDMI cables do not over 16ft/5m at 4K, not over 6.6ft/2m at 8K or 4K@120.
 3. Try to use another EDID mode.

Q: Why the splitter can't output to two 8K displays at the same time?

- The product can output two 8K displays simultaneously at the "Auto" and "Copy" modes.
- It needs both displays to support the same 8K resolution.
- If at the Downscaler mode, the output1 will output 8K@60Hz 4:2:0, and the output2 will output the 4K or 1080p resolution which fits the connected display's resolution.

Dear Valued Customer

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YOUR PURCHASE**

~thank you~

Support

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