



2 Port 8K60 HDMI 48G Splitter with EDID



G4-0172A

P/N: SPHD21-8K2P

Thank you for purchasing from gofanco. Our products aim to meet all our connectivity needs wherever you go. For optimum performance and safety, please read the instructions carefully and keep this User's Guide for future reference. If you need more information about our products, please visit www.gofanco.com.

For technical support, email us at support@gofanco.com.

For drivers or manual download, please go to www.gofanco.com/downloads.

Important Safety Notices

Please read safety instructions carefully before installation and operation.

- Please pay close attention to all warnings and hints for this device.
- Do not expose this unit to rain, heavy moisture, or liquid.
- Do not put any items into the device or attempt to modify its operation.
- Do not repair the device or open the enclosure without professional guidance to avoid electric shocks. Doing so may void your warranty.
- Keep the product in a well-ventilated location to avoid damage from overheating.
- Shut off power and make sure environment is safe before installation.
- Do not plug the HDMI cables and IR cables in/out when the device is in use to avoid cable damage. Make sure they are plugged into the correct ports.
- Use the included power adapters only. Make sure the specification matches if using 3rd-party DC power adapters.

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1. Introduction

The HDMI Splitter is designed to distribute one HDMI input signal to two HDMI displays simultaneously without any quality loss. It is engineered for the future of visual technology, it supports resolutions up to 8K60Hz and 4K120Hz, delivering breathtaking clarity, vibrant colors, and ultra-smooth motion. Whether you are setting up a high-end home theater, a cutting-edge gaming station, a corporate conference room, or a digital signage display, this splitter provides a seamless and reliable Ultra-HD experience.

2. Features

- Supports resolutions up to 8K60Hz and 4K120Hz, compliant with HDMI 2.1 standards.
- Dual Display Output: Splits a single HDMI source (e.g., PS5, Xbox Series X, PC, Blu-ray player) into dual HDMI displays at the same time.
- HDMI Audio: Supports advanced audio formats, including DTS:X, Dolby TrueHD, and DTS-HD Master Audio; S/PDIF output support stereo audio.
- Supports HDR (HDR10/Dolby Vision) and 48Gbps signal speed.
- Supports down scaler, compatible with displaying at different resolutions simultaneously.
- Smart EDID Management: Features built-in EDID management to ensure maximum compatibility and stability across different display resolutions.
- Metal casing design and overall shielding without signal interference.
- Plug and Play, no drivers or software installation required; ready to use right out of the box.

3. Installation Requirements

- HDMI source devices
- HDMI displays device (SDTV/Monitor, HDTV/Monitor, projector, etc.)
- HDMI cables (not included)

4. Package Contents

- 2 Port 8K60 HDMI 48G Splitter with EDID
- 1x Power adapter (Output: 5V/1A)
- 1x User Manual

5. Product Layout

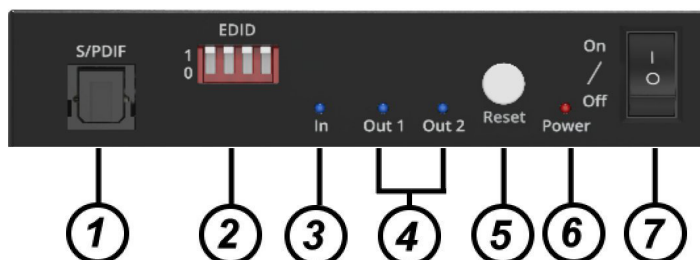


Figure 1: Product front side

NO.	Name	Function Description
1	S/PDIF	Digital stereo audio output interface
2	EDID	EDID setting switch, for details, please refer to page 10, EDID settings
3	In LED	HDMI input indicator
4	Out 1-2 LED	HDMI output 1-2 indicator
5	Reset	Press and hold for three seconds to reset the device
6	Power LED	Power on indicator
7	On/Off	Power switch

Product Layout (Continued)

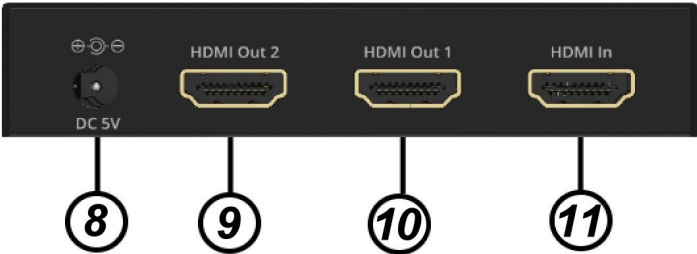


Figure 2: Product rear side

NO.	Name	Function Description
8	DC/5V	Power input port
9	HDMI Out 2	HDMI Output port 2
10	HDMI Out 1	HDMI Output port 1
11	HDMI In	HDMI Input port

6. Specifications

Video bandwidth	Up to 48Gbps
Audio format	HDMI: LPCM 7.1 / DTS / Dolby-Audio S/PDIF: Stereo audio
Compliant	HDMI: 2.1/2.0 /1.4, HDCP:2.3/2.2/1.4
Input ports	1x HDMI
Output ports	2x HDMI, 1x S/PDIF
Resolution	Up to 8K60Hz (4:2:0, HDR), 4K 144Hz /120Hz (4:4:4, RGB, HDR)
Power adapter	5V/1A
Power Consumption	2.5 Watts
Product housing	Metal
Operating temperature	0° to 40° C (32° to 104° F)
Storage temperature	-20° to 70° C (-4° to 158° F)
Operating humidity	5 to 90% RH (no condensation)
Dimensions	3.94" (L) x 0.85" (H) x 1.89" (W)
Weight	0.40 lbs
Country of origin	China

7. Hardware Installation

1. Power off all devices including your source(s) and HDMI display(s).
2. Connect your source device(s) to the controller's input(s).
3. Connect your HDMI display(s) to the HDMI Output(s) of the controller using HDMI cable(s) (HDMI cables not included).
4. OPTIONAL: Connect speakers to the S/PDIF output or Analog output ports.
5. Plug the included power adapter into the controller's Power Jack, then plug the power adapter into a reliable power outlet.
6. Power on all connected devices. The splitter product is ready for use.

Noted: To avoid electric shock, product damage and to protect your safety, please notice the following:

1. Please slowly plug or unplug signal cables and do not often plug, unplug or shake them.
2. The equipment should not be placed under the sun, rain and damp or unventilated environment.
3. Liquid items should not be placed on the equipment.
4. Do not install the equipment near heat sources such as fire, power or other amplifiers that produce heat.
5. Do not insert the metal or other objects to the equipment in addition to connecting cables to ports.
6. Do not demolish the equipment by yourself; it should be maintained by professional maintenance staff.

8. EDID Setting

2-Port EDID (Up is 1, Down is 0)

EDID Selector	Description	EDID Selector	Description
1111	Copy Out 1	0000	8K 60Hz
		0001	8K 30Hz
1100	Copy Out 2	0011	4K 60Hz
1110	1080P 60Hz	0111	4K 30Hz

9. Connection Diagram

Before installation, please make sure all devices you wish to connect have been turned off.

1. Connect the HDMI cable between signal source and input port of splitter
2. Connect the HDMI cable between splitter output port and HDTV
3. Connect the splitter and power adapter
4. Turn on the power supplies of the signal source, the splitter and the HDTV, and it will start to work.



Figure 3: Connection Diagram

10. Disclaimer

The product name and brand name may be registered trademarks of related manufacturers. TM and ® may be omitted on the user's guide. The pictures on the user's guide are just for reference, and there may be some slight differences with the actual products. We reserve the right to make changes without prior notice to a product or system described herein to improve reliability, function, or design.



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