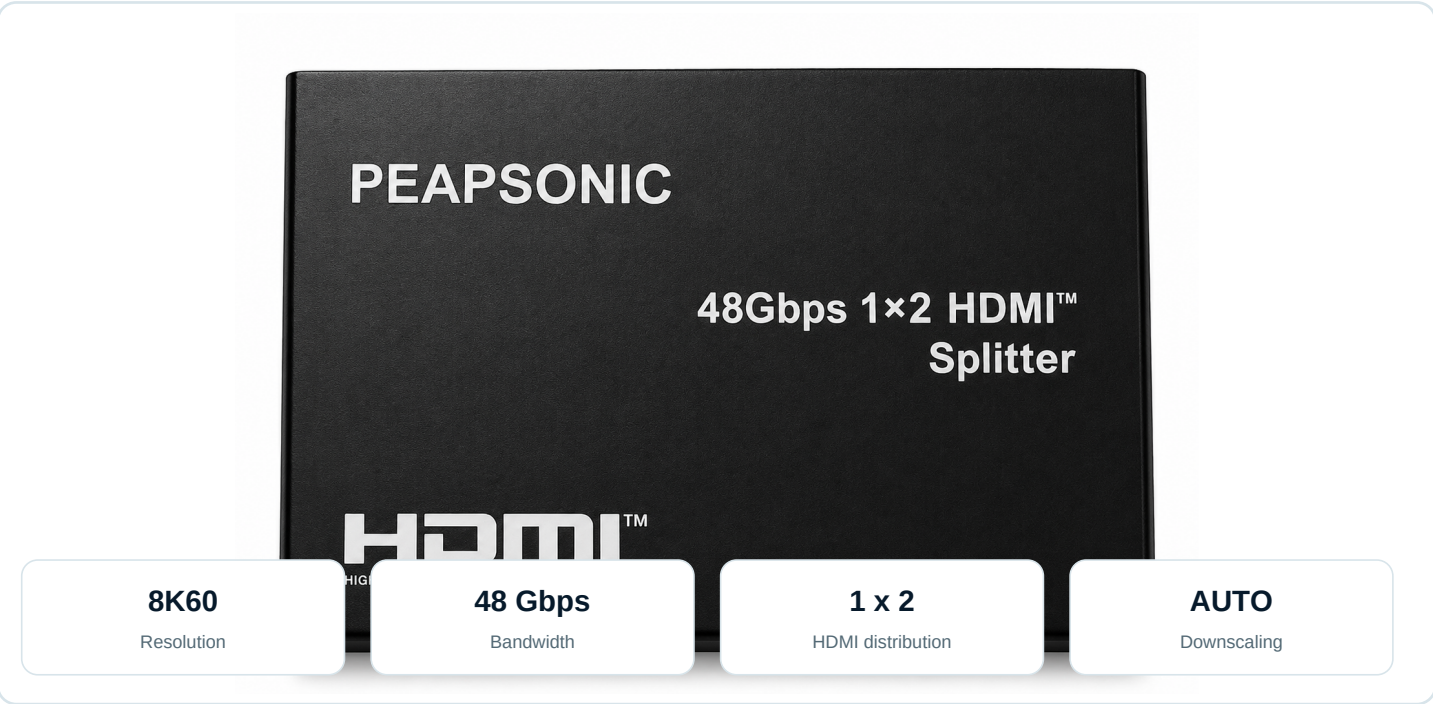


PS-H812 | 8K60 1x2 HDMI SPLITTER

HDMI 2.1 | 48 Gbps | HDCP 2.3 | EDID | Automatic output downscaling



PRODUCT OVERVIEW

The Peapsonic PS-H812 is a high-performance 1-input, 2-output HDMI splitter for distributing one HDMI source simultaneously to two displays or downstream AV devices. It supports HDMI 2.1 bandwidth up to 48 Gbps, video resolutions up to 8K at 60 Hz, HDCP 2.3 and EDID management.

Automatic downscaling improves mixed-display compatibility by adapting the outgoing signal when a connected display requires a lower supported resolution. This makes the PS-H812 suitable for installations using different display capabilities while maintaining stable source negotiation through selectable EDID modes.

KEY FEATURES

- Distributes one HDMI source to two HDMI displays simultaneously.
- HDMI 2.1 signalling with aggregate bandwidth up to 48 Gbps.
- Supports video resolutions up to 8K@60 Hz.
- HDCP 2.3 support for protected digital content.
- Automatic output downscaling for mixed-resolution display systems.
- Selectable EDID management through the front-panel DIP switches.
- Front-panel LEDs for power, HDMI input and both HDMI outputs.
- USB-C SERVICE port for service or firmware-related use.
- Compact black metal enclosure for professional AV installations.
- External regulated 5 V DC power input.

PRODUCT CONNECTION VIEWS

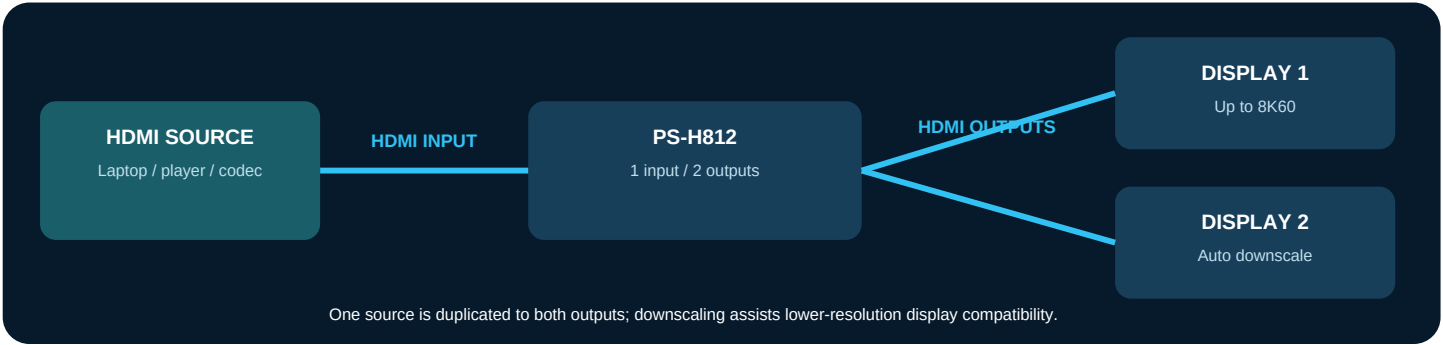


Front panel: IN, OUT 1, OUT 2, EDID and SERVICE



One HDMI input, two HDMI outputs and DC 5 V power

APPLICATION DIAGRAM - ONE HDMI SOURCE / TWO DISPLAYS



CONNECTOR AND CONTROL DETAILS

HDMI IN	Connects the single HDMI source device.
HDMI OUT 1 / OUT 2	Connect two HDMI displays or downstream AV devices.
DC 5 V	External regulated 5 V DC power input.
Power / IN LED	Shows power and HDMI source-input status.
OUT 1 / OUT 2 LEDs	Show the connection or activity status of each HDMI output.
EDID DIP switches	Select the required EDID mode for source/display compatibility.
USB-C SERVICE	Reserved for product service or firmware-related functions.
Auto downscale	Adapts output resolution when required by the connected display.

TECHNICAL SPECIFICATIONS

Model	PS-H812	Downscaling	Automatic
Product type	1x2 HDMI splitter	EDID control	DIP-switch selectable
HDMI standard	HDMI 2.1	Service port	USB Type-C SERVICE
Bandwidth	Up to 48 Gbps	Power input	5 V DC
Resolution	Up to 8K@60 Hz	Housing	Black metal enclosure
HDCP	HDCP 2.3	Indicators	Power, IN, OUT 1, OUT 2
Video input	1 x HDMI Type-A	Warranty	3 years parts and labor
Video outputs	2 x HDMI Type-A	Installation	Desktop / equipment shelf
Distribution	Simultaneous dual output		

TYPICAL APPLICATIONS

- Boardrooms and meeting rooms
 - Home theatre and gaming
- Training rooms and classrooms
 - Showrooms and test benches
- Retail and digital signage
 - Dual-display AV distribution