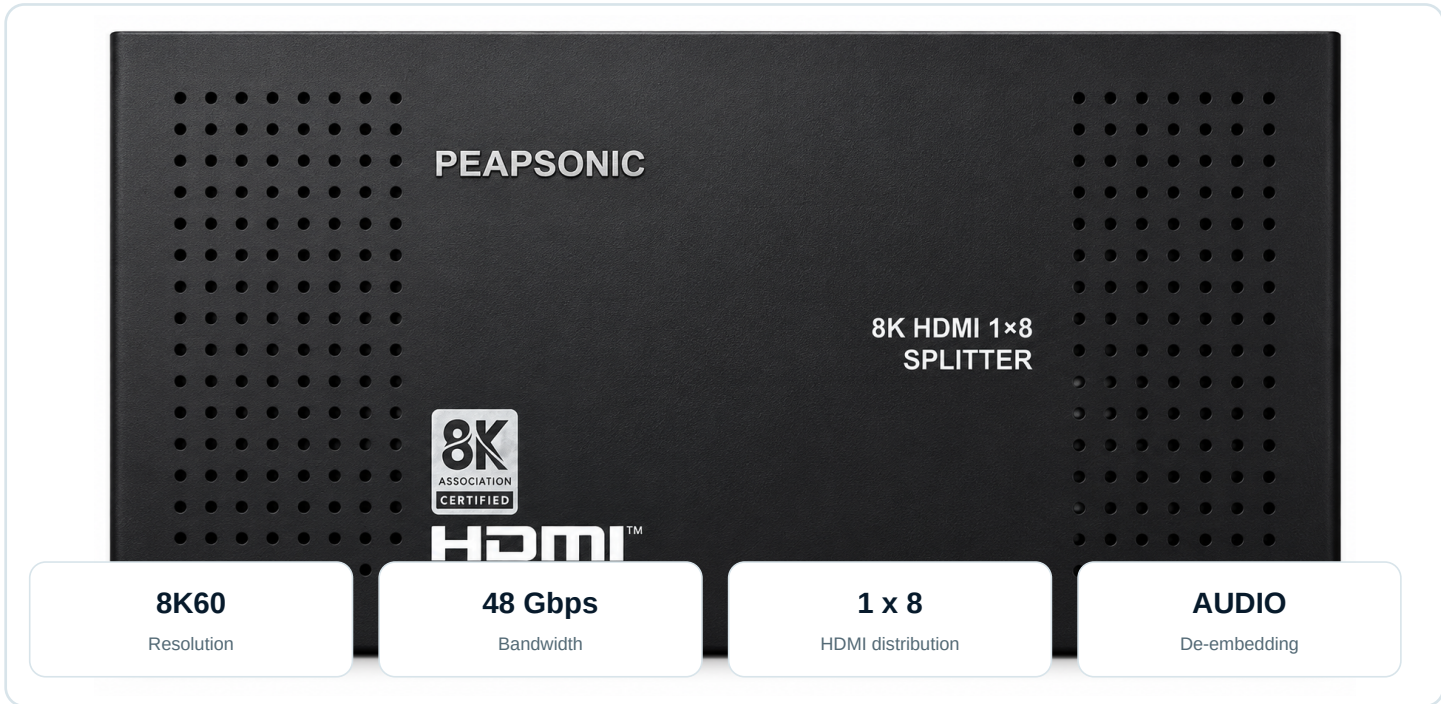


PS-H818 | 8K60 1x8 HDMI SPLITTER

HDMI 2.1 | 48 Gbps | HDCP 2.3 | EDID | Optical and analogue audio out



PRODUCT OVERVIEW

The Peapsonic PS-H818 is a high-performance 1-input, 8-output HDMI splitter for distributing one HDMI source simultaneously to eight 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 selectable EDID management.

Integrated audio de-embedding provides optical S/PDIF and L/R analogue audio outputs, allowing HDMI audio to feed an amplifier, sound system or other audio equipment independently of the connected displays.

KEY FEATURES

- Distributes one HDMI source to eight 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.
- Optical S/PDIF and L/R analogue audio de-embedding.
- Selectable EDID management through the front-panel DIP switches.
- Front-panel LEDs for power, HDMI input and outputs 1-8.
- USB-C SERVICE port for service or firmware-related use.
- Ventilated black metal enclosure for professional AV installations.
- External regulated 12 V DC power input.

PRODUCT CONNECTION VIEWS

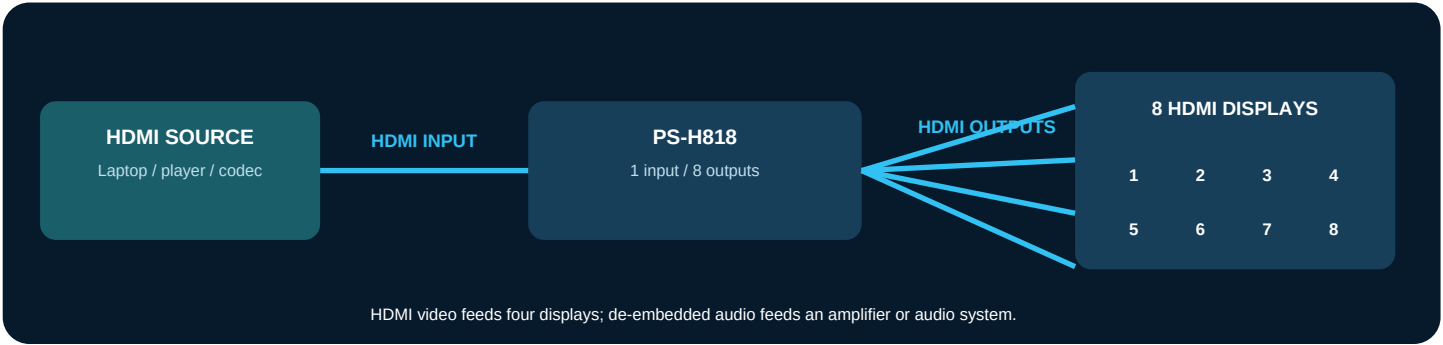


Front panel: IN, OUT 1-8, EDID and SERVICE



HDMI input/output, optical, L/R audio and DC 12 V

APPLICATION DIAGRAM - ONE HDMI SOURCE / EIGHT DISPLAYS



CONNECTOR AND CONTROL DETAILS

HDMI IN	Connects the single HDMI source device.
HDMI OUT 1-8	Connect eight HDMI displays or downstream AV devices.
OPTICAL	Digital S/PDIF audio output for an amplifier or audio processor.
L/R	Analogue stereo audio output for speakers or an amplifier.
DC 12 V	External regulated 12 V DC power input.
Power / IN / OUT LEDs	Show power, source input and individual output status.
EDID DIP switches	Select the required EDID mode for source/display compatibility.
USB-C SERVICE	Reserved for product service or firmware-related functions.

TECHNICAL SPECIFICATIONS

Model	PS-H818	Audio de-embed	Optical + L/R analogue
Product type	1x8 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	12 V DC
Resolution	Up to 8K@60 Hz	Housing	Ventilated metal enclosure
HDCP	HDCP 2.3	Indicators	Power, IN, OUT 1-8
Video input	1 x HDMI Type-A	Warranty	3 years parts and labor
Video outputs	8 x HDMI Type-A	Installation	Desktop / equipment shelf
Distribution	Simultaneous eight output		

TYPICAL APPLICATIONS

- Large meeting and training rooms
 - Showrooms and demonstrations
- Retail and digital signage
 - Control rooms and monitoring
- Sports bars and hospitality
 - Eight-display AV distribution