

4K60 1x4 HDMI Splitter with Optical + Analog Audio Extraction

Break Audio Out to a Legacy Amp or DSP - S/PDIF Dolby/DTS Bitstream, PCM 2.0 on 3.5mm, 18Gbps 4:4:4 Pass-Through

MPN: SP-HDMI1X4A-18G



Feeds one 4K60 4:4:4 HDMI source to four displays while handing a clean audio feed off to a legacy amp or DSP — without a separate de-embedder in the rack. Housed in a black metal enclosure and powered by an external 5V/1A supply, this 1x4 distribution amplifier passes the full 18Gbps of HDMI 2.0b to all four outputs with HDCP 2.2 and 1.4 compliance. It is the right choice for boardrooms, signage clusters, lecture halls and media rooms where deterministic EDID, an onboard downscaler and audio breakout matter more than 8K bandwidth or KVM.

Dial-selectable EDID COPY and AUTO modes give integrators a deterministic handshake across mixed displays instead of the lowest-common-denominator guess of a basic splitter, and a single global 4K to 1080P downscale switch drives older 1080p screens and projectors from the same 4K source. Audio de-embeds to two destinations at once: optical S/PDIF carrying LPCM, Dolby 5.1, Dolby TrueHD, DD+ and DTS bitstream for a surround processor, and analog L/R (PCM 2.0) on a 3.5mm jack for a stereo amp or ceiling-audio zone. That combination — full 18Gbps distribution, deterministic EDID, onboard downscaling and dual audio de-embed in one metal chassis — is what sets it apart from disposable prosumer splitters.

 18Gbps 4K60 4:4:4	 1x4 HDMI 2.0b Distribution	 Audio De-Embed Optical + 3.5mm	 EDID COPY / AUTO Modes	 4K to 1080P Onboard Downscaler
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KEY FEATURES

- 1x4 distribution at full 18Gbps — 4K60 4:4:4 to all four HDMI outputs
- HDCP 2.2 and 1.4 compliant, HDMI 2.0b
- Optical S/PDIF and analog L/R (3.5mm) audio de-embed at the same time
- Optical carries Dolby TrueHD/DD+ and DTS bitstream; analog is PCM 2.0
- Dial-selectable EDID COPY and AUTO modes for a deterministic handshake
- Global 4K to 1080P downscaler or straight bypass, set by a panel switch
- Metal enclosure with external 5V/1A power supply

SPECIFICATIONS

HDMI / HDCP	HDMI 2.0b - HDCP 2.2 / 1.4
Bandwidth	18Gbps - 4K60 4:4:4
Resolution	Up to 4K2K@60Hz (4:4:4), 1080p, 720p
Color	RGB, YCbCr 4:4:4/4:2:2 - 8-bit 4K / 12-bit 1080p
Scaler	4K to 1080P downscale or bypass (all outputs)
EDID	COPY / AUTO - panel dial switch
Inputs / Outputs	1x HDMI in - 4x HDMI out
Audio Out	Optical S/PDIF + analog L/R (3.5mm)
Optical Formats	LPCM, Dolby 5.1/TrueHD/DD+, DTS 5.1/HD
Analog Format	PCM 2.0
Power	DC 5V/1A - 3.5W - AC 100-240V adapter
Dimensions / Weight	7.09 × 2.44 × 0.55 in · 0.50 lbs (227 g)
Package Contents	1x 1x4 HDMI 2.0 Splitter • 1x 5V/1A Power Adapter

APPLICATIONS

 Boardrooms Four displays plus room DSP	 QSR Signage 4K player to 1080p screens	 Houses of Worship Stereo feed to legacy amp	 Lecture Halls One source, four screens	 Sports Bars Program audio to zoned amp
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