



HDMI 18G Audio Embedder

No.: 38203

Embed separate audio into an HDMI video signal

Description

- Embeds digital or analogue audio into an HDMI signal
- TosLink [Optical] & 3.5mm audio inputs
- 4K UHD 4096x2160 @60Hz video pass-through, with additional support for HDR
- CEC and High Bit Rate Audio Pass-through
- 2 year warranty

HDMI audio embedders are a great solution for connecting digital or analogue audio inputs and overlay a separate audio signal to the HDMI video content.

The Lindy HDMI 18G Audio Embedder allows the user to seamlessly embed both digital and analogue audio from a TosLink [Optical] or 3.5mm device and output to the HDMI signal, while also sending the video signal to a 4K UHD display or projector. This is a great solution for connecting separate audio inputs to compliment the video content such as in sports bars when playing alternative commentary over a live event or playing external music over digital advertising in a retail setup.

This embedder supports full 18G HDMI 2.0 bandwidth to display 4K UHD 4096x2160@60Hz resolutions with additional pass-through support for the REC.2020 colour space that covers the wider colour gamut required for HDR [high dynamic range] content, providing enhanced contrast and more lifelike colour.

Featuring support for HDCP 2.2, this device is ideal for use with the latest source devices including set-top boxes, games consoles and media players.

With support for multi-channel audio including Dolby Digital 5.1 via Optical and analogue stereo via a 3.5mm connection, this device will ensure an impressive three-dimensional surround sound performance to compliment films, games and music.

HDMI High Bit Rate audio pass through also allows high-resolution audio files to playback without compression for a flawless music listening experience.

Technical details

Specifications

- Video Interface: HDMI
- Interface Standard: 2
- Supported Bandwidth: 18Gbps

- Maximum Resolution: 3840x2160@60Hz 4:4:4 8bit, 3840x2160@60Hz 4:2:2 12bit
- HDCP Support: 2.2
- Audio Interface: HDMI, TosLink (Optical), 3.5mm
- Chipset: SiI9396SCNUC-HDC
- Supported Audio:
 - HDMI (Pass-Through): Dolby Digital 2/5.1CH, DTS Audio 2/5.1CH, Dolby DigitalPlus, DTS-HD Master Audio, Dolby TrueHD
 - TosLink (Optical): LPCM 2.0, Dolby Digital 2/5.1CH, DTS Audio 2/5.1CH, DTS Audio 2CH, Dolby Digital 2CH
 - 3.5mm: LPCM 2.0
- Maximum Supported Audio Sample Rate: 24-bit / 192KHz
- Input Impedance: 100 Ohm
- Output Impedance: 100 Ohm
- Output Voltage: 5V
- Frequency Response: -
- Signal to Noise Ratio: -
- Special Features: HDR Support, CEC Pass-through

Connectors

- Input: HDMI Type A (Female)
 - TosLink (Optical) (Female)
 - 3.5mm (Female)
- Output: HDMI Type A (Female)
- Power: 5.5/2.1mm

Physical Properties

- Dimensions (approx.) WxDxH: 73.5x60.7x17mm [2.89x2.39x0.67in]
- Housing Material: Metal
- Net Weight: 0.235kg [0.52lb]
- Operating Temperature: 0°C - 40°C [32°F - 104°F]
- Storage Temperature: -20°C - 60°C [-4°F - 140°F]
- Humidity: 20 - 90% RH (non-condensing)
- Power Requirements: 5VDC 1A
- Colour: Black

Miscellaneous

- Packaging Type: Carton Box
- Packaging Dimensions: 115x85x70mm [4.53x3.35x2.76in]
- Gross Weight: 0.306kg [0.67lb]
- Warranty (Years): 2
- Certificated: CE, FCC, RoHS, REACH & California Proposition 65

Package Contents

- HDMI 18G Audio Embedder
- Multi-country Power Supply (UK, EU, US & AUS)
- Lindy Manual

Purchasing Information

- No.: 38203
- EAN: 4002888382038