



AU-11PRO

Full 4K HDMI Audio Extractor/De-embedder with ARC

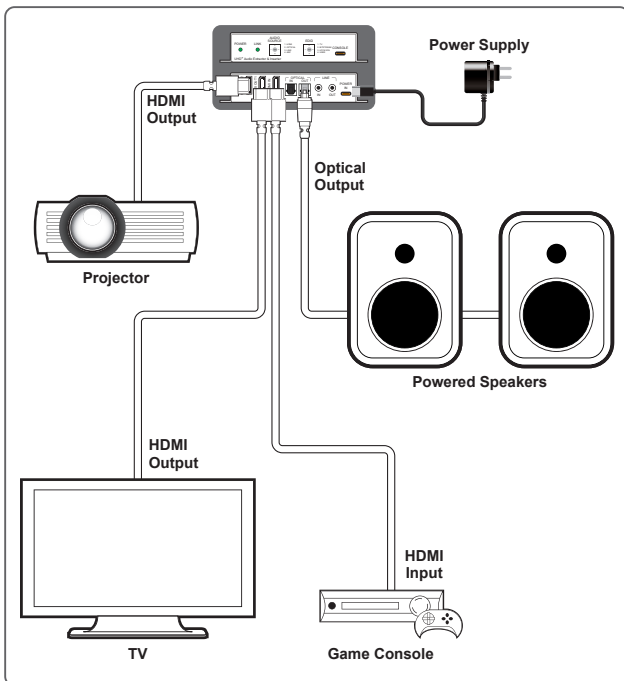


The AU-11PRO is an Audio Extractor & Inserter that can take the selected audio from an HDMI, ARC (from HDMI Output 1), optical, or analogue source and output it simultaneously over the unit's HDMI, optical, and analogue outputs. This allows the user to convert an audio source using high quality ADC/DAC processing for use with powered speakers or an AV receiver that otherwise would not be able to support the original format. The HDMI input and mirrored HDMI output ports support resolutions up to 4K@60Hz (4:4:4, 8-bit) and advanced video content such as HDR (High Dynamic Range), 10-bit color is also supported. The built-in EDID management controls allow the user to select from multiple pre-configured EDIDs, including the option for a custom user uploaded EDID.

PANELS



DIAGRAM



FEATURES

- HDMI 2.0 and DVI 1.0 compliant
- HDCP 1.x and 2.2 compliant
- 1 HDMI input and 2 mirrored HDMI outputs
- Supports up to 4K UHD + (18Gbps, 4K@50/60Hz 4:4:4, 8-bit) video input and output
- Supports pass-through of 10/12-bit HDR sources
- HDMI supports pass-through of multiple audio formats including LPCM (up to 8 channels), Bitstream and HD Bitstream
- Freely selectable audio extraction source

Note: Optical output is limited to LPCM 2.0 and standard Bitstream sources. Analogue audio output is limited to LPCM 2.0 sources Controllable via front panel selector dials and RS-232 style control via a Virtual COM port over USB-C

- Provides EDID management with EDID bypass, 2 pre-made EDIDs, and a user modifiable EDID

SPECIFICATIONS

Interfaces

Input Port	1 HDMI (Type-A) 1 Optical (S/PDIF) 1 Analogue Stereo (3.5mm)
Output Port	2 HDMI (Type-A) 1 Optical (S/PDIF) 1 Analogue Stereo (3.5mm)
Control I/O	1 USB (Type-C)

Video

HDMI Compliance	HDMI 2.0
Input Signal Type	4K@60 YUV 4:4:4
Output Signal Type	4K@60 YUV 4:4:4

Resolutions

Maximum Input	HDMI	3840x2160p@60 YUV 4:4:4
Maximum Output	HDMI	3840x2160p@60 YUV 4:4:4

Audio

HDMI	LPCM (2 Channels)
Line In	2 Vrms S/N Ratio: > 80dB (1kHz with 0dBFS)
Line Out	2 Vrms S/N Ratio: > 80dB (1kHz with 0dBFS)

Power

Power Supply	5V/3A DC
Power Consumption	3.5W

Enclosure

Chassis Material	Metal (Steel)
Chassis Colour	Black
Dimensions (WxHxD)	128mmx75mmx25mm [Case Only] 128mmx79mmx25mm [All Inclusive]
Weight	300g

Field Firmware Update

PC

ORDERING INFORMATION

Model No.	Product Description
AU-11PRO	UHD+ Audio Extractor & Inserter