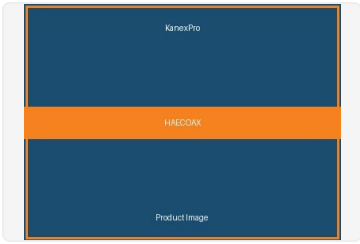


HDMI Audio De-Embedder

Extract Stereo and Surround Audio from Any HDMI Source to Optical, Coaxial, and Analog

HAECOAX

The KanexPro HAECOAX is a straightforward HDMI audio de-embedder designed for reliable audio extraction from HDMI sources in legacy and value-tier installations. It extracts HDMI digital audio output simultaneously to stereo analog and S/PDIF digital outputs — providing uncompressed multichannel aud...



3 Outputs
Optical-Coax-Analog

1080p/60
HDMI 1.3 Deep Color

2.0/5.1CH
Front-panel select

HDCP
Full compliance

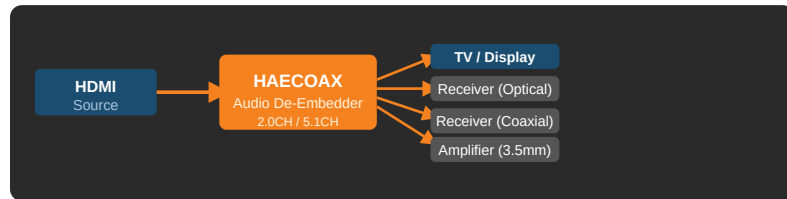
3D & CEC
Pass-through

Auto EQ
Cable equalization

KEY FEATURES

- ▶ Extracts HDMI digital audio output simultaneously to Toslink optical, coaxial S/PDIF, and 3.5mm stereo analog
- ▶ HDCP compliant — compatible with all HDCP-protected content sources
- ▶ Supports 3D and CEC pass-through
- ▶ Front-panel 2.0CH / 5.1CH audio channel selection button
- ▶ Dual-color LED: red = power, purple = active (power + signal)
- ▶ Supports data rates up to 6.75Gbps — HDMI 1.3 with Deep Color
- ▶ HDTV resolutions to full 1080p/60 and PC resolutions to 1920×1200
- ▶ Supports uncompressed audio (LPCM) and compressed formats (DTS Digital, Dolby Digital)
- ▶ Supports Color Depth up to 12-bit per channel (36-bit all channels)
- ▶ Automatic input cable equalization for reliable performance on longer cable runs
- ▶ Selectable audio pass-through switching for flexible system integration

SIGNAL FLOW



SPECIFICATIONS

Video	
HDMI	HDMI 1.3, HDCP
Bandwidth	6.75Gbps / 225MHz
Resolution	1080p/60; 1920×1200 PC
Color Depth	Up to 12-bit/channel
3D / CEC	Pass-through
Audio	
Formats	LPCM, Dolby Digital, DTS
Channels	2.0CH or 5.1CH selectable
Connections	
Input	1× HDMI Female
Output	1× HDMI Female 1× Toslink Optical 1× Coaxial S/PDIF 1× 3.5mm Stereo
Mechanical	
Power	DC 5V @ 2A
Consumption	2.5W Max
Cable EQ	Auto equalization
Warranty	1 Year Limited