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FC-46H2

4K HDR HDMI Audio De-embedder

| HDMI | 4K/60 UHD (4:4:4) | 4K HDR



The FC-46H2 is a professional HDMI audio de-embedder for HDMI signals up to 4K@60Hz (4:4:4) resolution. The unit de-embeds the audio signal from the HDMI input or from the HDMI output ARC (Audio Return Channel) and simultaneously outputs it to the S/PDIF® and 5-pin balanced audio outputs

FEATURES

Professional HDMI Audio De-embedder - De-embeds the audio from HDMI signals with resolution up to 4K@60Hz (4:4:4) and data rate up to 18Gbps (6Gbps per graphic channel), deep color up to 12-bit, supporting HDR and HDCP 2.2/1.4

Flexible De-embedding - De-embed the audio from the HDMI input or from the HDMI output ARC (Audio Return Channel)

Varied Output Options - De-embedded audio is simultaneously output to an S/PDIF® and 5-pin balanced audio outputs

Smart EDID Management - Select one of the EDID management modes using the DIP-switches: pass-through, lock or force 2 channel LPCM

Kramer re-Klocking™ and Equalization Technology - Rebuilds the digital signal to travel longer distances

Convenient Control and Maintenance - Audio Source front panel button enables local switching to either the HDMI input audio or the HDMI output ARC. Audio source, audio output, and power LED indicators enable easy local maintenance and troubleshooting. Local firmware upgrade via the mini USB port ensures lasting, field-proven deployment

Easy Installation - Compact DigTOOLS® fan-less enclosure for surface mounting or side-by-side mounting of 3 units in a 1U rack space with the recommended rack adapter



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TECHNICAL SPECIFICATIONS

Inputs	HDMI: On a female HDMI connector
Outputs	HDMI: On a female HDMI connector S/PDIF Digital Audio: On an RCA connector Balanced Stereo Analog Audio: On a 5-pin terminal block connector
Video	Bandwidth: Up to 18Gbps (6Gbps per graphic channel) Color Depth Up to 12-bit Max. Resolution: Up to 4K@60 (4:4:4) HDMI Support 4K@60Hz and ARC as specified in HDMI 2.0 Content Protection Supports HDCP 2.2
Audio	Frequency Response: 20Hz to 20kHz @ +/-0.1dB S/N Ratio: >90dB THD+N: 0.004%
User Interface	Control: Setup DIP-switches for EDID mode, audio settings, analog audio amplification. Contact closure switch for:output mute Indicators: Audio sources (IN and OUT), Audio output (DIG and ANALOG), and ON LEDs
Power	Consumption: 5V DC, 370mA Source: 5.2V DC, 4A
Environmental Conditions	Operating Temperature: 0° to +40°C (32° to 104°F) Storage Temperature: -40° to +70°C (-40° to 158°F) Humidity: 10% to 90%, RHL non-condensing
REGULATORY	Safety: CE, Environmental: RoHs, WEEE
Enclosure	Size: Tool Type: Aluminum Cooling: Convection ventilation
Accessories	Included: 1 Power adapter, 1 power cord and 1bracket set per device
Product Dimensions	12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96") W, D, H
Product Weight	0.2kg (0.5lbs) approx
Shipping Dimensions	49.00cm x 18.60cm x 58.80cm (19.29" x 7.32" x 23.15") W, D, H
Shipping Weight	0.7kg (1.5lbs) approx



