



FC-46H2

4K HDR HDMI Audio Deembedder

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



The FC46H2 is a professional HDMI audio deembedder for HDMI signals up to 4K@60Hz (4:4:4) resolution. The unit deembeds 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 5pin balanced audio outputs

FEATURES

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

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

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

Smart EDID Management - Select one of the EDID management modes using the DIPswitches: passthrough, 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, fieldproven deployment

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



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 5pin terminal block connector
Video	Bandwidth: Up to 18Gbps (6Gbps per graphic channel) 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 DIPswitches 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 noncondensing
REGULATORY	Safety: CE, Environmental: RoHs, WEEE
Enclosure	Size: Tool Type: Aluminum Cooling: Convection ventilation
Accessories	Included: 1 Power adapter, 1 power cord and 1 bracket 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	15.70cm x 12.00cm x 8.70cm (6.18" x 4.72" x 3.43") W, D, H
Shipping Weight	0.7kg (1.5lbs) approx

