FC-69 is a high-performance 4K@60Hz (4:2:0), 4Kx2K HDMI audio embedder and de-embedder. The unit can embed analog audio to the HDMI output or de-embed audio from the HDMI input or from the HDMI output Audio Return Channel to S/PDIF and unbalanced stereo audio outputs simultaneously.

**FEATURES**

- **Max. Resolution** - 4K@60Hz (4:2:0), 4Kx2K
- **Max. Data Rate** - 8.91Gbps (2.97Gbps per data channel)
- **HDTV Compatible**
- **HDCP Compliant**
- **HDMI Support** - ARC, 7.1 PCM, deep color
- **Audio Embedding** - Even without an HDMI source
- **Audio de-Embedding** - To unbalanced analog and S/PDIF, selectable from input or ARC
- **Kramer Equalization & re-Klocking™ Technology** - Rebuilds the digital signal to travel longer distances
- **Sleep Mode** - 5V on the output, following the input, allows the display to turn off when no video is being sent
- **Preconfigured Control Options** - DIP-switches control locking/modifying EDID, HDCP, embedding/de-embedding and sleep mode functionality
TECHNICAL SPECIFICATIONS

INPUT: 1 HDMI on an HDMI connector, 1 analog stereo audio on a 3.5mm mini jack

OUTPUTS: 1 HDMI on an HDMI connector, 1 S/PDIF digital audio on an RCA connector, 1 analog stereo audio on a 3.5 mm mini jack

MAX DATA RATE: 8.91Gbps (2.97Gbps per graphic channel), 1080p @60Hz, 36-bit Deep Color, supports 4K@60 UHD (4:2:0), 4Kx2K

AUDIO THD+N: –75dB

COMPLIANCE WITH HDMI STANDARD: Supports HDMI, HDCP

CONTROLS: 8-way DIP-switch

INDICATOR LEDS: ON, IN, OUT, HDCP

POWER SOURCE: 5V DC, 500mA

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

COOLING: Convection

ENCLOSURE TYPE: Aluminum

RACK MOUNT: With optional adapter

FURNITURE MOUNT: With included rubber feet

VIBRATION: ISTA 1A in carton (International Safe Transit Association)

REGULATORY COMPLIANCE: CE

ENVIRONMENTAL REGULATORY COMPLIANCE: RoHs and WEEE

INCLUDED ACCESSORIES: Power supply

WARRANTY: 7 years parts and labor

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 (0.4lbs) approx

Shipping Dimensions: 15.70cm x 12.00cm x 8.70cm (6.18” x 4.72” x 3.43”) W, D, H

Shipping Weight: 0.5kg (1.0lbs) approx