



FC-69

HDMI Audio Embedder/De-Embedder



The FC-69 is a high-performance Ultra-HD (4K) 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

- **Maximum Data Rate** - 8.91Gbps (2.97Gbps per data channel).
- **HDTV Compatible** - Support for resolutions up to Ultra-HD (4096x2160).
- **HDCP Compliant**.
- **HDMI Support** - ARC and HDMI uncompressed audio channels, deep color, CEC.
- **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.
OPERATION FREQUENCY:	Supports up to 8.91Gbps (2.97Gbps per graphic channel), 1080p @60Hz, 36-bit Deep Color.
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI, HDCP.
CONTROLS:	8-way DIP-switch.
INDICATOR LEDS:	ON, IN, OUT, HDCP.
POWER SOURCE:	5V DC, 730mA.
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:	Aluminium.
DIMENSIONS:	12.1cm x 7cm x 2.7cm (4.76" x 2.76" x 1.06") W, D, H.
RACK MOUNT:	With optional adapter.
FURNITURE MOUNT:	With included rubber feet.
PRODUCT WEIGHT:	0.4kg (0.88lbs) approx.
SHIPPING WEIGHT:	0.68kg (1.5lbs) approx.
VIBRATION:	ISTA 1A in carton (International Safe Transit Association).
REGULATORY COMPLIANCE:	CE.
ENVIRONMENTAL REGULATORY COMPLIANCE:	Complies with appropriate requirements of RoHs and WEEE.
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	RK-3T 19" rack adapter.
WARRANTY:	7 years parts and labor.

