VM-2H2
1:2 4K60 4:4:4 HDCP 2.2 HDMI 2.0 DA

The VM−2H2 is a 1:2 distribution amplifier for up to 4K@60Hz (4:4:4) HDMI 2.0 signals, complying with HDCP 2.2 content protection standard. The unit takes one HDMI input, equalizes and reclocks the signal and distributes it to two identical outputs.

FEATURES

- **Transmitted Data Bandwidth** - 17.82Gbps (5.94Gbps per graphic channel).

- **Video Resolution** - Up to 4K@60Hz (4:4:4).

- **HDMI Signal Transmission** - HDMI 2.0 and HDCP 2.2 compliant signal, supporting deep color, x.v.Color™, lip sync, HDMI uncompressed audio channels, Dolby TrueHD, DTS−HD, CEC (OUT 1 only), 2K, 4K, and 3D.

- **I−EDIDPro™ Kramer Intelligent EDID Processing™** - An intelligent EDID handling, locking, processing and pass−through algorithm ensures Plug and Play operation for HDMI source and display systems.

- **Kramer Equalization & re-Klocking™ Technology** - Rebuilds the digital signal to travel longer distances.

- **Force RGB** - When the display lacks YCbCr capabilities, the user can force native delivery of the RGB color format in HDMI content to improve picture quality.

- **Selectable HDCP Authorization** - Allows the user to control the appearance of an HDCP or non−HDCP input to the source to permit delivery of protection−free content, such as personal clips and charts, without HDCP encryption. HDCP protected content is not passed in non−HDCP mode.

- **Field Maintenance** - RS−232 connection for simple field firmware upgrade with Kramer K−Upload tool, easy EDID handling with Kramer EDID−Designer tool, status indicators for HDMI input and output connected signals, and power indicator, for ease of maintenance and troubleshooting.

- **Easy Installation** - Compact Mega TOOLS™ fan−less enclosure for over−ceiling mounting, or side−by−side mounting of 2 units in a 1U rack space with the optional RK−T2B rack adapter.

TECHNICAL SPECIFICATIONS

INPUT:	1 HDMI connector.
OUTPUTS:	2 HDMI connectors.
PORT:	1 RS−232 for firmware upgrade.
MAX. DATA RATE:	17.82Gbps (5.94Gbps per graphic channel) supporting resolutions up to 4K @60Hz (4.4.4).
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI 2.0 and HDCP 2.2.
INDICATOR LEDs:	ON, IN, OUT 1 to 2.
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.
POWER CONSUMPTION:	5V DC, 730mA.
DIMENSIONS:	18.75cm x 11.5cm x 2.54cm (7.4" x 4.5" x 1.0") W, D, H, ½ 19" 1U.
WEIGHT:	0.17kg (0.37lb).
SHIPPING DIMENSIONS:	35.1cm x 21.2cm x 7.2cm (13.8" x 8.4" x 2.8") W, D, H.
SHIPPING WEIGHT:	0.67kg (0.67lb).
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	RK−T2B 19" rack adapter.