KRAMER

VM-2H2
1:2 4K HDR HDMI DA

VM−2H2 is a 1:2 distribution amplifier for up to 4K HDR, HDMI 2.0 signals that comply 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

- **Max. Data Rate** - 17.82Gbps (5.94Gbps per graphic channel).

- **Max. Resolution** - 4K@60Hz (4:4:4).

- **HDMI Signal Transmission** - HDR, HDMI 2.0 and HDCP 2.2 compliant signal, supporting deep color, x.v.Color™, lip sync, 7.1 PCM, 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 rack mounting.

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 HDR10, 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.
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	RK−T2B 19" rack adapter.
PRODUCT DIMENSIONS:	18.75cm x 11.50cm x 2.54cm (7.38" x 4.53" x 1.00") W, D, H
PRODUCT WEIGHT:	0.4kg (0.9lbs) approx.
SHIPPING DIMENSIONS:	34.50cm x 16.50cm x 5.20cm (13.58" x 6.50" x 2.05") W, D, H
SHIPPING WEIGHT:	1.0kg (2.1lbs) approx.