



VM-3H2

1:3 4K60 4:4:4 HDCP 2.2 HDMI 2.0 DA



The VM-3H2 is a 1:3 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 three 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: | 3 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 3. |
| 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. |

