



# KRAMER

## VM-114H

2x1:4 HDMI & PoC Long-reach DGKat with  
RS-232 & IR to HDMI switchable DA

| HDMI | HDCP Compliant | DGKat



The VM-114H is a PoC switcher/distribution amplifier for HDMI and DGKat™ twisted pair signals. It reclocks and equalizes one of two selectable input signals and distributes it to four identical HDMI outputs

### FEATURES

**Max. Data Rate** - 6.75Gbps (2.25Gbps per graphic channel, HDMI), 4.95Gbps (1.65Gbps per graphic channel, DGKat)

**HDTV Compatible**

**HDCP Compliant**

**DGKat™ Signal Integration** - Kramer's unique technology for converting TMDS as well as control and communication to signals that run over twisted pair cables

**EDID Pass-through** - Pass-through algorithm ensures Plug and Play operation for HDMI source and display systems

**HDMI Support** - Deep Color (on the HDMI input), x.v.Color™, HDMI Uncompressed Audio Channels, Dolby TrueHD, DTS-HD

**3D Pass-Through**

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

**System Range** - Up to 90m (295ft) at 1080i @60hz or up to 70m (230ft) at 1080p @ 60hz when using Kramer DGKat cables. Note: Transmission range depends on the signal resolution, graphics card and display used. If using third-party shielded CAT cables, both ends of the shield must be soldered to the connectors for the products to function properly

**Active Input & Output LED Indicators**

**Power Connect™ System** - A single connection to the transmitter or the receiver powers both units when the devices are within 90m (270ft) of each other

**Flexible Control Options** - Front panel buttons, RS-232, IR control sensor, remote included

**Desktop Size** - Compact size. 2 units can be rack mounted side-by-side in a 1U rack space with the recommended rack adapter



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## TECHNICAL SPECIFICATIONS

INPUTS:	1 HDMI connector; 1 DGKat™ on an RJ-45 connector
OUTPUTS:	4 HDMI connectors
MAX. DATA RATE:	6.75Gbps (2.25Gbps per graphic channel, HDMI), 4.95Gbps (1.65Gbps per graphic channel, DGKat)
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI and HDCP
CONTROLS:	Input select button, EDID select button, panel lock button
INDICATOR LEDs:	IR communication, power, IN 1 (HDMI), IN 2 (CAT 5), OUTPUT 1, 2, 3 and 4
POWER CONSUMPTION:	12V DC, 500mA
INCLUDED ACCESSORIES:	Power supply, bracket installation kit, RC-IR3 infrared remote control transmitter
PRODUCT DIMENSION:	21.46cm x 16.30cm x 4.36cm (8.45" x 6.42" x 1.72" ) W, D, H
PRODUCT WEIGHT:	0.9kg (2.0lbs) approx
SHIPPING DIMENSION:	35.10cm x 21.20cm x 7.20cm (13.82" x 8.35" x 2.83" ) W, D, H
SHIPPING WEIGHT:	1.4kg (3.1lbs) approx

