



# KRAMER

## VM-212DT

2x1:2 4K UHD HDMI and HDBaseT Distribution Amplifier



The VM-212DT is a 4K UHD looping distribution amplifier for HDMI & HDBaseT signals. It reclocks and equalizes the signal and distributes it to two identical HDBaseT outputs and a looping HDMI output. It supports resolutions up to 4K@60Hz (4:2:0) UHD. This product offers the versatility of control options and audio de-embedding.

## FEATURES

- Resolution Support - Up to 4K@60Hz (4:2:0) UHD.
- Max. Data Rate - 10.2Gbps (3.4Gbps per graphic channel).
- HDTV Compatible.
- HDCP Compliant - Works with sources that support HDCP repeater mode.
- HDMI Support - Deep Color, x.v.Color™ and 3D.
- Automatic Live Input Detection - Based on video clock presence.
- Automatic Analog Audio Detection & De-embedding.
- Looping HDMI Output - Allow monitoring and cascading to additional DAs.
- I-EDIDPro™ Kramer Intelligent EDID Processing™ - Intelligent EDID handling & processing algorithm ensures Plug and Play operation for HDMI systems.
- System Range - Up to 130m (430ft) at normal mode (2K), up to 100m at normal mode (4K); up to 180m (590ft) ultra mode (1080p @60Hz @24bpp) when using BC-HDKat6a cables.
- Data Equalization and Reclocking.
- Support for Digital Audio Formats.
- Lockable EDID and Default EDID - For fast and efficient connection of the unit.
- Support for EDID Designer.

TECHNICAL SPECIFICATIONS

INPUTS:	1 HDMI connector, 1 HDBT twisted pair on an RJ-45 connector.
OUTPUTS:	1 HDMI connector, 2 HDBT twisted pair on RJ-45 connectors.
MAX.DATA RATE:	10.2Gbps (3.4Gbps per graphic channel, HDMI).
COMPLIANCE WITH HDMI STANDARDS:	Supports HDMI and HDCP.
CONTROLS:	Input select button, EDID select button, panel lock button, RS-232, local and remote IR controls.
INDICATOR LEDs:	IR communication, Power, IN 1 HDMI, IN 2 HDBT, OUTPUT 1 and 2, EDID TYPE Default, External, Output.
POWER CONSUMPTION:	100–240V AC 50/60Hz 16VA.
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:	Forced air, fan.
ENCLOSURE TYPE:	Aluminum.
RACK MOUNT:	With included rack “ears”.
DIMENSIONS:	43.64cm x 18.3cm x 4.36cm, W, D, H (19" x 1U).
PRODUCT WEIGHT:	1.56kg (3.44lbs) approx.
SHIPPING WEIGHT:	2.7kg (5.95lbs) approx.
VIBRATION:	ISTA 1A in carton (International Safe Transit Association).
SAFETY REGULATORY COMPLIANCE:	CE.
ENVIRONMENTAL REGULATORY COMPLIANCE:	Complies with appropriate requirements of RoHs and WEEE.
INCLUDED ACCESSORIES:	Power cord, rack “ears”.

