



VM-73

1:3 Multi-Format Video, HDMI & Computer Graphics Video Distribution Amplifier



The **VM-73** is a 5-input multi-format distribution amplifier for composite, s-Video (Y/C), component (YUV), computer graphics video and HDMI signals. The unit is five 1:3 distribution amplifiers in one package.

FEATURES

- **High Bandwidth** - Composite: 430MHz; s-Video (Y): 440MHz; component (YUV) 430MHz; computer graphics video: 405MHz (all values at -3dB).
- **HDTV Compatible.**
- **Max. Data Rate** - 6.75Gbps (2.25Gbps per graphic channel, HDMI).
- **HDCP & HDMI Compliant.**
- **Worldwide Power Supply** - 100-240V AC.
- **Standard 19" Rack Mount Size** - 1U. Rack "ears" included.



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TECHNICAL SPECIFICATIONS

INPUTS:	1 composite on a BNC connector, 1 s-Video on a 4-pin connector, 1 component (Y, Pb/Cb, Pr/Cr) on 3 RCA connectors, 1 XGA on a 15-pin HD connector, 1 HDMI on an HDMI connector.
OUTPUTS:	3 composite on BNC connectors, 3 s-Video on 4-pin connectors, 3 component (Y, Pb/Cb, Pr/Cr) on 3 RCA connectors each, 3 XGA on 15-pin HD connectors, 3 HDMI on HDMI connectors.
OUTPUT LEVEL:	1.8Vpp (composite), 1.9Vpp (Y/C), 2.0Vpp (component), 2.0Vpp (XGA).
BANDWIDTH (-3dB):	430MHz (composite), 440MHz (Y/C), 430MHz (component), 405MHz (XGA), 2.25Gbps (HDMI).
DIFF. GAIN:	0.05% (composite), 0.06% (Y/C), 0.05% (component), 0.05% (XGA).
DIFF. PHASE:	0.05Deg (composite), 0.02Deg (Y/C), 0.05Deg (component), 0.03Deg (XGA).
S/N RATIO (@5MHz):	62dB (composite), 62dB (Y/C), 74dB (component), 69dB (XGA).
COUPLING:	DC (composite); Y-DC, C-AC (Y/C); DC (component); DC (XGA).
K-FACTOR:	<0.05%.
CROSSTALK (all hostile):	-60dB.
POWER CONSUMPTION:	100-240V AC, 100mA.
DIMENSIONS:	19" x 7" x 1U W, D, H.
WEIGHT:	2kg (4.4lbs).
INCLUDED ACCESSORIES:	Power cord, rack "ears".

