



# 1:5 Video Distribution Amplifier

# VM-1015

The KRAMER VM-1015 is a full broadcast, state-of-the-art 1:5 video distribution amplifier designed for studio and other demanding applications. The VM-1015 splits a single input source into five identical outputs with no discernible signal degradation. Output signals can either be AC or DC coupled, black level or sync tip clamped, allowing the machine to

function in all video environments. The machine may be used to distribute analog or SDI (serial digital) video signals, composite or single component. Video bandwidth of well over 340 MHz and superb specifications make the VM-1015 the ultimate distributor for all video applications.

DISTRIBUTION AMPLIFIERS



## TECHNICAL SPECIFICATIONS

<b>INPUTS:</b>	1 video composite or single component, looping, 1Vpp / 75 $\Omega$ on BNCs with termination switch.
<b>OUTPUTS:</b>	5 composite / component video, 1Vpp / 75 $\Omega$ on BNCs.
<b>VIDEO BANDWIDTH:</b>	340 MHz. -3 dB.
<b>VIDEO S/N RATIO:</b>	Better than 75 dB.
<b>COUPLING:</b>	AC, DC - user selectable with one of four front panel switches.
<b>CONTROL:</b>	75 $\Omega$ termination switch.
<b>DC CLAMP:</b>	0 VDC black level, or sync bottom TIP.
<b>NON LINEARITY:</b>	<0.1%.
<b>DIFF. GAIN:</b>	0.08 %.
<b>DIFF. PHASE:</b>	0.12 Deg.
<b>K-FACTOR:</b>	<0.05%.
<b>GAIN CONTROL:</b>	-1.2dB to +2.8dB (through a trimmer on the front panel).
<b>EQ. CONTROL:</b>	0 to 2.7 dB @ 4.4 MHz.
<b>POWER SOURCE:</b>	230 VAC 50 / 60 Hz (115V U.S.A.), 4.6 VA.
<b>DIMENSIONS:</b>	19 inch (W), 7 inch (D) 1U (H) rack mountable.
<b>WEIGHT:</b>	2.5 kg, (5.5 lbs.) approx.
<b>ACCESSORIES:</b>	Power cable.

## TYPICAL APPLICATIONS

- ☐ Broadcast video duplication studios, delivering undiminished quality video duplicates.
- ☐ Video showrooms, delivering an identical picture to several monitors.
- ☐ Computer RGB / component video distribution using several VM-1015 units.