

**1:8 Video Distribution Amplifier****VM-80V**

The Kramer VM-80V is a broadcast quality distribution amplifier designed primarily for composite video signals on BNC connectors. Using a simple rear panel switch, it can be configured either as a single 1:8 DA, or as two separate 1:4s. In either mode its purpose is to provide identical outputs to drive multiple monitors, projectors or other receiving devices. Bandwidth exceeding 330MHz ensures transparent performance, even with high-resolution analog and SDI (serial digital) video signals. The inputs can be un-terminated to provide

looping capability, making it easy to create larger systems. The VM-80A is the companion unit for distributing balanced audio signals.

Two sets of recessed front panel controls are provided for fine-tuning of gain and high frequency EQ. The VM-80V is housed in a rugged, professional half-rack enclosure with an internal power supply allowing the use of a standard, detachable AC power cord. Two "80" series products can be mounted in one vertical rack space using the RK-80 kit.

**TECHNICAL SPECIFICATIONS**

<b>INPUTS:</b>	2 video, looping, 1 Vpp / 75 $\Omega$ , on BNCs with termination switches.
<b>OUTPUTS:</b>	2 x 4 video 1 Vpp / 75 $\Omega$ on BNCs.
<b>VIDEO BANDWIDTH:</b>	330 MHz. - 3 dB.
<b>COUPLING:</b>	AC or DC (internal selection).
<b>CONTROL:</b>	75 $\Omega$ termination switch, 1:8 or 2x1:4 selector switch.
<b>NON LINEARITY:</b>	Less than 0.1%.
<b>DIFF. GAIN:</b>	0.12%.
<b>DIFF. PHASE:</b>	0.5 Deg.
<b>S/N RATIO:</b>	-74 dB.
<b>K-FACTOR:</b>	<0.05%.
<b>MAX. OUTPUT:</b>	2 Vpp.
<b>POWER SOURCE:</b>	230 VAC, 50 / 60 Hz. (115VAC, U.S.A.) 6.2 VA.
<b>DIMENSIONS:</b>	22cm x 18cm x 4.5cm (8.7" x 7" x 1.7"), W, D, H, half 19".
<b>WEIGHT:</b>	1.3 kg. (2.9 lbs.) approx.
<b>ACCESSORIES:</b>	Power cord.
<b>OPTIONS:</b>	19" rack adapter RK-80 (see page 6.24 for details).

**TYPICAL APPLICATIONS**

- ☐ Any professional A/V system requiring high performance signal distribution.
- ☐ Video production studios for source mastering.
- ☐ Specialized high resolution video and SDI distribution.
- ☐ Distribution of component video, RGBS, and other multi-channel formats using multiple VM-80Vs operating in parallel.