

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

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