KRAMER ELECTRONICS, LTD

1:5 Video Distribution Amplifier   VM-50V

The Kramer VM-50V is a high quality 1:5 distribution amplifier for video signals. It accepts one input and distributes the signal to five identical outputs using BNC connectors. The VM-50V is typically used for composite video sources such as VCR's, cameras, etc., but because of bandwidth exceeding 480MHz, it can also be used for high resolution video signals, SDI (serial digital) video, and other specialized signals. The looping connector can be used as an additional output in some applications, and can also be used to create larger systems. The VM-

50V operates stand-alone, or is the perfect companion to other Kramer "VM-50" series products like the VM-50A audio DA, or the VM-50YC s-Video DA.

A 12VDC power supply is included for typical operation, but the optional VA-50P can power as many as six Kramer products requiring 12VDC. The VM-50V is rugged, dependable, and is housed in a convenient desktop sized enclosure which can also be rack mounted using the RK-50RN kit which holds two pieces in one vertical space of a standard 19" rack.

1

DISTRIBUTION AMPLIFIERS

TECHNICAL SPECIFICATIONS

INPUT:	1 video, looping, 1Vpp / 75 on BNCs with a termination switch.
OUTPUTS:	5 video, 1Vpp / 75 on BNCs.
VIDEO BANDWIDTH:	480MHz. -3dB.
COUPLING:	AC.
CONTROL:	75 terminal switch.
DIFF. GAIN:	0.05%.
DIFF. PHASE:	0.12 Deg.
S/N RATIO:	73 dB.
K-FACTOR:	<0.05%.
MAX. VIDEO OUTPUT:	2 Vpp.
POWER SOURCE:	12 VDC, 40mA.
DIMENSIONS:	16.5cm x 12cm x 4.5cm (6.5" x 4.7" x 2.8"), W, D, H.
WEIGHT:	0.62 kg. (1.4 lbs.) approx.
ACCESSORIES:	12 VDC power supply, brackets for stacking multiple units.
OPTIONS:	19" rack adapter RK-50RN (see page 6.23 for details).

TYPICAL APPLICATIONS

▣ Production and duplication facilities.
▣ Schools, boardrooms, any A/V system requiring high quality signal distribution.

▣ Retail stores, point-of-sale systems, CCTV and security applications

KRAMER SIMPLE CREATIVE TECHNOLOGY