



1:8 Video Switcher-Distribution Amplifier VM-42

The Kramer VM-42 is an exceptionally unique product, which combines the functions of a composite video switcher and distribution amplifier. It is a 4x1 vertical interval switcher, and each of the four inputs also operates as a 1:2-distribution amplifier. In addition to the four sets of 1:2, inputs may be linked in any

combination making the VM-42 a 1:8 DA, a dual 1:4 DA or any other combination. The VM-42 is rugged, dependable, and is housed in a convenient desktop sized enclosure, but can be mounted in a professional 19" rack using the RK-MEDN kit, which holds one unit in one vertical space of a standard rack.



TECHNICAL SPECIFICATIONS

INPUTS:	4 composite video, 1 Vpp / 75 Ω , on BNCs.
OUTPUTS:	4 x 2 composite, linkable to become 2 x 4, 1 x 6+1 x 2, 1 x 8 1 Vpp / 75 Ω on BNCs. 1 switch-selected composite video 1 Vpp / 75 Ω on a BNC.
VIDEO BANDWIDTH:	200 MHz. -3 dB.
CROSSTALK:	-40 dB @ 10 MHz.
COUPLING:	DC / AC.
DIFF. GAIN:	0.12%.
DIFF. PHASE:	0.11 Deg.
S/N RATIO:	-73 dB.
K-FACTOR:	<0.05%.
MAX. VIDEO OUTPUT:	2 Vpp.
POWER SOURCE:	230 VAC, 50 / 60 Hz (115VAC U.S.A.) 4.6 VA.
DIMENSIONS:	24.5cm x 18cm x 4.5cm (9.6" x 7" x 1.7"), W, D, H.
WEIGHT:	1.5 kg. (3.3 lbs.) approx.
ACCESSORIES:	Power cord.
OPTIONS:	19" rack adapter RK-MEDN (see page 6.23 for details).

TYPICAL APPLICATIONS

- ☐ Small studio video distribution applications.
- ☐ Video switching and routing in studios, shops and showrooms.
- ☐ A preview and input multiplier for video switchers and mixers.