K R A M E R   E L E C T R O N I C S ,   L T D

CV | AUDIO

K KRAMER

1:5 Video Audio Distribution Amplifier   VM-5S

The Kramer **VM-5S** is an exceptionally high performance 1:5 distribution amplifier for video and audio stereo signals. It accepts one input and distributes the signal to five identical outputs using BNC connectors for video and RCA connectors for audio.   The VM-5S is typically used for composite video sources such as VCR's, cameras, etc., but video bandwidth exceeding 350MHz also allows it to be used for other high-resolution video signals. The looping option can be used to create larger systems. The dual RCA audio section can be easily adapted to handle balanced mono audio signals. The VM-5S is rugged, dependable, and is housed in a convenient half-rack sized enclosure for desktop use, but can also be rack mounted using the RK-80 kit, which holds two units in one vertical space of a standard 19" rack.

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DISTRIBUTION AMPLIFIERS

TECHNICAL SPECIFICATIONS

INPUTS:	1 video AC / DC coupled (internal jumper), looping 1 Vpp / 75 on BNC connector with rear termination switch.
	1 audio stereo / mono balanced, up to 21V / 50 k on RCAs.
OUTPUTS:	5 video,1 Vpp / 75 on BNC connectors.
	5 audio stereo / balanced mono, up to 21V / 220 on RCAs.
VIDEO BANDWIDTH:	350MHz. -3dB.
AUDIO BANDWIDTH:	100 kHz.
VIDEO S/N RATIO:	75 dB.
AUDIO THD:	0.009%.
SDI EFFECTIVE RANGE:	Up to 70 meters.
AUDIO S/N:	> 82 dB @ 1V.
COUPLING:	DC/AC internally selectable.
MAX. AUDIO LEVEL:	+20 dBm.
K-FACTOR:	<0.05%.
MAX. VIDEO OUTPUT:	1.7 Vpp.
DIFF. GAIN:	0.05 %.
DIFF. PHASE:	0.1 Deg.
DIMENSIONS:	22cm x 18cm x 4.5cm (8.7" x 7" x 1.7"), W, D, H, half 19".
POWER SOURCE:	230 VAC, 50/60 Hz, (115V U.S.A.) 3.5 VA.
WEIGHT:	1.4 kg. (3.3 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 quality signal distribution.
- Duplication facilities.
- Schools, retail stores, CCTV and security applications.
- Studio RGB/YUV distribution using multiple VM-5S's in parallel.

WEB: **www.kramerelectronics.com**

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