



1:5 CV/s-Video Audio Distribution Amplifier

VM-5YC

The Kramer VM-5YC is an exceptionally unique 1:5-distribution amplifier for s-Video (YC) or composite video, and Audio Stereo signals. It accepts a single input source and distributes the signal to five identical outputs designed to drive monitors, projectors, or other receiving devices. The VM-5YC is a dual format DA offering BNC connectors for composite video, and 4pin connectors for s-Video. It has an additional unique feature: a rear panel switch engages an internal

encoder allowing conversion of a s-Video source into five composite video outputs. Rear panel controls are also provided for selecting AC or DC coupling. Looping inputs make it easy to expand to larger systems. Bandwidth exceeding 90MHz ensures transparent performance with typical video and audio sources. The VM-5YC is rugged, dependable, and is housed in a professional 19" rack mountable enclosure, which requires one vertical space.



TECHNICAL SPECIFICATIONS

INPUTS:	1 Composite Video looping, 1Vpp/75Ω on a BNC type connector. 1 looping (Y) 1Vpp/75Ω, (C) 0.3Vpp/75Ω on 4P connector. 1 Audio Stereo looping 1Vpp/ 50 kΩ on RCAs.
OUTPUTS:	5 Video: 1 Vpp/75Ω (Y) 5 x 0.3 Vpp/75Ω (C) on 4P connectors, 5 CV 1Vpp/75Ω on BNCs. 5 Audio Stereo, 1Vpp /100Ω on RCAs.
VIDEO BANDWIDTH:	90 MHz -3dB (Y).
VIDEO BANDWIDTH:	25 kHz -1dB.
AUDIO THD:	Less than 0.04%.
VIDEO S/N RATIO:	Better than 73 dB.
AUDIO S/N RATIO:	Better than 74 dB.
K-FACTOR:	<0.05%.
COUPLING:	DC/AC (video); AC (audio.)
DIFF. GAIN:	1.1 %.
DIFF. PHASE:	0.13 Deg.
MAX. VIDEO OUTPUT:	2 Vpp.
POWER SOURCE:	230VAC 50/60 Hz (115V U.S.A.), 10.3 VA.
DIMENSIONS:	19 inch (W), 7 inch (D), 1U (H) rack mountable.
WEIGHT:	2.4 kg. (5.3 lbs.) Approx.
ACCESSORIES:	Power cord.

TYPICAL APPLICATIONS

- Video duplication studios.
- Broadcast, production, or presentation systems requiring high quality signal distribution.
- Schools, retail, sports bars, other point-of-sale and CCTV applications.