



1:2 s-Video Line Amplifier

VM-9YC

The Kramer VM-9YC is a newly updated high performance 1:2 distribution amplifier for s-Video (Y/C) signals which also provides controls to compensate for signal losses and phase shift inherent in long cable runs. There are two buffered outputs carrying identical signals, but each use different connectors. The first features the 4-pin connector, and the other uses the dual BNC format. For local monitoring or for expanding to larger systems, a looping 4-pin connector is provided which is not affected by the front panel controls. Front

panel controls allow separate adjustment of gain for luminance and chrominance, along with phase shift for chrominance and high frequency EQ for the luminance channel.

Bandwidth exceeding 320MHz ensures transparent performance even with specialized high-resolution signals. The VM-9YC is rugged, dependable, and is housed in a convenient desktop sized enclosure which can also be rack mounted using the RK-80 kit which holds two units in one vertical space.



TECHNICAL SPECIFICATIONS

INPUT:	1 s-Video, looping, 1Vpp / 75 (Y), 0.3 Vpp / 75 (C) on 4P connectors with termination switch.
OUTPUTS:	2 s-Video, 1Vpp / 75 (Y), 0.3 Vpp / 75 (C) on 4P connectors.
"Y" BANDWIDTH:	320 MHz. -3 dB.
CONTROL:	-0.6dB / +4.1dB (Y and C levels), -25 to + 90 degrees (C phase).
COUPLING:	DC (Y), AC (C).
DIFF. GAIN:	0.07%.
DIFF. PHASE:	0.05 Deg.
K-FACTOR:	<0.05%.
MAX. VIDEO OUTPUT:	2 Vpp.
S/N RATIO:	-77 dB.
DIMENSIONS:	22cm x 18cm x 4.5cm (8.6" x 7" x 1.7"), W, D, H.
POWER SOURCE:	230 VAC, 50 / 60 Hz. (115VAC U.S.A.), 5.1 VA.
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 system requiring a YC - audio distribution amplifier for long cable runs with controls.

Schools, hospitals, CCTV and security systems.
Retail stores, point-of-sale applications.