



GROUP 1

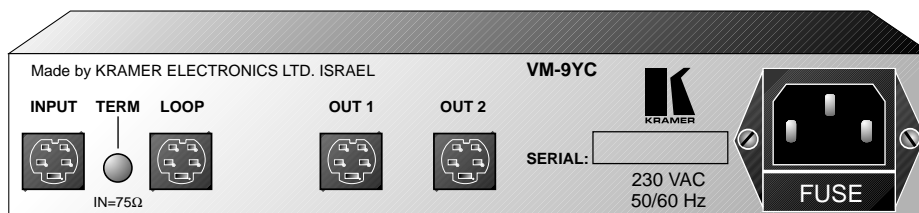
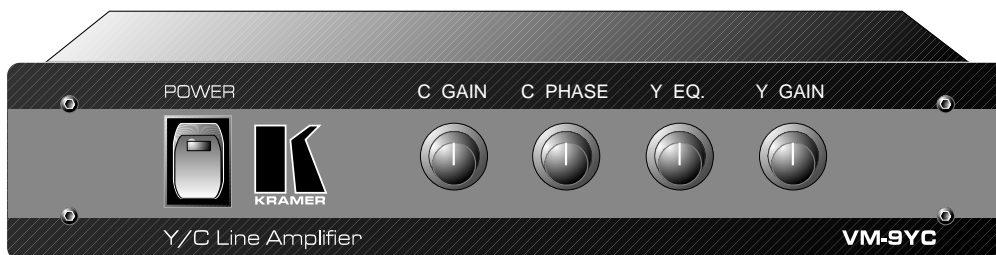
Y/C Line Amplifier

VM-9YC

The KRAMER **VM-9YC Y/C Line Amplifier** is a high quality amplifier which compensates for Y (Luma) and C (Chroma) signal losses when long cables are used. In any video setup requiring considerable distances between video source and acceptors, signal loss and thus depreciation in the quality of picture becomes a real problem. The **VM-9YC** allows compensating for cable losses - changing the level of the Y signal as well as its frequency response and the level of the C signal and its phase. The machine has a looping input and two outputs, thus serving as a cascable 1:2 Distribution Amplifier. Signal bandwidth of well over 320 MHz makes the **VM-9YC** suitable for the most demanding applications. The machine is housed in a "half 19 inch" enclosure, so two machines of that size may be stacked together side by side occupying only 19 inch 1U rack space.

Some features and applications:

- ❖ High quality Y/C video amplifier.
- ❖ Separate EQ (high frequency), video (Y and C) levels and C phase controls.
- ❖ Looping inputs with a termination switch.
- ❖ May be used as a 1:2 Y/C compensated distributor.



Technical Specifications:

INPUTS:	1 Y/C, Looping, 1Vpp / 75Ω, (Y), 0.3 Vpp/75Ω (C) on 4P connectors with termination switch.		
OUTPUTS:	2 Y/C, 1Vpp / 75Ω, (Y), 0.3 Vpp/75Ω (C) on 4P connectors.		
"Y" BANDWIDTH:	320 MHz -3dB.		
CONTROLS:	-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% (normal).
MAX. VIDEO OUTPUT:	2 Vpp.	S/N RATIO:	-77dB.
DIMENSIONS:	22cm X 18cm X 4.5cm (W, D, H.)		
POWER SOURCE:	230 VAC, 50/60 Hz (115VAC U.S.A.)		