

# 1:4 Video Line Amplifier

# 104L

The 104L is a high performance line amplifier which combines the functions of a distribution amplifier and a line driver. It accepts a single composite video input and provides four identical buffered outputs which are affected by gain and equalization controls located on the top panel. The gain and equalization controls are designed to compensate for signal losses inherent in long cable runs. The gain control adjusts the overall signal level, and the EQ. control boosts the upper

frequencies most susceptible to loss. Bandwidth of 430MHz ensures that the 104L remains transparent even in the most critical applications. A 12V power supply is provided, but the optional VA-50P can power up to six Kramer devices requiring 12VDC. The 104L is part of the Kramer TOOLS family of compact, high quality, and cost effective solutions for a variety of applications.

 1  
 DISTRIBUTION AMPLIFIERS


## TECHNICAL SPECIFICATIONS

INPUT:	1 video, 1Vpp / 75 $\Omega$ on a BNC connector.
OUTPUTS:	4 video, 1Vpp / 75 $\Omega$ on BNCs.
VIDEO BANDWIDTH:	420MHz. -3dB.
COUPLING:	AC.
DIFF. GAIN:	0.16%.
DIFF. PHASE:	0.08 Deg.
S/N RATIO:	76 dB.
K-FACTOR:	<0.05%.
CONTROL:	LEVEL: -0.8/+6dB; HF (EQ., cable compensation) 0/+7.7dB @ Chroma SC.
POWER SOURCE:	12 VDC, 30mA.
DIMENSIONS:	12cm x 7.5cm x 2.5cm (4.7" x 2.95" x 0.98"), W, D, H.
WEIGHT:	0.32 kg. (0.71 lbs.) approx.
ACCESSORIES:	Power supply, mounting bracket.
OPTIONS:	19" rack adapters RK-T1, RK-T3 (see pages 6.24, 6.25 for details).

## TYPICAL APPLICATIONS

- Any system requiring a compact distribution amplifier and line driver.
- Auditoriums, churches, schools, home theater systems.
- Rental and staging applications.