

104L

1:4 Video Line Amplifier

GROUP 1



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 420MHz 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.



TECHNICAL SPECIFICATIONS

INPUT:	1 video, 1Vpp/75 Ω on a BNC connectors.
OUTPUTS:	4 video, 1Vpp/75 Ω on BNC connectors.
VIDEO BANDWIDTH (-3dB):	420MHz.
DIFF. GAIN:	0.16%.
DIFF. PHASE:	0.08 Deg.
K-FACTOR:	0.05%.
S/N RATIO:	76dB.
COUPLING:	AC.
CONTROL:	Level: -0.8/+6dB; HF (EQ., cable compensation) 0/+7.7dB @ Chroma SC.AC.
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:	Model VA-50P power supply with six 12VDC outlets.RK-T3 rack adapters

TYPICAL APPLICATIONS

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

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