



1:4 Serial Video Distribution Amplifier 6104

The Kramer 6104 is an adjustment-free, equalized, reclocking, multi-standard serial video distribution amplifier. The machine provides automatic equalization for losses on 75 Ω co-axial cable (up to 100s of meters of cable - depending on the cable and the video standard), and reclocks the output to provide 4 low-jitter, serial digital outputs. Standard recognition is

automatic, with 4fsc PAL, 4fsc NTSC, component 4:2:2, and 16:9 (wide-screen) standards all being recognized. The machine operates for both 10-bit and 8-bit video, automatically recognizing the word length. A 12V Power supply is included. The 6104 is part of the new Kramer DigiTOOLS family of compact, high quality, and cost-effective solutions for a variety of applications.



TECHNICAL SPECIFICATIONS

INPUT:	1 SMPTE - 259M serial video, 75 Ω on a BNC.
OUTPUTS:	4 reclocked SMPTE-259M serial video, 75 Ω on BNCs.
RESOLUTION:	8 or 10-bits, automatic.
OPERATION STANDARDS:	143 Mb/s (4fsc NTSC). 177 Mb/s (4fsc PAL). 270 Mb/s (4:2:2 component). 360 Mb/s (4:2:2 widescreen).
EQUALIZATION AND RECLOCKING:	Automatic up to 30 dB of cable loss.
DISPLAY:	Power ON LED.
DIMENSIONS :	12cm x 7.5cm x 2.5cm (4.7" x 2.95" x 0.98"), W, D, H.
WEIGHT:	0.3kg. (0.67 lbs.) approx.
POWER SOURCE:	12 VDC, 250 mA.
ACCESSORIES:	Power supply, mounting brackets.
OPTIONS:	19" rack adapters RK-T1, RK-T3 (see page 6.24, 6.25 for details).

TYPICAL APPLICATIONS

SDI production studios for signal distribution and equalization.

Broadcast studios for on-air operation.
SDI field production.