

## 6104

### 1:4 Serial Video Distribution Amplifier



The Kramer **6104** is an adjustment-free, equalized, reclocking, multi-standard Serial Video Distribution Amplifier. The machine provides automatic equalization for losses on 75Ω 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 high-definition 16:9 (wide-screen) standards all being recognized. The machine operates for both 10-bit and 8-bit video, automatically recognizing the word length. The **6104** is part of the Kramer DigiTOOLS family of compact, high quality, and cost-effective solutions for a variety of applications.



#### TECHNICAL SPECIFICATIONS

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

#### TYPICAL APPLICATIONS

- SDI production studios for signal distribution and equalizations.
- Broadcast studios for on-air operation.
- SDI field production.

