FC-7501

Multi-Format Video to SDI Format Converter





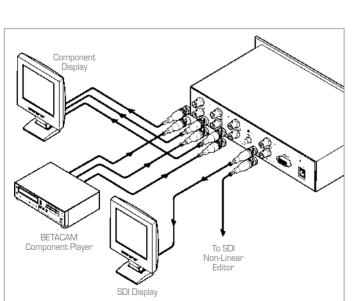
The **FC-7501** is a format converter for composite video, s-Video or component video (YUV) signals. It converts either PAL, SECAM, and NTSC composite video, s-Video, or component (YUV) signals into 2 SDI (SMPTE 259) signals simultaneously.

FEATURES

- Bandwidth 6MHz (- 3dB).
- Dual SDI Outputs.
- **Control** Front Panel or RS-232 (Windows® based software is included).
- Proc-Amp Control Contrast color (saturation) and hue (NTSC Only) via RS-232.
- Looping Input.
- Selectable Input Signal Termination.
- Non-Volatile Memory.
- Desktop Size Compact size. Two units can be rack mounted side-by-side in a 1U rack space with the optional RK-80 adapter.

TECHNICAL SPECIFICATIONS

OPTIONS:



INPUTS: 1 composite video/Y: $1Vpp/75\Omega$ looping on BNC connectors with a termination switch. 1 (B-Y): 0.7Vpp/75Ω looping on BNC connectors with a termination switch. 1 (R-Y)/C: 0.7Vpp/0.3Vpp/75Ω looping on BNC connectors with a termination switch OUTPUTS: 2 SDI on BNC connectors. VIDEO STANDARDS: CV, YC: NTSC (M, Japan, 4.43), PAL (B, D, G, H, I, M, N, Nc) and SECAM (B, D, G, K, K1, L). BANDWIDTH (- 3dB): 6MHz. LUMINANCE NON-LINERARITY: 1% (worst case). K-FACTOR: 0.1% S/N RATIO: 57dB (worst case). CHROMA/LUMA DELAY: < 10ns. SDI PIXEL JITTER: < 500ps (10Hz HPF) with PLL option board. < 1ns (10kHz HPF) without PLL option board. INPLIT COLIPLING: DC or AC via internal jumpers POWER SOURCE: 12VDC, 320mA DIMENSIONS: 22cm x 18cm x 4.5cm (8.7" x 7" x 1.7") W, D, H. WEIGHT: 1.3kg. (2.9bs) approx. ACCESSORIES: Power supply, Windows® - based Kramer control software.

19" rack adapter RK-80.



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