

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

<p>INPUTS:</p> <p>OUTPUTS:</p> <p>VIDEO STANDARDS:</p> <p>BANDWIDTH (-3dB):</p> <p>LUMINANCE NON-LINEARITY:</p> <p>K-FACTOR:</p> <p>S/N RATIO:</p> <p>CHROMA/LUMA DELAY:</p> <p>SDI PIXEL JITTER:</p> <p>INPUT COUPLING:</p> <p>POWER SOURCE:</p> <p>DIMENSIONS:</p> <p>WEIGHT:</p> <p>ACCESSORIES:</p> <p>OPTIONS:</p>	<p>1 composite video/Y: 1Vpp/75Ω looping on BNC connectors with a termination switch.</p> <p>1 (B-Y): 0.7Vpp/75Ω looping on BNC connectors with a termination switch.</p> <p>1 (R-Y)/C: 0.7Vpp/0.3Vpp/75Ω looping on BNC connectors with a termination switch.</p> <p>2 SDI on BNC connectors.</p> <p>CV, YC: NTSC (M, Japan, 4.43), PAL (B, D, G, H, I, M, N, Nc) and SECAM (B, D, G, K, K1, L).</p> <p>6MHz.</p> <p>1% (worst case).</p> <p>0.1%.</p> <p>57dB (worst case).</p> <p>< 10ns.</p> <p>< 500ps (10Hz HPF) with PLL option board. < 1ns (10kHz HPF) without PLL option board.</p> <p>DC or AC via internal jumpers.</p> <p>12VDC, 320mA.</p> <p>22cm x 18cm x 4.5cm (8.7" x 7" x 1.7") W, D, H.</p> <p>1.3kg. (2.9bs) approx.</p> <p>Power supply, Windows® - based Kramer control software.</p> <p>19" rack adapter RK-80.</p>
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