





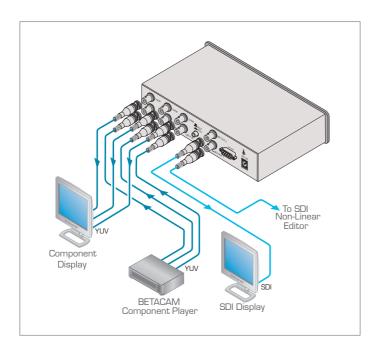




The FC-7501 is a format converter for composite video, s-Video or component video (YUV) signals. It converts either PAL, SECAM, and NTSC composite video, s-Video, or component (YUV) signals into 2 SDI (SMPTE 259) signals simultaneously.

## **FEATURES**

- Bandwidth 6MHz (-3dB).
- · Dual SDI Outputs.
- Control Front panel and RS-232 (Windows®-based software is included).
- ProcAmp Control Contrast color (saturation) and hue (NTSC Only) via RS-232.
- · Looping Input.
- Selectable Input Signal Termination.
- Non-volatile Memory.
- Desktop Size Compact size. 2 units can be rack mounted side-by-side in a 1U rack space with the optional RK-1 adapter.



## TECHNICAL SPECIFICATIONS

INPUT: 1 composite video:  $1Vpp/75\Omega$  (Y)

looping on BNC connectors with a termination switch;

1 (B-Y):  $0.7Vpp/75\Omega$  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.
RESOLUTION: 10 bits.
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.

INPUT COUPLING: DC or AC via internal jumpers.
POWER SOURCE: 12V DC, 32OmA.
DIMENSIONS: 22cm x 18cm x 4.5cm

22cm x 18cm x 4.5cm (8.7" x 7" x 1.7") W, D, H.

WEIGHT: 1.3kg (2.9lbs) approx.

ACCESSORIES: Power supply, Windows®-based Kramer control software.

OPTIONS: RK-1 19" rack adapter.

