



Composite s-Video Transcoder

FC-10

The Kramer FC-10 is a format converter designed to interface between composite video and s-Video (YC). The decoding channel converts a typical composite video signal on a BNC connector to s-Video on a 4pin connector. Encoding (s-Video to composite) is also provided, allowing simultaneous bi-directional

operation.

The FC-10 is a compact desktop size unit but two can be installed in a standard 19" rack using the RK-50RN rack mount kit. A 12 volt power supply is included for typical use but the optional, rack mountable VA-50P can power up to six Kramer devices requiring 12VDC.



TECHNICAL SPECIFICATIONS

INPUTS:	1 composite video 1 Vpp / 75 Ω on a BNC connector. 1 s-Video:luma: 1 Vpp / 75 Ω , chroma: 0.3 Vpp / 75 Ω on a 4P connector.
OUTPUTS:	1 composite video 1 Vpp / 75 Ω on a BNC connector. 1 s-Video:luma: 1 Vpp / 75 Ω ; chroma: 0.3 Vpp / 75 Ω on a 4P connector.
VIDEO BANDWIDTH:	10 MHz, -3 dB.
DIFF. PHASE:	0.3 Deg.
DIFF. GAIN:	0.36%.
MAX. VIDEO OUTPUT:	2.5 Vpp / 75 Ω .
LUMA S/N RATIO:	79 dB.
K-FACTOR:	<0.05% (YC to CV).
DIMENSIONS:	16.5cm x 12cm x 4.5cm (6.5" x 4.7" x 1.7"), W, D, H.
POWER SOURCE:	12V DC, 110 mA.
WEIGHT:	0.6 kg. (1.3 lbs.) approx.
ACCESSORIES:	12 VDC power supply.
OPTIONS:	19" rack adapter RK-50RN (see page 6.23 for details).

TYPICAL APPLICATIONS

- Switching systems requiring a common signal format.
- Teleconference systems.
- Presentation rooms.