



CV/s-Video to RGB/Component Decoder

FC-4044

The Kramer FC-4044 is a high quality format converter designed to convert a composite or s-Video signal into component video (Y,R-Y,B-Y) and RGBS. The component and RGBS outputs operate simultaneously. Front panel buttons are provided to select the incoming signal format, outgoing sync format, the video standard, and to adjust the HUE of the output. The FC-4044 is a multi-

standard device compatible with all common standards including NTSC 3.58, NTSC 4.43, PAL, and SECAM. The FC-4044's decoding operation is microprocessor controlled via the internal I²C bus. It is rugged, dependable, and is housed in a professional 19" rack mountable enclosure requiring one vertical space.



TECHNICAL SPECIFICATIONS

INPUTS:	1 composite video - 1 Vpp / 75 on BNC type connector. 1 s-Video: 1 Vpp / 75 (luma), 0.3 Vpp / 75 (chroma) on 4P type connector.
OUTPUTS:	1 component - (Y, R-Y, B-Y) 1V, 0.7V, 0.7 Vpp / 75 on BNC type connectors. 1 RGB: 0.7 Vpp / 75, for 100% saturation, on BNC type connectors. Composite sync - 2 Vpp / 75, negative polarity.
CONTROL:	Standards selection by front touch switches, automatic or manually forced. Composite / YC front touch switch selection. Green / green + sync and HUE control (NTSC only) via front touch switches.
NON LINEARITY:	Less than 0.2 dB.
K-FACTOR:	1.2 %.
DC CLAMP ERROR:	+/- 20 mV.
RESIDUAL SC:	Composite to Y=30 mV, Y/C to Y = 15mV.
DIMENSIONS:	19 inch (W), 7 inch (D), 1U (H) rack mountable.
POWER SOURCE:	230 VAC, 50/60 Hz., (115 VAC, U.S.A.) 6.9 VA.
WEIGHT:	2.6 kg. (5.8 lbs.) approx.
ACCESSORIES:	Power cord.

TYPICAL APPLICATIONS

- Video production, editing, and duplication studios.
- Rental and staging.

- Professional display systems requiring format change for