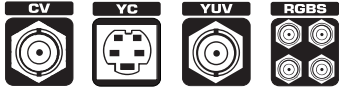


FC-4041C

RGBS/Component to Video Encoder

GROUP 4



The Kramer **FC-4041C** is a high quality format converter designed to encode RGBS, RGsB, or Y, R-Y, B-Y component signals into composite video and s-Video. Each input has a loop-through connector and termination switch, allowing for parallel connection to other receiving devices. Front panel buttons are provided to select the incoming signal format and sync format. The outputs are DC coupled and black-level clamped. Note that the **FC-4041C** does not perform any scan rate conversion, and is not designed to receive high frequency computer-video signals. The **FC-4041C** is rugged, dependable, and is housed in a professional 19" rack mountable enclosure requiring one vertical space.



TECHNICAL SPECIFICATIONS

INPUTS:	Red (or R-Y), green (or Y), blue (or B-Y) - 0.7Vpp/75 Ω and sync -0.3Vpp/75 Ω looping, on BNC connectors with termination switches.
OUTPUTS:	1Vpp/75 Ω composite video on a BNC connector; 1Vpp/75 Ω Luma (Y), 0.3Vpp/75 Ω Chroma (C) on a 4p connector.
VIDEO BANDWIDTH (-3dB):	12 MHz (Y).
DIFF. GAIN:	0.24%.
DIFF. PHASE:	0.26 Deg.
NON LINEARITY:	Less than 0.5 dB.
DC CLAMP:	0 VDC black level.
RESIDUAL SC.:	- 34dB.
CONTROL:	Sync/sync on green, input selector - RGBS or Y, R-Y, B-Y.
POWER SOURCE:	230 VAC, 50/60 Hz, (115VAC, U.S.A.) 6 VA.
DIMENSIONS:	19 inch (W), 7 inch (D), 1U (H) rack mountable.
WEIGHT:	2.6 kg. (5.8 lbs.) approx.
ACCESSORIES:	Power cord.

TYPICAL APPLICATIONS

- Video production, editing, and duplication studios.
- Professional display systems requiring format change for compatibility with switching/routing systems or display devices.
- Operates as a high quality black burst generator when no input is connected.



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