

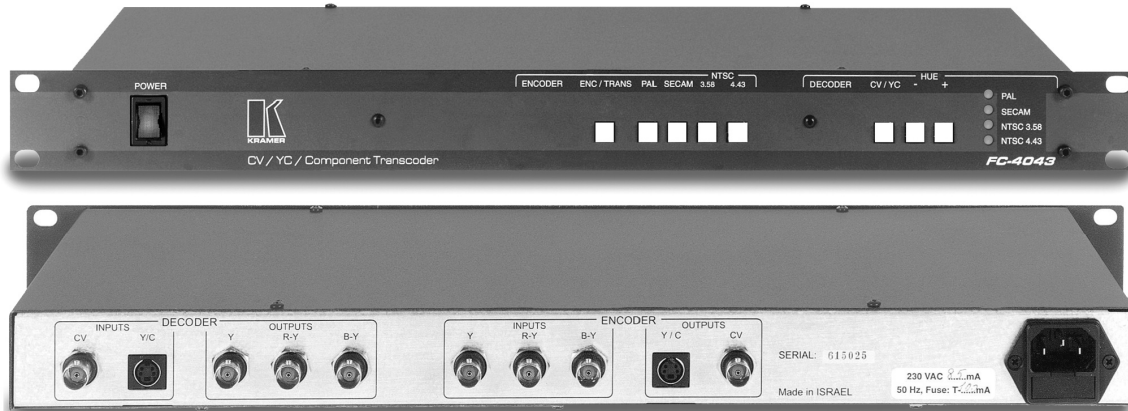
FC-4043

CV/s-Video - Component Transcoder

GROUP 4



The Kramer **FC-4043** is a high quality format converter designed to transcode between composite or s-Video, and component video (Y, R-Y, B-Y) bi-directionally. The unit has two completely separate channels, which can operate simultaneously. The first is a decoder, which converts composite or s-Video signals to component video, and the second is an encoder, which converts component video to composite and s-Video. The **FC-4043** is a multi-standard device, which automatically recognizes the incoming standard, and allows the user to set the output standard. The decoding operation is microprocessor controlled via the internal I2C bus, and allows standard conversion between PAL and SECAM. It is rugged, dependable, and is housed in a professional 19" rack mountable enclosure requiring one vertical space.



TECHNICAL SPECIFICATIONS

INPUTS:	Decoder: 1 composite video - 1Vpp/75 Ω ; 1 YC: 1Vpp/75 Ω (Luma), 0.3Vpp/75 Ω (Chroma) on 4p type connector. Encoder: 1 Component - (Y, R-Y, B-Y) 1V, 0.7V, 0.7Vpp/75 Ω .
OUTPUTS:	Decoder: 1 Component - (Y, R-Y, B-Y) 1V, 0.7V, 0.7Vpp/75 Ω . Encoder: composite video - 1Vpp/75 Ω , YC - 1Vpp/75 Ω (Luma), 0.3Vpp/75 Ω (Chroma).
DIFF. GAIN:	0.21%.
DIFF. PHASE:	0.19Deg.
CONTROL:	Standard selection (Encoder), composite/ YC selection (Decoder), HUE control (NTSC only), all via front touch switches.
DC CLAMP ERROR:	+/- 20 mV.
RESIDUAL SC:	Composite to Y=30 mV, YC to Y = 15 mV.
POWER SOURCE:	230 VAC, 50/60 Hz, [115VAC, U.S.A.] 19.5 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.
- Rental and staging.



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