

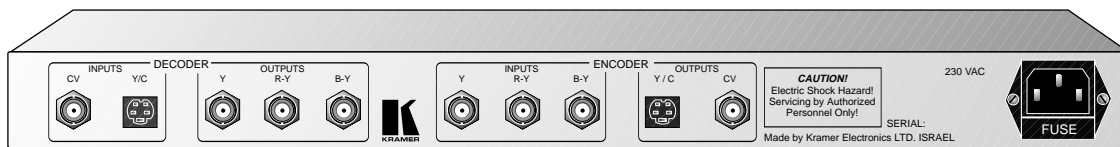
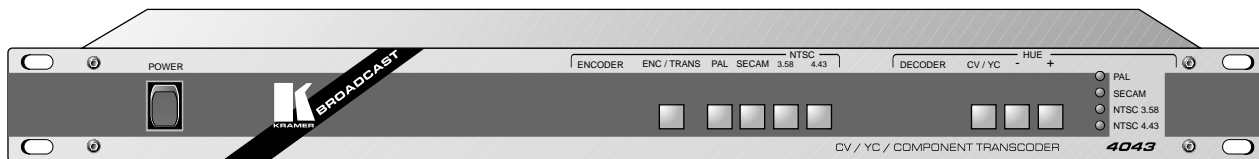
CV/YC - Component Transcoder BC-4043

The KRAMER **BC-4043 CV/YC - Component Transcoder** interfaces between Composite video and Y/C to the most widely used professional video formats - Component Video (Y, R-Y, B-Y) bi-directionally.

In many video studios and production centers there is a need to convert from one format to the other, and the Kramer **BC-4043** is the perfect choice and operates in the most common standards - PAL, SECAM and NTSC (both systems) bi-directionally. Decoding operation is microprocessor controlled via the internal I²C bus and the machine allows standards conversion between PAL and SECAM.

Some features and applications:

- ❖ Automatic input standard detection and forced output standard selection.
- ❖ Internal component loop option via front touch switch control.
- ❖ Simultaneous independent bi-directional operation.



Technical Specifications:

INPUTS:	Decoder: 1 Composite video - 1Vpp/75 Ω, 1 Y/C: 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, Y/C - 1Vpp/75 Ω (Luma), 0.3Vpp/75 Ω (Chroma).
CONTROLS:	Standard selection (Encoder), Composite/ Y/C selection (Decoder), HUE control (NTSC only), all via front touch switches.
DC CLAMP ERROR:	+/- 20 mV.
DIFF. GAIN:	0.21%.
DIFF. PHASE:	0.19 Deg.
RESIDUAL SC:	Composite to Y=30 mV, Y/C to Y = 15 mV.
DIMENSIONS:	19 inch, 1U rack mountable.
POWER SOURCE:	230 VAC, 50/60 Hz, (115VAC, U.S.A.)