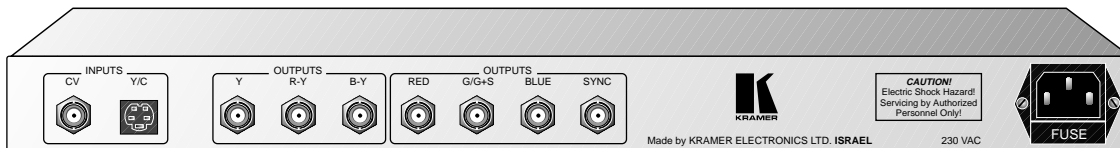


The KRAMER **BC-4044 Multistandard Decoder** interfaces between Composite video and Y/C to the most widely used professional video formats - Component Video (Y, R-Y, B-Y) and RGBS. In many video studios and production centers there is a need to convert from one format to the other and the KRAMER **BC-4044** is the perfect choice. It operates in the most common standards - PAL, SECAM and NTSC (both systems). Decoding operation is microprocessor controlled via the internal I²C bus.

Some features and applications:

- ❖ Front switch selection between Composite and Y/C sources.
- ❖ Outputs are DC coupled.
- ❖ Switch selection for separate sync or sync-on-green (from front panel.)
- ❖ Simultaneous RGBS and Component outputs.



Technical Specifications:

INPUTS:	1 Composite video - 1Vpp/75 Ω on BNC type connector. 1 Y/C: 1Vpp/75 Ω (Luma), 0.3Vpp/75 Ω (Chroma) on 4P type connector.
OUTPUTS:	1 Component - (Y, R-Y, B-Y) 1V, 0.7V, 0.7Vpp/75 Ω on BNC type connectors. 1 RGB: 0.7Vpp/75 Ω, for 100% saturation, on BNC type connectors. Composite sync - 2Vpp/75 Ω, negative polarity.
CONTROLS:	Standards selection by front touch switches, automatic or manually forced. Composite / Y/C 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=30mV, Y/C to Y = 15mV.
DIMENSIONS:	19 inch, 1U rack mountable.
POWER SOURCE:	230 VAC, 50/60 Hz, (115VAC, U.S.A.)