KRAMER

FC-4000

Standards Converter / TBC



The FC-4000 is an international standards converter, format converter and TBC for composite and s-Video (Y/C) signals. It converts between NTSC, PAL and SECAM standards as well as video formats.

FEATURES

- Bandwidth - 5MHz (-3dB).
- Multi-Standard - NTSC (3.58.4.43), PAL(B/D/G/H/I/M/N), & SECAM.
- Standards Conversion - Any standard input to any standard output.
- Format Conversion - Composite or s-Video input to composite, s-Video, and component video (YUV) outputs simultaneously.
- Input - 2 Composite video and 2 s-Video plus stereo audio pass through.
- Output - Composite video, s-video, component video (YUV) and stereo audio.
- Proc-Amp Control - Brightness, contrast, color(saturation), hue (NTSC only) and H/V phase.
- Control - Front panel with on-screen menus.
- Switching Synchronization - Synchronizes either to external reference or to the incoming video.
- Looping Analog Sync Input.
- Selectable Sync Signal Termination.
- Color Bar Generator - Displayed when no input signal is present.
- Standard 19” Rack Mount Size - 1U.

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TECHNICAL SPECIFICATIONS

INPUT:	2 composite video, 1Vpp/75Ω on BNC connectors.2 Y/C (s-Video), 1Vpp/75Ω (Y), 0.3Vpp/75Ω (C) on 4p connectors.2 audio stereo on RCA connectors, 1Vpp/10k.(When both composite and YC exist on an input, the Y/C input takes priority).
OUTPUT:	1 composite video, 1Vpp/75Ω on a BNC connector. 1 Y/C (s-Video), 1Vpp/75Ω (Y), 0.3Vpp/75Ω (C) on a 4p connector. 1 component - (Y, R-Y, B-Y) 1V, 0.7V, 0.7Vpp/75Ω on BNC connectors. 1 audio stereo on RCA connectors, 1Vpp/1k.
VIDEO BANDWIDTH (-3dB):	Composite video: 5 MHz.
AGC:	Composite video and (Y) input 0.5 Volts to 2 Volts with AGC acting on sync tip.
INPUT FORMATS:	PAL B/I/G/M/N, NTSC 3.58, NTSC 4.43 and SECAM.
OUTPUT FORMATS:	PAL B/I/G/M/N, NTSC 3.58, NTSC 4.43 and SECAM.
CONTROLS:	Continuous control of contrast, brightness, color saturation, Hue (NTSC only) H and V phase, input source selector switch, input/output standards selector switches, auto input switch.
POWER CONSUMPTION:	230V AC, 50/60 Hz (115 VAC USA) 5 VA.
DIMENSIONS:	19-inch (W), 7-inch (D), 1U (H).
WEIGHT:	2.7 kg (6 lbs.) approx.
INCLUDED ACCESSORIES:	Power cord.

