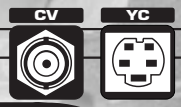

Standards Converter / TBC FC-5000

KRAMER

The Kramer FC-5000 is a high quality time base corrector and standards converter. It features onscreen graphic-based menus for efficient control. Converts between PAL B/M/N, NTSC M/443/J, SECAM, and MESECAM. Features: PAL/NTSC (dynamic) switchable Composite comb filter. The time base correction has full proc-amp facilities. Two reference inputs with H and SC adjustments. Re-inserts burst and sync on the outputs. Vertical blanking can be switched to blank or pass VITC and Teletext. Extensive range of color and frame lock settings to deal with poor VT and color framing problems.

TECHNICAL SPECIFICATIONS

INPUTS:	Input 1composite video. Inputs 2 & 3 composite or s-Video (YC), 1Vpp / 75
OUTPUTS:	2 s-Video (YC) 1Vpp / 75 2 composite video 1Vpp / 75 . On screen menu display on output 1.
VIDEO BANDWIDTH:	Composite video with comb filter 5.0 MHz. +0.5/-1dB. Without comb filter 3.0 MHz. +0.5/-2dB. HF peaking adjustable.
AGC:	Composite video and (Y) input 0.5 Volts to 2 Volts with AGC acting on sync tip. (C) input nominal 0.3 Volt burst with AGC from -12dB to +3dB.
INPUT FORMATS:	Pal B/I/G/M/N, NTSC M/443/J and SECAM-H/V.
OUTPUT FORMATS:	Pal B/I/G/M/N, NTSC M/443/J and SECAM-H/V.
CONTROL:	All controls including adjustments for H and SC on the front panel. Control of contrast, brightness, color saturation, hue (NTSC only), RS 232 and chroma / luma timing (H and V). Frame freeze and fade to black.
TEST PATTERNS:	Digitally generated EBU bars, cross hatch, ramp, pluge and multiburst.
OTHER FACILITIES:	Noise reduction, freeze field / frame.
DIMENSIONS:	19 inch, 1U rack, depth 390mm (15.3 inch) including connectors.
POWER SOURCE:	Mains universal 90-264 Volts AC 50/60 Hz 40 Watts Max.

TYPICAL APPLICATIONS

- Studio standards conversion.
- Studio color correction, video fading and noise reduction.
- Time base correction, frame-store synchronization and Pattern generation for production and duplication.