



# KRAMER

## FC-4001

MultiCoder® Universal Analog & Digital  
Format Video Transcoder & TBC

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The FC-4001 is a high-performance broadcast quality, universal video transcoder for analog and digital video signals. It converts a composite video, s-Video (Y/C), component video (RGB/S) or SDI video signal to either component or composite and s-Video (Y/C) video signals and to two SDI video signals

## FEATURES

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**Bandwidth** - 5MHz (-0.5dB)

**Decoding Options Based on Signal Standard** - Decodes 525-line signals to NTSC 3.58 or NTSC 4.43 and 625 lines to PAL-B/M/N & SECAM

**Looping Analog Sync Input**

**Freeze Frame**

**Control Options** - Front panel, RS-232

**Selectable Sync Signal Termination**

**Built-in Time Base Corrector** - Stabilizes sync in video sources

**Timing Controls** - SCH phase & sync phase

**Front Panel Lockout**

**Worldwide Power Supply** - 100-240V AC



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## TECHNICAL SPECIFICATIONS

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INPUTS:	1 composite video, 1Vpp/75Ω on a BNC connector; 1 Y/C 1Vpp/75Ω (Y), 0.3Vpp/75Ω (C) on a 4-pin connector; 1 component video Y/R-Y/B-Y, 1Vpp/0.7Vpp/0.7Vpp/75Ω (or RGB/S) on BNC connectors; 1 SDI on a BNC connector; 1 genlock with loop, 75Ω/Hi-Z on BNC connectors
OUTPUTS:	1 composite video, 1Vpp/75Ω on a BNC connector; 1 Y/C, (Y) 1Vpp/75Ω, and (C) 0.3Vpp/75Ω on BNC connectors; 1 component or RGB/S video, 1Vpp/0.7Vpp/0.7Vpp/75Ω on BNC connectors; 2 SDI on BNC connectors
VIDEO STANDARDS:	PAL-B/D/G/H/I/M/N, NTSC-3.58/4.43, SECAM
DIGITAL RESOLUTION:	10 bits
BANDWIDTH:	-0.5dB to 5MHz
DIFF. GAIN:	1%
DIFF. PHASE:	1Deg
K-FACTOR:	1%
S/N RATIO:	63dB
LUMA NON-LINEARITY:	1%
CHROMA/LUMA DELAY:	1ns
CONTROLS:	Front-panel and RS-232; SCH phase, SYNC phase, H shift, freeze, panel lock
POWER CONSUMPTION:	230V AC, 50/60Hz (115V AC, USA), 14VA
INCLUDED ACCESSORIES:	Power cord, null-modem adapter, rack "ears"
PRODUCT DIMENSION:	19" x 7.20 x 1U (43.6cm x 18.30cm 4.36cm) W, D, H
PRODUCT WEIGHT:	0.0kg (0.0lbs) approx
SHIPPING DIMENSION:	55.00cm x 27.60cm x 10.70cm (21.65" x 10.87" x 4.21" ) W, D, H
SHIPPING WEIGHT:	2.6kg (5.7lbs) approx

