



# KRAMER

## FC-4046

MultiCoder® Universal Analog Video Format Transcoder

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The FC-4046 is a high-performance broadcast quality, universal video transcoder for analog video signals. It converts a composite video, s-Video (Y/C), or RGB/component video (YUV, RGsB, or RGSB) signal, to composite video, s-Video (Y/C) and RGB/component video (YUV, RGsB, or RGSB) signals simultaneously.

## FEATURES

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Bandwidth (Y & CV) - 5.5MHz (-3dB)

Control - Front panel and RS-232

**Bidirectional Format Conversion** - A composite video, s-Video, or component video input is simultaneously output as composite video, s-Video and component video

**Multi-Standard** - PAL, SECAM, NTSC 3.58/4.43 (selectable)

**Automatic Video Standards Recognition**

**Standards Conversion** - Between PAL and SECAM or NTSC 3.58 and 4.43 of same field rates (50Hz or 60Hz)

**ProcAmp Control** - Brightness, contrast, color (saturation) and hue (NTSC Only)

**Color Bar Generator**

**Front Panel Lockout**

**Non-Volatile Memory**

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



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## TECHNICAL SPECIFICATIONS

INPUT:	1 composite video, 1Vpp/75Ω on BNC connector; 1 Y/C, 1Vpp/75Ω (Y), 0.3Vpp/75Ω (C) on 4-pin connector; 1 R/R-Y, G/Y, B/B-Y SYNC on BNC connectors
OUTPUTS:	1 composite video, 1Vpp/75Ω on BNC connector; 1 Y/C, 1Vpp/75Ω (Y), 0.3Vpp/75Ω (C) on 4-pin connector; 1 R/R-Y, G/Y, B/B-Y SYNC on BNC connectors
MAX. OUTPUT LEVEL:	1.4Vpp
BANDWIDTH (-3dB):	5MHz
DIFF. GAIN:	1%
DIFF. PHASE:	0.7Deg
K-FACTOR:	0.4%
S/N RATIO:	66dB
CONTROLS:	Input/output format selectors, hue, bright, contrast and saturation controls
POWER CONSUMPTION:	100-240V AC, 50/60Hz, 15VA
INCLUDED ACCESSORIES:	Power cord, null-modem adapter, Windows®-based control software
PRODUCT DIMENSION:	19" x 7.20 x 1U (43.6cm x 18.30cm 4.36cm) W, D, H
PRODUCT WEIGHT:	1.8kg (4.1lbs) approx
SHIPPING DIMENSION:	55.00cm x 27.60cm x 10.70cm (21.65" x 10.87" x 4.21" ) W, D, H
SHIPPING WEIGHT:	2.7kg (6.0lbs) approx

