



## Video and s-Video to RGB Decoder

FC-19

The KRAMER FC-19 is an industrial level RGB Decoder, which converts both composite video and s-Video to their RGB components. An HD15 VGA type connector is provided on the back panel of the machine, with signal pinout conforming to the standard VGA connector. No scan conversion is performed in the machine, therefore

this connector can only be used with monitors capable of running at 15 kHz horizontal scan rates. The output signals are available simultaneously on the BNC connectors and on the HD15 connector and may be used independently.



## TECHNICAL SPECIFICATIONS

INPUTS:	1 composite video, 1Vpp / 75 $\Omega$ a BNC type connector. Y: 1Vpp / 75 $\Omega$ , C: 0.3Vpp / 75 $\Omega$ on a 4P connector.
OUTPUTS:	RED, GREEN, BLUE, SYNC at 0.7 Vpp / 75 $\Omega$ , on BNCs. RGB (analog), HS, VS TTL level on HD15 type connector at video scan rate.
VIDEO GAIN ERROR:	Less than 0.5 dB.
S/N RATIO:	64 dB.
LUMA BANDWIDTH:	10 MHz. -3 dB.
RESIDUAL SC.:	-38 dB.
NON LINEARITY:	< 3%.
RGB BALANCE ERROR:	Less than 0.5 dB.
DIMENSIONS:	19-inch (W), 7-inch (D) 1U (H) rack mountable.
POWER SOURCE:	230 VAC, 50/60 Hz., (115VAC, U.S.A.), 6 VA.
WEIGHT:	2.6 kg. (5.8 lbs.) approx.
ACCESSORIES:	Power cord.

## TYPICAL APPLICATIONS

- ☐ Interfacing between a s-Video (YC) source and a TV receiver with RGB input capabilities for excellent quality RGB presentations.
- ☐ Display of composite video or s-Video on wide screen displays, which accept RGB inputs, for best quality.
- ☐ Chroma key generation from a composite or s-Video source, eliminating the need for a three-tube camera.
- ☐ Viewing composite or s-Video on a PC multiscan monitor capable of operating at 15 kHz horizontal-scan frequency.