

FC-14

GROUP 4

Multi-standard RGB to Component Converter



The Kramer **FC-14** is a high quality, multi-standard converter that converts RGB video to component video (Y, B-Y, R-Y, sometimes called YUV). The unit allows RGB video to be displayed on plasma monitors and other display devices equipped with component video inputs. Different sync variants on the RGB inputs are supported - separate H & V (RGBHV), separate composite sync (RGBS), sync-on-green (RGSB), and even sync-on-all (RSGSBS). The unit recognizes any sync polarity, and is compatible with both video level (0.3V) and TTL level syncs. It can transcode any RGB video - progressive scan or interlaced - to component format, making it ideal for standard definition video as well as for high-definition video, VGA, sVGA, XGA, etc. The unit is adjustment-free, and uses high quality analog circuitry - eliminating the artifacts associated with digitizing, and allowing the unit to operate with any video resolution! The **FC-14** is rugged, dependable, and can be mounted in a 19" professional rack using the optional rack adapter.



TECHNICAL SPECIFICATIONS

INPUTS:	RGBHV on 5BNC connectors, wired in parallel to an HD15F connector.
OUTPUTS:	YUV (Y, R-Y, B-Y) on 3BNC connectors.
MAX. OUTPUT LEVEL:	1.5Vpp.
BANDWIDTH (-3dB):	120MHz.
DIFF. GAIN:	0.1%.
DIFF. PHASE:	0.4 deg.
K-FACTOR:	0.05%.
S/N RATIO:	60dB.
CONTROLS:	Input format selector switches: RGBHV, RGBS, RGSB, RSGSBS.
COUPLING:	AC.
POWER SOURCE:	12 VDC, 80mA.
DIMENSIONS:	22cm x 18cm x 4.5cm (8.7" x 7" x 1.7") W, D, H, (half 19", 1U).
WEIGHT:	0.94 kg (2 lbs.) approx.
ACCESSORIES:	Power supply.
OPTIONS:	19" rack adapters RK-80 (holds two units).

TYPICAL APPLICATIONS

- Any professional display system requiring a conversion between RGBHV and YUV.
- Multimedia, home theater and presentation applications.



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