



VGA/XGA to RGBHV Interface

VP-101

The Kramer VP-101 is a high performance VGA to BNC converter. It is designed to allow a single VGA, SVGA, XGA or SXGA source to be connected to a compatible monitor, projector, or other receiving device which requires an RGBS or RGBHV signal on BNCs. Bandwidth exceeding 300MHz ensures transparent performance, even with the highest resolution VGA modes. Note that the VP-101 does not perform any scan rate or resolution conversion.

Correct buffering and isolation is provided. In the composite sync mode, the regenerated sync maintains negative polarity as required by most RGBS devices. The input and outputs are AC coupled for maximum compatibility. A 12VDC power supply is included for typical operation. It is housed in a rugged, compact desktop enclosure, but two can be rack mounted in one vertical space of a standard 19" rack using the RK-50RN kit.



TECHNICAL SPECIFICATIONS

INPUT:	1 VGA / XGA on a HD 15F connector.
OUTPUT:	Analog red, green, blue signals - 0.7 Vpp / 75 Ω , H & V syncs, TTL level (Hi-Z load) or analog level (75 Ω load) on BNC connectors. Composite sync, TTL levels (Hi-Z load) or analog level (75 Ω load).
VIDEO BANDWIDTH:	300 MHz, -3 dB.
S/N RATIO:	75 dB.
CONTROL:	Composite sync or horizontal sync output selected by a rear panel switch.
COUPLING:	AC, inputs and outputs, with input protection circuitry.
DIMENSIONS:	16.5cm x 12 cm x 4.5 cm (6.5" x 4.7" x 1.7"), W, D, H.
POWER SOURCE:	12VDC, 30mA, (to be used with a current limited power supply).
WEIGHT:	0.6 kg. (1.3 lbs.) approx.
ACCESSORIES:	12VDC power supply.
OPTIONS:	19" rack adapter RK-50RN (see page 6.23 for details).

TYPICAL APPLICATIONS

- ☐ Presentation and display systems.
- ☐ Converting to BNCs for routing and distributions.