



VP-103

Computer Graphics Video Line Amplifier & Format Converter



Compatible with HDTV component video signals when used with a breakout cable such as the Kramer C-6M/3RVE.



The **VP-103** is a line amplifier and format converter for computer graphics video signals. It accepts a computer graphics video input on a 15-pin HD connector and converts it to two identical outputs of either RGSB, RGSB, or RGBHV.

FEATURES

- High Bandwidth - 315MHz (-3dB).
- HDTV Compatible.
- Dual Outputs.
- Level (Gain) and EQ (Peaking) Controls.
- Looping Input.
- Selectable Input Signal Termination.
- Output Sync Selectable.
- Desktop Size - Compact size. Can be mounted in a 1U rack space with the optional RK-MEDN adapter.

TECHNICAL SPECIFICATIONS

INPUT:	1 analog red, green, blue with loop, 0.7Vpp/75Ω, H & V sync, TTL level on a 15-pin HD (F) connector.
OUTPUTS:	2 analog red, green (with or without composite sync), blue signals, 0.7Vpp/75Ω, H & V syncs TTL level (Hi-Z load) or analog level (75Ω load) on BNC connectors; composite sync TTL levels (Hi-Z load) or analog level (75Ω load).
VIDEO BANDWIDTH (-3DB):	315MHz.
DIFF. GAIN:	0.47%.
DIFF. PHASE:	0.15Deg.
VIDEO S/N RATIO:	75dB.
CONTROL:	Composite sync or horizontal sync output, green or green + sync selected via front panel switches, level control: -1 to +4.1dB, EQ. control: 0 to +8.6dB @5.8MHz.
COUPLING:	AC, inputs and outputs, with input protection circuitry.
POWER CONSUMPTION:	12V DC, 110mA.
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	RK-MEDN 19" rack adapter.

