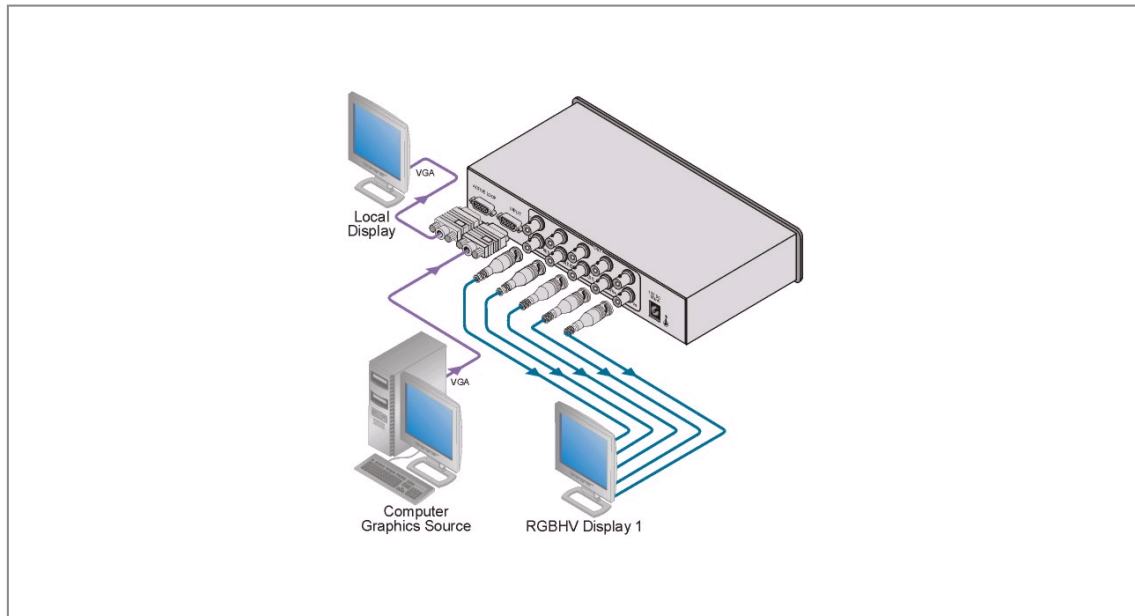




VP-103 XGA Line Amplifier/Converter



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 RGBS, RGsB, or RGBHV.





VP-103

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 rackmounted in a 1U rack space with the optional RK-MEDN adapter.

TECHNICAL SPECIFICATIONS

INPUTS:	Looping Analog Red, Green, Blue signals - 0.7 Vpp/75 Ω, H & V sync, TTL level, on HD15F connector.
OUTPUTS:	2 x Analog Red, Green (with or without Composite Sync), Blue signals – 0.7 Vpp/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:	315 MHz - 3dB.
DIFF. GAIN:	0.4%.
DIFF. PHASE:	0.15 Deg.
VIDEO S/N RATIO:	75 dB.
CONTROL:	Composite Sync or Horizontal Sync output, Green or Green + Sync selected via front panel switches, Level control: -1 to +4.1 dB, EQ. control: 0 to +8.6 dB @ 5.8 MHz.
COUPLING:	AC, inputs and outputs, with input protection circuitry.
POWER SOURCE:	12 VDC, 110mA 1.5 W max.
DIMENSIONS:	24.5cm x 18 cm x4.5 cm (9.6" x 7" x 1.8", W, D, H.).
WEIGHT:	1.1 Kg. (2.4 Lbs.) approx.
ACCESSORIES:	12 Volts DC power supply.
OPTIONS:	Rack mount kit RK-MEDN