

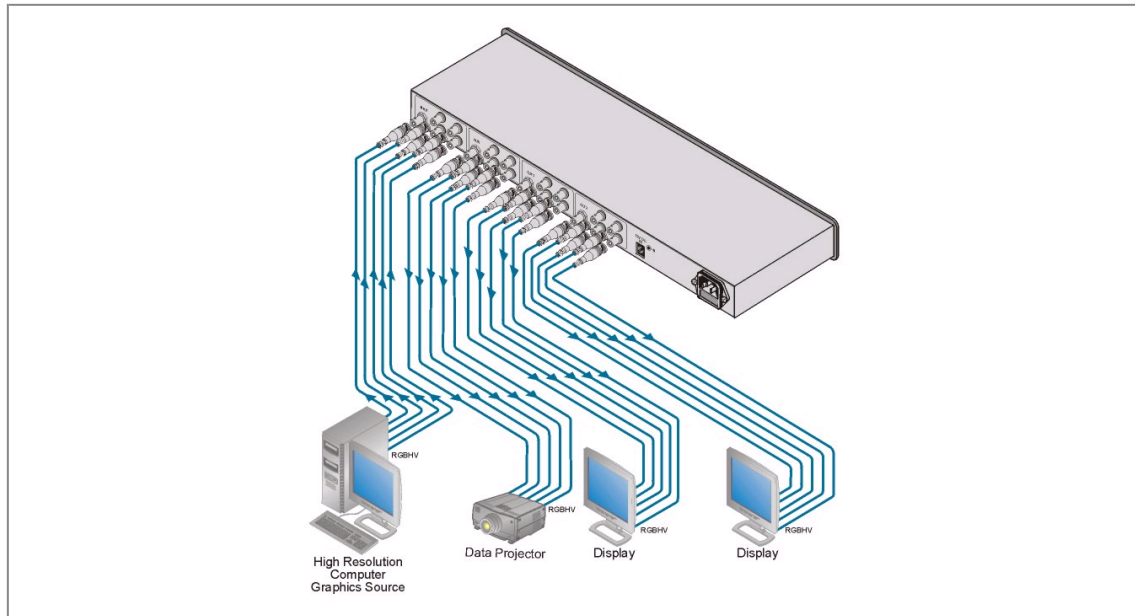


VP-123

1:3 RGBHV Distribution Amplifier



The **VP-123** and **VP-123V** are high performance amplifiers for computer graphics video signals with resolutions ranging from VGA through UXGA and higher. It takes one input, provides correct buffering and isolation, and distributes the signal to three identical outputs.





VP-123

FEATURES

- High Bandwidth - 450MHz (- 3dB).
- HDTV Compatible.
- Inputs - VP-123 (5 BNCs) & VP-123V (HD-15).
- Level (Gain) and EQ (Peaking) Controls.
- Worldwide Power Supply - 100-240V AC & 12V DC.
- Standard 19" Rack Mount Size - 1U.

TECHNICAL SPECIFICATIONS

INPUTS: 1 x 3-Component /RGB/
Composite video, 1 Vpp/75 Ω on
BNCs (VP-123) or on a HD-15F
connector (VP-123V) H Sync and
V Sync, TTL level.

OUTPUTS: 3 x 3-Component /RGB/
Composite video, 1 Vpp/75Ω on
BNCs 3 x H Sync, V Sync TTL
level on BNCs.

BANDWIDTH (- 370 MHz, fully loaded
3dB):

MAX. OUTPUT LEVEL: 2.1 Vpp /75 Ω (R, G, B)

DIFF. GAIN: 0.13%

DIFF. PHASE: 0.02 Deg.

K-FACTOR: <0.05%

S/N RATIO: 82.3 dB

CROSSTALK: 55.9 dB, all hostile

CONTROLS: Level: -0.8 to +6.3 dB; EQ.: 0 to
+13.6 dB @ 50 MHz

COUPLING: DC

POWER SOURCE: 12 VDC, 100 mA

DIMENSIONS: 19 inch (W), 7 inch (D), 1U (H)
rack mountable

WEIGHT: 2.36 kg. (5.2 lbs.) Approx.

ACCESSORIES: 12 VDC power supply