

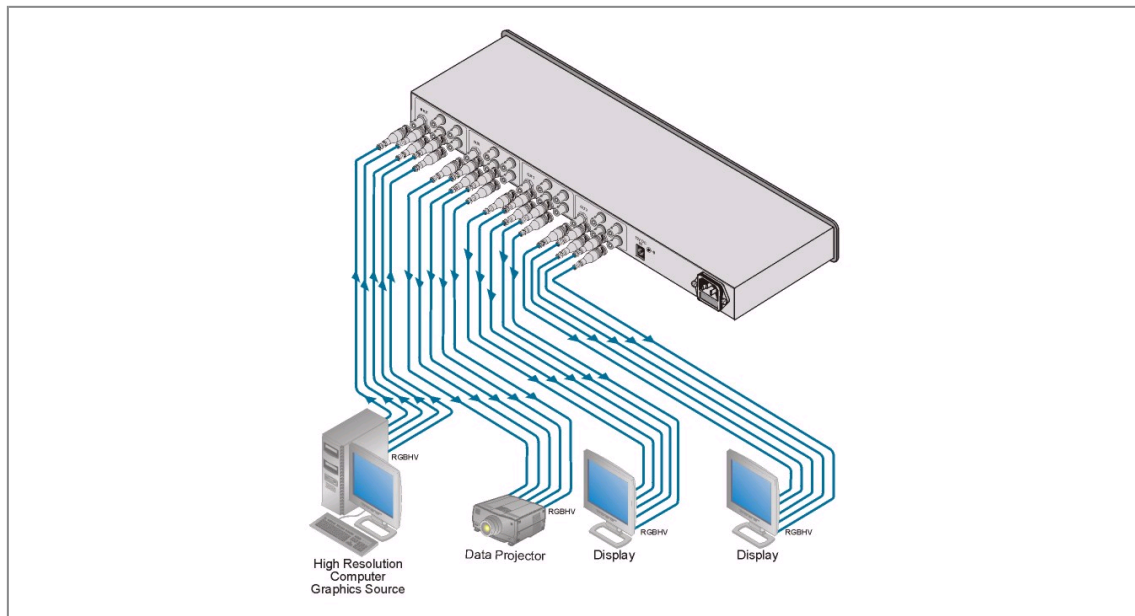


VP-123

1:3 RGBHV Computer Graphics Video 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. They take one input, provide correct buffering and isolation, and distribute the signal to three identical outputs.





VP-123

FEATURES

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

TECHNICAL SPECIFICATIONS

INPUT: 1x3 component/RGB/composite video, 1Vpp/75Ω on BNC connectors (VP-123) or on a 15-pin HD (F) connector (VP-123V) H Sync and V Sync, TTL level.

OUTPUT: 3x3 component/RGB/composite video, 1Vpp/75Ω on BNC connectors 3 x H Sync, V Sync TTL level on BNC connectors.

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

BANDWIDTH (-3dB): 450MHz.

DIFF. GAIN: 0.13%.

DIFF. PHASE: 0.02Deg.

K-FACTOR: <0.05%.

S/N RATIO: 82.3dB.

CROSSTALK: 55.9dB, all hostile.

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

COUPLING: DC.

POWER SOURCE: 12V DC, 100mA.

DIMENSIONS: 19" x 7" x 1U W, D, H, rack mountable.

WEIGHT: 2.36kg (5.2lbs) approx.

ACCESSORIES: 12V DC power supply.