

VP-123/VP-123V

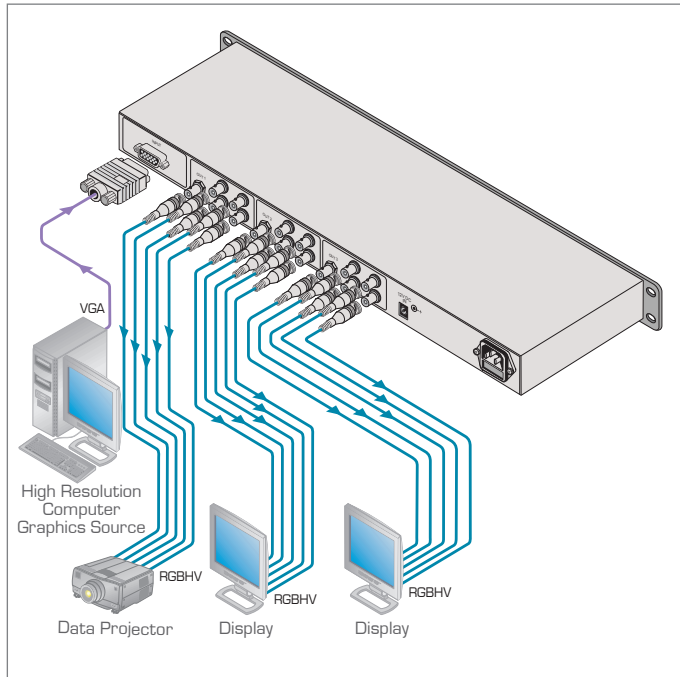
1:3 RGBHV Computer Graphics Video Distribution Amplifiers



The **VP-123** and **VP-123V** are high-performance amplifiers for computer graphics video signals with resolutions up to and exceeding UXGA. They take one input, provide correct buffering and isolation, and distribute the signal to three identical outputs.

FEATURES

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



TECHNICAL SPECIFICATIONS

INPUTS:	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.
OUTPUTS:	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 +6.3dB; EQ.: 0 to +13.6dB @50MHz.
COUPLING:	DC.
POWER SOURCE:	100-240V AC or 12V DC, 100mA.
DIMENSIONS:	19" x 7" x 1U W, D, H, rack mountable.
WEIGHT:	2.36kg (5.2lbs) approx.
ACCESSORIES:	Power supply, power cord.

