



1:2 VGA/XGA Line Amplifier & Processor VP-22

The Kramer VP-22 is a high performance line amplifier and processor for VGA, SVGA, XGA, SXGA and other VGA modes. It is designed to accept one VGA-type input and provide a total of three outputs, one passive VGA loop, one active VGA, and one active set of BNC outputs with selectable sync format. Separate gain and high frequency compensation controls are provided for each of the two active outputs to adjust for long cable runs. The VP-22 is exceptionally well featured offering control

of horizontal and vertical sync delay (plus defeat switches) on the BNC coaxial outputs, along with full sync processing to provide RGsB, RGSB, or RGBHV. Video bandwidth exceeding 350 MHz ensures transparent operation even at extremely high resolutions. It is housed in a rugged, professional enclosure, which requires one vertical space in a standard 19" rack.

DISTRIBUTION AMPLIFIERS



TECHNICAL SPECIFICATIONS

INPUT:	1 VGA / XGA looping on a HD 15F connectors with termination switch.
OUTPUT:	1 VGA / XGA on a HD 15F connector, analog red, green (with or without sync), blue signals - 0.7 Vpp / 75 Ω, H (or composite sync) & V syncs-TTL level, on BNCs.
VIDEO BANDWIDTH:	350 MHz. -3 dB.
DIFF. GAIN:	0.05%.
DIFF. PHASE:	0.05 Deg.
K-FACTOR:	<0.05 % (EQ. Off).
S/N RATIO:	76 dB.
CONTROL:	Cable equalization up to +8 dB for each output set, level control up to +6dB for each output set, horizontal and vertical delay control, H+V sync and sync on green front panel switches.
DIMENSIONS:	19 inch (W), 7 inch (D) 1U (H) rack mountable.
POWER SOURCE:	230 VAC, 50 / 60 Hz., (115 VAC, U.S.A.), 4 VA Max.
WEIGHT:	2.4 kg. (5.3 lbs.) approx.
ACCESSORIES:	Power cord.

TYPICAL APPLICATIONS

- Cable equalization and sync delay correction in high quality graphics systems.
- Remote computer and workstation VGA distribution.