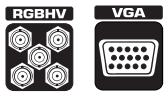
# VP-11

## VGA/XGA Presentation Processor






The Kramer **VP-11** is a unique processor, dealing with specific problems related to high resolution graphic signals, from VGA to UXGA. It converts VGA/XGA signals to RGBHV signals, on BNC connector connectors. The machine has a looping VGA/UXGA HD15 input and three sets of outputs – two outputs on HD15 type connectors and one output on 6 BNC connectors - red, green, blue, H sync, V sync and composite sync. The **VP-11** controls the individual levels of the red, green and blue signals (for chroma correction and white balance control). It also has contrast control (ideal for video and data projectors), definition/cable EQ. control for image enhancement and elimination of fine detail loss, and black level (DC) control for RGB DC offset control. The user can select green or green + sync output, as well as Horizontal and Vertical sync shift control for the RGBHV on BNC connectors output. The machine is housed in a rugged, professional rack mountable enclosure.

### | TECHNICAL SPECIFICATIONS

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|---|---|
| INPUTS: | Analog red, green, blue signals - 0.7 Vpp/75Ω, H & V syncs, TTL level looping on HD15F connectors with a termination switch and ID Bit control switch. |
| OUTPUTS: | Two analog red, green, blue signals - 0.7 Vpp/75Ω, H & V syncs, TTL level looping on HD15F connectors. One analog red, green, blue signals - 0.7 Vpp/75Ω, H, V and Cs syncs, TTL or analog level on BNC connector connectors. |
| VIDEO BANDWIDTH: | 300 MHz -3dB. |
| DIFF. GAIN: | 0.13%. |
| DIFF. PHASE: | 0.04 Deg. |
| VIDEO S/N RATIO: | 72 dB. |
| K-FACTOR: | < 0.05% |
| CONTROLS: | R, G, B: - 0.8 to +5.1 dB, black (DC offset): -1.3 to + 1 Volt, Contrast: 0 to +7.7dB, Definition: 0 to + 5.7 dB @ 5.8 MHz. Delay enable switch, G/G+Sync switch, H & V delay controls. |
| DIMENSIONS: | 19-inch (W), 7-inch (D) 1U (H) rack mountable. |
| POWER SOURCE: | 230 VAC, 50/60 Hz, (115 VAC, U.S.A.) 4.2 VA max. |
| WEIGHT: | 2.6 kg. (5.7 lbs.) approx. |
| ACCESSORIES: | Power cord. |

### | TYPICAL APPLICATIONS

- Any professional multimedia and presentation application where full image control is needed.
- Color correction and image enhancement of projector images in public, educational and stage applications.
- Special effects generation in video/data projection applications.