

VP-200N/VP-300N/VP-400N

| GROUP 1 |

High Resolution XGA DAs



The Kramer **VP-200N**, **VP-300N** and **VP-400N** are high performance 1:2, 1:3 and 1:4 distribution amplifiers for XGA and higher resolution signals. They are upgrades of the best-selling VP-200, VP-300 and VP-400 machines, with larger bandwidth and DC coupling throughout, for best linearity. They accept one input, provide correct buffering and isolation, and then distribute the signal to two, three or four identical outputs on high-density 15 pin HD connectors. Video bandwidth exceeding 400MHz ensures that the machines remain transparent even at high-resolution graphics modes such as UXGA (1600x1200). In addition, these new machines accept analog or digital syncs and provide ID bit control. The new series is ideal for multi monitor applications or presentation systems requiring local monitors and large screen display devices such as a projector. A 12V power supply is included. The **VP-200N/VP-300N/VP-400N** are part of the Kramer TOOLS family of compact, high quality, and cost effective solutions for a variety of applications.



TECHNICAL SPECIFICATIONS

INPUT:	VP-200N / VP-300N / VP-400N: 1 analog red, green, blue signals - 0.7 Vpp/75 Ω , H & V sync, TTL level, on HD15F connectors.
OUTPUTS:	VP-200N: 2 analog red, green, blue signals - 0.7 Vpp/75 Ω H & V sync, TTL level, on HD15F connectors. VP-300N: 3 analog red, green, blue signals - 0.7 Vpp/75 Ω H & V sync, TTL level, on HD15F connectors. VP-400N: 4 analog red, green, blue signals - 0.7 Vpp/75 Ω H & V sync, TTL level, on HD15F connectors.
MAX. OUTPUT LEVEL:	1.8 Vpp.
BANDWIDTH (-3dB):	> 400MHz.
DIFF. GAIN:	0.03%.
DIFF. PHASE:	0.07 Deg.
K-FACTOR:	< 0.05%.
S/N RATIO:	72dB.
CONTROLS:	Pair of switches for Hs (Horizontal Sync) and Vs (Vertical Sync) on the underside; ID Bit switch on the underside.
COUPLING:	DC.
POWER SOURCE:	12 VDC, 95.5mA.
DIMENSIONS:	12cm x 7.5cm x 2.5cm (4.7" x 2.95" x 0.98"), W, D, H.
WEIGHT:	0.3 kg. (0.67 lbs.) approx.
ACCESSORIES:	Power supply, mounting bracket.
OPTIONS:	19" rack adapters RK-T1, RK-T3.

TYPICAL APPLICATIONS

- Dual monitor systems.
- Presentation systems requiring a local monitor and a projector operating simultaneously.

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