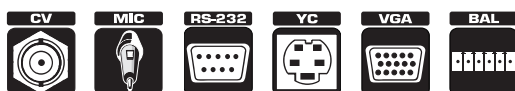


VP-23xl Presentation Switcher

| GROUP 2 |



The Kramer **VP-23xl** is a high quality Presentation Switcher designed for a wide variety of presentation and multimedia applications. In one high performance unit, it combines the functions of a 4x1 switcher for composite video, a 4x1 switcher for s-Video, and a 4x1 switcher for VGA/XGA-type signals, all with their appropriate balanced stereo audio channels. The **VP-23xl** is designed to be a one-box solution for installations that would otherwise require several separate products. Each section can be controlled independently of the others. The selected inputs are simultaneously available on separate output sockets. The **VP-23xl** is controlled by front panel buttons or by RS-232 serial commands transmitted by a touch screen system, personal computer, or other serial controller. The **VP-23xl** has an additional audio switching section which routes one of the audio inputs from the other switching sections to a separate output. This switching section can insert an additional microphone channel - either by switching, mixing or talk-over. Master audio output levels can be changed by RS-232 commands. Front-panel controls adjust VGA/XGA output level and EQ, master audio output level and microphone level.



TECHNICAL SPECIFICATIONS

INPUTS:	4 VGA/XGA on HD-15F connectors, 4 s-Video, 1Vpp (Y), 0.3Vpp (C)/75Ω on 4p connectors, 4 composite video 1Vpp/75Ω on BNC connectors. Each input is accompanied by the appropriate balanced audio stereo channels: + 4dBm/50 kΩ on detachable terminal block connectors. Mic: 3 mV/10 kΩ condenser/dynamic on an XLR connectors.
OUTPUTS:	1 x VGA/XGA, 1 s-Video - 1Vpp (Y), 0.3Vpp (C)/75Ω on a 4p connector, 1 composite video 1Vpp/75Ω on a BNC connector. Each output is accompanied by the appropriate audio stereo channel: + 4dBm/150Ω,; 1 Master audio + 4dBm/150Ω.
BANDWIDTH (-3dB):	XGA/VGA: 315MHz; s-Video (Y): 260MHz; composite video: 470MHz; audio: 40kHz.
DIFF. GAIN:	< 0.07 % all channels.
DIFF. PHASE:	< 0.05 Deg. all channels.
S/N RATIO:	Video: 75dB all channels; audio: 75dB/1Vpp, all channels.
CONTROLS:	16 selector switches; VGA/XGA level: up to 4dB; audio: up to 6dB, Mic: up to 49dB, Mic Talk over switch, Mic type selector switch (rear).
MAX OUTPUT:	Video: 2.1 Vpp; audio: 27 Vpp.
DIMENSIONS:	19-inch(W) x 7-inch(D) x 2U(H), rack mountable.
POWER:	230 VAC, 50/60 Hz, (115 VAC, U.S.A.) 16 VA.
WEIGHT:	3.7kg. (8.1 lbs.) approx.
ACCESSORIES:	Power Cord, PC control software.

TYPICAL APPLICATIONS

- Presentation and conference room systems.
- Production studios.
- Rental and staging.

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