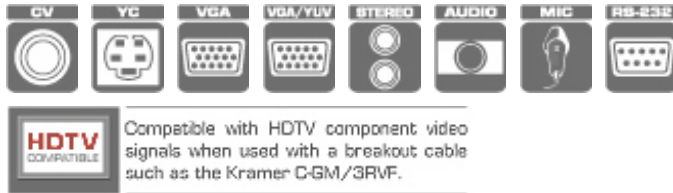




## VP-23C

### 10-Input Multi-Format Presentation Switcher with Stereo Audio



The VP-23C is a 2x1 composite or SDI video, a 2x1 s-Video (Y/C), a 2x1 component (YUV) and 4x1 computer graphics video switcher, each with unbalanced stereo audio. It is designed for a wide variety of presentation and multimedia applications.

## FEATURES

- **High Bandwidth** - 400MHz (-3dB) computer graphics video, 380MHz (-3dB) component (YUV) video, 310MHz (-3dB) s-Video (Y), & 310MHz (-3dB) composite video.
- **Video Connectors** - CV (RCA), Y/C (4-pin), component/VGA (15-pin HD) & VGA/UXGA (15-pin HD).
- **Audio Connectors** - 3.5mm mini jack for computer graphics & RCA for all others.
- **HDTV Compatible.**
- **Audio Level (Gain) Control for Master Output.**
- **Microphone Input Level Control.**
- **Master Audio Output** - Input selectable.
- **Microphone Mix Button.**
- **Mute Master Output Button.**
- **Flexible Control Options** - Front panel & RS-232 (K-Router™ Windows®-based Kramer software is included).
- **Front Panel Lockout.**
- **Worldwide Power Supply** - 100-240V AC.
- **Standard 19" Rack Mount Size** - 1U. Rack "ears" included.



## VP-23C

### TECHNICAL SPECIFICATIONS

INPUTS:	2 composite video, 1Vpp/75Ω on RCA connectors; 2 component video/UXGA on 15-pin HD (F) connectors; 4 VGA/UXGA on 15-pin HD (F) connectors; 4 unbalanced stereo audio on 3.5mm mini jacks (for VGA/UXGA): +4dBu/10kΩ; 6 unbalanced stereo audio channels: +4dBu/ 10kΩ on RCA connectors (for CV, Y/C, COMP/UXGA); Mic: 3mV/10kΩ condenser with 15V phantom voltage/dynamic on a 6.3mm phone jack.
OUTPUTS:	1 composite video (1Vpp/75Ω) on an RCA connector; 1 s-Video 1Vpp/75Ω (Y), 0.3Vpp/75Ω (C) on a 4-pin connector; 1 component video/UXGA on a 15-pin HD (F) connector; 1 VGA/UXGA on a 15-pin HD (F) connector; 1 unbalanced stereo master audio channel: +4dBu/50Ω on RCA connectors.
MAX. OUTPUT LEVEL:	Video: 2.1Vpp Audio: 27Vpp.
BANDWIDTH (-3dB):	Video: VGA/UXGA: 400MHz; s-Video (Y): 310MHz; Composite/SDI video: 310MHz; Component video: 380MHz; HDTV compatible; Audio: 40kHz.
DIFF. GAIN:	<0.07% all channels.
DIFF. PHASE:	<0.05Deg all channels.
S/N RATIO:	Video: 75dB all channels; Audio: 75dB/1Vpp all channels.
CONTROLS:	10 selector buttons, master audio level, mic audio level, mix, lock, mute, RS-232.
POWER SOURCE:	100-240V AC, 50/60Hz, (115V AC, USA) 7VA.
DIMENSIONS:	19" x 7" x 1U W, D, H, rack mountable.
WEIGHT:	2.6kg (5.8lbs) approx.
ACCESSORIES:	Power cord, null-modem adapter, Windows®-based Kramer control software, rack "ears".

