













The VP-23DS is a high-performance multi-format presentation switcher for composite video, s-Video, computer graphics video and stereo audio signals. It operates as a 2x1 composite video, 2x1 s-Video and a 4x1 computer graphics video switcher each with unbalanced stereo audio and can simultaneously output to an additional computer graphics video output - scaling the composite or s-Video inputs, or passing the computer graphics input.

## **FEATURES**

- High Bandwidth VGA (400MHz), s-Video/CV (310)MHz, Component (380).
- Scaled Outputs VGA (640x480), SVGA (800x600), XGA (1024x768) and WXGA (1366x768).
- Master Audio Output Level Control.
- Microphone Input Level Control.
- Condenser/Dynamic Microphone Selection.
- Microphone & Audio Mixing Master audio output.
- · Control Front panel and RS-232.
- Front Panel Control Lockout.
- Worldwide Power Supply 100-240V AC.
- Standard 19" Rack Mount Size 1U. Rack "ears"

## TECHNICAL SPECIFICATIONS

INPUTS: 2 composite video,  $1Vpp/75\Omega$  on RCA

connectors:

2 s-Video,  $1\text{Vpp}/75\Omega$  (Y),  $0.3\text{Vpp}/75\Omega$  (C)

on 4-pin connectors:

4 VGA/UXGA on 15-pin HD (F) connectors; 4 unbalanced stereo audio on 3.5mm mini jacks (for VGA/UXGA) +4dBu/10kΩ; 4 unbalanced stereo audio channels +4dBu/10kΩ on RCA connectors (2 for CV

and 2 for Y/C);

1 Mic: 3mV/10kΩ condenser/dynamic on a

6.3mm phone jack.

OUTPLITS: 1 composite video, 1Vpp/75 $\Omega$  on an

RCA connector; 1 s-Video 1Vpp/75Ω (Y),  $0.3Vpp/75\Omega$  (C) on a 4-pin connector; 1 VGA/UXGA on a 15-pin HD (F) connector;

1 VGA/UXGA scaler out on a 15-pin HD (F) connector;

1 unbalanced stereo master audio channel

+4dBu/50 $\Omega$  on RCA connectors;

SCALED OUTPUT

RESOLUTIONS:

MAX. OUTPUT LEVEL:

VGA (640x480), SVGA (800x600), XGA (1024x768) and WXGA (1366x768). Video: 2.1Vpp, XGA: 0.77Vpp; 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)

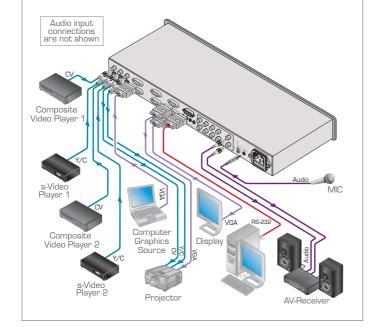
7VA.

19" x 7" x 1U W, D, H, rack mountable. DIMENSIONS: WFIGHT:

2.6kg (5.8lbs) approx.

ACCESSORIES: Power cord. null-modem adapter. Windows®-based Kramer control

software, rack "ears".





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