

VP-23DS

8-Input Multi-Format Presentation Switcher/Scaler with Stereo Audio



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" included.

TECHNICAL SPECIFICATIONS

INPUTS:

- 2 composite video, 1Vpp/75Ω on RCA connectors;
- 2 s-Video, 1Vpp/75Ω (Y), 0.3Vpp/75Ω (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 Y/C and 2 for Y/C);
- 1 Mic: 3mV/10kΩ condenser/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 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/50Ω on RCA connectors;

SCALED OUTPUT RESOLUTIONS: VGA (640x480), SVGA (800x600), XGA (1024x768) and WXGA (1366x768).

MAX. OUTPUT LEVEL: 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.

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".

