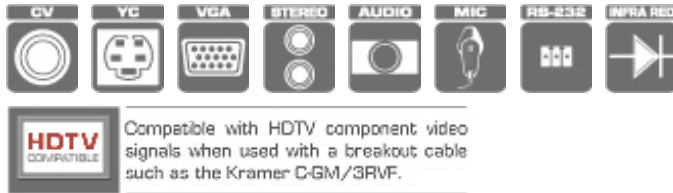




VP-27

12-Input Multi-Format Presentation Switcher



The VP-27 is a high-performance multi-format presentation switcher for composite video, s-Video, computer graphics video and stereo audio signals. It operates as a 4x1 composite video, 4x1 s-Video and a 4x1 computer graphics video switcher each with unbalanced stereo audio.

FEATURES

- High Bandwidth - Computer graphics video (415MHz), s-Video (Y) (725MHz), composite (683MHz).
- HDTV Compatible.
- Audio Level Memory - Remembers and returns to the last audio level setting during switching.
- Condenser or Dynamic Microphone - DIP-switch selectable.
- Microphone & Audio Mixing - Input selectable master audio output.
- Mic Talkover - Mutes master audio output when mic signal is sensed.
- Level Controls - Master audio output, microphone input.
- Flexible Control Options - Front panel, RS-232 & IR (included).
- Front Panel Control Lockout.
- Worldwide Power Supply - 100-240V AC.
- Standard 19" Rack Mount Size - 1U. Rack "ears" included.



VP-27

TECHNICAL SPECIFICATIONS

INPUTS:	4 composite video on RCA connectors; 4 s-Video on 4-pin connectors; 4 PC on 15-pin HD connectors; 4 unbalanced stereo audio on RCA connectors, L+R (for CV); 4 unbalanced stereo audio on RCA connectors, L+R (for Y/C); 4 unbalanced stereo audio on 3.5mm mini jacks (for PC); Mic: 3mV/10kW, condenser/dynamic on a 6.3mm phone connector.
OUTPUTS:	1 composite video on an RCA connector; 1 s-Video on a 4-pin connector; 1 PC on a 15-pin HD connector; 1 master audio on an RCA connector, L+R; 1 unbalanced stereo audio on an RCA connector, L+R (for CV); 1 unbalanced stereo audio on an RCA connector, L+R (for Y/C); 1 unbalanced stereo audio on a 3.5mm mini jack (for PC).
MAX. OUTPUT LEVEL:	Video: CV and Y/C: 1.8Vpp; PC: 2Vpp; Audio: CV and Y/C: 1.8Vpp; Mic: 6.2Vpp, PC: 6.2Vpp; Master: 6Vpp.
BANDWIDTH (-3dB):	CV: 683MHz; Y/C: 725MHz; PC: 415MHz; Audio: CV and Y/C: >40kHz; mic: 22.6kHz; PC: >40kHz; master: 22.5kHz.
DIFF. GAIN:	CV and Y/C: 0.03%; XGA: 0.05%.
DIFF. PHASE:	CV and PC: 0.03 Deg.; Y/C: 0.02Deg.
K-FACTOR:	<0.05%.
S/N RATIO:	Video (@5MHz): CV: 75.1dB; Y/C: 78.7dB; PC: 74.4dB; Audio (@1MHz): CV and Y/C: 78.5dB; PC: 78dB; mic: 52dB.
CROSSTALK (all hostile):	Video (@5MHz): CV: -50.5dB; Y/C: -33dB; PC: -51.5dB; Audio: -68.9dB @1MHz, -43.3dB @20kHz (Y/C).
CONTROLS:	MUTE, TALKOVER, MIX, LOCK, switching front panel buttons, RS 232, rear panel dipswitches, volume for line: -62dB to +14.1dB; mic volume: -17dB to +69.5dB.
COUPLING:	Video: DC; Audio: AC.
AUDIO THD + NOISE (@1kHz):	Y/C: 0.092%; PC: 0.024%.
AUDIO 2nd HARMONIC (@1kHz):	Y/C and PC: 0.03%.
POWER SOURCE:	100-240V AC, 6VA max.
DIMENSIONS:	19" x 7" x 1U (W, D, H) rack mountable.
WEIGHT:	2.7kg (6lbs) approx.
ACCESSORIES:	Power cord, Windows®-based control software, rack "ears".