VP-26

14-Input Multi-Format Presentation Matrix Switcher with Balanced Stereo Audio

CV	YC	BAL	YUV	MIC	SPKR	VGA	TP	RS-232	RS-485	ETH	INFRA RED

HDTV COMPATIBLE — Compatible with HDTV component video signals when used with a breakout cable such as the Kramer C-GM/3RVF.
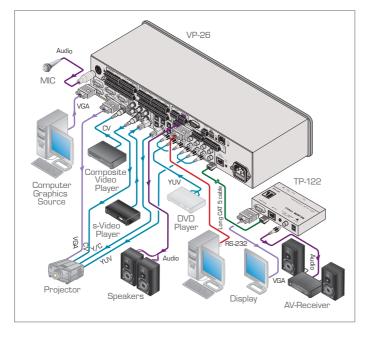
The VP-26 is a 4x2 composite or SDI video, a 4x2 s-Video (Y/C), a 2x2 component (YUV) and 4x2 computer graphics video matrix switcher, each with balanced stereo audio. It is designed for a wide variety of presentation and multimedia applications.

FEATURES

- **High Bandwidth** - 300MHz (-3dB) computer graphics video, 380MHz (-3dB) component (YUV) video, 320MHz (-3dB) s-Video (Y), 420MHz (-3dB) composite video, and CAT 5 up to UXGA.
- **Computer Graphics Outputs** - 15-pin HD and CAT 5 (VGA 2 OUT) up to 100m (> 320ft).
- **HDTV Compatible.**
- **Audio Level (Gain) Controls for Each Output.**
- **Microphone Input Level Control.**
- **Master Audio Output** - Input selectable.
- **Talkover Button** - Microphone input signal mutes the line audio output when a microphone detects sound.
- **Built-in Audio Amplifier** - 5W RMS per channel with speaker output connectors.
- **Flexible Control Options** - Front panel, IR & RS-485, RS-232 (K-Router™ Windows®-based Kramer software is included) & Ethernet.
- **Front Panel Lockout.**
- **Worldwide Power Supply** - 100-240V AC.
- **Standard 19" Rack Mount Size** - 2U. Rack "ears" included.

TECHNICAL SPECIFICATIONS

INPUTS:	4 VGA/UXGA on 15-pin HD (F) connectors; 4 s-Video, 1Vpp (Y), 0.3Vpp/75Ω (C) on 4-pin connectors; 4 composite video 1Vpp/75Ω on BNC connectors; 2 sets of component video (Y, Pb/Cb, Pr/Cr) 1Vpp, 0.7Vpp, 0.7Vpp on RCA connectors. Each input is accompanied by a balanced stereo audio channel: +4dBu/50kΩ on detachable terminal block connectors; Mic: 3mV/10kΩ condenser/dynamic on an XLR connector.
OUTPUTS:	2 VGA/UXGA on 15-pin HD (F) connectors; 2 s-Video, 1Vpp (Y), 0.3Vpp/75Ω (C) on 4-pin connectors; 2 composite video 1Vpp/75Ω on BNC connectors; 2 sets of component video (Y, Pb/Cb, Pr/Cr) 1Vpp, 0.7Vpp, 0.7Vpp on RCA connectors. Each output is accompanied by a balanced stereo-audio channel: +4dBu/150Ω on detachable terminal blocks; 1 master stereo audio +4dBu/150Ω on a detachable terminal block, 1 UTP CAT 5 connector line OUT; 1 stereo speaker output 2x5W continuous into 4Ω.
MAX. OUTPUT LEVEL:	Video: VGA/UXGA: 2.85Vpp, Y/C: 2.8Vpp, CV: 3.8Vpp, Component video 2.7Vpp, CAT 5: 2Vpp; Audio: Group: 20dBu, Master: 15dBu.
BANDWIDTH (-3dB):	Video: VGA/UXGA: 300MHz, Y/C: 320MHz, CV: 420MHz, Component video: 380MHz, CAT 5: up to UXGA; Audio: Group: 46kHz, Speakers: 40kHz, Master: 33kHz.
DIFF. GAIN:	VGA/UXGA: 0.15%; Y/C: 0.03%; CV: 0.03%.
DIFF. PHASE:	VGA/UXGA: 0.09Deg.; Y/C: 0.03Deg.; CV: 0.03Deg.; CAT 5: 0.2Deg.
K-FACTOR:	<0.1%.
S/N RATIO:	Video: VGA/UXGA: 75dB, Y/C: 81dB, CV: 75dB, Component video: 76dB, CAT 5: 59dB, (unweighted); Audio: Group: 74dB, Speakers: 53dB (max pwr weighted), Master out: 72dB.
CROSSTALK (all hostile):	Video: VGA/UXGA: -45dB, Y/C: -48dB; CV: -41dB, Component video: -43dB; Audio: Group: <-76dB, Master: <-69dB @1kHz
COUPLING:	Video: VGA/UXGA, Y/C and CV: DC; Audio: AC, input and output.
AUDIO THD + NOISE@1kHz:	Group: 0.08%; Speakers: 2% (max pwr); Master: 0.25%
AUDIO 2nd HARMONIC:	Group: 0.065%; Speakers: 1.6% (max pwr); Master: 0.155%
CONTROLS:	Channel selector for video and audio, for VGA/UXGA, Y/C and CV; master audio output selector, master audio level, mic audio level, talkover, lock, RS-232, RS-485, Ethernet, IR.
POWER SOURCE:	100-240V AC, 50/60Hz, 37VA.
DIMENSIONS:	19" x 7" x 2U W, D, H, rack mountable.
WEIGHT:	3.8kg (8.4lbs) approx.
ACCESSORIES:	Power cord, null-modem adapter, Windows®-based Kramer control software, Windows®-based Ethernet Configuration Manager and Virtual Serial Port Manager, infrared remote control transmitter, rack "ears".