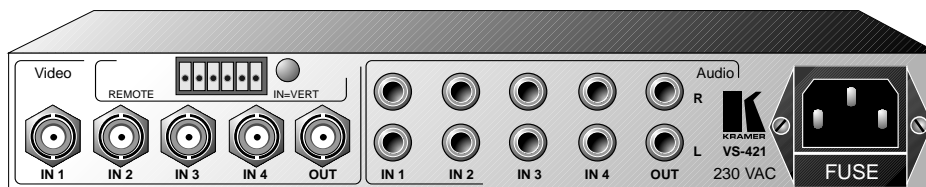
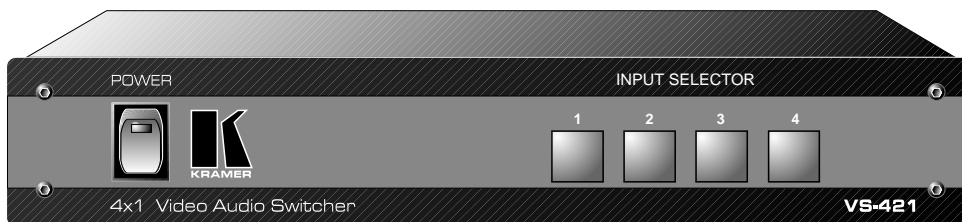


**4x1 Video Audio Switcher****VS-421**

The Kramer **VS-421** 4x1 *Video Audio Switcher* provides truly effortless switching between four Video/Audio-stereo or Balanced-Audio (mono) inputs and one output. Using the switch on the rear panel, the user can select the mode of operation: Vertical Interval switching for flicker-free switching between synchronized sources or immediate electronic switching. The machine may be remote controlled via a connector on the back by shorting the relevant pin to ground. Video signals are DC coupled and audio signals are electromechanical selected for the highest performance. Video signal bandwidth of well over 330 MHz and superb performance allows the switcher to be used for SDI (Serial Digital) signals as well, making it most flexible signal switcher for any purpose.

Some features and applications:

- ❖ Video production studios for routing various sources to the appropriate acceptors.
- ❖ Live broadcasting, for switching between cameras in *real-time*.
- ❖ CCTV and security applications, for scanning alarm cameras.

**Technical Specifications:**

INPUTS:	4 Composite Video / SDI, 1Vpp/75 Ω , on BNCs.
	4 Audio-stereo (Or balanced mono), +30 dBm typ. on RCAs.
OUTPUTS:	1 Composite Video, 1Vpp/75 Ω on BNCs.
	1 Audio-stereo / Balanced mono +30 dBm typ. on RCAs.
BANDWIDTH (VIDEO):	Exceeding 330 MHz -3dB.
BANDWIDTH (AUDIO):	50 kHz, -1dB.
NON LINEARITY:	0.1%.
DIFF. PHASE:	0.03 Deg.
K-FACTOR:	<0.1%.
VIDEO CROSSTALK:	-65dB (SYNC).
DIMENSIONS:	24.5cm X 18cm X 4.5cm (W, D, H.)
POWER SOURCE:	230 VAC, 50/60 Hz, (115VAC U.S.A.)
	DIFF. GAIN: 0.1%
	LUMA S/N: >71 dB.