



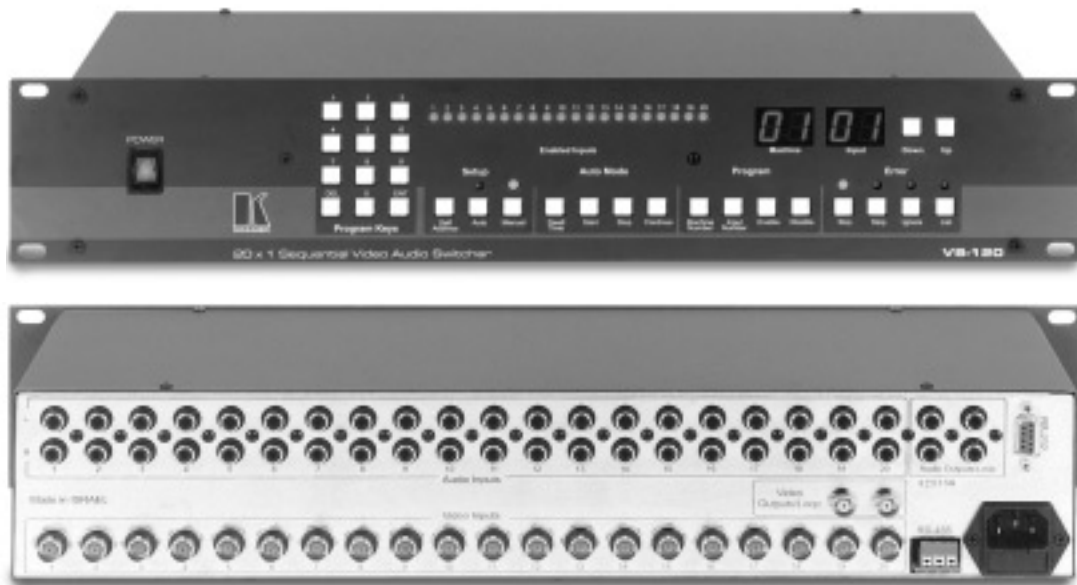
20x1 Video Audio Scanner

VS-120

The Kramer VS-120 is a programmable scanning video switcher designed to sequentially cycle through up to 20 video and audio stereo sources. Operating stand-alone it accepts up to 20 inputs, but multiple VS-120's can be cascaded to allow as many as 2000 sources to be monitored. It is ideal as a quality control tool in video duplication facilities as well as a sophisticated alarm camera scanner. Switching is performed during the vertical interval for glitch-free transitions between

genlocked sources.

The VS-120 can be controlled by front panel buttons, RS-232, or RS-485 commands transmitted by a touch screen system, personal computer, or other serial controller. Operation is fully microprocessor controlled. It is rugged, dependable, and is housed in a professional rack mountable enclosure, which occupies two vertical spaces in a standard 19" rack.



TECHNICAL SPECIFICATIONS

INPUTS:	20 video 1Vpp / 75 Ω on BNC connectors. 20 audio stereo, 1Vpp / 50k Ω on RCA connectors.
OUTPUTS:	1 video, 1Vpp / 75 Ω on 2 BNCs, parallel connected. 1 audio stereo, 1Vpp / 100 Ω on 2x2 RCAs, parallel connected. DB-9 for RS-232, 3 binding posts for RS-485.
DISPLAY:	4 seven-segment display LEDs, 20 LED status display.
CONTROL:	12 key keypad control, 17 touch switch setup controls, RS-232, RS-485.
SWITCHING:	Vertical interval.
DWELL TIME:	1 Sec - 60 Sec.
ERROR DETECTION:	Sync detection.
VIDEO BANDWIDTH:	25 MHz. -3dB.
AUDIO BANDWIDTH:	20 kHz. -1dB.
DIFF. GAIN:	1.3%.
K-FACTOR:	<0.05%.
DIMENSION:	19 inch (W), 7 inch (D), 2U (H) rack mountable.
POWER:	230 VAC, 50 / 60 Hz (115 VAC, U.S.A) 6.7 VA.
WEIGHT:	4.1 kg. (9.1 lbs.) approx.
ACCESSORIES:	Power cord, Windows 95/98 control software, null modem adapter.

TYPICAL APPLICATIONS

- ☐ Fully programmable, EPROM/NOV RAM memory for setup saves and recalls.
- ☐ Monitoring in large duplication systems.
- ☐ Automatic error detection (sync failure or disconnection) in security systems.

WEB: www.kramerelectronics.com

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