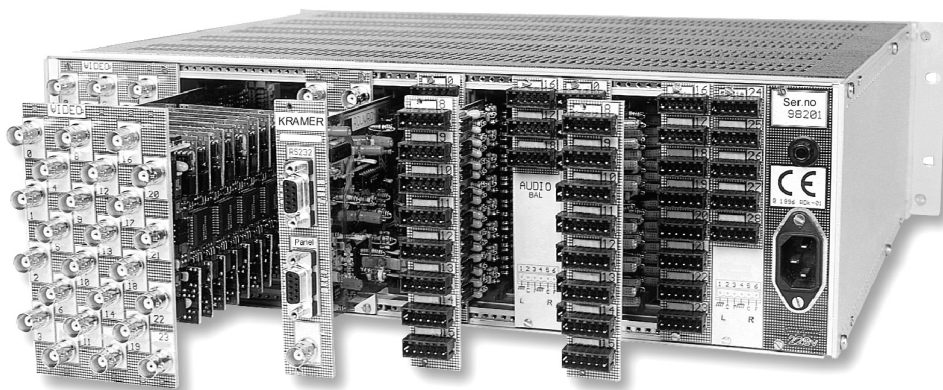


Tailor Made Audio Video Routing Switchers

GROUP 2



Kramer tailor made routing switchers are the ideal choice for high performance, high bandwidth routing switchers for non standard combinations of inputs, outputs, video and audio formats. With bandwidth of over 325MHz, these switchers are capable of routing any number of CV, s-Video, RGB, YUV and RGBHV video signals on BNC's as well as audio signals, mono or stereo, balanced or unbalanced on detachable terminal blocks. Optional modules for Vertical Interval switching, VCA (Voltage Control Amplifier) and output level control, IR control, sync and color bar generation and text generation are available. The switchers are operated by RS-232 or RS-422 serial connection and each cross point, whether video, audio or VCA has a unique address controllable via PC or touch panel. Kramer offers a simple and user-friendly software program which has individual window indicators for audio, video and VCA cross points. The status of the switcher appears on its own display. The 19" 1U control Touch Panel has an LCD display, four search buttons and 1 validation "take" button. These machines permit audio-follow-video or audio breakaway switching. The price/performance is perfect for medium and large-sized routing applications.



TECHNICAL SPECIFICATIONS

VIDEO BANDWIDTH (-3dB):	325MHz.(typical) on BNC connectors, 1 Vpp/325Ω.
AUDIO BANDWIDTH (-3dB):	24kHz.
AUDIO INPUT LEVEL CONTROL:	- 22dB to +10dB via RS-232.
BALANCED / UNBALANCED:	3KΩ/10KΩ, selectable individually via RS-232.
IN-OUT DELAY:	35nS.
DIFF. PHASE:	0.5 Deg.
DIFF GAIN:	0.5%.
LUMA S/N:	70dB.
S/N RATIO:	90dB.
VIDEO CROSSTALK:	- 60dB adjacent channels, - 75dB remote channels (at 4.43MHz.).
AUDIO CROSSTALK:	- 85dB@20kHz.
CONTROL:	PC, Control unit.
THD+NOISE:	0.05%.
POWER SOURCE:	230VAC, 50/60Hz, (115VAC U.S.A.).
DIMENSIONS:	19" x 14" x 3,6,9, or 12 U (W, D, H).

TYPICAL APPLICATIONS

- Presentation and production applications.



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