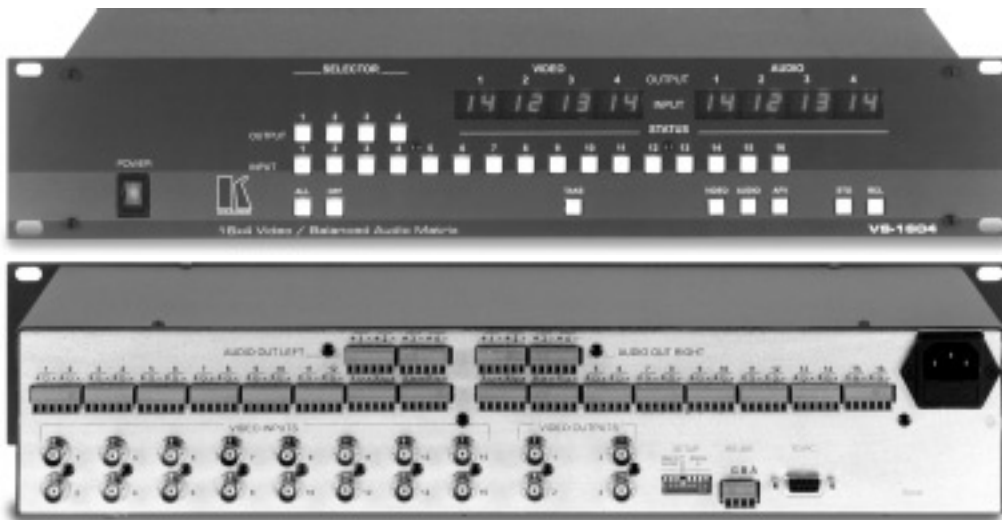


16x4 Video & Balanced Audio Matrix Switcher VS-1604

The Kramer VS-1604 is a high performance, 16x4 vertical interval matrix switcher for composite video and balanced audio stereo signals. It is a true matrix, allowing the user to route any input to any or all outputs simultaneously. Since the VS-1604 switches during the vertical interval, transitions are glitch-free when sources share common reference sync. There are many updated features on this popular design including audio breakaway, which provides the ability to switch audio independently from video. In addition, the TAKE button

allows the user to place multiple switches in a queue, then activate them with one touch of this button. Kramer's new control software is included for applications where a Windows™ based PC is used to control the VS-1604. There are three ways to control the VS-1604: front-panel buttons, RS-232, and RS-485. It is dependable, rugged, and fits in two vertical spaces of a standard 19" rack. Video bandwidth of 200 MHz. ensures that the VS-1604 remains transparent even in the most critical applications.



TECHNICAL SPECIFICATIONS

INPUTS:	16 composite video, 1Vpp / 75 Ω on BNCs. 16 balanced audio stereo, +4dBm / 47k Ω on detachable terminal blocks.
OUTPUTS:	4 composite video, 1Vpp / 75 Ω on BNCs. 4 balanced audio stereo, +4dBm / 50 Ω (20 Vpp max.) on detachable terminal blocks.
VIDEO BANDWIDTH:	200 MHz. -3dB.
VIDEO CROSSTALK:	< -60 dB @ 5MHz.
NON LINEARITY:	< 0.05%.
VIDEO S/N:	> 73 dB.
DIFF. GAIN:	< 0.04%.
DIFF. PHASE:	< 0.04 Deg.
K-FACTOR:	< 0.05%.
AUDIO BANDWIDTH:	> 100 kHz. -3dB.
AUDIO S/N:	82 dB unweighted, (1Vpp).
AUDIO THD:	0.021% (1V, 1kHz.).
2nd Harmonic	0.004%.
CONTROL:	Manual, RS-232 or RS-485.
SWITCHING:	Vertical interval.
DIMENSIONS:	19-inch (W), 7-inch (D) 2U (H) rack mountable.
POWER SOURCE:	230 VAC, 50/60 Hz., (115VAC, U.S.A.) 10VA.
WEIGHT:	3.4 kg (7.5 lbs.) approx.
ACCESSORIES:	Power cord, Windows 95/98 control software, null modem adapter.

TYPICAL APPLICATIONS

- ☐ Any professional system requiring outstanding value in a 16x4 matrix.
- ☐ Production and duplications facilities, rental and staging.
- ☐ Security, CCTV, and home theater systems.