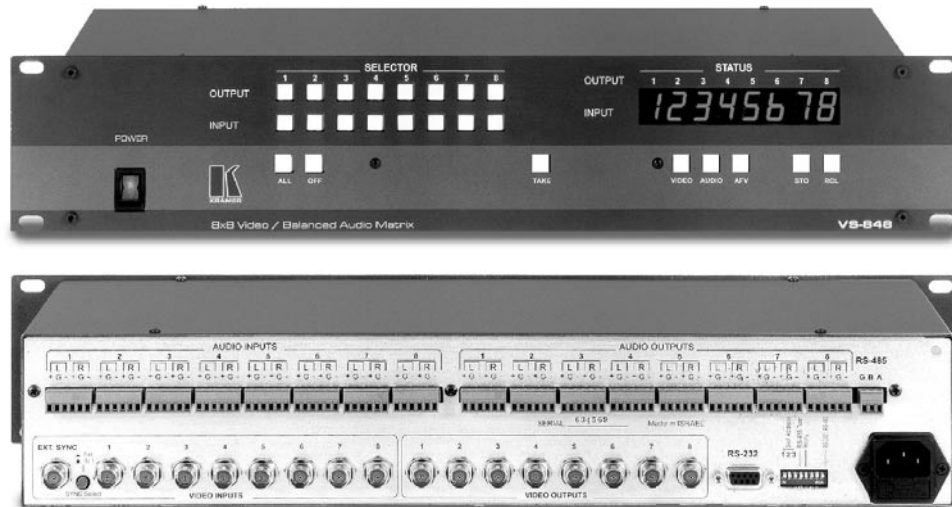


## VS-848

### 8x8 Balanced A/V Matrix Switcher



The Kramer **VS-848** is a high performance, 8 x 8 vertical interval matrix switcher for composite video and balanced stereo audio signals. It is a true matrix, allowing the user to route any input to any or all outputs simultaneously. Since the **VS-848** switches during the vertical interval, transitions are glitch-free when sources share a 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. Eight preset memory locations are provided for quick access to common configurations. Also, the TAKE button allows the user to place multiple switches in a queue, then activate them with one touch of this button. Kramer's K-Router control software is included for applications where a Windows® - based PC is used to control the **VS-848**. There are a total of three ways to control the **VS-848**; 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 200MHz ensures that the **VS-848** remains transparent even in the most critical applications.



#### TECHNICAL SPECIFICATIONS

INPUTS:	8 composite video, 1Vpp/75 $\Omega$ on BNC connectors. 1 Sync/Video Genlock 1Vpp/75 $\Omega$ with sync select switch. 8 balanced audio stereo, +4dBm/33k $\Omega$ on detachable terminal blocks.
OUTPUTS:	8 composite video, 1Vpp/75 $\Omega$ on BNC connectors. 8 balanced audio stereo, +4dBm/50 $\Omega$ on detachable terminal blocks.
MAXIMAL AUDIO:	24Vpp (> 27dBm).
VIDEO BANDWIDTH (-3dB):	200MHz.
AUDIO BANDWIDTH (-3dB):	100kHz.
NON LINEARITY:	0.1%.
DIFF. GAIN:	0.05%.
DIFF. PHASE:	0.03 Deg.
K-FACTOR:	< 0.05%.
VIDEO S/N:	74dB.
AUDIO S/N:	84dB. Unweighted (1Vpp).
VIDEO CROSSTALK:	-50dB @ 5MHz.
CONTROL:	Manual, RS-232 or RS-485.
AUDIO THD:	0.025% (1V, 1kHz).
2nd HARMONIC:	0.013%.
SWITCHING:	Vertical interval.
POWER SOURCE:	230VAC, 50/60Hz, (115VAC, U.S.A.), 14VA.
DIMENSIONS:	19 inch (W), 7 inch (D) 2U (H) rack mountable.
WEIGHT:	3.5kg (7.8lbs) approx.
ACCESSORIES:	Power cord, Windows® - based control software, Null modem adapter.

#### TYPICAL APPLICATIONS

- Any professional system requiring outstanding value in a 8 x 8 matrix.
- Production and duplications facilities, rental and staging.
- Security, CCTV, and home theater systems.
- Production studio vertical interval routing between Genlocked sources.

