



YC / Balanced Audio Matrix Switchers VS-804/806YC

The Kramer VS-806YC and VS-804YC are high performance, 8x6 and 8x4 vertical interval matrix switchers for s-Video and balanced audio stereo signals. The machines are true matrix switchers, allowing the user to route any input to any or all outputs simultaneously. Since the machines switch during the vertical interval, transitions are glitch-free when sources share common reference sync. There are many updated features on these popular designs 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, and then activate them with one touch of this button or a single serial command. The machines have a "LOCK" switch, to lock the panel buttons to avoid switching mistakes. Kramer's new control software is included for applications where a Windows™ based PC is used to control the switcher. There are three ways to control the machines: front-panel buttons, RS-232, and RS-485. They are dependable, rugged, and fit in two vertical spaces of a standard 19" rack.



TECHNICAL SPECIFICATIONS

INPUTS:	8 s-Video, 1Vpp / 75 (Y), 0.3 Vpp / 75 (C) on 4P connectors. 8 balanced audio stereo, +4 dBm / 47 k on detachable terminal blocks.
OUTPUTS:	6 (4 for the VS-804YC) s-Video, 1 Vpp / 75 (Y), 0.3 Vpp / 75 (C) on 4P connectors. 6 (4 for the VS-804YC) balanced audio stereo, +4dBm / 50 (20 Vpp max.) on detachable terminal blocks.
VIDEO BANDWIDTH:	44 MHz. -3 dB.
VIDEO CROSSTALK:	<-48 dB @ 5MHz.
NON LINEARITY:	<0.6%.
VIDEO S/N:	> 81dB.
DIFF GAIN:	<0.08%.
DIFF. PHASE:	<0.05 Deg.
K-FACTOR:	<0.1%.
AUDIO BANDWIDTH:	> 100 kHz. -3 dB.
AUDIO S/N:	84 dB unweighted, (1Vpp).
AUDIO THD:	0.025% (1V, 1 kHz.).
2HD HARMONIC:	0.013%.
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:	3.3 kg (7.3 lbs.) approx.
ACCESSORIES:	Power cord, Windows 95/98 control software, Null modem adapter.

TYPICAL APPLICATIONS

- Any professional system requiring outstanding value in an 8x6/ 8x4 s-Video / audio matrix switcher.
- Production and duplications facilities, rental and staging.