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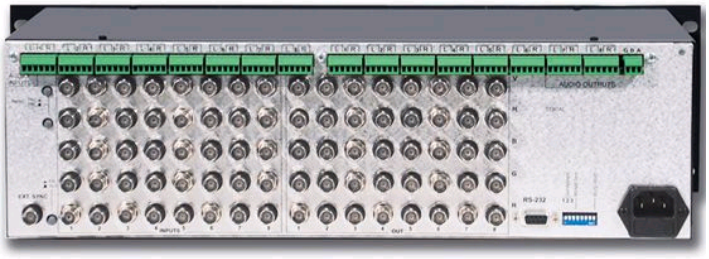
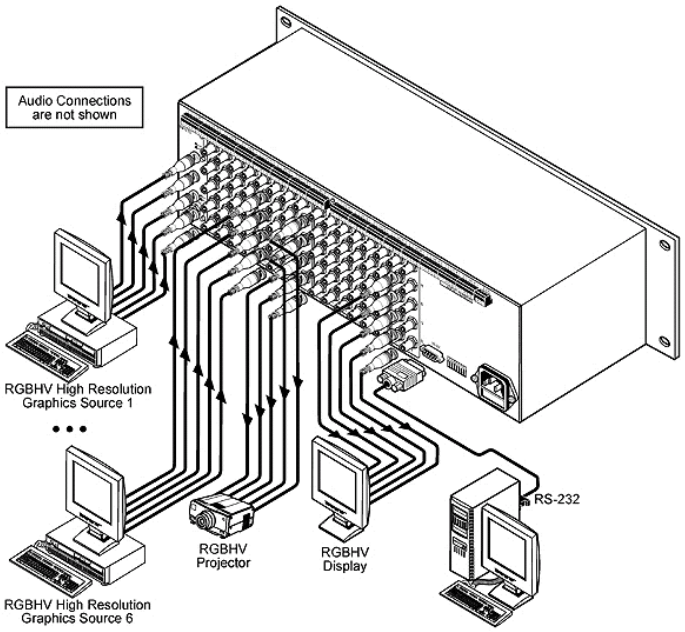
SWITCHERS, MATRIX SWITCHERS & CONTROLLERS

8X8 RGBHV/BALANCED AUDIO MATRIX SWITCHER



DESCRIPTION

The VP-88 is a high performance, 8x8 RGBHV/ balanced stereo audio matrix switcher for high resolution video / VGA-XGA and balanced stereo audio signals. It is a true matrix, routing any input to any or all outputs simultaneously. Since the VP-88 can switch during the vertical interval, transitions are glitch-free when sources share a common reference sync. The VP-88 is the largest in the line of RGBHV/Audio matrices which includes the VP-84 (8x4), VP-82 (8x2), VP-66 (6x6), and the VP-64 (6x4), all similar in performance. 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. 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. There are three ways to control the VP-88: front-panel buttons, RS-232, and RS-485. It is dependable, rugged, and fits in three vertical spaces of a standard 19" rack (3U). Video bandwidth of 300MHz ensures that the VP-88 remains transparent even in the most critical applications.



SPECIFICATIONS

INPUTS:	8 x 3 video (RGB) 0.7Vpp/75Ω on BNC connectors. 1 Sync/Video Genlock 1Vpp/75Ω with sync select switch. 8 x 2 H & V, TTL level/510 Ω or video, 1Vpp/75Ω. 8 balanced stereo audio + 4dBm/33 kΩ on detachable terminal blocks.
OUTPUTS:	8 x 3 video (RGB) 0.7Vpp/75Ω on BNC connectors. 8 x 2 H & V, TTL level/510Ω or video, 1Vpp/75Ω.8 balanced audio stereo, + 4dBm/150Ω (24Vpp max.) on detachable terminal blocks.
VIDEO BANDWIDTH(-3DB):	300MHz.
AUDIO BANDWIDTH(-3DB):	100 kHz.
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).
POWER SOURCE:	230VAC, 50/60 Hz, (115VAC, U.S.A.).
DIMENSIONS:	19 inch (W), 7 inch (D), 3U (H) rack mountable.
WEIGHT:	5.5 kg (12.2 lbs) approx.
ACCESSORIES:	Power cord, Windows® - based control software, Null modem adapter.