Video Audio Processor SP-11

The Kramer SP-11 is a studio quality video processor with a unique combination of switching, distributing, and transcoding capabilities. It is designed primarily to control video properties such as hue, color, black level, brightness, etc. The SP-11 has a total of four inputs (two composite video and two s-Video). Simple front-panel buttons select the desired input, which is then processed and routed to all four outputs simultaneously via internal composite/s-Video transcoding.
Eight independent adjustments are provided namely VIDEO GAIN down to full fade, log or linear DEFINITION, log or linear CONTRAST, COLOR saturation, BLACK level, and separate RED, GREEN, and BLUE level controls. The screen SPLITTER provides "before and after" comparison on one monitor. Audio inputs are switched with their respective video inputs, and cannot be controlled separately. The SP-11 is dependable rugged, and fits in one vertical space of a standard 19" rack.

TECHNICAL SPECIFICATIONS

INPUTS:	2 composite video, 1 Vpp / 75 on BNCs, 2 Y/C - 1 Vpp / 75 (Y), 0.3V / 75 (C), on 4P connectors. 4 audio stereo, 1 Vpp / 50 k on RCAs.
OUTPUTS:	2 composite video, 1 Vpp / 75 on BNCs, 2 Y/C - 1 Vpp / 75 (Y), 0.3V / 75 (C), on 4P connectors. 4 audio stereo, 1 Vpp / 100 on RCAs.
DIFF. GAIN:	1.15%.
DIFF. PHASE:	0.24 Deg.
K-FACTOR:	1.7%.
VIDEO S/N:	73 dB.
COUPLING:	DC (video), AC (audio).
INPUT SELECTOR:	Vertical interval.
BANDWIDTH:	65 MHz. -3dB.(Y), 20kHz. -3dB. (audio).
AUDIO THD:	0.019%.
AUDIO S/N RATIO:	86 dB.
CONTROL:	Video gain (fade to +6dB), black Level, contrast, definition, color saturation (-3dB to +6dB) red, green, blue controls (-40 dB to +6 dB), screen splitter (process to bypass).
DIMENSIONS:	19 inch (W), 7 inch (D), 1 U (H) rack mountable.
POWER SOURCE:	230 VAC, 50/60 Hz, (115VAC, U.S.A.) 13.8 VA.
WEIGHT:	2.9 kg. (6.4 lbs.) approx.
ACCESSORIES:	Power cord.

TYPICAL APPLICATIONS

- Video control and correction in duplication and production studios.
- Camera control, luminance and white balance correction.
- Medical, industrial and military image enhancement. Composite to YC switching and bi-directional transcoding.