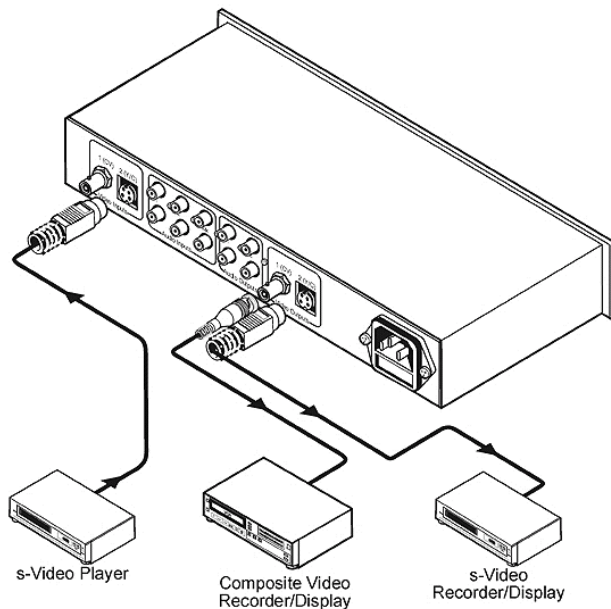


SP-40

VIDEO AUDIO PROCESSOR



The SP-40 is a high performance video processor for composite and s-Video (Y/C) signals with unbalanced stereo audio. The original and processed image can be viewed simultaneously with the split screen output enabled.



DESCRIPTION

- Bandwidth (Y) - 60MHz (- 3dB).
- Audio Mix - For mixing selected AV input audio with auxillary audio input.
- Built-in Bi-Directional Format Conversion - Will outputs composite video and s-Video simultaneously regardless of input selection.
- Proc Amp Control - Level (Gain), contrast, definition (sharpness), color (saturation), black level, limiter switch.
- Screen Splitter - Simultaneous display of original video and processed video on a single screen (adjustable).
- Desktop Size - Compact size. Can be rack mounted in a 1U rack space with the optional RK-40 adapter.

SPECIFICATIONS

INPUTS: 1 composite video, 1Vpp/75Ω on a BNC connector, 1 YC - 1Vpp/75 Ω (Y) 0.3V/75Ω (C), on a 4p connector. 2 stereo audio, 1Vpp/50 kΩ, 1 AUX stereo audio input, 1Vpp/50 kΩ on RCA connectors.

OUTPUTS: 1 composite video, 1Vpp/75Ω on a BNC connector, 1 YC - 1Vpp/75Ω (Y), 0.3V/75Ω (C) on a 4p connector. 2 stereo audio, 1Vpp/100Ω on RCA connectors.

Y BANDWIDTH (-3DB): 60 MHz.

DIFF. GAIN: 0.7%.

DIFF. PHASE: 0.23 Deg.

CONTROL: Video gain (Fade to + 6dB), contrast, definition, color saturation (- 30dB to + 6dB) black level (- 0.3V to + 0.7V), Limiter switch, screen splitter (process to bypass) audio mix - full crossfade between source and Aux.

VIDEO COUPLING: DC clamped outputs.

POWER SOURCE: 230 VAC, 50/60 Hz, (115VAC, U.S.A.) 11.5 VA.

DIMENSIONS: 30 cm x 16.3 cm x 4.3 cm (11.8" x 6.4" x 1.7", W, D, H).

WEIGHT: 1.9 kg. (4.2 lbs.) approx.

ACCESSORIES: Power cord.

OPTIONS: RK-40, 19" rack adapter.