

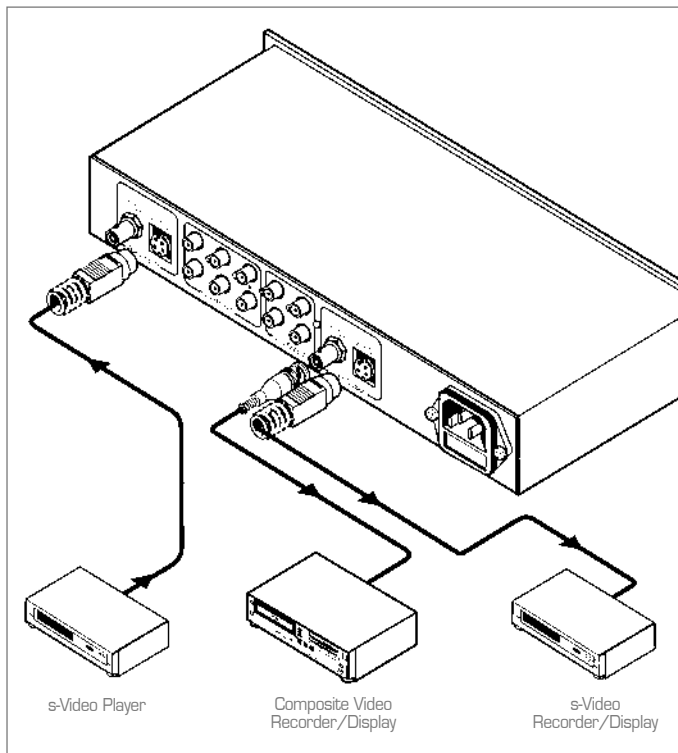
SP-40 Composite Video & s-Video Processor



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.

FEATURES

- **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.



TECHNICAL SPECIFICATIONS

INPUTS:	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, 1 AUX stereo audio input, 1Vpp/50kΩ on RCA connectors.
OUTPUTS:	1 composite video, 1Vpp/75Ω on a BNC connector, 1YC - 1Vpp/75Ω (Y), 0.3V/75Ω (C) on a 4p connector. 2 stereo audio, 1Vpp/100Ω on RCA connectors.
Y BANDWIDTH (-3dB):	60MHz.
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:	230VAC, 50/60Hz, (115VAC, U.S.A.) 11.5VA.
DIMENSIONS:	30cm x 16.3cm x 4.3cm (11.8" x 6.4" x 1.7", W, D, H).
WEIGHT:	1.9kg, (4.2lbs.) approx.
ACCESSORIES:	Power cord.
OPTIONS:	RK-40, 19" rack adapter.

