



**SP-3001**

VIDEO-AUDIO PROCESSORS

**COMPONENT VIDEO PROCESSOR DISTRIBUTION AMPLIFIER**



**DESCRIPTION**

The SP-3001 is a studio quality processor for Y, R-Y, B-Y component video signals. It has one looping input for a component video signal and on each channel provides full control over black level and gain, as well as contrast and definition on the Y channel. The SP-3001 also serves as a distribution amplifier with three sets of component video outputs. The SP-3001 has DC coupled inputs and outputs for outstanding video quality, and a screen split feature which allows the user to view the original and processed signal on one monitor. It is rugged, durable, and is housed in a professional 19" rack mountable enclosure.

**SPECIFICATIONS**

INPUTS:	3 channels for component video, 1Vpp/75Ω (Y), 0.7Vpp/75Ω for each R-Y and B-Y, looping with termination switches, on BNC connector connectors.
OUTPUTS:	3 for each Y, R-Y, B-Y, 1Vpp/75Ω for Y, 0.7Vpp/75Ω for each R-Y and B-Y, on BNC connector connectors.
BANDWIDTH (-3DB):	62MHz.
DIFF. GAIN:	0.04%.
DIFF. PHASE:	0.04°.
K-FACTOR:	0.05%.
S/N RATIO:	75dB.
CONTROL:	Gain, contrast, definition, black level for Y channel, gain and black level for each R-Y and B-Y, screen splitter for all channels (process to bypass).
SIGNAL COUPLING:	Direct (DC).
POWER SOURCE:	230VAC, 50/60 Hz, (115VAC, U.S.A.) 7.6 VA.
DIMENSIONS:	19 inch (W), 7 inch (D), 1U (H) rack mountable.
WEIGHT:	2.9kg (6.4 lbs) approx.
ACCESSORIES:	Power cord.