

SP-3001

| GROUP 3 |

Component Video Processor Distribution Amplifier



The Kramer **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.



TECHNICAL SPECIFICATIONS

INPUTS:	3 channels for component video, 1Vpp/75 Ω (Y), 0.7Vpp/75 Ω 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/75 Ω for Y, 0.7Vpp/75 Ω for each R-Y and B-Y, on BNC connector connectors.
DIFF. GAIN:	0.04%
DIFF. PHASE:	0.04 Deg.
K-FACTOR:	< 0.05%
SIGNAL COUPLING:	Direct (DC).
S/N RATIO:	75 dB.
62 MHz -3dB:	62 MHz - 3dB.
CONTROLS:	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).
DIMENSIONS:	19 inch (W), 7 inch (D), 1 U (H) rack mountable.
POWER SOURCE:	230 VAC, 50/60 Hz, (115VAC, U.S.A.) 7.6 VA.
WEIGHT:	2.9 kg. (6.4 lbs.) approx.
ACCESSORIES:	Power cord.

TYPICAL APPLICATIONS

- Component video control and correction in production studios.
- Component video signal distribution.
- Image enhancement medical, industrial and military applications.

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