

SP-3001

Component Video Processor Distribution Amplifier

GROUP 3

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**

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| 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. |
| BANDWIDTH(-3dB): | 62MHz. |
| DIFF. GAIN: | 0.04%. |
| DIFF. PHASE: | 0.04 Deg. |
| K-FACTOR: | 0.05%. |
| S/N RATIO: | 75 dB. |
| 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: | 230 VAC, 50/60 Hz, (115VAC, U.S.A.) 7.6 VA. |
| DIMENSIONS: | 19 inch (W), 7 inch (D), 1 U (H) rack mountable. |
| 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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