

SC-3300 DIGITAL VIDEO PROCESSOR

Runco's SC-3300 digital video processor offers two scan rate options, 2.5 times the normal NTSC horizontal scan rate (39 kHz or 800 x 600), and 3 times the NTSC rate (48 kHz or 1024 x 768) resolution. Featuring Component, S-Video, and Composite inputs, the SC-3300 is a versatile video processor with two scan rate options that allow optimization of a particular video source. Part of Runco's new digital video processor family, the SC-3300 utilizes pixel by pixel interpolation of the picture, which results in a more three-dimensional noise and artifact free picture than traditional video processing techniques.

Features & Specifications

FEATURES:

- **Switchable Scan Rates:** 2.5X and 3X
- **Advanced Motion Compensation:** Complex digital filtering techniques are utilized to separate pixels in motion from those that are stationary to apply the proper processing algorithm to remove the interlace "gear tooth" errors.
- **Picture Adjustment Controls:** Contrast, brightness, color and hue.
- **Component Input**
- **Superb Intelligent Scaling:** Pixel Perfect Blending is a result of intelligent scaling. Resolution is maintained in all planes: horizontal, vertical, diagonal, and temporal by utilizing multiple, digitally precise mathematical factors selected to optimize the output rate.

SPECIFICATIONS:

Input Signal:	(Type M scanning frequencies) 525 line, 2:1 Interlace, S-Video, Component, and Composite	Power Consumption:	25 W
Output Signal (2.5X):	656 line progressive scan/1312 lines per NTSC frame. Corresponds to 800 x 600 progressive scan.	Dimensions:	Width: 17 $\frac{1}{2}$ in. Depth: 8 $\frac{5}{8}$ in. Height: 3 $\frac{1}{2}$ in.
Output Signal (3X):	788 line progressive scan/1576 lines per NTSC input frame corresponds to 1024 x 768 progressive scan	Weight:	10 lbs./4.5 kg
RGB Output via BNC Connectors:	Non-composite, positive video 714 mV _{p-p} @ 75 Ω	Control Options:	Front panel controls and contact closures
Vertical Sync via BNC Connector:	60 Hz, negative, 4 V _{p-p} @ 75 Ω	Optional Accessories:	Rack mount ears
Horizontal Sync via BNC Connector:	39 and 48 kHz, 4 V _{p-p} @ 75 Ω	Environment:	32–104° F
Composite Sync via BNC Connector (jumper selectable):	39 and 48 kHz, 59.94 Hz, 4 V _{p-p} @ 75 Ω	Humidity:	0–90% non-condensing
Power Input:	120 VAC, 60 Hz	Storage:	10–122° F
		EXPORT MODEL:	
		TV Standards:	NTSC, SECAM, or PAL
		Power Input:	240 VAC, 50/60 Hz
		Power Consumption:	25 W
		Dimensions:	Width: 445 mm Depth: 219 mm Height: 89 mm

Call factory for more specific information on export specifications.

Specifications are subject to change without notice.



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