

S3-4K Jr

Compact and cost-effective Event Master processor



- **Easy and reliable show setup and production**

- **Market-valued 4K performance**

- **Future-proof upgradability to the full S3-4K system**

Powerful features, easy operation

- Modular card-based design
- Easy set-up with the cross-platform Event Master Toolset, providing a step-by-step approach to system configuration
- Serviceable in the field and ready for future signal interfaces via the modular Event Master cards
- Dual, redundant power supplies for maximum peace of mind (optional)
- Widescreen blending support

Product specifications**S3-4K JR**

General specifications	
Model	NGS-3U
Live effects canvas	10 Megapixels PVW/PGM 20 Megapixels PGM only
Video inputs	8 HD inputs via 2 input cards (Event Master series cards) <ul style="list-style-type: none">■ Up to 2x 4K inputs - each input card supports up to 4K@60p■ 4x SD/HD/3G SDI■ 2x HDMI 1.4a (297 MHz)■ 2x DisplayPort 1.1 (300 MHz)
Video outputs	8 HD outputs via 2 output cards (Event Master Series Cards) <ul style="list-style-type: none">■ Up to 1x 4K outputs - each output card supports up to 4K@60 p■ 4x HDMI 1.4a (297 MHz)■ 2x HDMI 1.4a for Multiviewer (297 MHz max) or 4x HDMI 1.4a when used as standard output card
Genlock	Analog reference input/loop on BNC connectors; bi-level and blackburst at SD and tri-level at HD S3D Sync: 4x input Din connector, 2x output Din connector
Program output	4 program outputs configurable as single screens or tiled/blended widescreens Configurable from 4x 2048x1200@60 max to 1x 4096x2400@60 max Independent edge blending/feathering control for all four sides
Scaled Aux outputs	User-definable from 4x 2048x1200@60 to 1x 4K@60 All outputs can be defined as Aux destinations for a total of 8 Aux outputs Output color correction
Mixers	<ul style="list-style-type: none">■ Native resolution background mixer per output screen■ Independent layer transitions or full Preview/Program transition■ Flexible layer allocation – 2 mixable or 4 single scalable PIP/key layers assignable to any Program output screen
Still stores	Up to 100 HD or 25 UHD, depending on the import file size.
Layer effects	<ul style="list-style-type: none">■ Borders (hard, soft, halo) and drop shadows■ Color effects■ Strobe, H&V flip■ Luma, chroma and Cut/Fill keys (not all modes support keying)■ PIP moves via Keyframes
Multiviewer	<ul style="list-style-type: none">■ Flexible user-definable layouts■ Monitor all Inputs and Outputs, including Preview and Aux■ Two outputs■ Dedicated hardware same as E2 Event Master Processor
Expandability	Linking is available as an upgrade option
HDCP	HDCP compliance determined by installed cards
Control	<ul style="list-style-type: none">■ Event Master screen management software for PC or Mac■ Event Master Controllers■ WebUI■ Ethernet RJ-45, 1000/100/10 Mbps autosense

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Serviceability	<ul style="list-style-type: none">■ Field-serviceable I/O and processing cards (not hot-swappable)■ Hot-swappable dual-redundant power supplies
Noise Level	Max 51.3 dB avg. Fans at 100%. Fan speed is software-managed based on operating temperature. Reference ISO 7779
Dimensions	<ul style="list-style-type: none">■ Height: 13.26 cm / 5.22" 3 RU rack mount units■ Width: 43.2 cm / 17" without chassis handles, 48.3 cm / 19" with chassis handles attached■ Depth: 54 cm / 21.33" overall
Weight	21.3 kg / 47 lbs
Power	Input power: 100-240 VAC 50/60Hz 700W Ships with single power supply. Optional Dual-redundant, hot-swappable power supplies available as upgrade.
Environmental temperature	0-40° C / 32-104 F
Environmental humidity	0-95% non-condensing (non-operating) 0-85% non-condensing (operational)
Warranty	3 years parts and labor

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