

S3 Tri-combo

Compact, expandable 4K60p Event Master processor



Featuring 14 inputs, 14 outputs, the S3 Tri-combo adds more capacity with Tri-combo input and output cards supporting up to 4K60p on a single cable. Under the hood it boasts the same processing performance, image quality, flexibility and durability as the S3-4K, the only difference being more Input and output capacity. In short: all the tools you need to create a stunning live experience, in a single compact and roadworthy housing.

Powerful features, easy operation

- Pre-loaded with three I/O cards
- Interlinking of S3-4K chassis allows expansion of inputs, outputs or layers
- Easy step-by-step set-up with the cross-platform Event Master Toolset
- Serviceable in the field and ready for future signal interfaces
- Dual, redundant power supplies for maximum peace of mind
- Widescreen blending support

Product specificaties

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General specifications

Model	NGS-3U
Live-effectencanvas	Up to 20 megapixels in PVW/PGM or 40 megapixels in PGM only mode
Video-ingangen	14 HD inputs via 3 input cards (HDMI/DP combo 4 inputs, Tri-combo 6 inputs per card) - Up to 4x 4K inputs - (HDMI/DP combo 1x 4K@60p, Tri-Combo 2x 4K@60p per card) 4x SD/HD/3G/6G/12G SDI connectors (Tri-Combo card) 4x HDMI 1.4a (297 MHz max) 1x HDMI 2.0 (Tri-Combo card) 1x DisplayPort 1.2 (Tri-Combo card) 4x DisplayPort 1.1 (300 MHz max)
Video-uitgangen	14 HD outputs via 3 output cards - Up to 4x 4K outputs - HDMI output card supports 1x 4K60p, Tri-combo supports 2x 4K60p or 6x HD - TriCombo output card supports 4x SD/HD/3G/6G/12G, 1x HDMI 2.0, and 1x DisplayPort 1.2 connectors 4x HDMI 1.4a (297 MHz max) 2x HDMI 1.4a for Multiviewer (297 MHz max) 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 HDwbr /> S3D Sync. 4x input Din connector, 2x output Din connector
Programma-uitvoer	Up to 14 program configurable as single screens or tiled/blended widescreens (preview and Multi-Viewer not available in all configurations) Configurable for up to 14x 2048x1200@60 or up to 4x 4096x2400@60 Independent edge blending/feathering control for all four sides
Aux-uitgangen met schaalverdeling	User definable for up to 14x 2048x1200@60 to 4x 4K@60 All outputs can be defined as Aux destinations for a total of 12 Aux outputs
Mixers	Output color correction - Native resolution background mixer per output screen - Independent layer transitions or full Preview/Program transition - Flexible layer allocation – 4 mixable or 8 single scalable PIP/key layers assignable to any Program output screens
Geheugenruimte voor foto's	Up to 100 HD or 25 UHD, depending on the import file size.
Laageffecten	- 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	- Flexible user-definable layouts - Monitor all Inputs and Outputs, including Preview and Aux - Two outputs - Dedicated hardware same as E2 Event Master Processor
Uitbreidbaarheid	Easily expandable for larger display applications via proprietary links Link units to increase available Inputs and Outputs for larger tiled/blended widescreen applications Expansion via simple linking to: 1x E2 or 4x EX chassis, or up to 7 more S3-4K chassis S3-4K ships with the ability to link 8 chassis for expansion
HDCP	HDCP compliance determined by installed cards.
Controle	- Event Master screen management software for PC or MAC - Event Master Controllers - WebUI - Ethernet RJ-45, 1000/100/10 Mbps autosense
Onderhoudsgemak	- Field-Serviceable I/O and processing cards (not hot-swappable) - Hot swappable dual-redundant power supplies
Geluidsniveau	Max 51.3 dB avg. Fans at 100%. Fan speed is software managed based on operating temperature. Reference ISO 7779
Afmetingen	- Height: 13.26 cm / 5.22" - 3 RU rack mount - Width: 43.2 cm / 17" without chassis handles, 48.3 cm / 19" with chassis handles attached - Depth: 54 cm / 21.33" overall
Gewicht	24 kg / 53 lbs
Vermogen	Input power: 100-240 VAC 50/60Hz 826 Watt Dual-redundant, hot-swappable power supplies
Omgevingstemperatuur	0-40° C (32-104° F)
Omgevingsvochtigheid	0-95% non-condensing (non-operating) 0-85% non-condensing (operational)
Garantie	3 years parts and labor

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