

E2 Tri-combo

Full sized 4K60p Event Master processor



- Full show control with pre-configured cards
- Native 4K60p input and output on a single cable
- Intuitive user interface

The Tri-combo configuration of the E2 features four Tri-combo input cards, and one Tri-combo output card. These new cards support 4K 60p on a single cable. With software version 6.0 and greater, the input cards support 2x 4K60p on a single cable or 6x HD inputs (when installed in dual capacity input slots). The Tri-combo output card supports 2x 4K 60p or 6x HD. This boosts the Tri-combo E2 configuration to an impressive 40 HD inputs or 12 4K60p inputs and up to 5 4K60p or 18 HD outputs. This new E2 has extra capacity and flexibility to support your growing shows.

TECHNISCHE SPECIFICATIES**E2 TRI-COMBO**

Model	NGS-4U
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Live effects canvas	Up to 20 Megapixels PWW/PGM 40 Megapixels PGM only 80 Megapixels @30p and PGM only
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Video inputs	<ul style="list-style-type: none">■ 40 inputs via 8 input cards (HDMI/DP combo 4 inputs, Tri-combo 6 inputs per card)■ Up to 12x 4K inputs -(HDMI/DP combo 1x 4K@60p, Tri-Combo 2x 4K@60p per card)■ 16x SDI SD/HD/3G/6G/12G connectors■ 8 x HDMI 1.4a (297 MPix/sec max)■ 4 x HDMI 2.0 (594 MPix/sec max)■ 8 x DisplayPort 1.1 (300 MPix/sec max)■ 4 x DisplayPort 1.2 (600 MPix/sec max)
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Video outputs	<ul style="list-style-type: none">■ 18 HD outputs via 4 output cards (Event Master series cards)■ Up to 5x 4K outputs■ HDMI output card supports 1 4K60p or 4 HD. Tri-combo supports 2 4K60p or 6 HD■ TriCombo output card supports 4 x SD/HD/3G/6G/12G 1x HDMI 2.0, and 1x DisplayPort 1.2 connectors■ 8x HDMI 1.4a (297 Mpix/sec max)■ 3x HDMI 1.4a output cards support 4 HDMI connectors each. The top two connectors of the card support up to 297 MPix/sec (2560x1600 typical). The bottom two connectors support 165 MPix/sec (1920x1200 typical).■ The right most HDMI card (slot 14) may also be used as a two output Multi-viewer.
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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
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Program output	<ul style="list-style-type: none">■ Up to 18 program outputs configurable as single screens or tiled/blended widescreens (preview and Multi-Viewer not available in all configurations)■ Up to 16x 2048x1200@60p or 4x 3840x2400@60p■ Independent edge blending/feathering control for all four sides■ Tri-combo supports 90degree output rotation
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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 – up to 16 mixable or 32 single scalable PIP/key layers assignable to Program output screens
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Still stores	Up to 100 HD or 25 UHD, depending on the import file size
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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
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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
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TECHNISCHE SPECIFICATIES**E2 TRI-COMBO**

Expandability	<ul style="list-style-type: none">■ 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<ul style="list-style-type: none">● Up to 8 E2 chassis can be linked● 2 linking cables are included with each E2 chassis
HDCP	HDCP compliance determined by installed cards.
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 52.9 dB avg. Fans at 100%. Fan speed is software-managed based on operating temperature. Reference ISO 7779
Dimensions	Height: 17.8 cm (7.0 in) -4 RU Rack mount Width: 43.2 cm (17.0 in) -without chassis handles, 48.3 cm (19 in) with chassis handles attached Depth: 56.9 cm (22.4 in) from front panel to rear panel, 62.2 cm (24.5 in) overall
Weight	31 kg (68 lbs)
Power	<ul style="list-style-type: none">■ Input power: 100-240 VAC 50/60Hz 826 Watt■ Dual-redundant, hot-swappable power supplies
Warranty	3 years parts and labor
Environmental temperature	0-40° C (32-104° F)
Environmental humidity	0-95% Non-condensing

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Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.