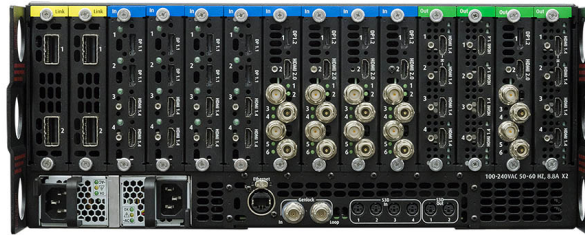


E2 Tri-Combo

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.

PRODUCT SPECIFICATIONS

E2 TRI-COMBO

Live effects canvas	Up to 20 Megapixels PVW/PGM 40 Megapixels PGM only 80 Megapixels @30p and PGM only
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 connectors8 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)
Video outputs	<ul style="list-style-type: none">18 HD outputs via 4 output cards (Event Master series cards)Up to 5x 4K outputsHDMI output card supports 1 4K60p or 4 HD. Tri-combo supports 2 4K60p or 6 HDTriCombo output card supports 4 x SD/HD/3G/6G/12G 1x HDMI 2.0, and 1x DisplayPort 1.2 connectors8x 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.
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	<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@60pIndependent edge blending/feathering control for all four sidesTri-combo supports 90degree output rotation
Mixers	<ul style="list-style-type: none">Native resolution background mixer per output screenIndependent layer transitions or full Preview/Program transitionFlexible layer allocation – up to 16 mixable or 32 single scalable PIP/key layers assignable to Program output screens
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 shadowsColor effectsStrobe, H&V flipLuma, chroma and Cut/Fill keys (not all modes support keying)PIP moves via Keyframes
Multiviewer	<ul style="list-style-type: none">Flexible user-definable layoutsMonitor all Inputs and Outputs, including Preview and AuxTwo outputsDedicated hardware same as E2 Event Master Processor
Expandability	<ul style="list-style-type: none">Easily expandable for larger display applications via proprietary linksLink units to increase available Inputs and Outputs for larger tiled/blended widescreen applicationsExpansion via simple linking<ul style="list-style-type: none">Up to 8 E2 chassis can be linked2 linking cables are included with each E2 chassis
HDCP	HDCP compliancne 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

PRODUCT SPECIFICATIONS**E2 TRI-COMBO**

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

Last updated: 19 Sep 2018

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