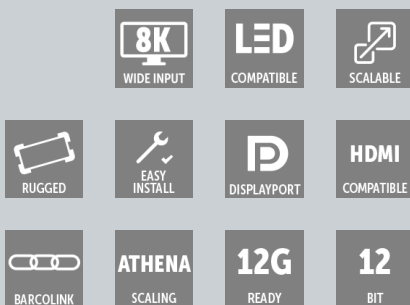


# Ex Tri-combo

The Event Master Ex Tri-combo processor expands the scaling and switching power of your Event Master system.



- **Extra scaling/switching power when you need it**
- **Out-of-the-box usability**
- **Simplified set-up and cabling**

## Ex expansion unit

When you need out-of-the-box usability, use the Ex Event Master expansion unit pre-configured with a Tri-combo input card and output card. The Ex extends I/Os for applications up to 100 meters away. By linking it with other Event Master processors (E2 or S3-4K), you add extra inputs, outputs and/or layers. For standalone applications, Ex processors can be linked to each other without another Event Master processor.

## Flexible and simple

Because the Ex shares its modular cards and software with the other Event Master products, you can flexibly configure your systems and service your units in the field. This also makes your cabling and systems simpler – replacing up to 16 traditional fiber extenders between remote devices and Event Master boxes.

To bring you the highest flexibility of input and output options, use either the Tri-combo version or purchase the exact mix of cards you require.

## Expand your inputs and outputs

Two Ex processors, with a total of two input cards and two output cards, can be connected to each E2/S3-4K link connection. This enables 8 inputs and 8 outputs of HD or 2x 4K input and output per link connection. For the E2, this means up to 32 additional HD inputs and outputs; and for the S3-4K, this adds up to 16 HD inputs and outputs – all without adding a full-sized processing chassis or routers.

## PRODUCT SPECIFICATIONS

## EX TRI-COMBO

Live effects canvas	When linked to an E2 or S3 and VPU cards are installed, supports up to 20 Megapixels PVW/PGM. Or 40 megapixels PGM only in addition to master processor
Video inputs	Comes loaded from the factory with a Tri-Combo input card. Supports <ul style="list-style-type: none"> <li>1x HDMI 2.0 4K60p 4:4:4 8bit, 4:2:2 10 bit,</li> <li>1x DisplayPort 1.2 4K@60p 4:4:4 10bit,</li> <li>and 2x 12G SDI 4K@60p 4:2:2 10bit</li> </ul>
Video outputs	Comes loaded from the factory with a Tri-combo output Card. Supports <ul style="list-style-type: none"> <li>1x HDMI 2.0 4K60p 4:4:4 8bit, 4:2:2 10 bit,</li> <li>1x DisplayPort 1.2 4K@60p 4:4:4 10bit,</li> <li>and 2x 12G SDI 4K@60p 4:2:2 10bit or 4x 3G SDI 1200P@60 4:2:2 10 bit</li> </ul>
Genlock	Analog reference input on BNC connector. Blackburst and Bi-level at SD, and Tri-level at HD Reference output is provided by an internal sync generator capable of Bi-level and Tri-level sync signals
Program output	Up to 8 program outputs for destinations created in a linked E2 or S3-4K processor.
Scaled Aux outputs	User definable up to 8x 2048x1200@60 or 2x 4K@60 Output color correction
Mixers	When linked to an E2 or S3 and VPU cards are installed, supports up to 4x HD mixers, 8x HD pips, 1x 4K mixer, or 2x 4K pips
Still stores	Up to 100 HD or 25 UHD, depending on the size of the import file.
Layer effects	Determined by Master processor
Multiviewer	N/A
Expandability	Easily expandable for larger display applications via proprietary links <ul style="list-style-type: none"> <li>Link units to increase available Inputs and Outputs for larger tiled/blended widescreen applications</li> <li>Two Ex chassis can be linked for standalone operation</li> <li>S3-4K supports up to 4 EX chassis linked (16 input and 16 output of HD video)</li> <li>E2 supports up to 8 EX chassis linked. (32 input and 32 output of HD video)</li> </ul>
HDCP	HDCP compliance determined by installed cards.
Control	<ul style="list-style-type: none"> <li>Event Master screen management software for PC or MAC</li> <li>Event Master Controllers</li> <li>WebUI</li> <li>Ethernet RJ-45, 1000/100/10 Mbps autosense</li> </ul>
Serviceability	Field-Serviceable I/O and processing cards (not hot-swappable)
Noise Level	37 dBA Nominal / 45 dBA Max Fan speed is software-managed based on operating temperature. Reference ISO 7779
Dimensions	<ul style="list-style-type: none"> <li>Height: 4.37 cm / 1.72" 1 RU Rack mount</li> <li>Width: 48.41 cm / 19.06" incl. Rack mount</li> <li>Depth: 40.41 cm / 15.91"</li> </ul>
Weight	6.44 kg / 14.2 lbs
Power	Input power: 100-240 VAC 50/60Hz 125w
Environmental temperature	0-40° C (32-104° F)
Environmental humidity	0-95% Non-Condensing
Warranty	3 years parts and labor

Last updated: 25 Jun 2020

Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.