

Expansion chassis to add four additional PROGRAM or AUX outputs to an Ascender



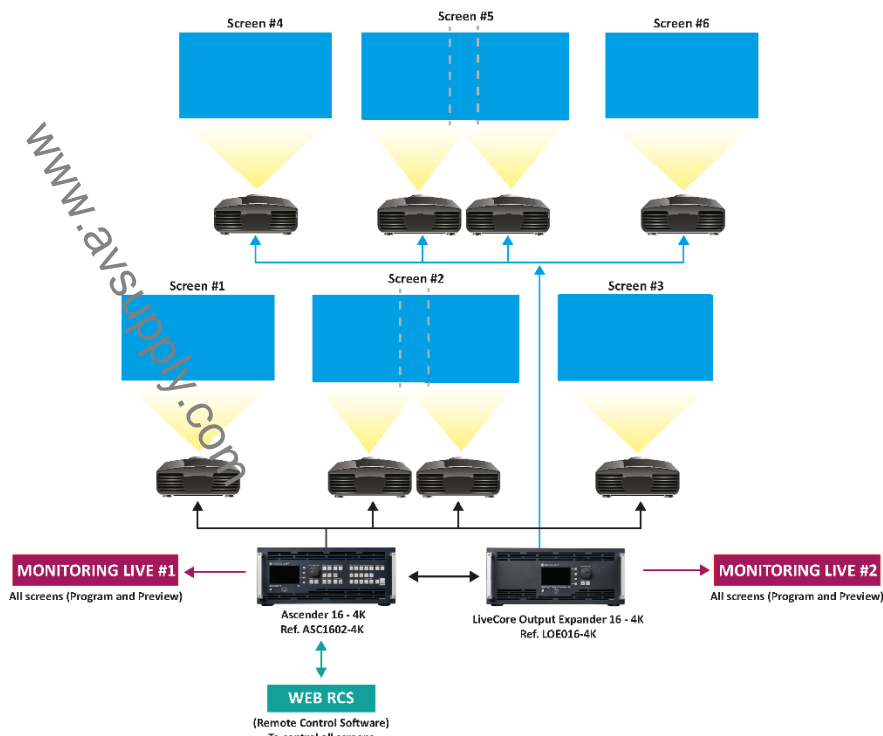
Presentation

The **LiveCore™** family of products and accessories gives you all the tools and flexibility you need to fit your project requirements.

The **LOE** (or **LiveCore Output Expander**) is an expansion chassis that allows you to expand your outputs when used in conjunction with an Ascender and without the need to duplicate or “DA” sources to multiple chassis.

LOE will use the included link cables to give you an extra 4 outputs and additional operator monitor resulting into a 12 input, 8 output + 2 dedicated monitor output system. The advanced **Web RCS** software will control the expanded system as a single assembly!

Example of multi-screen configuration



4
add.
outputs

4U
size

Up to
4K
60Hz

Cut & Fill

Rotation

LOE016 - 4K at a glance

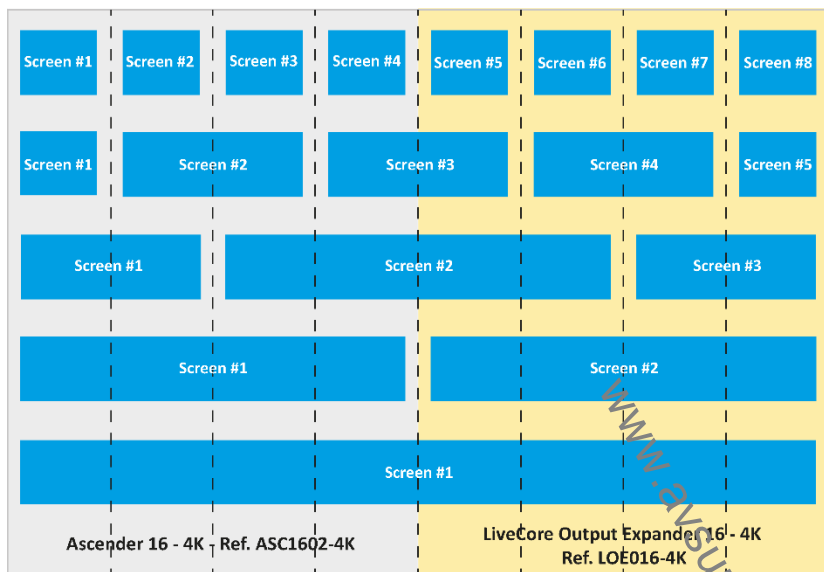
- ▶ Expansion chassis to add extra outputs and source monitor to the Ascender
- ▶ Heavy-duty design for optimized uptimes in mission-critical use
- ▶ Web RCS will manage a linked system as one large system
- ▶ High-end real-time 10 bit 4:4:4 processing
- ▶ Fiber optic outputs
- ▶ Compatible with any Ascender in the LiveCore™ series

	LOE016-4K	LOE032-4K-PL	LOE048-4K-PL
Layers per output	2	4	6
Perspective Layers	-	✓	✓

KEY FEATURES

- Expansion Chassis for LiveCore™
- Add 4 x PROGRAM or AUX outputs and 1 monitor output to your Ascender
- Compatible with Ascender 16 - 4K, Ascender 32 - 4K - PL and Ascender 48 - 4K - PL
- Ruggedized and heavy-duty design
- Output formats up to 4K 30Hz 4:4:4, 4K 60Hz 4:2:0 and Quad HD 60Hz 4:4:4
- Available in LOE16, 32 and 48 (2, 4 or 6 layers per screen)
- Supports all the features of LiveCore™

Display configurations with 8 outputs



OUTPUTS

- 4 additional outputs with 5 plugs per output
- 8 x Universal Analog (4 x HD15 & 4 x DVI-A)
- 4 x 3G/HD/SD-SDI
- 2 x DVI-I Dual-Link up to 2560x1600 (output #1 and #3)
- 2 x DVI/HDMI 4K up to 4k30hz 4:4:4 or up to 4k60hz 4:2:0 (output #2 and #4)
- 4 x SFP (Optical for SDI Fiber transmission)

MONITORING OUTPUT

- 2 x Universal Analog (HD15 & DVI-A)
- 1 x DVI-I
- 2 x 3G/HD/SD-SDI
- 1 x RGBs/RGsB/RGB/YPrBr/YC/comp analog output
- Customizable labels
- Up to 12 widgets

LAYERS

- 2 True-Seamless scaled layers per output
- 1 native background layer per output
- Advance layer management

TRANSITIONS & EFFECTS

- True A/B Mix
- Borders: Edge, Smooth, Smooth Edge, Shadow...
- Transitions: Cut, Fade, Slide, Wipe, Circle, Stretch, Depth, Flying window
- Layer effects: Background Cut, Transparency, Luma/Chroma Key, DSK, H&V Flip, Cut and Fill
- Colors effects: B&W, Negative, Sepia and Solarize

CONTROL

- Web RCS: On-board intuitive web based user interface
- Vertige™: Premium remote controller
- RCU: Rack mountable master control unit
- Shot Box²/Control Box²: Cost effective presets control solutions
- TCP protocol and AMX/Crestron drivers

OTHER FEATURES

- Tally/GPI-O
- Independent Frame Lock input and output loop

Dimension (in Rack Units - RU) ▶ 4RU Dimensions (without rack ears and rear rack mount) ▶ W 17.32" x H 6.96" x D 20.47" ▶ L 440 mm x H 177 mm x P 520 mm Dimensions (with handles) ▶ W 19" x H 6.96" x D 21.41" ▶ L 482.6 mm x H 177 mm x P 544 mm Weight without accessories ▶ 17.4 kg / 38.36 lbs Shipping weight accessories included ▶ 23.2 kg / 51.14 lbs Operating conditions ▶ Temperature: 0 to 40°C (32 to 104°F) ▶ Humidity: 10% to 80%, non-condensing	Warranty 3-year warranty on parts and labor back to factory Power Supply ▶ 100-240 VAC 50/60Hz 8A swappable Safety Compliance ▶ IEC/UL/EN 60950-1, CSA22.2#60950-1, UL Listed (US & Canada) File:E359143 Supplied with ▶ 1 x Power supply cord ▶ 1 x OPT-KIT3XLINK ▶ 1 x Rack mount kit (front ears and rear support) ▶ 1 x 1,8m long RJ45 cable ▶ 1 x MCO 10 pin connector ▶ 1 x Quick start guide including safety instructions*
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Specifications subject to change without prior notice

Additive modularity

