

# NeXtage 16 - 4K

Ref. NXT1604-4K



**ANALOG WAY**  
Pioneer in Analog, Leader in Digital

Compact and cost-effective 4K seamless switcher. Perfect for live events and fixed installations demanding ease of use, flexibility and high-end video processing.



## Compact and Reliable

**NeXtage** is the most compact and affordable chassis in the **LiveCore™** family. Designed around an extremely robust and reliable hardware platform, and with the same performance and core features as its larger siblings, the **NeXtage 16 - 4K** is ideal for professional live presentations and integrations that do not require the full capacity of the more powerful **LiveCore™** video processors.

## Nimble and Powerful

Like all the products of the **LiveCore™** series, the **NeXtage 16 - 4K** offers flexibility through its support of different video standards (custom formats included) and its versatile connectivity. Featuring eight inputs, two PGM outputs, a dedicated Multiviewer output and two true-seamless scaled layers per output (on top of the live native background), the **NeXtage 16 - 4K** will adapt to a large variety of display configurations such as soft-edge projection, LED image wall or multi-screen applications.

## Simple and Creative

The **NeXtage 16 - 4K** offers many advanced processing features that will allow you to create amazing live shows and impressive fixed installation: Cut and fill, alpha-channel support, Chroma and Luma key, true seamless switching on all layers as well as an intuitive web based user interface which will help unleash all your creative potential and get the best out of your **LiveCore™** video processors.



Up to  
**8**  
inputs

Up to  
**2**  
outputs

**3U**  
size

Up to  
**4K**  
30Hz

  
Cut & Fill

  
Rotation

### NeXtage 16 - 4K at a glance

- ▶ Versatile connectivity (8 seamless inputs and 42 input plugs)
- ▶ State-of-the-art, real-time 10 bit 4:4:4 processing
- ▶ True-seamless switching technology
- ▶ Advanced video effects for impressive visual shows
- ▶ User-friendly and intuitive Web-based graphic user interface
- ▶ Heavy-duty design for optimized uptimes in mission-critical use

	NeXtage 08 - 4K	NeXtage 16 - 4K
Layers per output	2	4

## KEY FEATURES

- LiveCore™ platform
- Ruggedized and heavy-duty design
- Versatile connectivity (8 active inputs, 28 total input plugs)
- Input formats up to Dual Link 60hz 4:4:4 or 4k30hz 4:4:4 - supports Quad HD sources
- Output formats up to 4K 30Hz 4:4:4
- Seamless crossfade on all layers, on all 8 sources
- Rotation capability on all outputs
- Independent output rate
- Flying layer movement with programmable paths
- Multiple layer transition options
- Independent preview/mosaic/monitoring output
- Customization of monitoring layouts (8 presets)
- Intuitive drag and drop Web based GUI, cross platform compatible
- Live video thumbnails shown on GUI
- Collaborative architecture (up to 5 simultaneous operators)
- Single screen memories and master memories to easily recall looks on all your screens
- Creative display configurations (mixer, hard-edge, soft-edge)
- Custom output formats for non-standard display applications (10 memories)
- Custom Canvas mode allows you to place outputs anyway on your "video canvas" for special LED wall applications
- Area of Interest option to customize active areas of outputs
- Confidence monitor available for unused outputs
- Native background using still images or live sources
- Still images support alpha-channels for transparent background
- Cut and Fill (using two sources or a source and a still image)
- 49dB average noise at 1 meter when ambient temp is less than 32°C/90°F (quiet)
- Associative modularity (create a large system of LiveCore™ units all controlled from a Vertige™ or RCU)
- Sequencer for creating programmable timelines
- Remote services and maintenance
- HDCP compliant
- Swappable power supply

<b>Dimension (in Rack Units - RU)</b> <ul style="list-style-type: none"><li>▶ 3RU</li></ul>	<b>Thermal dissipation</b> <ul style="list-style-type: none"><li>▶ 785 BTU/hr</li></ul>
<b>Dimensions (without rack ears and rear rack mount)</b> <ul style="list-style-type: none"><li>▶ W 17.32" x H 5.23" x D 20.47"</li><li>▶ L 440 mm x H 133 mm x P 520 mm</li></ul>	<b>Warranty</b> <ul style="list-style-type: none"><li>▶ 3-year warranty on parts and labor back to factory</li></ul>
<b>Dimensions (with handles)</b> <ul style="list-style-type: none"><li>▶ W 19" x H 5.23" x D 21.41"</li><li>▶ L 482.6 mm x H 133 mm x P 544 mm</li></ul>	<b>Power Supply</b> <ul style="list-style-type: none"><li>▶ 100-240 VAC 50/60Hz 8A swappable</li><li>▶ Max consumption: 230 W</li></ul>
<b>Weight without accessories</b> <ul style="list-style-type: none"><li>▶ 15.2 kg / 33.50 lbs</li></ul>	<b>Safety Compliance</b> <ul style="list-style-type: none"><li>▶ IEC/UL/EN 60950-1, CSA22.2#60950-1, UL Listed (US &amp; Canada) File:E359143</li></ul>
<b>Shipping weight accessories included</b> <ul style="list-style-type: none"><li>▶ 21.3 kg / 46.96 lbs</li></ul>	<b>Supplied with</b> <ul style="list-style-type: none"><li>▶ 1 x Power supply cord</li><li>▶ 1 x Web-based Remote Control Software</li><li>▶ 1 x Rackmount kit</li><li>▶ 1 x Ethernet cross cable (for device control)</li><li>▶ 1 x MCO 10 pin connector</li><li>▶ 1 x User manual (PDF)*</li><li>▶ 1 x Quick start guide including safety instructions*</li></ul>
<b>Operating conditions</b> <ul style="list-style-type: none"><li>▶ Temperature: 0 to 40°C (32 to 104°F)</li><li>▶ Humidity: 10% to 80%, non-condensing</li></ul>	
<b>Noise (@1,6m height @25°C)</b> <ul style="list-style-type: none"><li>▶ Front: 49 DBa@1m</li><li>▶ Rear: 50 DBa@1m</li></ul>	

 Specifications subject to change without prior notice

## INPUTS

- 8 active inputs, 28 total input plugs
- 4x HDMI (2x HDMI up to 4k30hz included)
- 2x DisplayPort (up to 4k30hz)
- 6x DVI-I (2x DVI Dual-Link up to 2560x1600 included)
- 8x 3G/HD/SD-SDI
- 8x Universal Analog (6x HD15 & 6x DVI-A)

## OUTPUTS

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

## MONITORING OUTPUT

- 1x Universal Analog (HD15 & DVI-A)
- 1x DVI-I
- 2x 3G/HD/SD-SDI
- 1x RGBs/RGsb/RGB/YPrBr/YC/comp analog output
- Customizable labels
- Up to 8 widgets

## LAYERS

- 4 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

## FRAMES & LOGOS

- Up to 100 frame/logo memories - Fully resizable
- Download/upload via Web RCS
- Capture from live inputs

## CONTROL

- Web RCS: On-board intuitive web based user interface
- Vertige™: Premium remote controller
- Shot Box<sup>2</sup>/Control Box<sup>2</sup>: Cost effective presets control solutions
- TCP protocol and AMX/Crestron drivers
- AW VideoComposer: Drag & drop Crestron® GUI

## OTHER FEATURES

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

## EXPANDABILITY

- Several chassis can be controlled from a Vertige™ or from RCU to create huge video canvases

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