

4K Option for Ascender 48

Ref. OPT-4K-ASC4806-PL

New option to upgrade your powerful multi-screen Seamless Switcher based on **Analog Way's LiveCore™** platform. Enter the world of ultra high 4K resolution.

New Front Panel labels

New output system

New input system



- HDMI plugs on input 1,5 and 9 now belong to inputs 2, 6 and 10 and become 4K compatible
- DVI plugs on outputs 2 and 4 now become HDMI 4K compatible

INPUTS



OUTPUTS



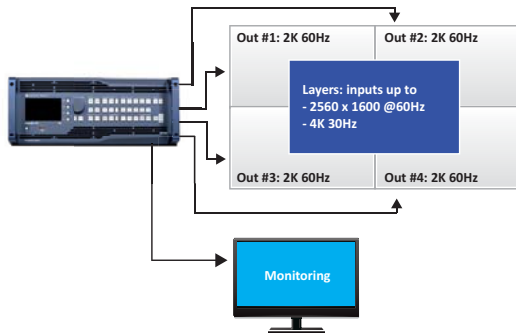
4K option at a glance

- ▶ New input boards
- ▶ New output boards
- ▶ New processing boards (see Perspective Layers flyers for further details)
- ▶ Up to 3 x 4K 30Hz input plugs
- ▶ Versatile configuration of 4K output plugs
- ▶ Resolution up to 4096 x 2160 at 60Hz

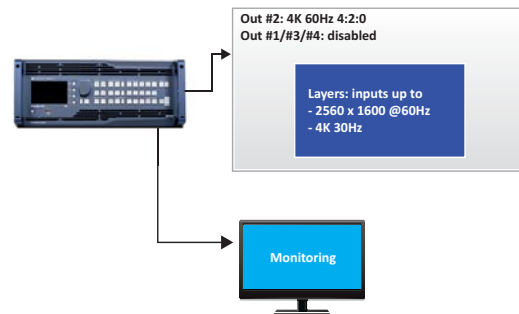


4K output configurations:

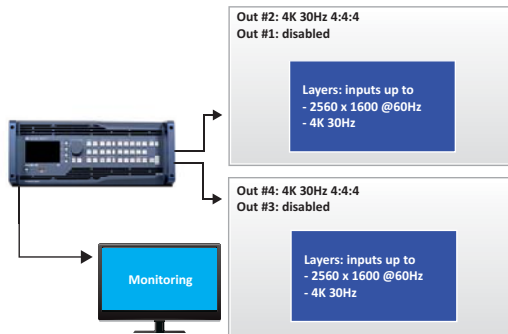
One 4K 60Hz 4:4:4 display using four 2K outputs*



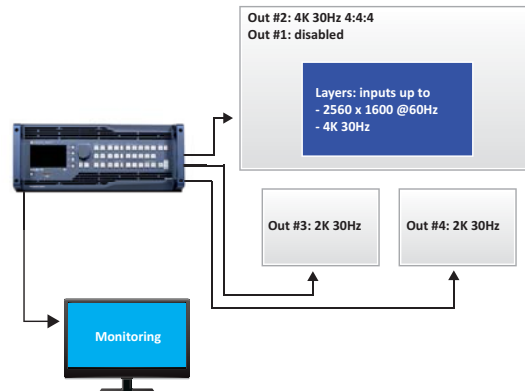
One HDMI 4K 60Hz 4:2:0 output (on DVI connector)*



Two HDMI 4K 30Hz 4:4:4 outputs



One HDMI 4K 30Hz 4:4:4 output and two 2K outputs



*Available Q1 2015 through firmware update

Input configurations:

- Up to three HDMI 4K 30Hz 4:4:4
 - Up to three 4K 60Hz 4:4:4 inputs using four 2K inputs for Native Background
- Please note that when enabling an HDMI 4K input, the adjacent input is disabled.

Layers:

A layer containing a 4K 30Hz 4:4:4 input uses twice the number of scalers used by a layer containing a 1080p/2K source. For example, if the layer A contains a 4K source the layer B is disabled.

Therefore the **Ascender 48** supports the following layer configurations:

	4K Native Background	Layers with 4K content	Layers with 2K content
Layer Config. 1	1	0	6
Layer Config. 2	1	1	4
Layer Config. 3	1	2	2
Layer Config. 4	1	3	0

Option installing:

This option must be installed by **Analog Way** in one of our world wide technical support facilities.

Warranty:

3-year warranty on parts and labor back to factory.

For a better understanding of the UHD technology and the capabilities of the **LiveCore™** series, please the dedicated white paper available on www.analogway.com

Please note that the 4K option for **Ascender 48** also contains the new Perspective Layers feature.

For further details about Perspective Layers, please read the dedicated flyer available on www.analogway.com



* All User Manuals and Quick Start Guides are also available on www.analogway.com

i Specifications subject to change without prior notice

All technical specifications are available on our website

NEW

Perspective Layers Option - Ascender 48

Ref. ASC4806-4K-PL

New option to upgrade your powerful multi-screen Seamless Switcher based on **Analog Way's LiveCore™** platform. More than adding 4K capabilities, this option helps you create a virtual viewing perspective to handle your layers in real time as you've never done before.

New front panel labels

New processing system

New input system

New output system



- HDMI plugs on input 1,5 and 9 now belong to inputs 2, 6 and 10 and become 4K compatible
- DVI plugs on outputs 2 and 4 now become HDMI 4K compatible
- A powerful new processing system designed to manage the Perspective Layers

Example



See the Perspective Layers' video on YouTube® by scanning the QR Code below :



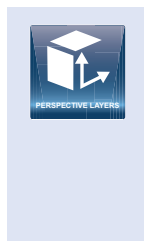
INPUTS



OUTPUTS



PROCESSING



Perspective Layers option at a glance

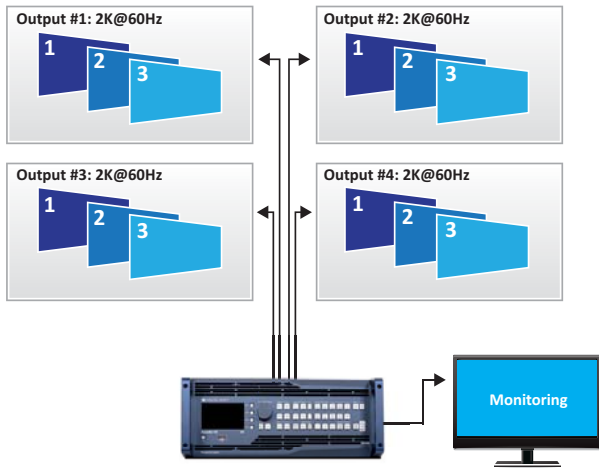
- ▶ New input and output boards (see 4K datasheet for further details)
- ▶ New processing boards
- ▶ Perspective Layers support inputs with formats up to 2K/60Hz
- ▶ Perspective Layers allows rotation of each layer in all 3 axis, and adjustable Z-axis perspective size
- ▶ Three Perspective Layers per screen (up to 12 using Advanced Layer Management)
- ▶ Perspective Layers feature is enabled by Screen
- ▶ Intuitive Perspective Layers management with the **WebRCS**
- ▶ Predefined layouts included
- ▶ Compatible with Soft-Edge Blending and Hard-edge configurations
- ▶ Compatible with 4K output formats



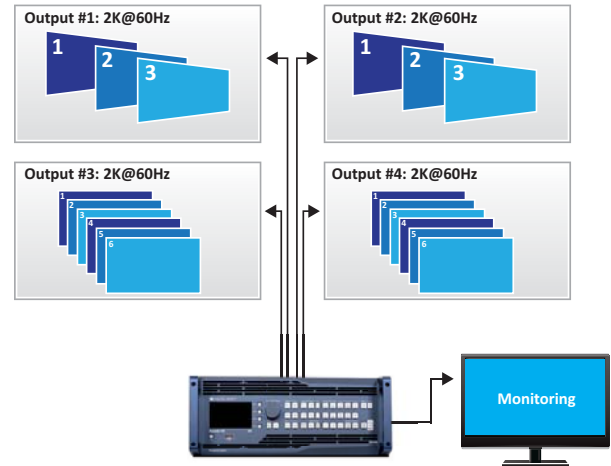
ANALOG WAY®
Pioneer in Analog, Leader in Digital

Example of Perspective Layers Configurations:

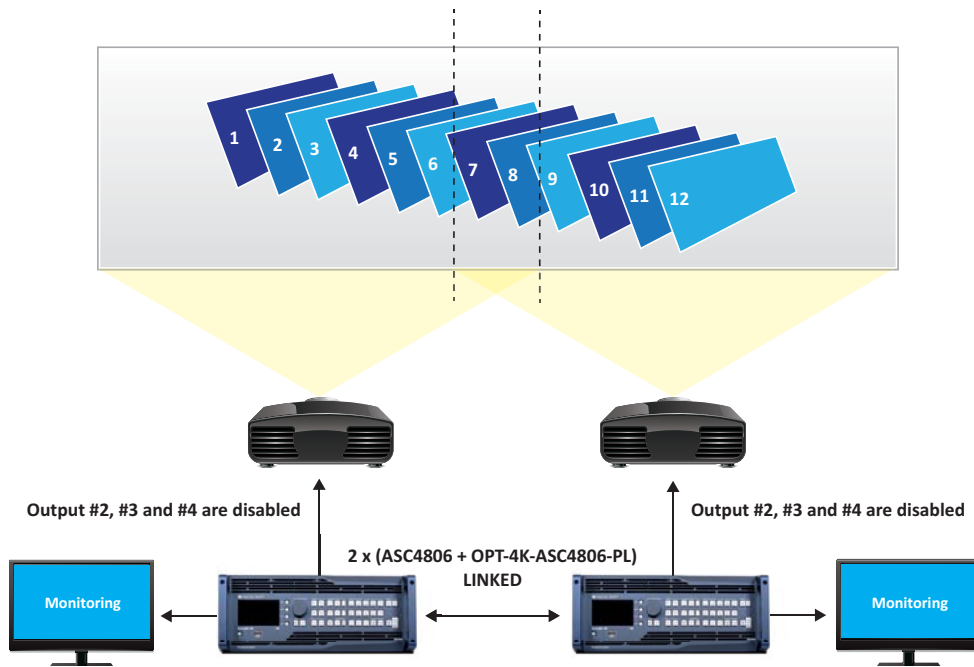
Four Perspective Layers Screens



Two Perspective Layers Screens + two standard screens



One screen with Advanced Layer Management, Additive Modularity and Soft-Edge Blending



Option Installation:

This option must be installed in our technical support offices or certified repair centers.

Warranty:

3-year warranty on parts and labor back to factory.

Please note that the Perspective Layers option for **Ascender 48** also contains the new 4K feature. For further details about 4K, please read the dedicated flyer and white paper available on www.analogway.com



* All User Manuals and Quick Start Guides are also available on www.analogway.com

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