



# ANALOG WAY AQL-C+ Multi-screen Presentation System and Video Wall Processor User Guide

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

## **QUICK START GUIDE** **Aquilon C+ – Ref. AQL-C+** **User Guide**

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## **AQL-C+ Multi-screen Presentation System and Video Wall Processor**

Thank you for choosing Analog Way and the Aquilon C+. By following these simple steps, you will be able to set up and use your 4K/8K multi-screen presentation system and videowall processor within minutes. Discover the Aquilon C+ capabilities and intuitive interface while commanding top-notch presentations and unleash your creativity for a new experience in show and event management.

## WHAT'S IN THE BOX

- 1 x Aquilon C+ (AQL-C+)
- 3 x Power supply cords
- 1 x Ethernet cross cable (for device control)
- 3 x MCO 5-pin connectors
- 1 x Web-based Remote Control Software included and hosted on the device
- 1 x Rack mount kit (the parts are stowed in the packaging foam)
- 1 x User Manual (PDF version)\*
- 1 x Quick start guide\*

\* User Manual and quick start guide are also available on [www.analogway.com](http://www.analogway.com)

### Register your product

Go on our website to register your product(s) and be notified about new firmware versions: <http://bit.ly/AW-Register>

### CAUTION!

The use of rear rack support slide rails for all rack mounted applications is highly recommended. Damage caused by improper rack mounting will not be covered under warranty.

## QUICK SETUP & OPERATION

The Aquilon C+ uses standard ethernet LAN networking. To access the Web RCS, connect a computer to the Aquilon C+ using the Ethernet cable. Then on the computer, open an internet browser (Google Chrome is recommended).

Into this internet browser, enter the IP address of the Aquilon C+ displayed on the front panel screen (192.168.2.140 by default).

The connection starts.

Often, computers are set to DHCP client (automatic IP detection) mode. You may need to change the IP address configuration on your computer before you can connect. These settings are found in the properties for your LAN network adaptor, and vary by operating system.

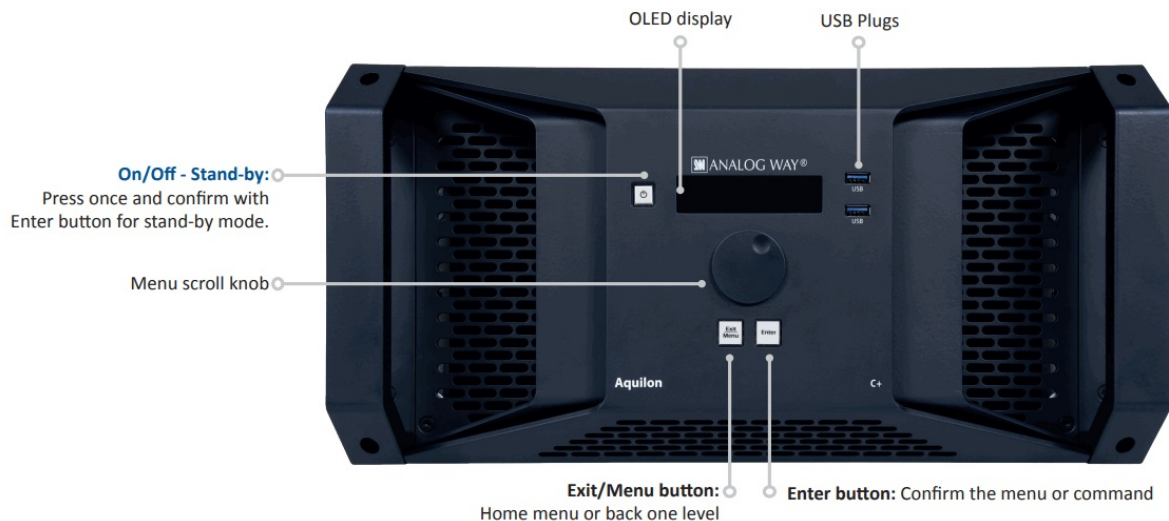
The default IP address on the Aquilon C+ is 192.168.2.140 with a netmask of 255.255.255.0.

Therefore, you can assign your computer a static IP address of 192.168.2.100 and a netmask of 255.255.255.0 and should be able to connect.

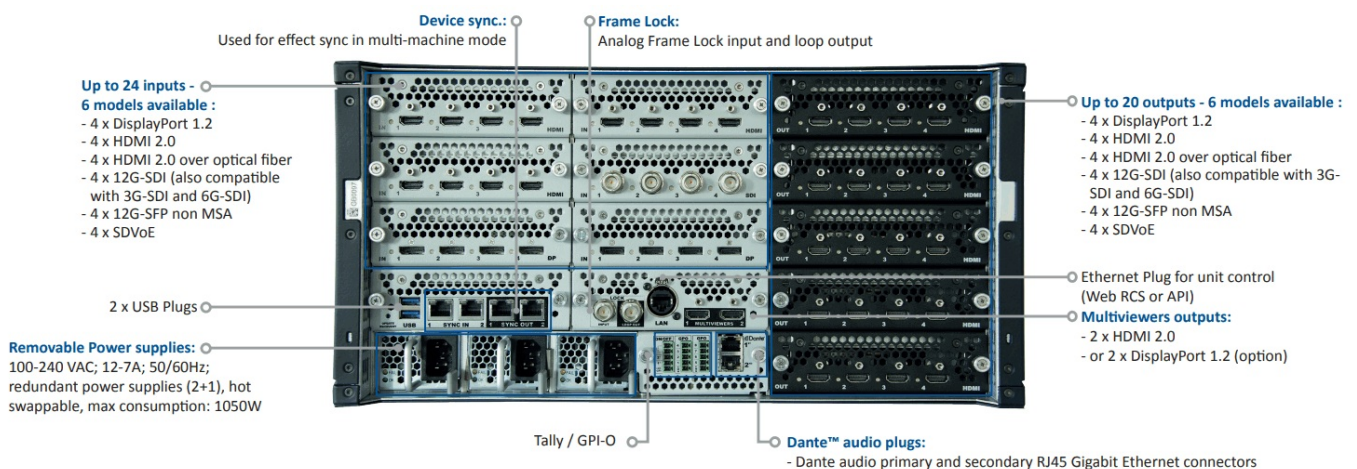
If the connection is not starting:

- Be sure the computer IP address is on the same network and subnet as the Aquilon C+.
- Be sure that two devices do not have the same IP address (prevent IP conflicts)
- Check your network cable. You will need a crossover ethernet cable if you are connecting directly from the Aquilon C+ to the computer. If a hub or switch is involved, use straight ethernet cables.
- For more information, please refer to the User Manual or contact Analog Way Technical Support.

## AQUILON C+ – REF. AQL-C+ / FRONT & REAR PANELS DESCRIPTION



The IP address can be changed from the front panel in the Control menu.



### CAUTION:

The user should avoid disconnecting the power source (AC input) until the unit is in stand-by mode. Failure to do this could result in hard drive data corruption.

## OPERATION OVERVIEW

### WEB RCS MENUS

#### LIVE

Screens: Set Screens and Aux Screens layer settings (content, size, position, borders, transitions, etc.).

Multiviewers: Set Multiviewers widgets settings (content, size, and position).

#### SETUP

Preconfig.: Setup assistant for adjusting all basic setups.

Multiviewers: Set Multiviewers signal settings (Custom resolution and rate), patterns or image adjustment.

Outputs: Set Outputs signal settings (HDCP, custom resolution and rate), patterns or image adjustment.

Inputs: Set Inputs signal settings (resolution and rate), patterns, image adjustment, cropping and keying. It is also possible to Freeze or Black an input.

Image: Import images in the unit. Then load them as image presets to be used in layers.

Formats: Create and manage up to 16 custom formats.

EDID: Create and manage EDIDs.

Audio: Manage Dante Audio and audio routing.

Extras: Timers and GPIO.

## **PRECONFIG**

### **System**

Set the Internal rate, Framelock, Audio rate, etc.

### **Multiviewers**

Enable one or two Multiviewers.

Screens / Aux Screens

Enable Screens and Aux Screens.

Select the layer mode per screen (see below).

Set outputs capacity.

Assign outputs to Screens using drag and drop.

Add layers to Screens and set their capacity.

### **Mixer Seamless and Split layers mode**

In Split layers mode, double the number of layers displayed on Program. (Transitions are limited to Fade or Cut. Multiviewers widgets display Preview in wireframe only).

### **Canvas**

Position the outputs in a virtual screen to create the Canvas.

– Set Auto or custom Canvas size.

– Set Outputs resolution and position.

– Set Area of Interest (AOI).

– Set Blending

### **Inputs**

Set capacity and allow inputs to output Background sets.

### **Images**

Set capacity and allow images to output Background sets.

### **Backgrounds**

Select allowed Inputs and Images to create up to 8 Background sets per Screen to be used in Live.

## **LIVE**

Create presets in LIVE > Screens and LIVE > Multiviewers.

- Set layer size and position in Preview or Program by clicking and dragging the layer .
- Drag sources into layers from the left panel or select them in layer properties.
- Set transitions and use the Take button to send the Preview configuration to Program

For more layers settings, please refer to the LivePremier User Manual.

A Multiviewer can display up to 24 Widgets that act like Screen layers. A Widget content can be a program, preview, input, image or timer.

## **MEMORIES**

Once a preset is built, save it as one of the 1000 Screen memory slots the Aquilon C+ offers.

- Click Save, filter what to save and select a Memory.



- Load a preset at any time on Program or Preview by clicking on the preset number or using drag and drop the preset into the Program or Preview windows.

## MORE FEATURES

### Save / Load

Export and Import configurations from the Web RCS or Front panel.  
Save configurations directly in the unit.

### Firmware Update

Update the unit firmware easily from the Web RCS or from the Front panel.

### Mask (Cut & Fill)

Use a source as a mask for a Cut & Fill effect.

### Keying

Apply Chroma or Luma Keying on an Input.

### Master Memories

Use Master Memory to load multiple Screen presets.

For complete details and operations procedures, please refer to the LivePremier User Manual and our website:

[www.analogway.com](http://www.analogway.com)

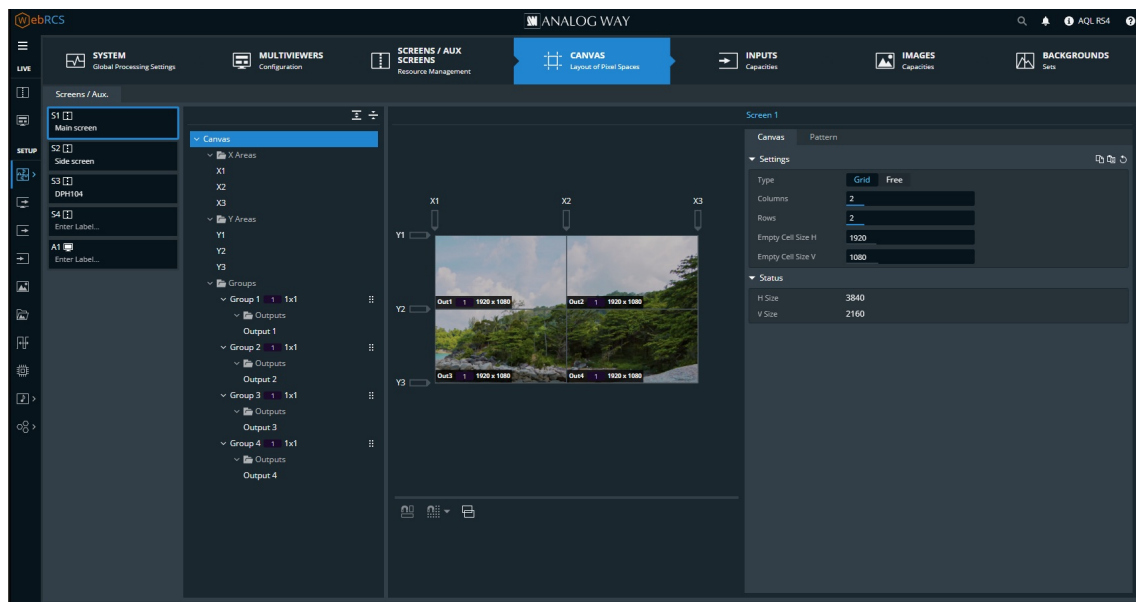
## WEB RCS STRUCTURE



## PRECONFIG

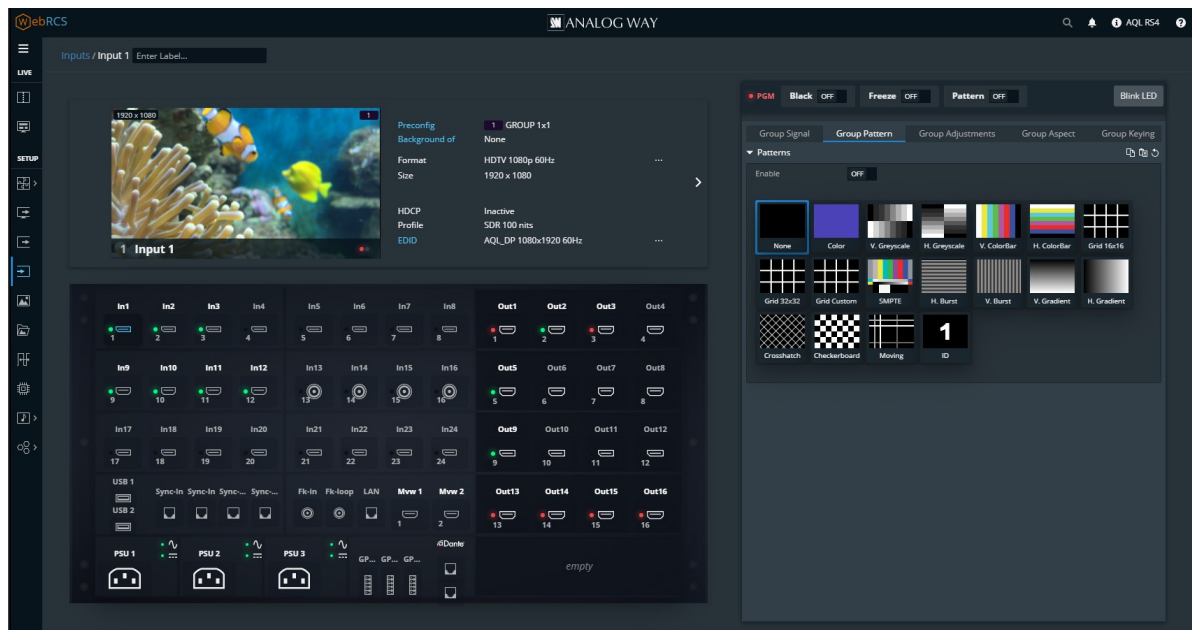
The PRECONFIG menus are the essential steps to setup the show. Add Screens and Layers while assigning desired capacities.

The assistant is here to help setting the unit step by step.



## SETUP

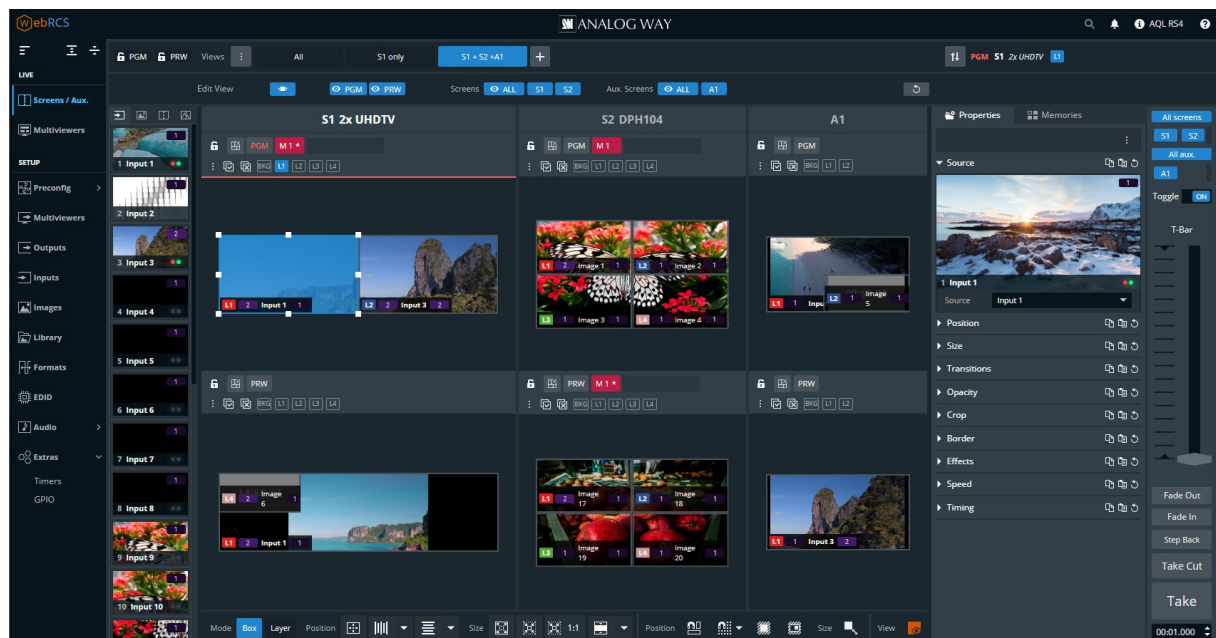
In the other SETUP menus, manage Signal and Image settings for Multiviewers, Outputs and Inputs. Add images, create custom formats, set Dante Audio routing.



## LIVE

In the LIVE menus, set content for Screens, Aux Screens and Multiviewers. Set Layer settings (size, position, transitions, etc.), manage screen memories and trigger transitions between Preview and Program Screens.





## WARRANTY AND SERVICE

This Analog Way product has a 3 year warranty on parts and labor (back to factory), excluding I/O connector cards which are warranted for 1 year. Broken connectors are not covered by warranty. This warranty does not include faults resulting from user negligence, special modifications, electrical surges, abuse (drop/crush), and/or other unusual damage. In the unlikely event of a malfunction, please contact your local Analog Way office for service.

## GOING FURTHER WITH THE AQUILON C+

For complete details and operations procedures, please refer to the LivePremier unit User Manual and our website for further information: [www.analogway.com](http://www.analogway.com)

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Code : 140200

## Documents / Resources

**[ANALOG WAY AQL-C+ Multi-screen Presentation System and Video Wall Processor](#) [pdf]**  
**User Guide**  
 AQL-C Multi-screen Presentation System and Video Wall Processor, AQL-C, Multi-screen Presentation System and Video Wall Processor, Presentation System and Video Wall Processor, Video Wall Processor, Wall Processor, Presentation System

## References

-  [Product registration | Analog Way](#)
-  [Analog Way – Pioneer in Analog, Leader in Digital](#)

Manuals+.