QUICK START GUIDE

Zenith 200 - Ref. ZEN200

ANALOG WAY®
Pioneer in Analog, Leader in Digital

Thank you for choosing **Analog Way** and the **Zenith 200**. By following these simple steps, you will be able to set up and use your 4K60 multi-layer video mixer and seamless presentation switcher within minutes. Discover the **Zenith 200** capabilities and intuitive interface while configuring your first show and unleash your creativity for a new experience in show and event management.

WHAT'S IN THE BOX

Register your product

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

- 1 x **Zenith 200 (ZEN200)**
- 1 x Power supply cord
- 1 x Ethernet cross cable (for device control)
- 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 Quick start guide (PDF version)*

** User Manual and quick start guide are also available on www.analogway.com*

CAUTION!

Damage caused by improper rack mounting will not be covered under warranty.

QUICK SETUP & OPERATION

Use the Web RCS

The **Zenith 200** uses standard ethernet LAN networking. To access the Web RCS, connect a computer to the **Zenith 200** 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 **Zenith 200** 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 **Zenith 200** 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 **Zenith 200**.
- 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 **Zenith 200** to the computer. If a hub or switch is involved, use straight ethernet cables.

Reset the device to default values

To reset the unit to factory settings to get started. Use the scroll knob and go to **Control > Reset to default values > Yes**

Firmware update

1. Download the latest **Alta 4K** firmware on www.analogway.com.
2. Put the updater file on a USB drive.
3. Connect the USB drive on the front panel.
4. The updater file is automatically detected. Otherwise, go to **Control** > **USB Host** > **Scan for Updater**.
4. Extract the updater file.
5. Install the new firmware.

ZENITH 200 - REF. ZEN200 / FRONT & REAR PANELS DESCRIPTION

Front panel display:
480x272 color LCD screen

Menu scroll knob

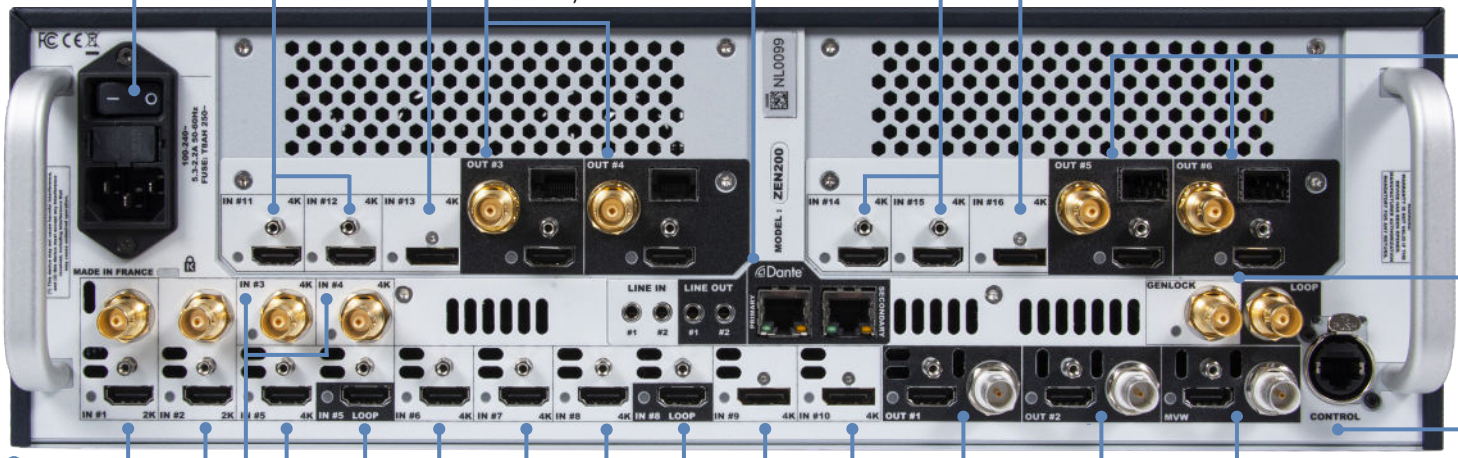
On/Off Stand-by:
Hold for 3 seconds for stand-by mode

Monitor:
Display the selected input or output on the LCD screen

USB Plug

Exit/Menu button:
Home menu or back one level

Enter button:
Confirm the menu or command



Power supply:
100-240 VAC 7A 50/60H;
Fuse T8AH 250 VAC; internal, autoswitchable;
Max consumption 250W

CAUTION:
The user should avoid disconnecting the power source (AC input) until the unit is in stand-by mode.

Input 13:
- DisplayPort 1.2

Outputs 3 & 4:
HDMI 2.0, 12G-SDI & 12G-SFP usable at the same time (same content)

Inputs 11 & 12:
- HDMI 2.0

Inputs 14 & 15:
- HDMI 2.0

Input 16:
- DisplayPort 1.2

Analog & Dante audio card (optional):
- 2x analog stereo mini jack line in and line out
- Dante audio primary and secondary RJ45 Gigabit Ethernet connectors

Outputs 5 & 6:
HDMI 2.0, 12G-SDI & 12G-SFP usable at the same time (same content)

Genlock:
Loop-through (Tri-level or Black Burst) or Sync signal generator

Ethernet Plug for unit control (Web RCS or API)

Multiviewer output:
HDMI 1.4 & 3G-SDI usable at the same time (same content)

Inputs 1 & 2:
HDMI 1.4 and 3G-SDI (2K)
Selectable active plug

Inputs 3 & 4:
- 12G-SDI

Inputs 6 & 7:
- HDMI 2.0

Inputs 9 & 10:
- DisplayPort 1.2

Input 5:
- HDMI 2.0 with Loop

Input 8:
- HDMI 2.0 with Loop

Output 1:
HDMI 2.0 & 12G-SDI usable at the same time (same content)

Output 2:
HDMI 2.0 & 12G-SDI usable at the same time (same content)

OPERATION OVERVIEW

WEB RCS MENUS

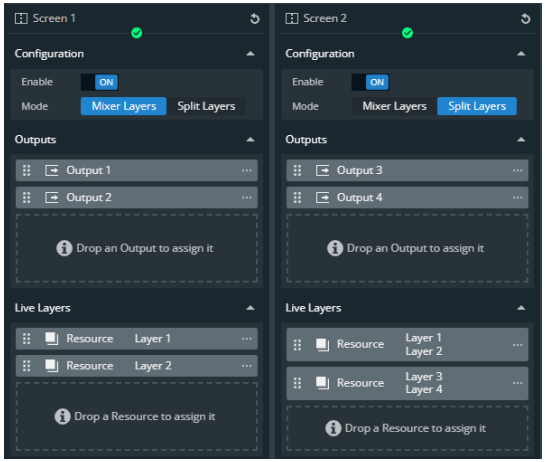
LIVE
Screens / Aux.: Set Screens and Aux Screens layer settings (content, size, position, borders, transitions, etc.).
Multiviewer: Set Multiviewer widgets settings (content, size, and position).

SETUP
Preconfig.: Setup assistant for adjusting all basic setups.
Multiviewer: Set Multiviewer signal settings (Custom resolution , rate and HDR conversion, patterns or image adjustment.
Outputs: Set Outputs signal settings (HDCP, custom resolution and rate), patterns or image adjustment.
Inputs: Set Inputs signal settings (resolution, rate and HDR conversion), patterns, image adjustment, cropping and keying.
Images & Library: 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.
Custom LUT: Import and manage LUTs.
Audio: Manage Dante Audio and audio routing.
Extras: Timers and GPIO.
Streaming: Broadcast a video signal over IP to an online web service or to a private network.

PRECONFIG

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

Screens / Aux Screns
Enable Screens and Aux Screens.
Select the layer mode per screen (see below).
Assign outputs and layers to Screens using drag and drop.



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. Multiviewer widgets display Preview in wireframe only).

Canvas
Position the outputs in a virtual screen to create the Canvas.
- Set Outputs resolution and position.
- Set Blending or Gap.
- Set Area of Interest (AOI).

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

Audio
De-embed audio channels from all inputs and re-embed them on all outputs.

Quick preset
Hide all contents an load a Master Memory, Fade-to-Black or one custom image on all Screens

LIVE

Create presets in **LIVE > Screens** and **LIVE > Multiviewer**.

• 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 Alta 4K User Manual.

A Multiviewer can display up to 27 resizeable Widgets that act like Screen layers. A Widget content can be an output, preview, input, image or timer.

MEMORIES

Once a preset is built, save it as one of the 200 Screen memory slots (or 50 Master memory slots) the **Zenith 200** 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 a configuration
Export and Import configurations from the Web RCS or Front panel.
Save configurations directly in the unit.

Image Capture
Create an image file from any input or output video signal.

Keying
Apply Chroma or Luma Keying on an Input.

Master Memories
Use Master Memory to load multiple Screen presets.

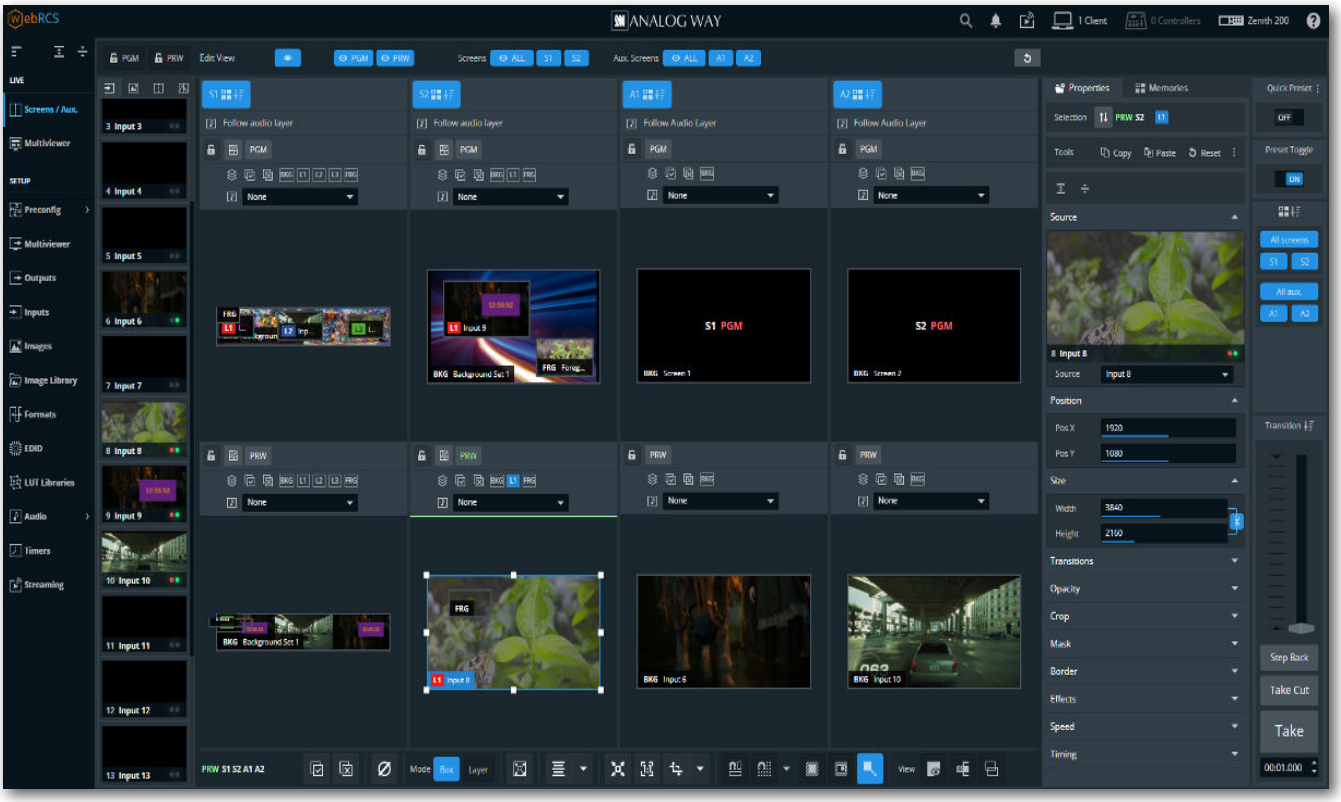
Remote Control
Fully compatible with Analog Way RC400T, Shot Box² and Control Box³, use them to recall Memories and trigger transitions.

For complete details and operations procedures, please refer to the Alta 4K User Manual and our website:
www.analogway.com

WEB RCS - INSPIRED BY LIVEPREMIER

Familiar to LivePremier and Midra™ 4K users, the Web RCS for **Alta 4K** is the easiest way to setup your configuration and manage your live presentation.

The Web RCS for **Alta 4K** is embedded in the device and requires no software installation.



START IP STREAMING

The duplicate of one input or output video signal can be broadcast over IP to an online web service or to a private network.

1. Go to **Streaming**.
2. In Configuration, select **Client** or **Server** mode. In Client mode, select an RTMP destination.
3. In Video > Source, select the **Input**, **Output** or **Multiviewer** source to stream.
4. In Video > Profile, select the output format (**720p30**, **720p60** or **1080p30**).
5. In Video > Quality, select **Low**, **Medium** or **High**. Or select Custom Bitrate and enter a value in kbps.
6. In Audio > Mode, select to Follow content or select Direct routing and set the audio source.
7. On the top of the page, click **Start**.

In Server mode, the default URL to get the stream content is: **rtmp://192.168.2.140:1935/stream/live**

WARRANTY AND SERVICE

This **Analog Way** product has a 3 year warranty on parts and labor (back to factory). 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 ZENITH 200

For complete details and operations procedures, please refer to the **Alta 4K unit** User Manual and our website for further information: **www.analogway.com**

01-SEP-2022
ZEN200 - QSG
Code : 140223