

# AJA MiniConfig Release Notes—v2.5.1

## Control software for AJA Mini-Converters

### General

---

This release is recommended for all AJA MiniConfig software users. It adds features, improves operation and fixes issues present in the earlier release versions.

**Note:** *New Hi5-4K Mini-Converter support and ROI improvements added to MiniConfig*

### Supported Products

---

Hi5-3D, Hi5-3G, HDP2, UDC, ROI and Hi5-4K

### New Hi5-4K Converter

---

AJA's Hi5-4K converts 4 x SDI 4K video inputs to a single 4K HDMI v1.4a for use with the latest low-cost 4K monitors. Additionally, most SD and HD inputs are supported for SDI to HDMI conversion using the same Hi5-4K.

### Default Operation

---

The Hi5-4K auto-configures to the connected inputs (no dipswitch settings required). The auto-configure function identifies the connected inputs and outputs the default or user-configured HDMI output for the given input. AJA's MiniConfig application is available for firmware updates and advanced configuration.

**NOTE:** *Signal conversion requires the presence of a valid SDI video signal on the SDI IN 1 BNC.*

For single SD or HD inputs, BNC input 1 is the default input. For Dual Link 1.5GHz HD inputs and 4K dual-stream 3GHz SDI inputs, SDI-1 and SDI-2 inputs are default. Where applicable, both level A and B 3GHz inputs are auto-detected and supported.

When connecting the Hi5-4K with multiple SDI inputs in the auto-configure mode (default), as the user connects the first HD-SDI to input 1, the unit will output that input as a full screen HD. As soon as the second input is connected, the unit will know that either QuadHD (3840x2160) or 4K (4096x2160) is present and the display will change to show the two connected quadrants in the upper left and upper right of the 4K output. The remaining two quadrants will be displayed once they are connected.

It is possible to use two dual-stream 3G inputs to make QuadHD or 4K video. In this case SDI-1 and SDI-2 are assumed to be the inputs: SDI-1 link-A makes the top left quadrant, SDI-1 link-B makes the top right quadrant, SDI-2 link-A makes the lower left quadrant, and SDI-2 link-B makes the lower right quadrant. To use this mode, change the Video Source Selection to '2 X SDI 4K'.

The Hi5-4K will output either QuadHD (3840x2160) or 4K (4096x2160) if more than one HD input is present and the monitor can support those resolutions. For 4K input the Hi5-4K may provide a center cut 3840x2160 image, or pass the 4096x2160 image to the output, but Hi5-4K does NOT perform any scaling.

Please refer to the Hi5-4K operations manual for more details.

## ROI Converter Bug Fixes

---

- Region of interest settings will remain after a power cycle or changes to the DVI/HDMI input source
- User's Region of Interest settings now preserved for both input and output "Variable" modes.
- Corrected color space conversions
- Enhanced reference timing
- Corrected SD region of interest expansion
- Corrected matte color edge transitions
- Audio Enhancements
  - Fixed audio output noise when an input was unplugged
  - Fixed audio pop when switching formats
  - Fixed audio pop when the input was disconnect and reapplied
  - Fixed audio pop after a power reset

## Installing the Latest Software

---

The Mini-Converters come from the factory with a software CD and pre-installed with firmware. To ensure that you have the most current version of software/firmware available, please check the AJA website. To get the latest software, visit the AJA support website and select Mini-Converters:

<http://www.aja.com/en/support/>

The MiniConfig software files can be selected to download for configuring and upgrading your Mini-Converter module. Current and past releases of the MiniConfig software are also available in the Software Archive section.

## Product User Manual

---

The manual provided with the Mini-Converter describes updating the software; please refer to it when updating software. The product manuals are located on the CD and installed with the software in the /AJA/Mini Config/ Documentation/ folder in your start menu.

The manual is also available online for download from the AJA support website in the Mini-Converter section:

<http://www.aja.com/en/support/>