

AJA MiniConfig Release Notes—v2.8.0

Control software for AJA Mini-Converters

General

This release is recommended for all AJA MiniConfig software users. It adds support for new AJA Mini-Converters, as well as improvements and fixes to other Mini-Converters supported by the MiniConfig software.

New Hi5-Plus and HA5-Plus Mini-Converter

Hi5-Plus and HA5-Plus bring critical updates to these extremely popular Mini-Converters. 3G-SDI is now supported as well as an integrated frame buffer for greater image stability. The built-in USB connection allows Hi5-Plus and HA5-Plus to be configured and controlled using AJA's free MiniConfig software from either a Mac or Windows system.

Improvements

4K2HD

- Fixes issues related to receiving 4096x2160 inputs in some environments
- Fixes problem in 4096x2160 modes where a vertical line was sometimes seen on down-scaled output

Hi5-3D

- Fixes "shimmering lines" when in 3D Frame Pack mode @ 23.98p and PsF

Hi5-4K

- Feature added for selecting HDMI 2.0b (3840x2160p 50, 59.94, 60 4:2:0) output mode
- Fixes issues related to receiving 4096x2160 inputs in some environments

ROI

- Feature added for H/V delay control on SDI video output relative to reference input
- Feature added to "Disable Edge Filtering" on output.
 - Application is for driving 4K/UHD displays with 4 ROI devices without vertical center line between quadrants
- Fixes issue with output being incorrect in Crop/Matte mode
- Fixes various GUI controls to improve user experience in screen picker and mouse resize modes
- Fixes issues with 1600x900 and 1366x768 formats

UDC

- Fixes issue where the UDC output will incorrectly switch to a 29.97/59.94 output upon loss of video, when a 25/50 Hz reference is applied.
 - When a 25 Hz reference signal is being used, the behavior of the product is that the output should revert to a 'Black' raster of the correct format, timed to the reference. The product was switching to 29.97 output in this condition, which is incorrect. For example, if the UDC is connected to a 1080i/25 HD-SDI input, with a 625i reference, and down-convert is configured, upon loss of video, the UDC will now output 'Black' at 625i rates. This fix ensures that, in a facility with 25/50 Hz signals, the UDC will stay in the correct format upon loss of SDI input video
- Fixes issue when SDI input and reference input do not match. Unit will now output the SDI input format properly per the manual

V2DIGITAL

- Fixes issue seen on left edge of image in some scenarios with Component 525i SMPTE/EBU-N10

Installing the Latest Software

Mini-Converters come from the factory with pre-installed firmware. To ensure that you have the most current version of software/firmware available, please refer to the AJA website. To get the latest version, visit the MiniConfig page on the AJA website:

<http://www.aja.com/en/products/mini-converters/mini-config-software/>

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 for each supported Mini-Converter.

Firmware Upgrade Procedure

The manual provided with your AJA Mini-Converter describes the firmware update process; please refer to it in order to properly update your firmware. The product manuals are also installed with the software in the /AJA/MiniConfig/Documentation/ folder in your start menu.

Individual product manuals are available online for download from the Mini-Converter section of the AJA website:

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

Products Supported In This Release

Hi5-3D, Hi5-3G, HDP2, UDC, ROI, Hi5-4K, 4K2HD, V2Digital, V2Analog, Hi5-Plus and HA5-Plus