AJA Mini-Config –Release Notes v2.23.0
Control Software for AJA Mini-Converters

General v2.23.0
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This version of Mini-Config adds support for the new HA5-12G and HA5-12G-T Mini-Converters and incorporates feature enhancements for the Hi5-12G, Hi5-4K-Plus, HA5-4K, and 4K2HD Mini-Converters.

New Mini-Converters
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HA5-12G Series

The HA5-12G converts an HDMI 2.0 input to a 12G-SDI single link output. The HA5-12G supports a wide range of HDMI input formats and frame rates up to 4Kp60, and supports HD-SDI, 3G-SDI, 6G-SDI, and 12G-SDI output rates. The HA5-12G supports up to eight channels of audio from the HDMI source and two-channels of analog audio (RCA), with eight or two channels of digital embedded audio on the SDI output.

The HA5-12G and HA5-12G-T support HDMI EDID emulation which ensures the connected source outputs the desired video format.

The HA5-12G-T fiber SFP-equipped model adds a single channel fiber transmitter capable of extending HDMI 4K signals over long distances, up to 10km over a single fiber link. HA5-12G-T ships with a FIBERLC-1T-12G SFP installed and includes all functionality of the HA5-12G, with the added benefit of extending audio and video signals further.

Both models include a second 12G-SDI output spigot with a DA copy of the main output.

Hi5-12G
- Fixed issues with 4:4:4 RGB and 4:4:4 YCbCr formats
- Fixed HDR Infoframe On/Off control function
- Fixed Colorimetry control and now supports BT.2020 Colorimetry detection and signaling
- Fixed loss of audio issue with Hi5-12G-R and Hi5-12G-TR when selecting between SDI and Fiber inputs
- Fixed "split screen" issue with some 3G-SDI Level B input formats
- Removed transmission of HDMI GCP packets for 4:2:2 formats
- Improved input signal lock time

Hi5-4K-Plus
- The input and output bit depth selections now support 12 bit
- SDI input 1 is no longer required to have an SDI signal present for audio to be sourced from SDI input 2, 3, or 4
- Corrected the HDMI Vendor Specific InfoFrame when the output format is 1920x1080p24 4:4:4
- Fixed a bug that was introduced in Hi5-4K-Plus v1.6 that caused the bottom half of the image not to be in sync with the top half when the video format is 4K/UHD at high frame rates

HA5-4K
- HDR tab now shows Colorimetry status even when no HDR Infoframe is detected
- Corrected the SDI VPID for UHDp23.98 4:4:4 3G-SDI Level B
- Improved automatic input detection after a source change

4K2HD
- Corrected an Illegal code value issue with 3G-SDI Level B
- Enabled EDH for SD-SDI signals

Installing the Latest Software

Mini-Converters come from the factory with the most current version of firmware pre-installed. To get the latest version of Mini-Config, visit the AJA website support area and select your Mini-Converter from the list:

https://www.aja.com/category/mini-converters#support

The Mini-Config software can be found in the Software section of the support page for your Mini-Converter. Previous releases of the AJA Mini-Config 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/Mini-Config/Documentation/ folder.

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

http://www.aja.com/support

Products Supported in This Release

The following products are covered by this update:

HD10MD4	Hi5-4K	HB-T-SDI
LUT-box	HA5-4K	HB-R-SDI
Hi5-3D	4K2HD	ROI
Hi5-3G	V2Digital	ROI-DVI
HDP2	V2Analog	ROI-HDMI
UDC	Hi5-Plus	ROI-DP
HDP3	HA5-Plus	ROI-SDI
OG-3G-AM	3G-AMA	Hi5-Fiber
HA5-Fiber	Hi5-4K-Plus	RovoRx-SDI
3G-AM	Hi5-12G	12GM
HA5-12G	Hi5-12G-R	
HA5-12G-T	Hi5-12G-TR	

Technical Support

AJA Technical Support is free and available to help you answer questions or resolve issues with any of your AJA products.

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