

AJA OG-Hi5-12G – Release Notes v1.1

Firmware v1.1 for OG-Hi5-12G

Introduction

OG-Hi5-12G openGear card v1.1 software is a maintenance release. It provides an added UI control. The OG-Hi5-12G has a new drop down menu to provide better control of non-PCM audio processing and unsupported non-PCM audio formats. It is highly recommended that you update to this version of software.

Be sure to consult the Installation and Operation Guide (user manual) for detailed information about features and configuration guidelines. The most current documentation can always be found on the [OG-Hi5-12G Support Page](#).

Features, Updates and Improvements in v1.1

Version v1.1

- A new drop down menu to control non-PCM audio processing and unsupported non-PCM audio.
- Resolves an issue where after an arbitrary number of input changes, the embedded audio gets corrupted.
- Resolves an issue of 720x480i output with new bin file outputs reporting wrong H/V sync polarities.
- Resolves issue where device outputs incorrect video format after being power cycled.
- Resolves issue of SD outputs not working properly in HDMI mode.

Features, Updates and Improvements in Previous Releases

Version v1.0

- Converts 12G-SDI to HDMI 2.0 at up to 4K 60p
- Supports 4:4:4/4:2:2/4:2:0 HDMI 2.0 output
- Supports 12-bit workflows
- HDR signaling metadata pass-through and optional override
- Embedded 8-channel 24-bit audio support

- Embedded audio pass-through of AC-3 (Dolby Digital) and E-AC-3 (Dolby Digital Plus) compressed audio, including DD+ Atmos (aka DD+ JOC)
- 12G-SDI loop out
- Fiber SFP models available
- Control via Ross DashBoard software
- 13 watts max per card
- Five year warranty

DashBoard Initial Setup, Control, and Firmware Updates

Note: DashBoard software (free) is needed to update firmware, configure and monitor AJA openGear DashBoard supported cards.

1. Check the AJA website for new firmware for your OG-Hi5-12G or SFP version. If new firmware is found, download it and uncompress the file archive (zip). <https://www.aja.com/family/opengear#support>
2. Click the Upload button in the lower panel of the DashBoard Control System to open the Upload Software Wizard.
3. From the Upload Software Wizard window, select Browse.
4. Navigate to the location of the downloaded .bin file containing the firmware update. Select the .bin file, then select Open. The Upload Software Wizard window displays characteristics of the selected file for uploading.
5. Click Finish.
6. When the progress bar indicates that the uploading is finished and status indicates "Complete," click OK.
7. To verify the version of firmware currently installed on your card, select the Card tab from the center panel of DashBoard.

NOTE: Before the upload begins, DashBoard will erase the firmware on the card, taking approximately 20 seconds.

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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