

AJA OG-3GDA-2x4 – Release Notes v1.1.1

Release software v1.1.1 for OG-3GDA-2x4

Introduction

This is the second release for firmware specifically for AJA OG-3GDA-2x4 openGear card (version 1.1.1).

Features, Updates and Improvements in v1.1.1

Version v1.1.1

- Added power LED functionality to follow the state of the card as displayed in dashboard. The power LED will now illuminate yellow if there is a yellow dashboard alarm, red if there is a red dashboard alarm, and green if no alarms are present.
- Added an identify checkbox to the Setup Tab. This feature will force the power LED to blink orange so it can be easily identified for service.

Features, Updates and Improvements in Previous Releases

Version v1.0.7

- Initial Firmware release for OG-3GDA-2x4
- openGear compatible card
- Video Formats: 150 Mbps - 3 Gbps, format agnostic
- Input: 1x 3G-SDI BNC (1x8 mode); 2x 3G-SDI BNC (2x4 mode)
- Outputs: 8x 3G-SDI BNC
 - 4 outputs noninverting (1x8 mode)
 - 2 outputs noninverting (2x4 mode)
- Support for HDR – High Dynamic Range video

- Monitor via openGear DashBoard
 - Passes embedded audio, all ancillary data including closed caption and time code
 - Input Present and Input SMPTE Lock LEDs
 - Automatic input equalization and output reclocking
 - 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select
 - Power: 2.6 watts max per card
 - Hot-swappable
 - Compatible with OGX, OG3 and DFR-8321 openGear frames
 - Five-year warranty
 - DashBoard Support
- <http://www.opengear.tv/dashboard-software>
- For additional information, please refer to the OG-3GDA-2x4 section of the AJA website:
<https://www.aja.com/products/OG-3GDA-2x4>

DashBoard Initial Setup, Control and Updating Firmware

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

1. Check the AJA website for new software for your OG-3GDA-2x4. If new software is found, download it and uncompress the file archive (zip). <https://www.aja.com/category/rackframes#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 software 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 software or 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.

To contact AJA Technical Support:

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