

AJA OG-FiDO-2T-MM – Release Notes v2.0.1

Release software v2.0.1 for OG-FiDO-2T-MM

Introduction

This is the fourth release for firmware specifically for AJA OG-FiDO-2T-MM openGear card (version 2.0.1).

Features, Updates and Improvements in v2.0.1

Version v2.0.1

- This is the shared firmware by all the OG-FiDO cards and is the initial release of firmware shipped with AJA's OG-FiDO-TR-12G openGear card.

Features, Updates and Improvements in Previous Releases

Version v1.2.1

- Addressed a bug that caused DashBoard to mistakenly report “Non AJA SFP” even though the installed SFP was an AJA SFP.

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.

Version v1.0.3

- Initial Firmware release for OG-FiDO-2T-MM
- openGear compatible card
- Video Data Rates: 150 Mbps - 3 Gbps, format agnostic
- Inputs: 2x Independent 3G-SDI Inputs, BNC connectors
- Outputs: 2x Multi Mode LC Fiber
- Monitor via openGear DashBoard
- Input Present and Input SMPTE Lock LEDs
- Automatic detection and re-clocking
- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select
- All other rates are passed through and not reclocked
- Nominal Wavelength: 850 nm
- Optical Power: -5dBm (min), 0dBm (max)
- Power: 2.5 watts
- 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-FiDO-2T-MM section of the AJA website:
<https://www.aja.com/products/og-FiDO-2T-MM>

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-FiDO-2T-MM. 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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