AJA OG-12G-AMA – Release Notes v.1.0

Firmware v1.0 for OG-12G-AMA

Introduction
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The OG-12G-AMA is an 8-channel analog audio embedder/disembedder openGear card that supports 12G-SDI input and output up to 4K/UHD. The OG-12G-AMA automatically detects and configures to the input video standard. It uses 3-pin terminal block connectors for audio input or output functionality.

Analog audio levels and audio embedding/disembedding are selectable, with embedding/disembedding on a channel pair basis to pass 12G-SDI input audio or embed input analog audio from the 3-pin terminal block connectors.

The OG-12G-AMA is designed for use in high density openGear 2RU rack frames, including AJA's OG-X-FR frame. Ross DashBoard Software supports Windows®, macOS® and Linux® and provides configuration, monitoring, and control options for openGear cards and frames via a connected computer or over a local network with DashBoard's web UI.

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-12G-AMA Support Page.

OG-12G-AMA Features v.1.0
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Version v.1.0

- 12G-SDI 8-channel balanced analog audio embedder/disembedder
- 8x 3-Pin Terminal Block connectors for audio I/O
- Control via Ross DashBoard control software
- Compatible with OG-X-FR, OG-3-FR and DFR-8321 openGear frames
- 8 watts max per card
- Five year warranty

DashBoard Initial Setup, Control, and Updating Firmware

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Note: DashBoard software (free) is needed to update the OG-12G-AMA firmware, configure and monitor AJA openGear DashBoard supported cards.

1. Check the AJA website for new firmware for your OG-12G-AMA. 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 the DashBoard software.

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

Technical Support

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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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