

# AJA OG-DANTE-12GAM - Release Notes

## Software v1.2.9 and Firmware v1.2.2 for OG-DANTE-12GAM

### Introduction

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OG-DANTE-12GAM software v1.2.9 and firmware v1.2.2 is a feature release which improves 12G-SDI output performance. It is highly recommended that you update to avoid any potential issues.

Component	Version	Update Using	Update Required in this Release
Software BIN File (Processor)	v1.2.9	DashBoard	NO
Firmware DNT File (FPGA)	v1.2.2	Dante Controller	YES

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 [OG-DANTE-12GAM Support Page](#).

### New Features in Software v1.2.9 and Firmware v1.2.2

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- Improves 12G-SDI output signal quality.

### Fixes, Changes and Improvements in Previous Releases

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#### Software v1.2.9 and Firmware v1.2.1

- Now supports Internal SDI Generators and enables the OG-DANTE-12GAM to output SDI video without an SDI video input signal. Users can embed Dante audio onto these SDI video streams the same as an input video stream. If an input video signal is present, embedded audio will be disembedded and available to route within the Dante network.

#### Firmware v1.1.2

- Now supports IGMP operation. This version addresses an issue that can occur when OG-DANTE-12GAM cards are on a Dante network with IGMP enabled. The previous version of the

OG-DANTE-12GAM incorrectly assumed the role of PTP Grandmaster because it was not properly communicating with other Dante devices on the network.

#### Firmware v1.1.0

- Initial Firmware release for OG-DANTE-12GAM openGear card
- openGear compatible card
- Support for 12G/6G/3G SDI audio embedding to-and-from- the Dante audio ecosystem
- Dual, and independent 12G-SDI, (2x Inputs and 2x Output ports) providing up to 32 channels of audio embedding and 32 channels of simultaneous disembedding, per card
- Compatibility with openGear frames and cards from AJA and third-parties
- High density and small form factor, enabling 10 cards to be utilized in a single openGear frame for up to 640 channels of SDI/Dante audio conversion
- Standard DashBoard support for remote signal status and configuration
- Support for Dante Controller software
- Hot-swappable
- Compatible with DFR-8321, OG3, and OGX openGear frames
- Five-year warranty
- DashBoard Support with Smart Control:  
<https://www.opengear.tv/frame-and-control/control-system/download/>
- Dante Controller  
<https://my.audinate.com/support/downloads/download-latest-dante-software>
- For additional information, please refer to the OG-DANTE-12GAM section of the AJA website:  
<https://www.aja.com/products/og-DANTE-12GAM>

## Updating Firmware (Dante Updater v.2.0 or greater required)

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Dante Updater software (free) is a desktop application that allows you to update the Dante firmware and software on Dante hardware devices. Dante Updater software is installed automatically when you install Dante Controller.

The application is linked to an online database containing firmware update files for products from multiple manufacturers. When the application is connected to a Dante network, it scans the network and identifies the firmware versions for each discovered Dante device.

Dante Controller is available for download from Audinate’s website.

### Downloading a copy of Dante Controller:

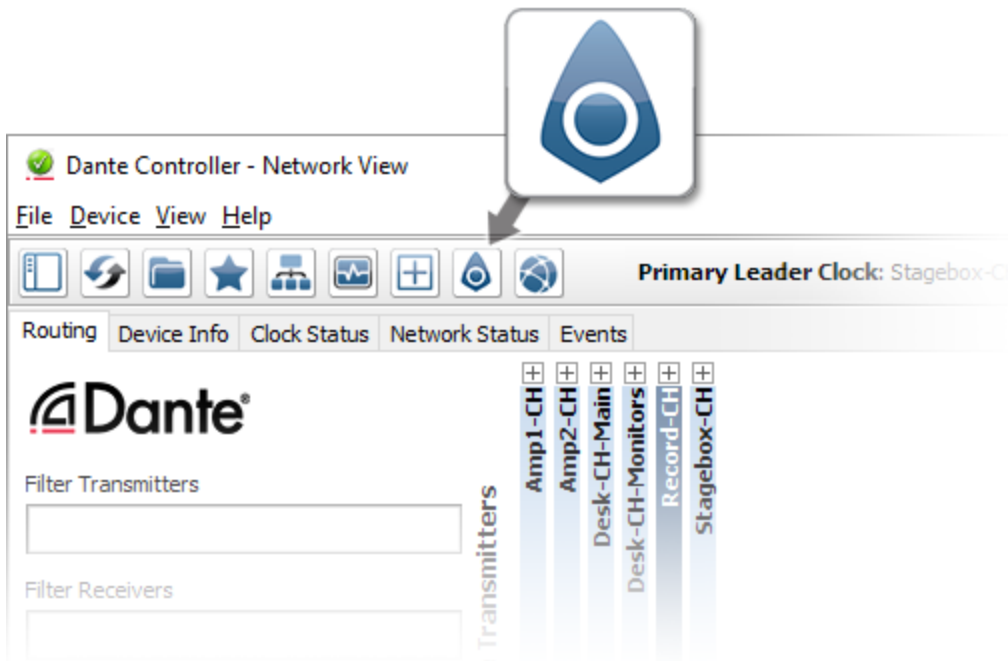
1. Go to the Audinate website: [www.audinate.com](http://www.audinate.com).
2. Navigate to **Products > Dante Controller**.
3. Under ‘Download,’ choose your operating system.
4. Click the red download button.

This will take you to the appropriate Dante Controller release page for your operating system.

Click the link under ‘File downloads’ to download the Dante Controller installer.

### Launching Dante Updater

To launch Dante Updater, click the button in the main toolbar:



If Dante Updater identifies one or more devices on your Dante network for which new firmware is available, a notification icon is displayed on the Dante Updater button in the main toolbar:



Launch Dante Updater to review the available updates and update the device(s).

## 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:**

Email: [support@aja.com](mailto:support@aja.com)

Phone: +1-530-271-3190

Fax: +1-530-274-9442

Web: [www.aja.com/support/contact](http://www.aja.com/support/contact)

Shipping: 180 Litton Dr. Grass Valley, CA 95945 USA