

# AJA DANTE-12GAM v1.0 Release Notes

## Firmware DANTE-12GAM

### Introduction

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AJA DANTE-12GAM is a new product release. The DANTE-12GAM is a high-performance Audio over IP (AoIP) Converter, embedding and disembedding SDI audio to a Dante network and back to SDI from Dante audio. Equipped with 12G-SDI input and output and dual etherCON GigE ports, the DANTE-12GAM is capable of simultaneously embedding and disembedding up to 16\* channels of audio in and out for a total of 32\* audio channels in a compact device.

The DANTE-12GAM is your portal to a vast array of IP audio solutions. Dante networks not only support the Dante audio streams but also support AES67 and SMPTE ST 2110-30 AoIP, providing massive flexibility for all your IP audio needs.

DANTE-12GAM is available with a single channel 12G-SDI input and output, or as two dual channel options: DANTE-12GAM-TR-LC (with LC Fiber SFP) or DANTE-12GAM-TR-BNC (with BNC SFP), which support a total of up to 64 channels of Dante® audio in a compact Mini-Converter form factor. The single channel version can be upgraded to the dual channel version at any time via an optional license and the addition of either the BNC or LC Fiber SFP.

\*Up to 64 channels of audio with the dual channel option/upgrade.

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

### Features in v1.0

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- Support for 12G/6G/3G/1.5G SDI audio embedding/disembedding to and from the Dante audio ecosystem
- Single video channel with independent 12G-SDI Input and Output ports, each supporting 16 audio channels, totaling 32 channels of Dante audio in a compact, portable design

- PTPv2, SMPTE ST 2110-30, AES67 compatible
- 1x Primary and 1x Secondary etherCON GigE ports for Dante network redundancy
- PoE+ on Primary Ethernet simplifying wiring
- Internal SDI signal generator, which enables transmitting Dante audio channels over SDI without having an external SDI source signal
- AJA Web UI support for remote signal status and configuration
- USB-C port for initial Static IP configuration using free AJA eMini-Setup software
- Front-panel LCD information and configuration screen
- 4x Physical control buttons (Back, Enter, Up, Down)
- Upgradable to second video channel via additional SFP and license, expanding support to up to 64-channels
- 12V, 60W Power Supply Included
- Five-year warranty

## Known Issues & Limitations

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1. While eMini-Setup 2.4.2, AJA web UI, and Dante Controller all can be used to set the Static IP address or change back to DHCP, we recommend using eMini-Setup for the initial IP configuration on the Primary Network.
2. Subsequent network configurations are best done using Dante Controller.
3. We recommend that you do not use the Secondary IP address to open an AJA webUI as it may create control issues.
4. When connecting a DANTE-12GAM to a 2110-30 source using Dante Domain Manager (DDM), ensure the "RTP Prefix V4" value matches the second octet of the 2110-30 multicast address. For example, if your 2110-30 source is at 239.69.1.1 port 12345, set "RTP Prefix V4" to "69". You can find the "RTP Prefix V4" parameter in DDM under Domains > "YOURDOMAINNAME" > ADVANCED SETTINGS.

## 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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