

Audinate

- [Dante Controller](#)
- [Dante Virtual Soundcard](#)

Dante Controller

Dante Controller

Dante Controller provides essential device status information such as device-level latency and clock stability stats, multicast bandwidth usage, and customized event logging, for devices on a Dante network.

Product Page

<https://www.audinate.com/products/software/dante-controller>

Download

<https://my.audinate.com/support/downloads/dante-controller>

The downloads of Dante Controller are walled-off behind a user sign in area. You can use this generic login if you'd like to avoid creating an account:

Email: Password:

Dante Virtual Soundcard

Dante Virtual Soundcard

Dante Virtual Soundcard is a simple, easy-to-use software application that turns a Windows or Mac computer into a Dante-enabled device, enabling you to instantly connect to any Dante network. Dante Virtual Soundcard uses your computer's Ethernet port to communicate with other Dante-enabled devices on the network.

Product Page

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Download

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Activation

“ Each Dante Virtual Soundcard license can be activated four times before you receive the error “The license has been activated too many times” preventing further activations. { .is-info }

Networking

Dante Virtual Soundcard only works on untagged VLANs. If your network interfaces has multiple VLANs trunked, Dante Virtual Soundcard will only communicate on the untagged VLAN.

IGMP Snooping Forwards All on macOS

macOS machines running Dante Virtual Soundcard will likely lose clock-sync and mute when IGMP Snooping is engaged on many switch manufacturers. The macOS and many switch configurations do not refresh the Time-To-Live for multicast subscriptions, and thus the clock falls silent. You'll know this is the case if Dante Controller shows "Listening" status. To address this manually forward multicast traffic to the ports the Mac is using. Related to

<https://serverfault.com/questions/819793/os-x-network-stack-ignores-igmp-membership-queries>

10Gb Ethernet on macOS

Dante Virtual Soundcard (transmission) does not work on any 10Gb ethernet ports on macOS. You'll have to use a Thunderbolt to 1Gb Ethernet adaptor if you're using a machine that has a 10Gb ethernet port. <http://duc.avid.com/showthread.php?t=410371> The reason for this is the 10Gbps Ethernet port on macOS does not support PtP (Dante Clock) correctly, rendering it useless for Dante. This is an Apple hardware/driver issue which also impacts other protocols that need PtP clocking, and with nothing Audinate can do to fix it. (According to Audinate, Apple fixed this issue in macOS 12 Monterey)