

C O D A
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Dante firmware update on LINUS14D





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1. General

LINUS14D Ultimo Dante cards are connected to the device serial number. It means up till now you needed a file tied to LINUS14D serial number generated by CODA Audio which could be loaded to the device. This solution generates a delay in the update process and has been only possible via the discontinued Dante firmware update manager which could be used only on Windows OS lately.

1.1. Workaround for LINUS14D Ultimo card firmware update

Please download the latest Dante Controller version:

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

Check the implemented Help documentation for a proper network setup. It's recommended to connect one LINUS14D for the update.

Note: After the firmware update the Dante Ultimo card will not be tied to the device serial number. If you want to keep track of the LINUS14D in Dante Controller it's recommended to copy the device serial number from the "Product Version" field into the variable "Device Name" field, before the proceeding with the firmware update (example below shows an updated device).

Device Info		Clock Status	Network Status
Device Name	Model Name	Product Version	Dante Version
17030209	Linus14	1.0.0	4.2.2.3

This step can be fulfilled in the "Device Configuration":

Receive
Status
Latency
Device Config
Network Config
AES67 Config

Rename Device

Adding the serial number after the firmware update is possible, but you need to locate the device serial number manually in the LINUS14D display or on the serial number sticker located on the backside of the enclosure.

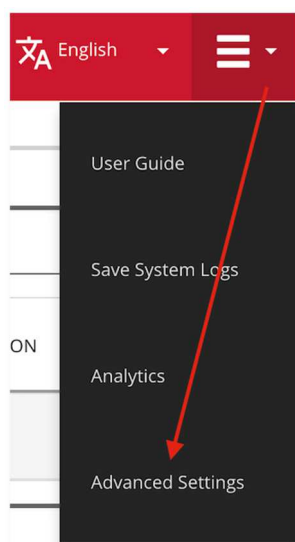


1.2. Dante Ultimo card firmware download

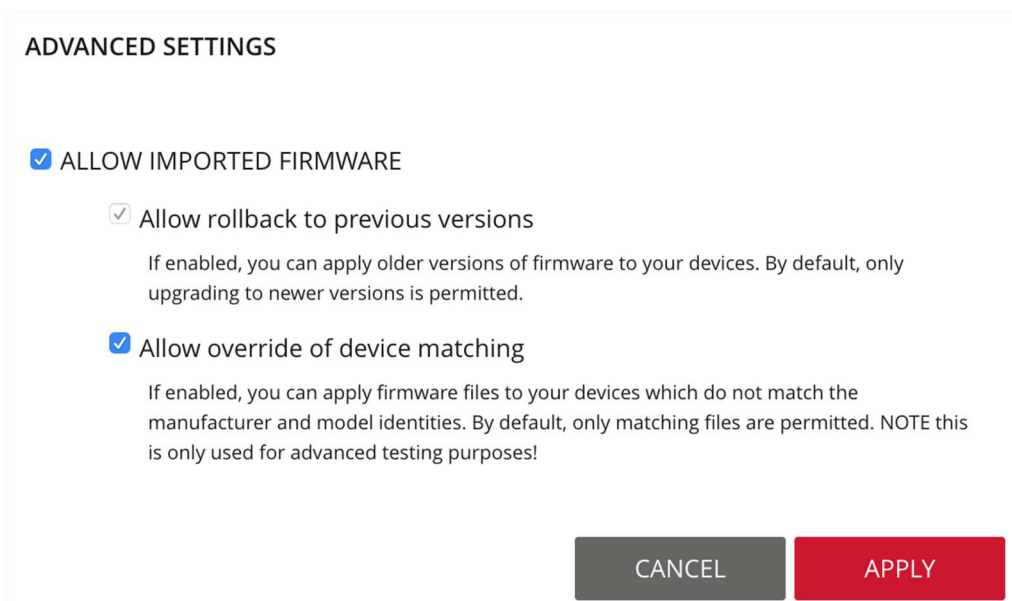
Once the Dante Ultimo card is connected to Dante Controller, launch the implemented “Dante Updater” application and accept possible warning messages:



Navigate to “Advanced Settings” in the Dante updater application:



Allow imported firmware and press “Apply”:





Navigate to “Library”, search for CODA Audio and download the firmware file:

▼ AUDINATE LIBRARY FILES

Search: coda

<input type="checkbox"/>	MANUFACTURER	MODEL NAME	STATUS	PRODUCT VERSION	DANTE VERSION	RELEASE DATE	DEVICE LAST DISCOVERED
<input type="checkbox"/>	Coda Audio	Linus14	OK	1.0.0	4.2.2.3	Sun, Aug 1, 2021	

DOWNLOAD FIRMWARE DELETE ALL DOWNLOADS CLEAR DISCOVERED DEVICES

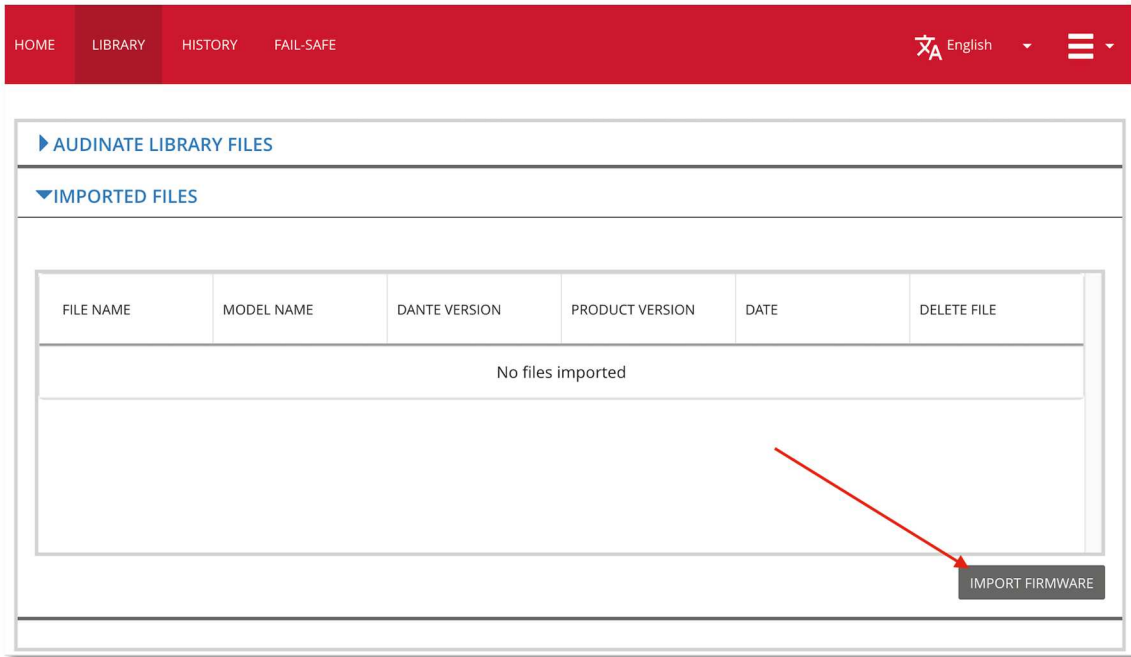
▶ IMPORTED FILES

1.3. Importing firmware file

Unfortunately, the Dante updater does not detect the downloaded file automatically. It means that you need to locate the downloaded file and import it manually.



Navigate to “Imported Files” and press “Import Firmware”:



Locate the downloaded FW file on your computer:

Win: Users/YOUR USER NAME /AppData/Local/DanteUpdater/User Data/Default/dnt_cache

Mac: /Users/YOUR USER NAME/Library/Application Support/Dante Updater/Default/dnt_cache

The file should be named as follows:

18f7f64f96e59b2c80b4b33b74511c4fd3c0c5d68ab8f671cd8d41e88fc1f762.dnt

The firmware file is now implemented:



HOME LIBRARY HISTORY FAIL-SAFE English

▶ AUDINATE LIBRARY FILES

▼ IMPORTED FILES

FILE NAME	MODEL NAME	DANTE VERSION	PRODUCT VERSION	DATE	DELETE FILE
18f7f64f96e59b2...	Linus14	4.2.2.3	1.0.0	Wed, Sep 29, 2021	

IMPORT FIRMWARE

1.4. Upload firmware file

Navigate to “Home” and choose “Imported Firmware Files”. The connected device will be recognized. Firmware update is now possible by clicking on “Update Firmware”.

Device after firmware update:

HOME LIBRARY HISTORY FAIL-SAFE English

▶ UPDATE(S) AVAILABLE

▼ IMPORTED FIRMWARE FILES

DEVICE NAME	MANUFACTURER	MODEL NAME	PRODUCT VERSION	DANTE VERSION
▼ 17030209	Coda Audio	Linus14	1.0.0.0	4.2.2.3

Device Info: IP Address: 169.254.74.13
 MAC Address: 00:1D:C1:90:0D:49
 Reboot Device: **REBOOT**

Imported firmware available for this device:

FILE NAME	PRODUCT VERSION	DANTE VERSION	ACTION
18f7f64f96e59b2c80b4b...	1.0.0	4.2.2.3	RELOAD

UPDATE SELECTED DEVICES



Note: Dante Updater and Dante Controller applications need to be closed after the firmware update of one device and opened again for the next device update!