



FERROFISH
advanced audio applications

Firmware Update Process: A32 (Dante) & Pulse16 (MX/DX)

English

Ferrofish A32 and A32 Dante Firmware Versions:

A32 / Pulse16 (MX):

1. Main Firmware Update (via USB or MIDI port and PC Updater App)

A32 Dante:

1. Main Firmware Update (via USB or MIDI port and PC Updater App)
2. Dante Board Firmware (.dnt file) - Update via ethernet and „Dante Firmware Update Manager“ application (PC and Mac)

Main Firmware Update via USB

(Remark: All Pulse16 have no USB port, so the update can only be done via the MIDI port.)

The main CPU firmware can be updated to add new features and bugfixes. This firmware update affects all the main functions of the device except all Dante functions and features. If you own a version without Dante, you just need this update. You can download it from:

<https://ferrofish.com/support/downloads/>

Download the .exe file containing the PC updater program and install the software. This updater is currently available for PC only. If you're using a Mac, please use „Bootcamp“ or „Parallels“ to run the updater App.

Connect the device using USB or MIDI with your computer. When using the USB port, wait until Windows recognized and initialized the device as a „class compliant MIDI device“. The drivers are included in the OS already.

Start the firmware update from the start menu now. Then choose the MIDI In and MIDI Out ports of the device, the entries have to be highlighted blue. Press „connect“ and start the update. When the update is running a process bar will show the status. While the update is running, do not disconnect the device from your computer and don't switch off any device. The main firmware can only be done by USB.

A32 Dante Only - Upgrade the Dante Boards Firmware via Ethernet

In addition to the main firmware a A32 Dante and Pulse16 DX feature a Dante board with it's own firmware. This can only be updated using Audinate's „Dante Firmware Update Manager“ (PC and Mac):

<https://www.audinate.com/products/firmware-update-manager>

Download the latest firmware file for the Dante board at:

<https://ferrofish.com/support/downloads/>

This file must be loaded with the „Dante Firmware Update Manager“ to start the update process. Then follow the instructions of the updater. After the update has finished, your Dante board is up to date. Updating the Dante boards firmware can only be done using an ethernet connection.