Hypex Filter Design installation and Hypex FusionAmp Firmware update tutorial

PLEASE NOTE
■ The explanations in this manual assume that you have a working knowledge of your Windows® computer.
■ For information on your operating system, please refer to your operating system manual or the online Help function.
■ The explanations of screens and procedures in this manual are primarily for Windows 10® in Windows environments. The screens may vary depending on the version of the operating system.
■ This manual is an independent publication and is neither affiliated with, nor authorized, sponsored, or approved by, Microsoft Corporation.

SOFTWARE LICENSE
The SOFTWARE LICENSE acknowledgement will appear when you install the software. By using all or any portion of the software in the machine, you are agreeing to be bound by the terms of the SOFTWARE LICENSE.

BEFORE INSTALLING THE SOFTWARE
■ Description
Hypex Filter Designer (HFD) is a program to configure Hypex Electronics B.V. DSP modules.
■ Software
Software and documentation can be found and downloaded at www.hypex.nl.
■ Connecting device
For connecting and operating your device, consult the specified device manual.

CONTENT   **Page**

Hypex Filter Design installation and Hypex FusionAmp Firmware update tutorial

1: Software download

■ Step 1

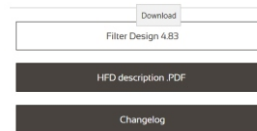Goto www.hypex.nl and select Software in the tab Products.
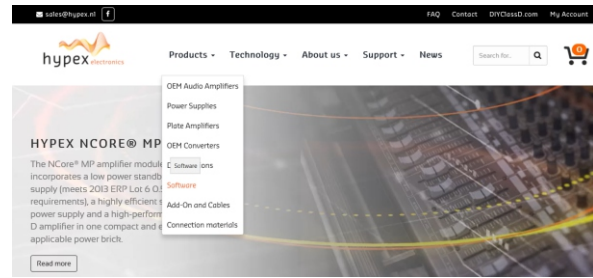
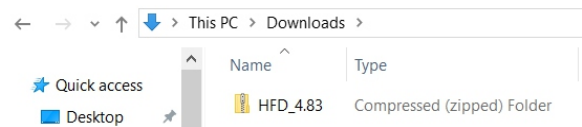**■ Step 2**

Select Hypex Filter Design.

■ Step 3

Select Filter Design x.x and follow the download instructions from your webbrowser.
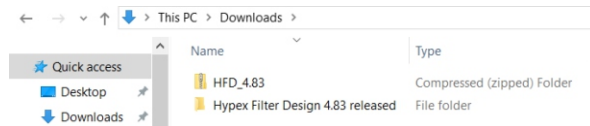
■ Step 4

Open the download location with Windows File Explorer and locate the compressed HFD-file.
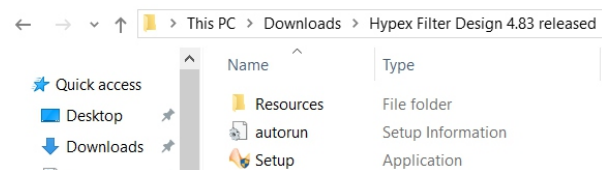
■ Step 5

Unpack the file.

2: Software installation

■ Step 1
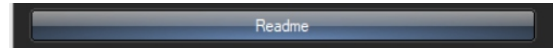
Open the unpacked folder and run **Setup**.

Hypex Filter Design Installer will then prompt.

Hypex Filter Design installation and
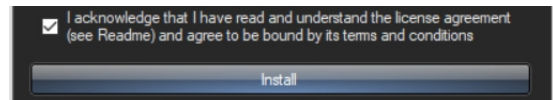# Hypex FusionAmp Firmware update tutorial

■ Step 2
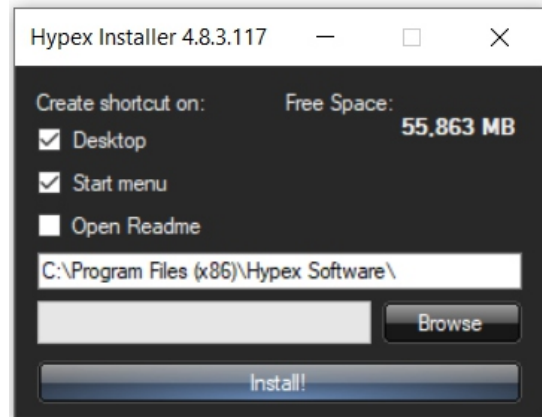Press **Readme** button to view release notes and additional information.

Readme

■ Step 3
Select the checkbox to *agree* and press **Install** button to proceed.

☑ I acknowledge that I have read and understand the license agreement
(see Readme) and agree to be bound by its terms and conditions

Install

■ Step 4
Select preferences, choose software destination and press **Install!** button.

Hypex Installer 4.8.3.117 — ☐ ✕

Create shortcut on: Free Space:
55,863 MB
☑ Desktop
☑ Start menu
☐ Open Readme

C:\Program Files (x86)\Hypex Software\

Browse

Install!

■ Step 5
Press **Yes** button to end the installation process and proceed to run HFD.

Run Application? ✕

❓ Installation of Hypex Filter Designer succeeded!
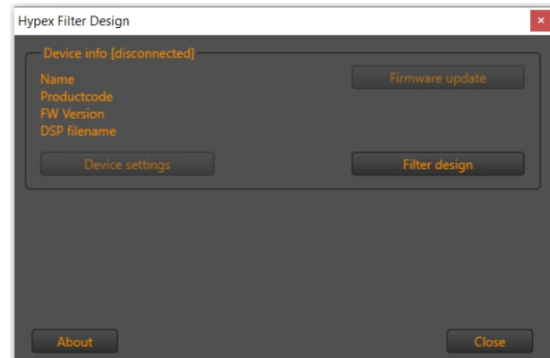Run now?

Yes   No
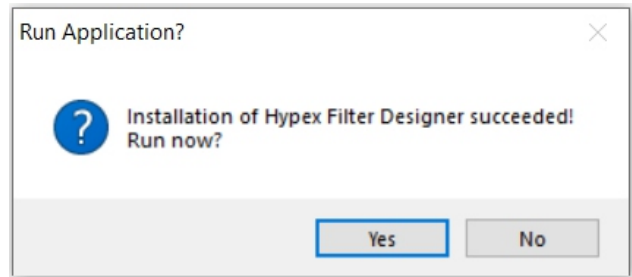
Hypex Filter Design installation and Hypex FusionAmp Firmware update tutorial

3: Run program and connect FusionAmp
🟧 Step 1
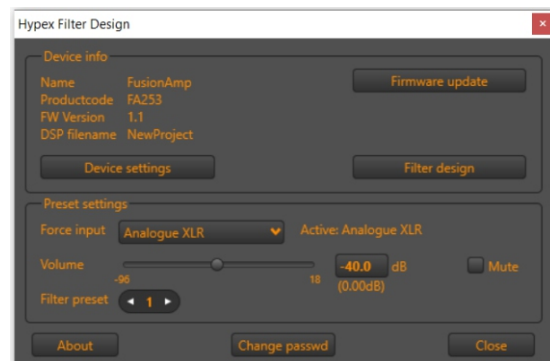Locate HFD or the shortlink and execute HFD.
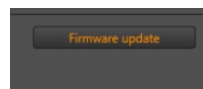
🟧 Step 2
Connect the FusionAmp with USB.

🟧 Step 3
Power on the FusionAmp.
HFD automatically detects the device and displays
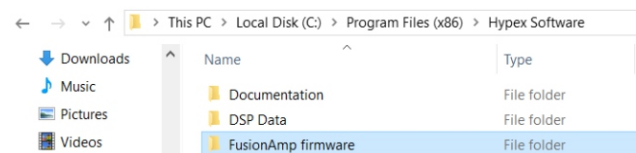the current firmware version in Device info.

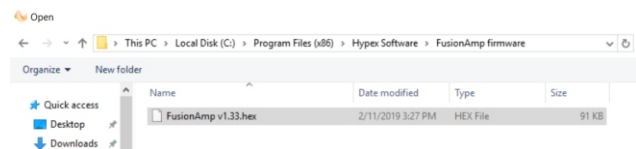## 4: Firmware Update
🟧 Step 1
Press the button Firmware update.

🟧 Step 2
The firmware* can be found in the folder
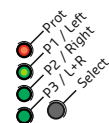FusionAmp Firmware.

Select the file and press **Open**.

* Note: Check for the latest version our website: Locate
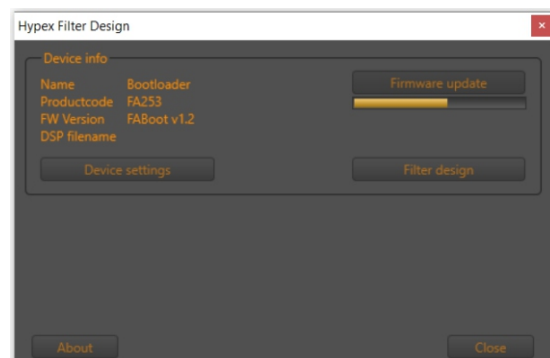your product and select the Downloads tab for
additional files.

🟧 Step 3

HFD automatically updates the firmware on the
device.

The lights on the FusionAmp
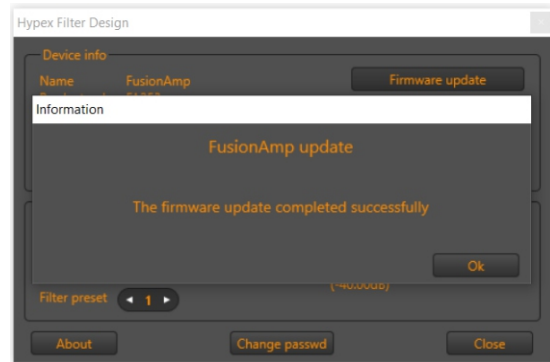(Prot and P1) will blink during
this process.

! Don't shut down or disconnect the usb-cable.
This could damage the FusionAmp!

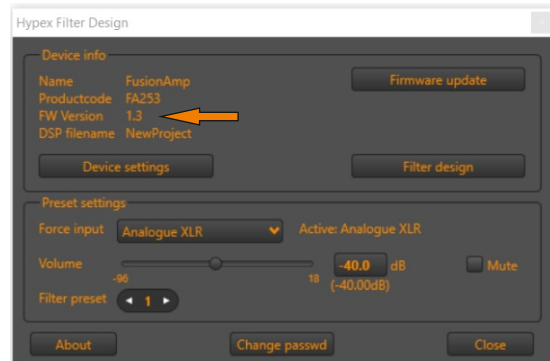# Hypex Filter Design installation and Hypex FusionAmp Firmware update tutorial

■ Step 4

The FusionAmp automatically reboots when updating is completed.
Press Ok to finish the process.

5: Update complete

Confirm : When the update process is succesfully executed the new firmware version is shown in HFD.

Power off/on:
In case of a Master/Slave configuration please follow step 1 to 4.
In case of a single FusionAmp execute only Step 2 and 4.

■ Step 1
Power down the Slave.

■ Step 2
Power down the Master and wait at least 5 seconds.

■ Step 3
Power up the Slave.
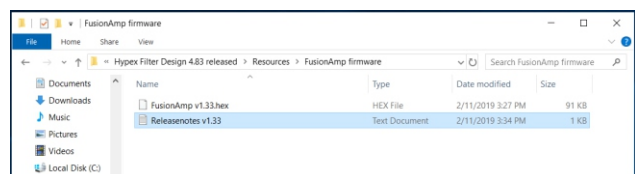(This is nesessary for the Master to be able to detect the Slave and configure its settings).

■ Step 4
Power up the Master.

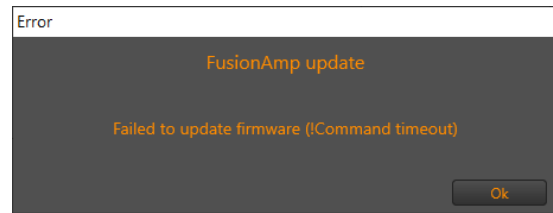## Note:

Release notes can be found in the same folder as the firmware:

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6: Troubleshooting

The next message is displayed in case of an error during the update process.

When the device name is Bootloader after turning on or reconnecting, the same error occured.

In this case, the FusionAmp is not broken;
it will not function, however the firmware can still be re-installed.

Execute chapter 4 on page 4 in order to (re-)install the firmware to fix it.