Software Upgrading Aavik Streaming Amplifiers

This document describes installing software upgrades on the Aavik streaming amplifiers. These upgrades provide various bugfixes.

Upgrading Streaming Firmware

Switch on the amplifier.

Enter the menu using either the remote control (press the menu button), or by pressing and holding the front panel menu button, until the display changes to "Display brightness".

Navigate through the menu until you reach "Network status", by pressing the ◄ button on the remote several times, or by pressing the front panel menu button several times. The bottom line of the display should read either "LAN connected" or "WiFi connected". If this is not the case, you have to get the network connection working, before you can proceed.
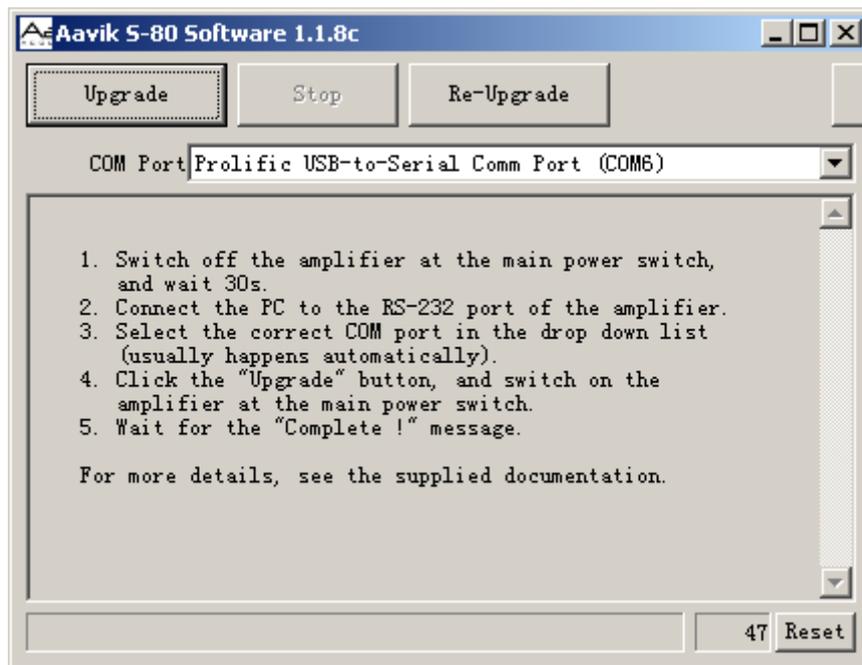
Navigate more steps through the menu, until you reach the "Firmware update" screen. Now press ▲ on either the remote or front panel, to scan for updates. If an update is found, press the ▼ key to install. The display will show either "Downloading" or "Upgrade starting" (depending on the software version) while the update is being downloaded, and then show the upgrade process. After reaching 100%, the streamer will reboot. DO NOT TURN OFF THE STREAMER DURING FIRMWARE UPGRADE!
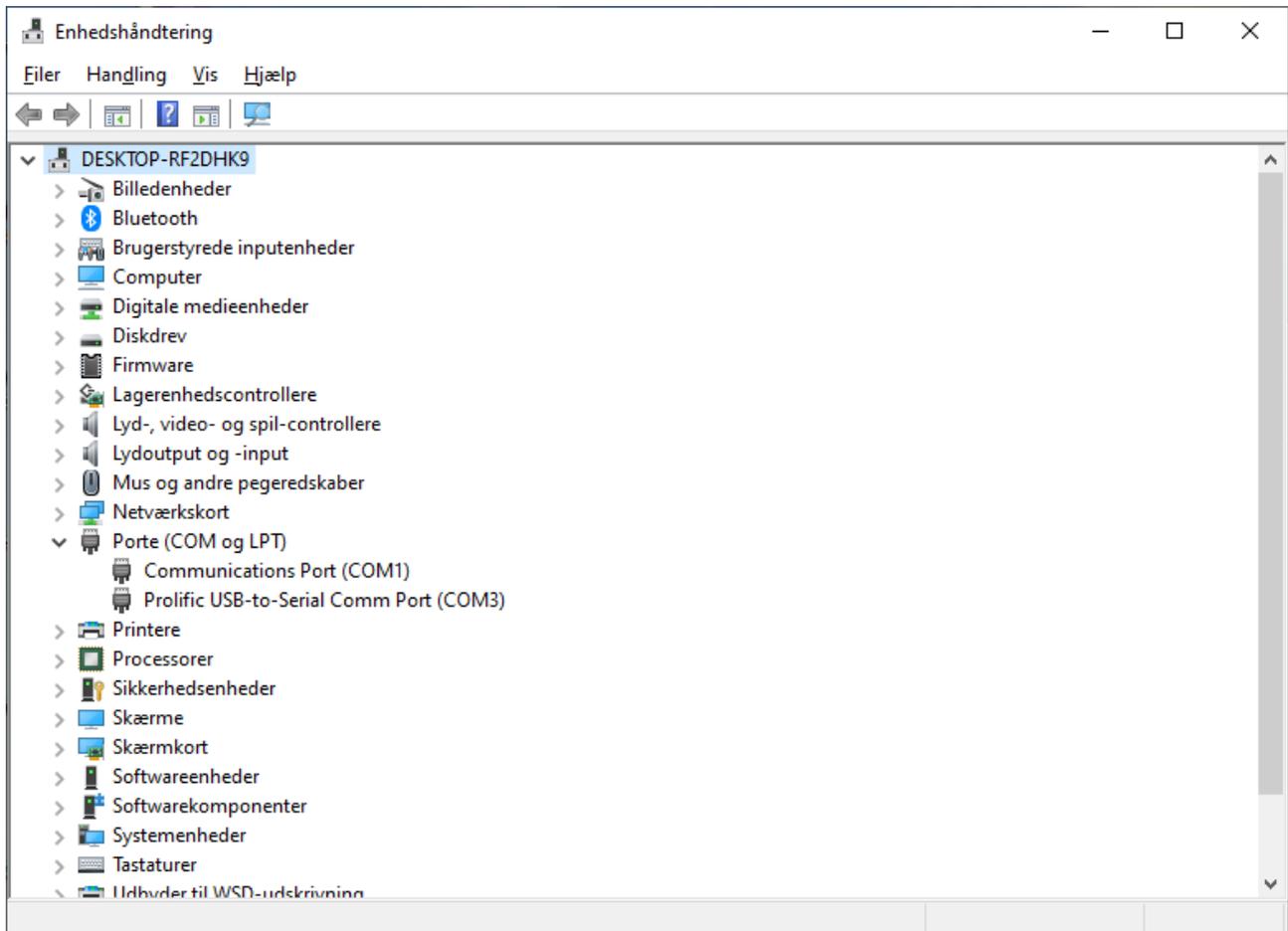
Control Software Upgrade

You will need a Windows PC (Windows XP or later), or Wine on Linux, and either a DE-9 male to female serial cable (if the PC has a built-in serial port), or a USB to serial converter cable.

Now connect the RS-232 port of the amplifier to the PC using either a straight through DE-9 male to female serial cable, or a USB to serial/RS-232 cable. If you have never used the USB to serial cable before, Windows may prompt you for drivers. These should be supplied with the cable if needed.

Run the upgrade software you downloaded previously (a file named Ux88_xxx.exe or similar, with xxx being the version number).
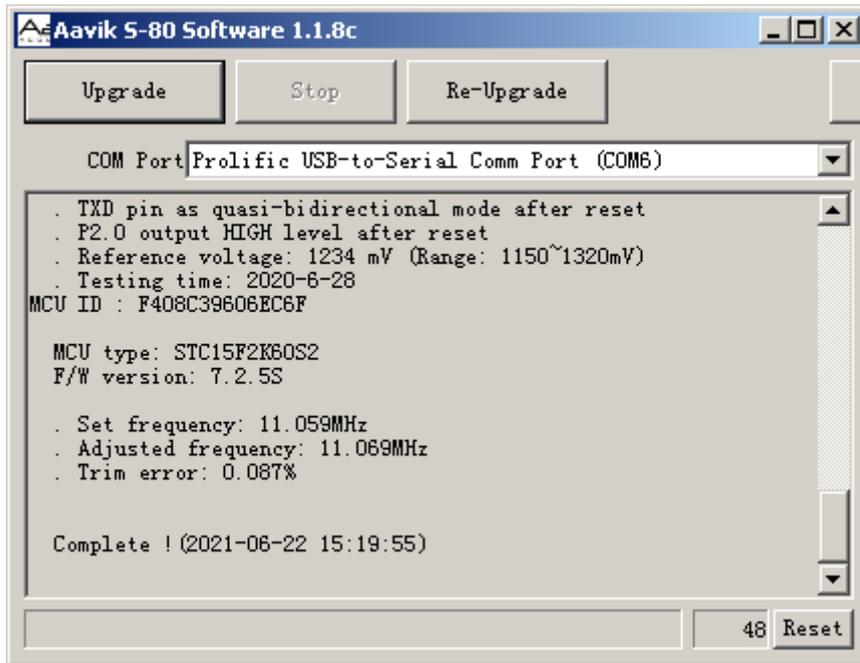

The "COM Port" drop-down list usually select the correct serial port automatically. You can find a list of serial ports in your PC by using "device manager"

To upgrade the amp software, turn off the amp on the back panel power switch, and leave

it off for 30 seconds. Now press the "Upgrade" button in the upgrade software window, and switch on the amp main power approx. 2-3 seconds afterwards. Now the software should get upgraded, and the "Complete" message should appear in the software message area.

If you see a message like "Download failed", switch off the main power for 30 seconds and start over. When you get the "Complete" message, the upgrade process is complete, and you can switch off power and disconnect the serial cable.