

## **Software Upgrading Aavik Amplifiers**

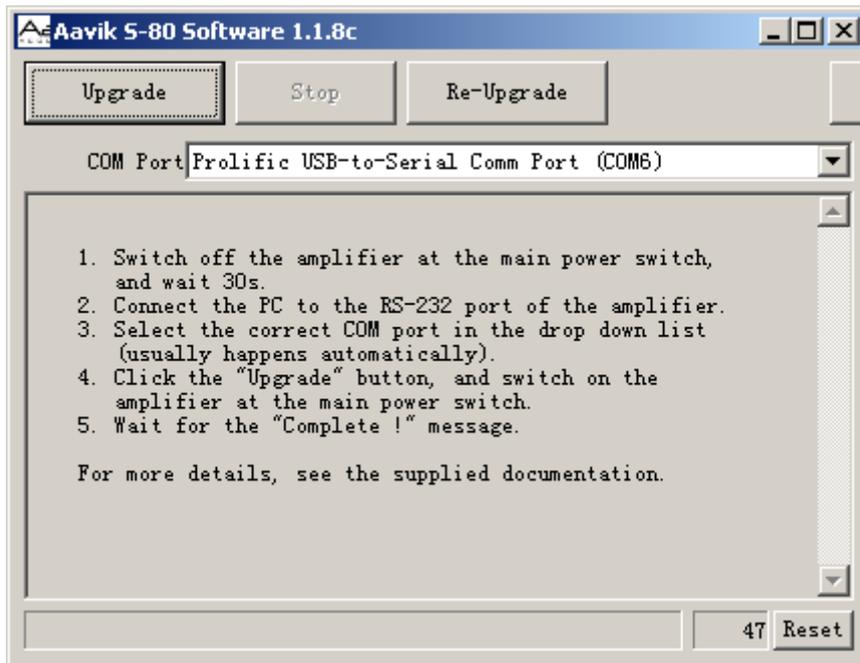
This document describes installing software upgrades on the Aavik amplifiers. These upgrades provide various bugfixes.

### **Control Software Upgrade**

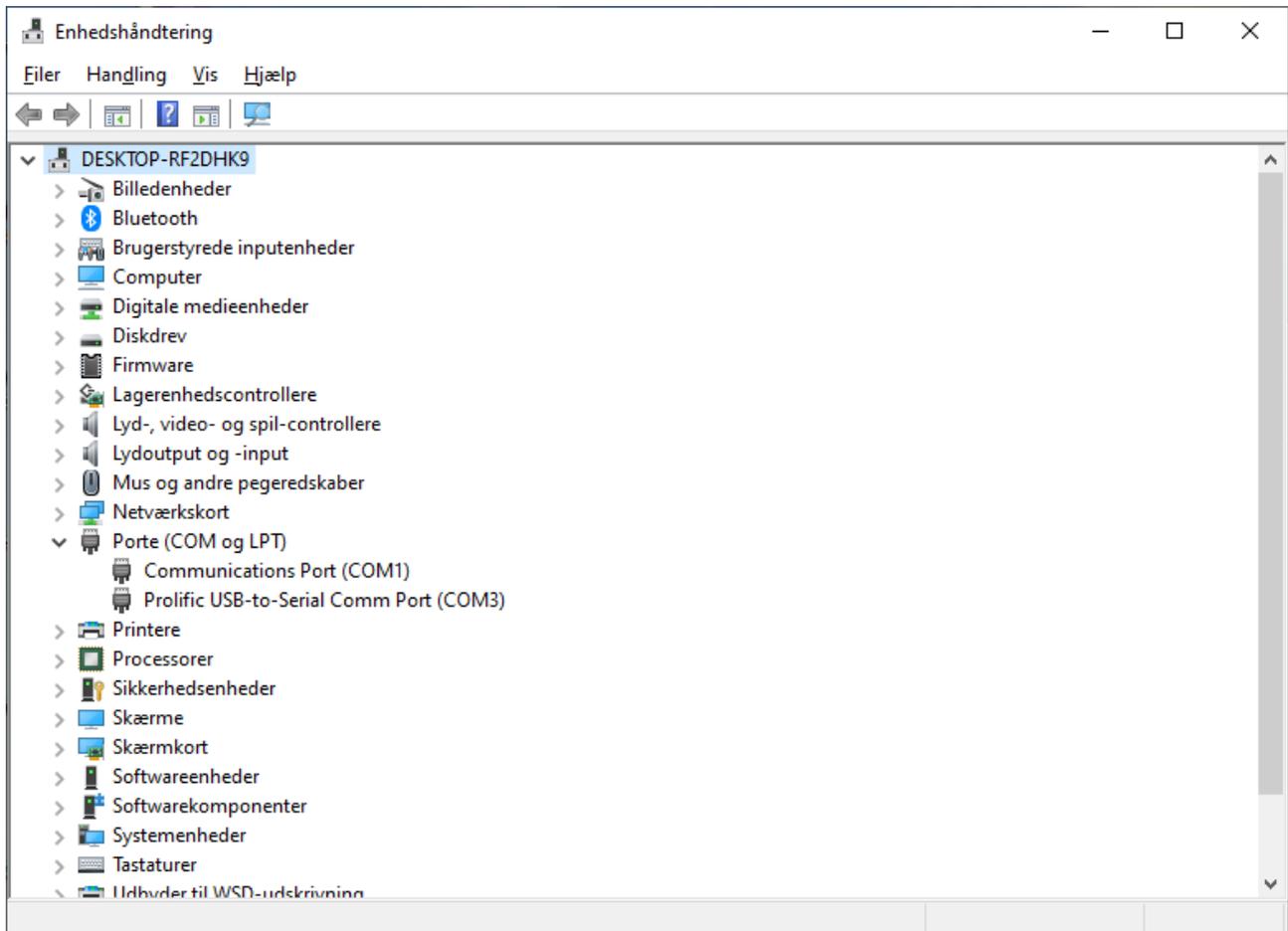
You will need a Windows PC (Windows XP or later), or Wine on Linux, and either a DE-9 male to female serial cable (if the PC has a built-in serial port), or a USB to serial converter cable.

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 lx88\_xxx.exe or similar, with xxx being the version number).

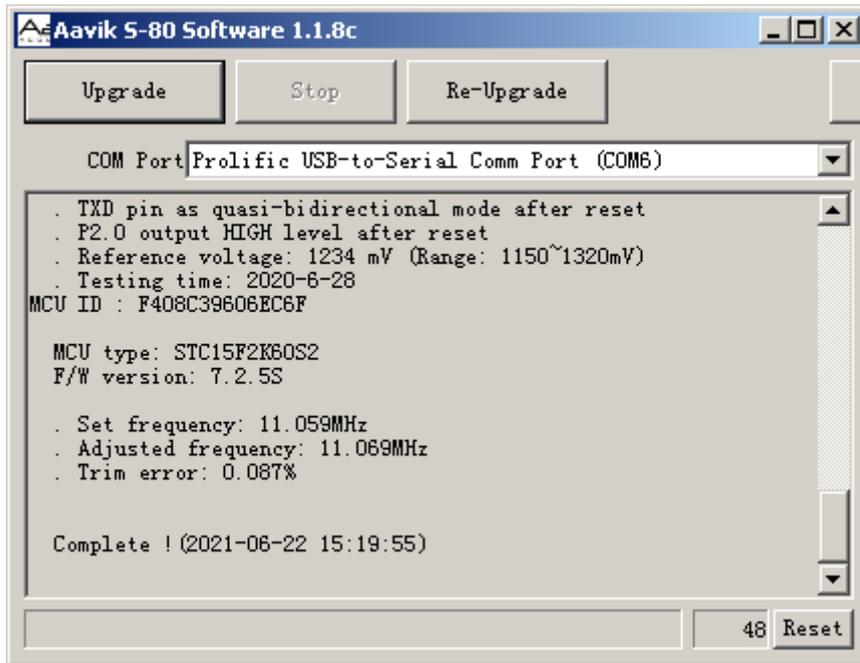


The "COM Port" drop-down list usually select the correct serial port automatically. You can find a list of serial ports in your PC by using "device manager"



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.

