



for d8bSystems

Ultimate DAW Solution for **d8b Mixers**



Firmware update manual
V1.0

Contents

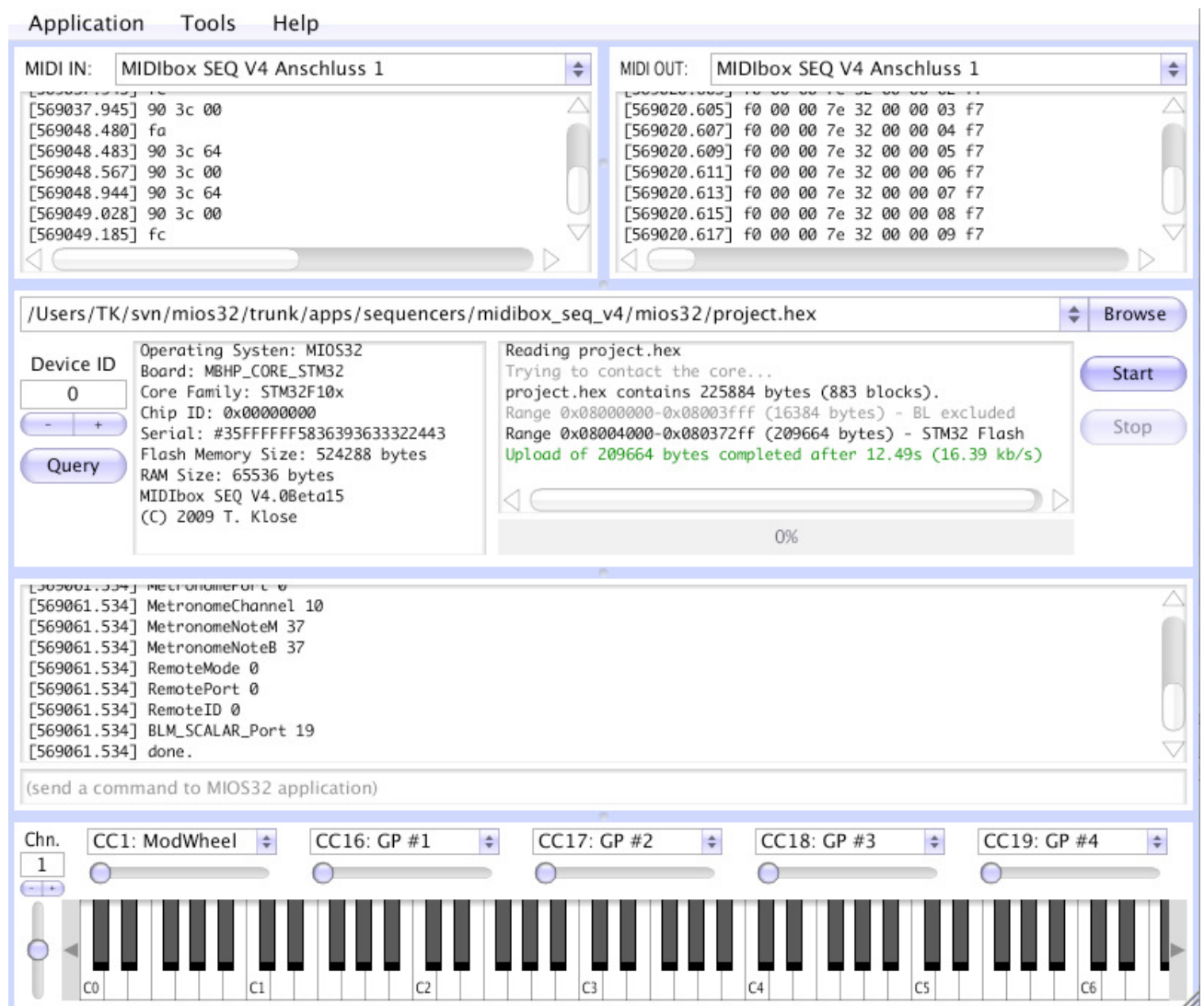
1	Firmware update.....	3
1.1	Update via MIOS Studio (Linux,MacOs, Windows)	3
1.2	Update via ST Tool (only Windows).....	4
2	Warranty.....	7

1 Firmware update

The probobox can be updated via Linux, Windows or MacOS.

1.1 Update via MIOS Studio (Linux, MacOS, Windows)

NOTE: Update on windows can sometimes fail. Then it is not possible to update the ProBox again with this tool. In that case you have to use the ST update tool on the other USB port (see 10.2).



- Unzip the archive that suits for your OS
- Run the MIOS Studio for your OS.

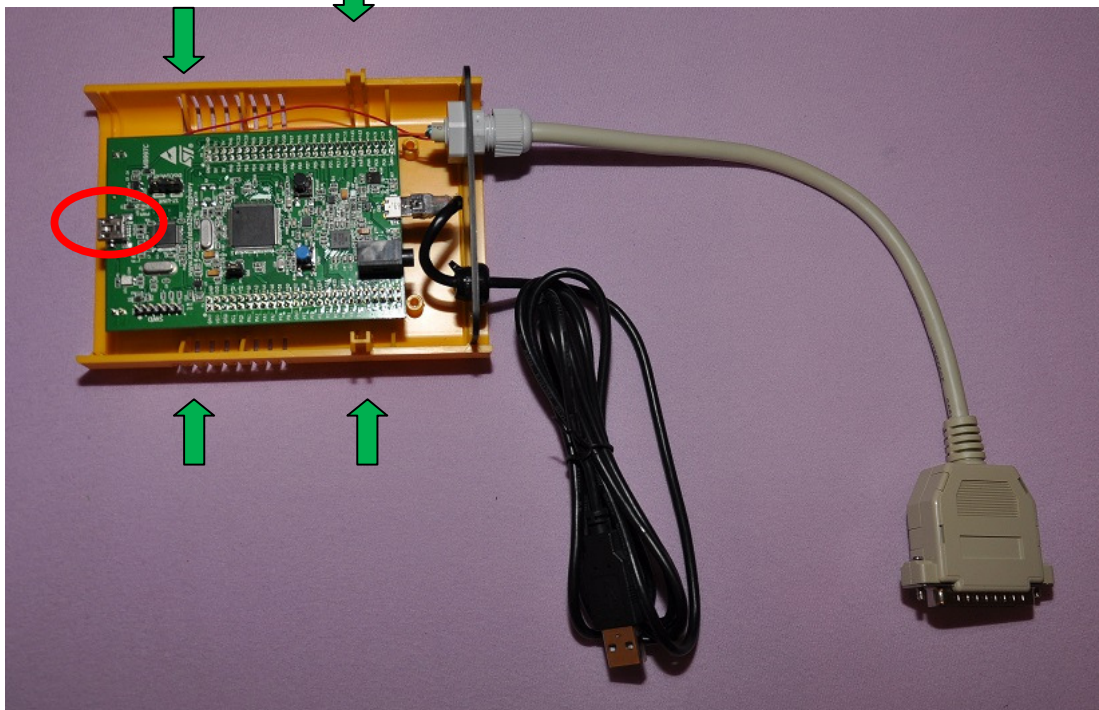
- Select the Probox USB port 0 / generic (for MIDI in and MIDI out). That's important, other USB ports are not for update
- The Probox should be autodetected, if not press query to rescan the probox
- Press browse to search for the firmware file (hex file).
- Press Start to upload your firmware
- After upload is finished your probox is updated. For windows: If you get an error message (red line) reprogram your probox with the ST Tool (see 10.2)

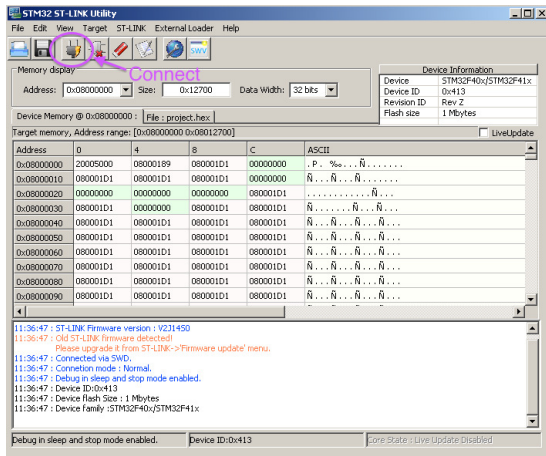
1.2 Update via ST Tool (only Windows)

First you have to install the ST USB driver to access the probox via the other USB port.

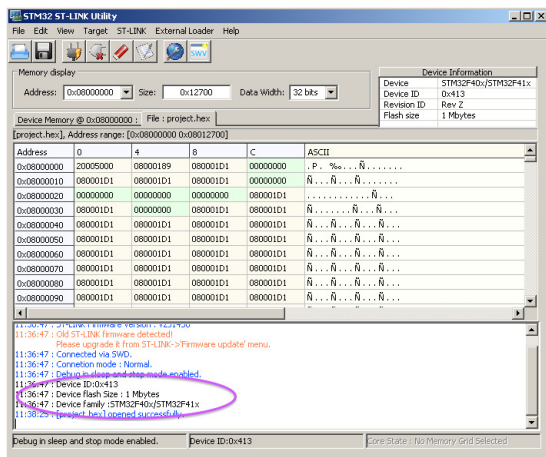
open your Probox by pressing the case clips (4x) at the side (green arrows).

Connect the other USB port (red circle) to your windows PC (**DO NOT CONNECT THE SECOND MCU USB PORT**). therefore you have received a second USB cable.

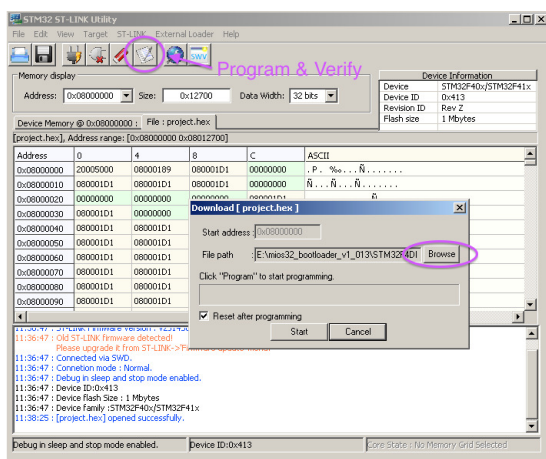




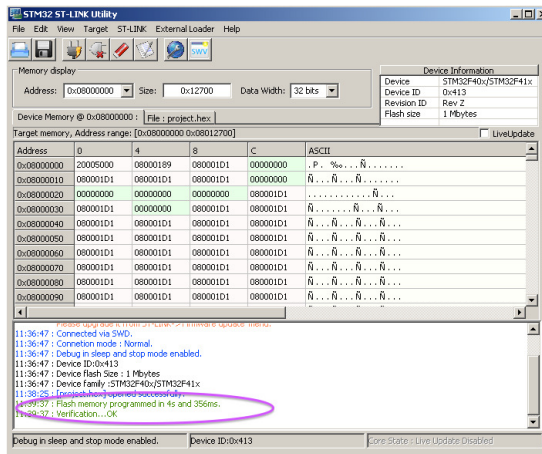
After the Probox is connected to your PC, the driver has been installed, and the ST-LINK utility has been opened, try to connect to the ST-LINK by pushing the appr. button.



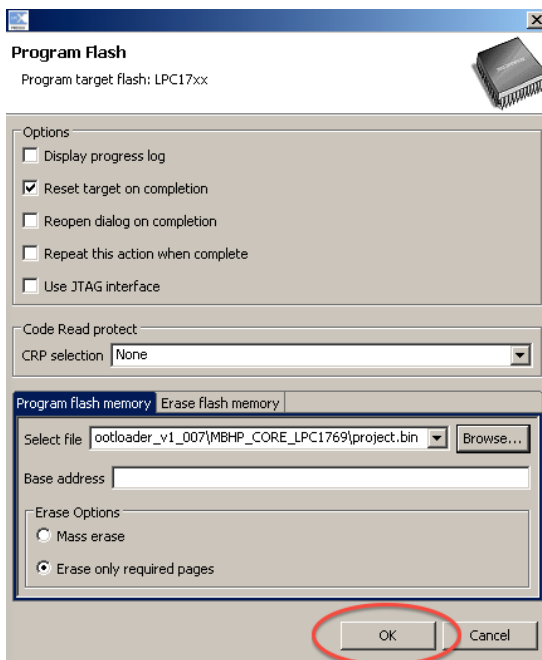
The target device should be displayed.



Click on the small "Program and Verify" icon



Click on the "Browse" button and search for the new firmware d8b.hex binary.



Click on the "START" button to program the firmware into the flash. The "Verification...OK" message should be displayed -> success! :-)

2 Warranty

As this is a non commercial product I can give you no warranty. But I will help you with your problems and support firmware updates if necessary.

Every ProBox that is delivered is tested for their 100% functionality. How is this done?

I've developed a testprogram that checks all communication commands on all four USB ports and the serial connection to the d8b console. E.g. if you press a button on your d8b it sends out a command via the serial connection to the probbox. The probbox translates that to a midi command on USB1-4 and sends this out. All commands that were supported by the ProBox are checked via this testprogram for every single command. So you can be sure that you received a 100% working unit.