

Wode Brick Recovery

This document describes how to recover a Wode main board that has been “bricked” by a bad flash

Parts Required

- Wode Factory Programmer
- PC with 1 free USB 2.0 port
- SD card
- SD card reader

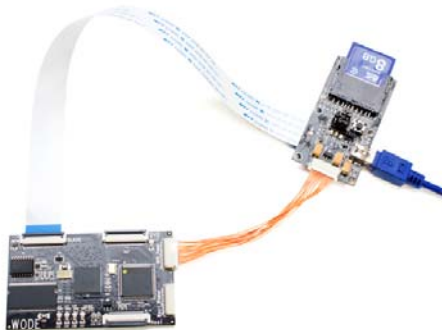
Software Required

- Windows XP (not tested on Vista or 7 but should work)
- NXP DFU application
- NXP DFU drivers
- Wode DFU file (called wode.dfu)
- Wode install package (called install.bin)

Connecting Wode to the Programmer

Use a Wode-DVD power cable to connect the programmer board to the Wode DVD power connector

Use a 32 way flat cable to connect the programmer board to the Wode Slave connector



Preparing the SD card

Copy the file “install.bin” file to the root of the SD card and insert it into the Wode programmer's SD slot

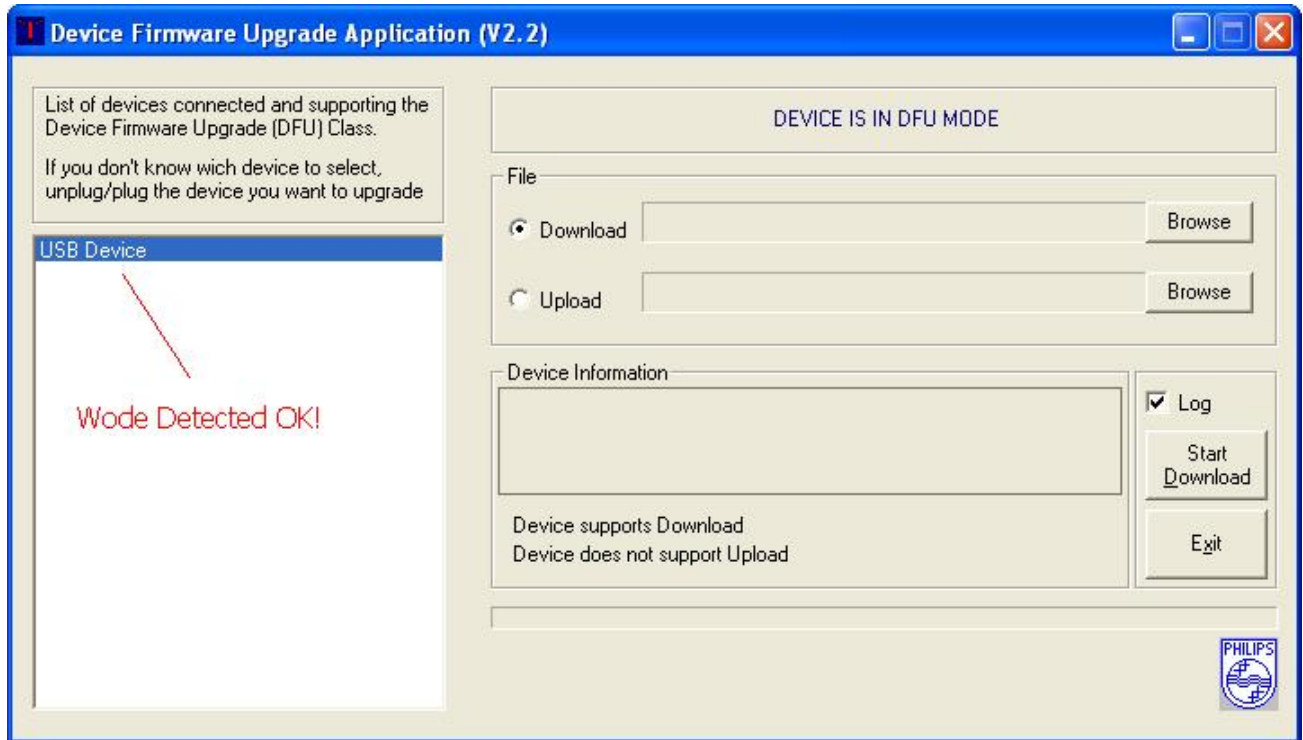
Connecting the Wode Programmer to a PC

Connect the Wode programmer to a PC with a USB cable.

The first time you do this Windows will ask for drivers for a “USB Device with DFU Capabilities”, these are located in the “DFU/Driver” directory.

Programming the Wode

Start the NXP DFU application, it will detect the Wode



Ensure the NXP DFU application is setup for File Download, click the Browse button and select the Wode DFU file.

To start the programming process click on the Start Download, the NXP DFU application will download and start the Wode DFU file. A warning may be displayed by the NXP DFU application, this can be safely ignored.

Wode will now start the recovery process. After 2-3 minutes the LED DL4 on the Wode programmer will start to blink rapidly indicating the process has completed correctly.

Disconnect the USB cable from the Wode programmer before disconnecting Wode from the Wode programmer.

Wode is now reset to its initial factory condition and may be updated as usual

Trouble Shooting

Wode is not recognized by the NXP DFU application

-Check drivers are installed (LPC31xx Device Firmware Upgrade)

- Press switch S1 on the Wode programing board & repeat
- Check the connections & repeat
- RMA Wode

NXP DFU application fails to download Wode DFU file

- Press switch S1 on the Wode programing board & repeat
- Check the connections & repeat
- RMA Wode

DL4 blinks once or twice

- Check the file update.bin on the SD card & repeat
- Take a different SD card & repeat

DL4 blinks three times or more

- RMA Wode