

iD100 Upgrade Procedure – Windows 7

The iD100 firmware version can be found by connecting your iPod and looking in the 'About' menu of the iPod



iPhone 'About' menu



iPod Classic 'About' menu

1. Download, save and run FLIP 3.4.5 for Windows from the following location...

http://www.atmel.com/dyn/resources/prod_documents/JRE%20-%20Flip%20Installer%20-%203.4.5.106.exe

Click through the installation of FLIP, making a note of the install location/path (this is required for step 4, and by default will be in C:\Program Files). Once FLIP is installed, you can click 'Finish' and allow it to close.

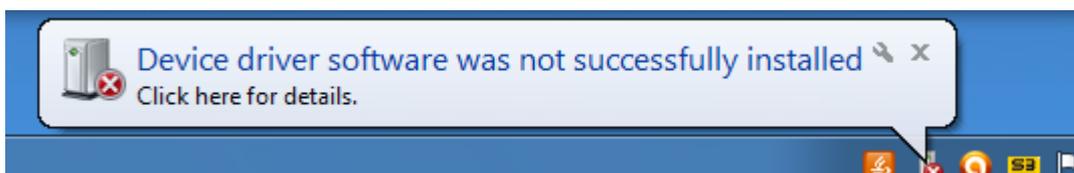
2. With both the iPod and power supply disconnected from the iD100, connect the iD100 to the PC via a USB cable. **(Ensure iPod is removed!)**
3. Using the point of a pen/paper-clip (or similar), hold down the update button (shown below) on the rear panel of the iD100 and insert power connector, then release update button. The unit will now be in 'bootloader' mode



Note that no LED on the front panel will be illuminated in when the iD100 is in bootloader mode

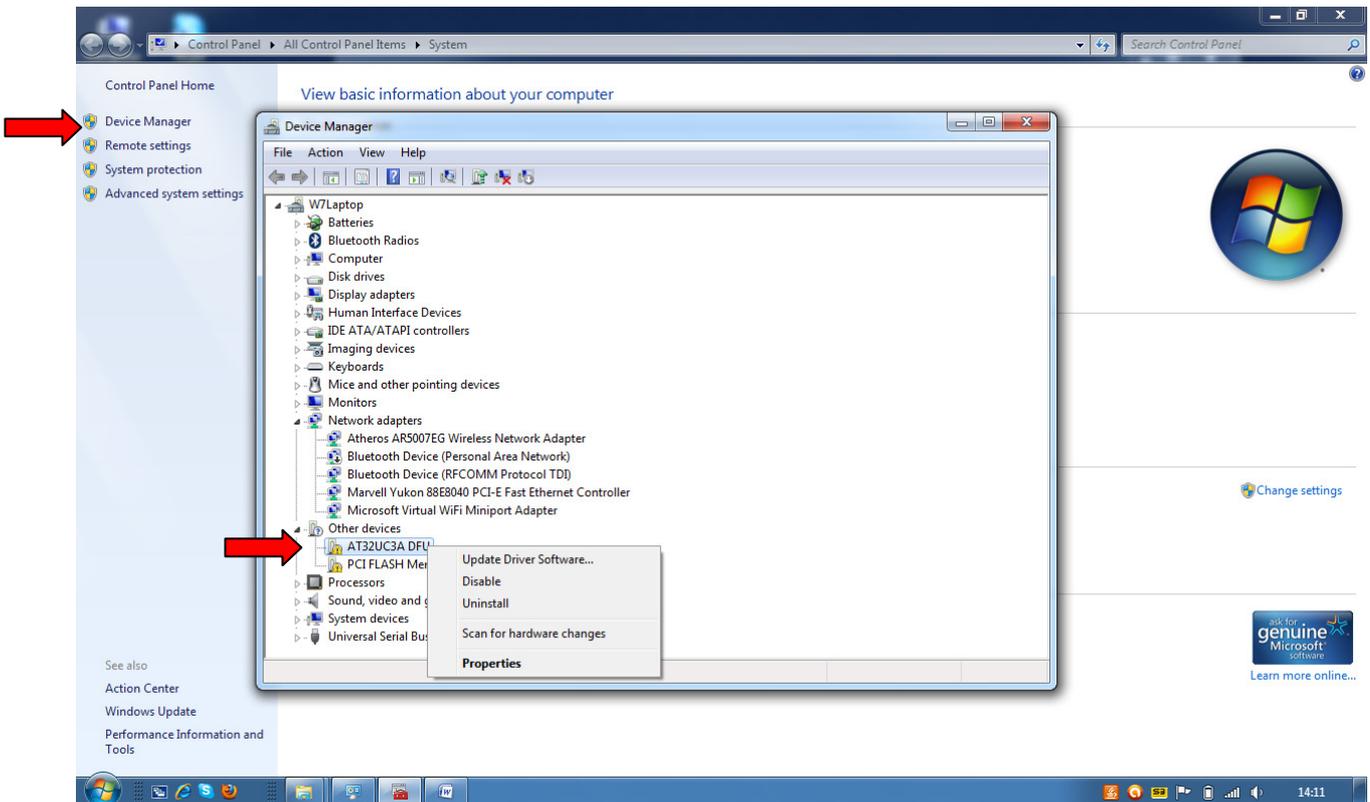
If no error message appears, go straight to step 5.

4. Windows 7 may now generate the following message;

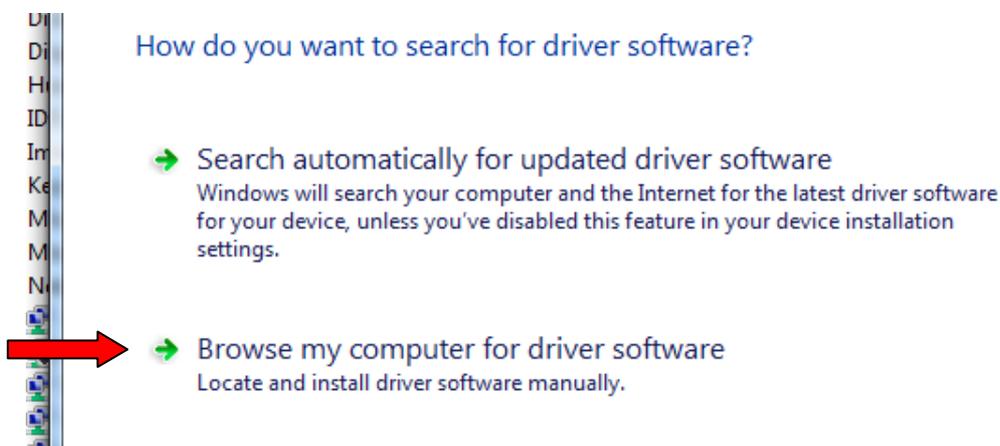


If you get this 'Device driver software was not successfully installed' message, then right click on Computer (on the Desktop) and select Properties.

Then open up Device Manager and scroll down to 'Other devices' until you see AT32UC3A DFU. Right click this and select 'Update Driver Software'

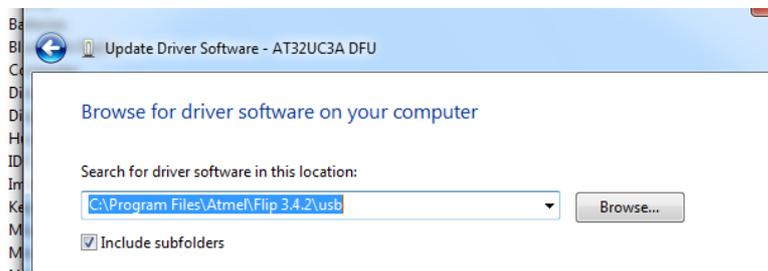
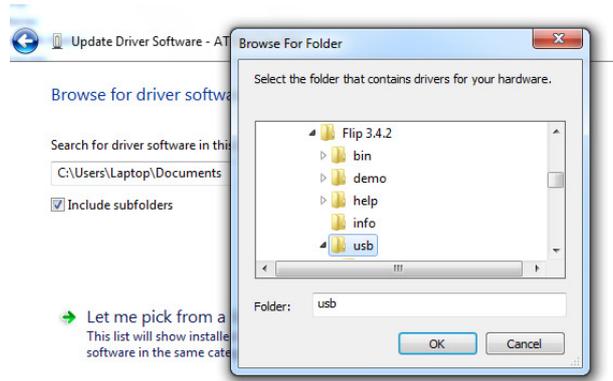


You will then be asked how you want to select for the driver software. Select 'Browse my computer for driver software'.



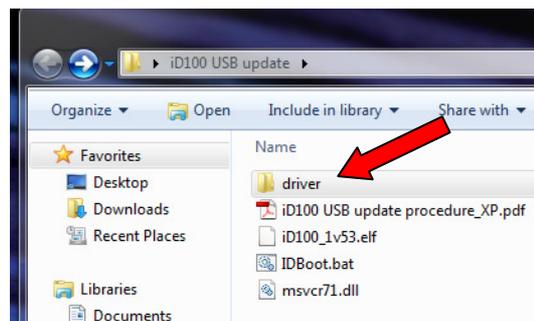
Now browse to and select the Flip install path (from step 1).

By default, this will be: C:\Program Files\Atmel\FIip 3.4.5\usb (64-bit Windows 7 users, please see **red** below)



If you are using 64-bit Windows 7, this driver will not work.

64-bit Windows 7 requires a different driver, so 64-bit users should use the unzipped 'driver' folder (included in the same zip download as these instructions) as the location



Eg. C:\Users\benb\Desktop\iD100 USB update\driver

Once you have selected the correct location, select Next and OK until you should get the following screen;

Windows has successfully updated your driver software

Windows has finished installing the driver software for this device:



- Double click on the iDBoot.bat icon in the unzipped 'iD100 USB update' folder (included in the same zip download as these instructions) to download the new firmware.

A successful firmware update will look as shown below.

```

C:\Documents and Settings\nialld>cd C:\IDBoot
C:\IDBoot>IDBoot.bat
C:\IDBoot>batchisp -device at32uc3a0512 -hardware usb -operation erase f memor
rify start reset 0
Running batchisp 1.2.4 on Thu Jun 10 12:53:15 2010

AT32UC3A0512 - USB - USB/DFU

Device selection..... PASS
Hardware selection..... PASS
Opening port..... PASS
Reading Bootloader version..... PASS      1.0.3
Erasing..... PASS
Selecting FLASH..... PASS
Blank checking..... PASS      0x00000 0x7fff
Parsing ELF file..... PASS      uc3a0512-audio_player.elf
WARNING: The user program and the bootloader overlap!
Programming memory..... PASS      0x00000 0x2a96b
Verifying memory..... PASS      0x00000 0x2a96b
Starting Application..... PASS      RESET 0

Summary: Total 11 Passed 11 Failed 0
C:\IDBoot>
  
```

If you see a screen similar to the one below, the iD100 has most likely failed to enter bootloader mode. Repeat from step 3 onwards.

```

C:\WINDOWS\system32\cmd.exe - idboot - idboot - IDBoot.bat - idboot
C:\Documents and Settings\nialld\Desktop\IDBoot_1v5alpha>idboot
C:\Documents and Settings\nialld\Desktop\IDBoot_1v5alpha>echo off
Running batchisp 1.2.4 on Tue Mar 01 11:02:31 2011

AT32UC3A0512 - USB - USB/DFU

Device selection..... PASS
Hardware selection..... PASS
Opening port..... PASS
FAIL Could not open USB device. AtLibUsbDfu: 3EB 2FF8 no device present.
ISP done.
C:\Documents and Settings\nialld\Desktop\IDBoot_1v5alpha>
  
```

- Once the iD100 has successfully updated, power cycle the iD100 (remove and re-insert power connector). After power cycling, the blue LED should illuminate and it is now ready for use.

Note. You can check that the firmware version is updated by looking in the 'about' menu of the connected iPod.



iPhone 'About' menu