



Installing new software on the ZYYX 3D Printer

Download

Download the latest "ZYYX_Firmware_rZxxx.zip" from our website and unzip the files to a folder on your desktop.

Install Serial Port Drivers

The first time upgrading your ZYYX 3D Printer you will need to install Serial Port Drivers.

If you are running Windows 8 you will need to disable Driver Signature enforcement before installing the Drivers. Look at page 2 of this document for the instructions.

If you are using Windows Vista or Windows 7 the above is not needed.

Open the unzipped folder and open FTDI USB Drivers,

Double click the dpinst32.exe if you are using a 32-bit Windows version

Double click the dpinst64.exe if you are using a 64-bit Windows version

Answer yes or "Install this driver anyway" repeatedly until the installation is complete.

Updating the ZYYX Firmware

Make sure that any applications similar to Simplify3D and Replicator G are **not** running on your computer while doing the following steps. These programs will disrupt the installation.

Connect the supplied USB cable to both the printer and your computer and power up the printer.

Start the "ZYYX Firmware Update.exe" application found in the "ZYYX Firmware Update" folder. The application will auto detect the ZYYX Printer, if not check that the USB Cable is connected and that the printer is powered then press "Refresh" to find the correct port.

Select "Browse" in the application, find and select the firmware file, the .hex file, included in the unpacked files.

Press "Update ZYYX Firmware", a new window will appear, follow the instructions. The Reset Button can be found next to the USB port on the printer.

Do not turn off or interrupt anything during the update sequence. You can make sure that the update was successful by going to "Utilities" on your ZYYX and then navigate to "Version Information". On the bottom row it will state "Sailfish" then a letter and number combination. This combination should be included at the end of the name of .hex file you used.

Once you have confirmed that your ZYYX has the correct firmware go to: Utilities→ Restore Settings → Yes

You have now successfully updated the ZYYX Firmware :-)

Note: This software requires you to use the latest version of Simplify 3D and the profile "ZYYX 3D Printer (V3 firmware)".

Remember that if you don't have the ZYYX Filament Monitor (the black little plastic box on the back of the printer) then you need to turn off this function in: Utilities→General Settings→ Filament Sensor→Off.

Disabling Driver Signature on Windows 8

THIS IS ONLY FOR WINDOWS 8, IF YOU ARE USING WINDOWS 7 OR VISTA, IGNORE THIS PAGE.

1. Hold down the Windows key on your keyboard and press the letter C to open the Charm menu, then click the gear icon (Settings).
2. Click More PC Settings.
3. Click General.
4. Under *Advanced Startup*, click Restart Now.

NOTE: In Windows 8.1, the 'Restart Now' button has moved to 'PC Setting -> Update & Recovery -> Recovery.'

5. After restarting, click Troubleshoot.
6. Click Advanced Options.
7. Click Windows Startup Settings.
8. Click Restart.
9. After restarting your computer a second time, choose Disable driver signature enforcement from the list by typing the number 7 on your keyboard. Your computer will restart automatically.
10. After restarting, you will be able to install the **Serial Port Drivers** normally; however, Windows will display a warning message. When the warning appears, click Install this driver software anyway.