

Updating the Eggtimer Quantum Software

From time to time we may make updates to the Eggtimer Quantum software, to fix bugs and/or to add new features. The Quantum is designed so that you can update the software easily from any Windows computer, using only the standard Eggtimer USB-Serial cable and a simple tool... a paperclip.

Here's how to do it. We recommend that you read ALL of the steps before you start.

- 1) Download the latest software update from eggtimerrocketry.com, go to the Eggtimer Quantum Support/Downloads page.
- 2) Unzip the download file to `c:\equantum` (create the directory first if it doesn't exist).
- 3) Open up a Command Prompt, and type `cd c:\equantum`
- 4) Plug the USB-Serial cable into your computer.
- 5) If your COM port is NOT COM2, edit the "quantum_<version>.bat" file, where <version> will be the latest version (i.e. 1_02) and change COM2 to COM3 or whatever port you're using. Save the file.
- 6) Get a small paperclip and bend it into a "U" shape, with the prongs about 1/8" apart.
- 7) Disconnect the battery and any deployment wires from your Quantum. If they're soldered in, just make sure that there's no igniter or other loads on the deployment channels.
- 8) Connect the serial cable to the 3-pin header on the Quantum as follows:

BLACK – GND
GREEN – RX
WHITE – TX

Now here's the tricky part...

- 9) Insert the bent paperclip into the pads on the board marked PGM, next to the serial header.
- 10) Connect your battery.
- 11) REMOVE the paperclip.
- 12) Now, from the Command Line (which should be at "`c:/equantum`") type "`quantum_<version>.bat`", where <version> is the current version of the software (i.e. 1_02). For this example, you'd type

`C:/equantum: quantum_1_02.bat`

You should immediately see some text scrolling across the screen, and in about 3-5 seconds you should see a bunch of dots going across your screen (.....). This should go on for about a minute,

then your Quantum should give you the normal power-up beeping. If it does not, unplug the battery, take a look at your files, your COM port, etc., then repeat steps 9-12.

You can confirm that you've uploaded the right version by simply connecting to your Quantum with your WiFi device, the software version will be in the upper-right corner of every page.

As usual, if you have any questions, feel free to drop us a line at support@eggtimerrocketry.com.