



SQ Blaster Firmware Upgrade Instructions

Instructions for Mac & Windows users

The following instructions are a step by step guide to upgrading your SQ Blaster firmware. These steps require you to download the new firmware image file as well as the installer utility . Note that in this document screenshots from a Mac are generally used, but where an important difference exists between the 2 operating systems screenshots from both systems are provided.

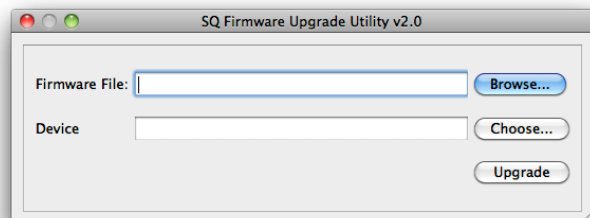
Download the latest firmware installer program

The software for installation of the new software can be downloaded from the Square Connect web site at http://www.squareconnect.com/firmware_upgrade.html

1. Download the installer program. If you are using a Mac, the .dmg file should auto-load if you are using Safari, but if it doesn't find it in your download folder and double click on it to open it. Then install the program by dragging the application to your applications folder. If you are using Windows download the .zip file to a location you can find it again (such as the desktop) and then unzip the contents.
2. Download the latest firmware image file. This file will have a name like: sq_blaster_XXXX.bin, where XXXX is the firmware number. For example: sq_blaster_A059.bin. Save this file to the somewhere that you can easily find it.
3. Download and install the USB drivers if you have not installed these on your machine previously. They can be downloaded from here: <http://www.squareconnect.com/wizard.html>. Make sure you download the correct file for your machine (Mac or Win).
4. Ensure that you have disconnected any external USB devices from your Mac/PC prior to running the installer application.
5. Don't connect your SQ Blaster device to your Mac/PC just yet.

Launch the firmware installer application.

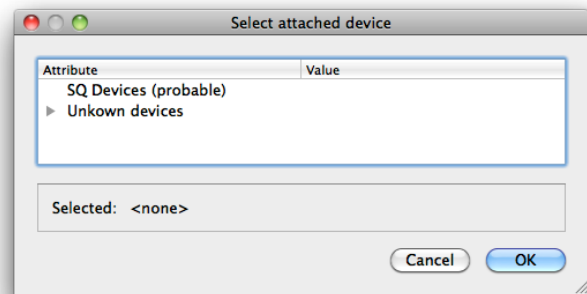
6. Select the firmware file that is to be loaded onto your SQ Blaster device. Use the browse button to select the firmware file from where you downloaded it.



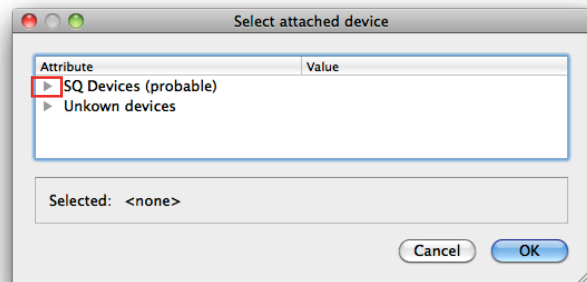
7. Tap the "Choose" Select the SQ Blaster device that you want to upgrade by tapping on the "Choose" button. This will bring up the selection window.

8. When the select devices window is displayed there should be no “Arrow” next to the SQ Devices line (see screen shot).

If there is an arrow here and you have **NO** SQ Devices connected to your machine, then click on the disclosure arrow and make a note of the details shown there so that you can correctly identify the blaster when you connect in the following steps.

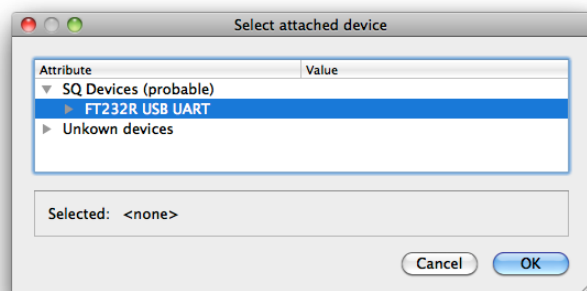
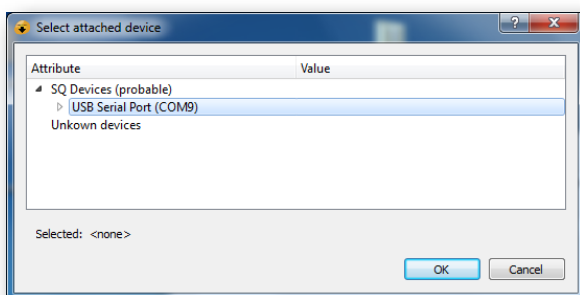


9. Close the Selection Window and then connect your SQ Blaster device with the USB cable. Then click on the “Choose” button once more. This time you should see a disclosure arrow (see screen shot).



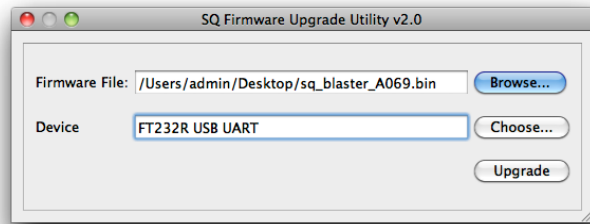
Note: If the Blaster is not immediately identified after connection to a USB port of your PC/Mac it may help to unplug it after waiting for a minute and then re-attach it. The initial “discovery’ process for new USB devices can cause some timing issues with the firmware installer software.

10. Click on the disclosure arrow next to SQ Devices. This will show a list of SQ Devices attached to your Machine. If you are using a Windows machine, these will be listed by their connection “USB Serial Port”. If you are using a Mac these will be shown as “FT232R USB UART”. Select the device that appears here and then click on OK

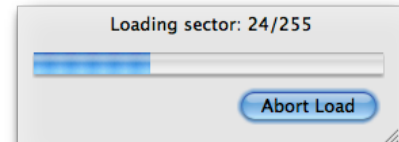


Note: if you previously had devices listed under SQ Devices ‘**before**’ you connected your SQ Blaster unit, make sure that you are selecting the correct device before completing the next steps. You can refer to the notes that you made in step 8.

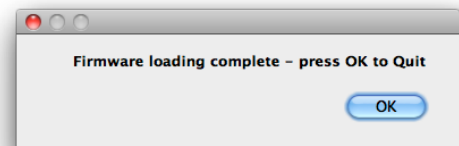
11. After selecting both the firmware file and the SQ Blaster device tap the “Upgrade” button.



The firmware will then be installed onto your SQ Blaster device. Do not disconnect your blaster during this process.



When the firmware load has completed you will be asked to press the OK button to close the application.



Reboot your SQ Blaster Unit

You will now need to reboot your blaster unit to complete the firmware installation process. Simply unplug the USB cable from the blaster and then plug it back in again.

Finally - reset the network connection settings for your SQ Blaster Unit

The installation of a new firmware will cause your network settings to be lost and you will need to reset these using the blaster setup application. You must reboot the blaster unit after the firmware has been loaded before you can use the setup application to connect to the blaster.

The latest setup application can be obtained here:
<http://squareconnect.com/wizard.html>

The latest user manual with the setup instructions can be found here:
<http://squareconnect.com/documents.html>