



UPDATING THE SB600 FIRMWARE

Items Required:

- Hex file (Download from SB600 Resource Type, Software)
- Cardinal SB600 Updater PC program (Download from SB600 Resource Type, Software)
- Laptop/PC
- Micro USB cable

Procedure:

1. Download the new firmware (Hex file) to a PC/Laptop and unzipped it.
2. Power down the SB600.
3. Remove the acorn nuts from the back panel, and then remove the back panel to gain access to the Micro USB connector on the SB600 controller board.
4. Locate the Micro USB connector on the SB600 controller board, and plug-in the Micro USB cable.
5. Hold the **MODE** button and apply power to the SB600. The LEDs labeled POWER and B should be lit.
6. On your PC/Laptop go into the Device Manager and note what COM ports you have. Now plug in the Micro USB cable to the PC/Laptop, and a new COM port should appear.
7. On the PC/Laptop launch the Cardinal SB600 Updater PC program, and select the COM port of the PC that the SB600 is connected to (It will show up on Windows as a serial to USB serial port).
8. Select the hex file and press the Start button to begin the update process. **NOTE:** It will take several minutes for the SB600 to update.
9. When the update is complete, the LEDs on the controller board will flash and the scoreboard will reboot. *The SB600 will show the updated version during the startup screen.*
10. Power down the SB600, and remove the Micro USB cable. Replace the back panel and secure it to the SB600 with the acorn nuts removed earlier. Follow a diagonal pattern when tightening the acorn nuts.



IMPORTANT! The acorn nuts should be torqued to 20 to 25 in-lb (2.3 to 2.8 Nm).



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