

Instructions for Downloading Firmware to the WindowLite Constellation

1. Make sure Constellation meter is off.
2. Using the supplied interconnecting cable or any *null modem* cable with compatible connectors, connect the PC serial port to the Constellation serial port.
3. Launch the ComSonics Constellation Firmware program.
4. Note that the default com port is #1. If this is not correct, please select the correct com port.
5. Apply external power to Constellation.
6. While viewing the face of the instrument, move the BOOT switch at the bottom of the unit from the left (run) position to the right (BOOT).
7. Hold down the Power ON key for 15 seconds. (Only the AC LED should be lit. The CHG LED must not be on.)
8. Using the ComSonics Constellation Firmware program, select the latest firmware version to download.
9. Start the Download.
10. Wait for the firmware download to completely install (the ComSonics Constellation Firmware program green Instrument Upgraded indicator is illuminated)¹.
11. Restore the BOOT switch to the left (run) position as before.
12. Hold down the Power ON key for 10 seconds then release.
13. The Constellation should start-up normally and the new revision number is displayed on the start-up screen.
14. Remove the interconnecting cable from the Constellation serial port. The ComSonics Constellation is ready for return to service.

1. ¹ If for any reason the download fails, a FAILURE message will appear in the text window at the top of the ComSonics Constellation Firmware program window. The Additional Unit Pop-up will appear. Before responding to the Pop-up, hold down the Constellation Power ON key for 15 seconds and answer YES to the *download another unit* question. Return to Step 10.