



a xylem brand

SonTek Firmware Release Notes

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RiverSurveyor S5/M9 Firmware Version 4.10 RiverSurveyor Live Software Version 4.0 or later RiverSurveyor Stationary Live Software Version 4.0 or later

SonTek, a Xylem brand has released RiverSurveyor S5/M9 firmware version 4.10. The firmware corrects a clock issue preventing the date/time from being updated properly. SonTek recommends upgrading all M9/S5 systems to v4.10. If you have any questions about these new features, please contact SonTek.

- Section 1 describes changes and new features available in firmware version 4.10.
- Section 2 gives information for updating your system to firmware version 4.10.
- Section 3 gives contact information for SonTek.

1 Changes and New Features in firmware version 4.10

1.1 Set Time Function Corrected

A clock issue, discovered in August 2018, preventing the *Set Time* function from updating the date/time properly has been corrected. Previously, when the “Set Time” software feature was enabled to sync the instrument time to the PC time, or to manually enter a different date/time, the clock would reset to January 2005. New and repaired M9/S5 systems will ship with this firmware. SonTek recommends upgrading all M9/S5 systems to v4.10.

2 Installing the Firmware Update

To install RiverSurveyor S5/M9 firmware version 4.10:

- a. Login to the SonTek website and download the following two items from the RiverSurveyor tab at <http://www.sontek.com/software-archive/index>
 - RiverSurveyor S5/M9 Firmware v4.10 (saved file name will be **RSL_FW.zip**)
 - RiverSurveyor LIVE v4.0 (saved file name will be **RiverSurveyorLive.zip**; RiverSurveyor Stationary LIVE v4.0 and Utilities v4.0 are also in this file)

Note: Save these files to an easy to find location on your computer.
- b. Unzip both files.
- c. Run the **RiverSurveyorLive_Setup.exe** program to install v4.0 of the *RiverSurveyor Live* software on your computer.
- d. Run the **RiverSurveyorStationaryLive_Setup.exe** program to install v4.0 of the *RiverSurveyor Stationary Live* software on your computer. Anyone can use this program to view stationary data; however, to collect data with this program, you must purchase a system firmware license from SonTek.

- e. Run the **RiverSurveyorUtilities_Setup.exe** program to install v4.0 of the Utilities software to your computer.
- f. Run the *Utilities* program (**Start | All Programs | SonTek Software | Utilities**).
- g. Connect to your RiverSurveyor system using the direct communications cable. A direct connection is much faster than upgrading via radio modem.
- h. In the *Utilities* menu, click **Firmware Upgrade**.
- i. Locate and select the RiverSurveyor v4.10 firmware file you unzipped earlier (the file name is **Nefi_410.a79**).
- j. Wait until the firmware upgrade is successfully completed.
- k. You can now use the RiverSurveyor Live and RiverSurveyor Stationary Live programs. The firmware version number under the System Configuration should read 4.10.

Note: It is strongly recommended that previous (earlier) firmware versions *not* be uploaded to an S5/M9 once the firmware has been updated. Going backwards may cause unforeseen issues with the system configuration.

3 Contact Information

We welcome any comments, questions, or suggestions you have regarding RiverSurveyor S5/M9 firmware version 4.10.

SonTek Support

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