
Simrad FM90

SIMRAD

Software Release Note 1.2.1

Introduction

This document describes the changes introduced with the new software version.

- **Product:** FM90
- **Software version:** 1.2.1

This software controls all functionality in the Simrad FM90 Multibeam Trawl Sonar. This includes transmission and reception, interfaces with external peripherals and sensors, and all user interface.

Software changes

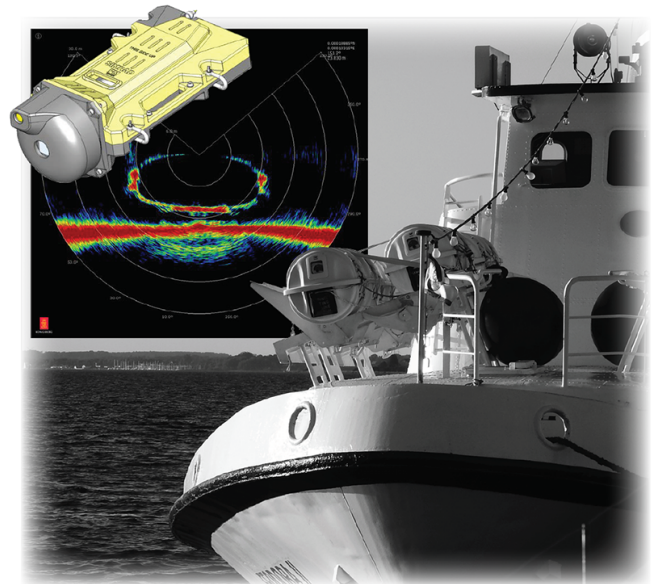
This software update solves a number of software bugs that have been reported by our users, or detected during our own product testing.

New functionality is *not* introduced with this release.

The following specific changes have been made:

Bug fixes

- Fixed an issue where the software can crash if the XML nodes for sensor export are missing baud rate and data bits info.
- The auto hide function will not longer apply to docked tabs. This change fixes a bug where the auto hide function could not be disabled when there are windows docked as tabs.
- To prevent it from being closed, the **Deployment Pack** window can no longer be docked together with other windows. If the **Deployment Pack** window is closed, it will not re-appear unless the registry is cleared.



- Removed the **Noise Reduction** button from the up-sounder window, as this function applies to the down-sounder view only, not the up-sounder view.

Do I need to upgrade?

This release does not offer any new functionality to your FM90. However, the release may still be useful to you, as several software bugs have been corrected.

We recommend that all users update their software.

End user documentation

The end user documentation for the Simrad FM90 Multibeam Trawl Sonar has not been updated with this release.

The current *Quick Start Guide*, *Installation Manual* and *Reference Manual* are included on the FM90 software media (USB flash drive). End user documentation can also be downloaded from the product website

- <https://www.simrad.com/fm90>

The FM90 *Reference Manual* is included with the FM90 software. Click the **Simrad** logo above the sensor pane to open the **About FM90** dialog box. Click the **User Manual** link at the bottom of the dialog box to open the manual.

Software installation

When a new FM90 software version is released, it must be installed on your Processor Unit.

A dedicated installation wizard is used. You need administrative rights on your Processor Unit to do the software installation.

If you have a preliminary ("Beta") software version installed, it must be removed before you can update. Use the operating system functionality to remove the old software version.

Before updating, clear the registry. In the bottom-left corner of your Windows desktop, type "regedit" into the Cortana search box, then press **Enter** to open the **Registry Editor** window. Select the folder **Computer**→**HKEY_CURRENT_USER**→**SOFTWARE**→**MUM**→**FM90**. Right-click on the **FM90** folder, then select **Delete**.

Registered dealers and distributors can download the new software version from the "Simrad Dealer Club". To access the "Simrad Dealer Club", visit our website.

- <https://www.simrad.com/sdc>

Reporting issues

Any issues related to the user interface or the performance of the Simrad FM90 can be reported to us.

Please use e-mail address.

- simrad.support@simrad.com

Include the phrase "FM90 issue" in the title of the e-mail.

Minimum computer requirements

Although a computer can be ordered from Kongsberg Maritime as a part of the FM90 delivery, it is also possible to purchase one locally.

If you purchase a computer locally, make sure that the chosen model meets the functional and technical requirements.

It is important to make sure that the chosen computer model is relatively new with sufficient processing power, a high performance graphic adapter, and a high speed network adapter.

The computer must be able to facilitate the various interface requirements made by the FM90, and you may need to add extra Ethernet and serial adapters.

Note _____
The computer design and construction must allow for maritime use, easy access to connectors, parts and cables, and a safe installation.

The minimum technical requirements are:

- **Processor:** 1.7 GHz, Intel Core i7
- **Memory:** minimum 8 GB
- **Hard disk:** minimum 512 GB
- **Network interface:** 10/100/1000 Mbps
- **Operating system:** The FM90 software has been designed for 64-bit Windows 10. It will also work on 32-bit systems. Windows 7 is also supported.