

Software release note

Simrad SH40 Sonar MMI SW 1.3.1

Introduction

This document describes the software and other changes introduced with MMI SW version 1.3.1.

The Man-Machine Interface (MMI) software is the SH40 program that controls the menu system, operational modes, features and presentations.

The MMI software is installed on the sonar's operator unit.

Transceiver Unit firmware

The new MMI software version requires that the software in the Transceiver Unit is the latest. Unless this is the case, a circuit board in the Transceiver Unit must be reprogrammed, and this must be done at the factory.

Changes with MMI SW 1.3.1

Software changes

The following changes have been implemented.

- New feature **Noise filter** implemented on the **Horizontal** menu. The new filter will remove impulsive noise like cavitating propellers and interfering noise from other sonars and echo sounders.
- New transmission beamforming greatly enhances the sonar performance.
- Improved performance when the sonar beam is tilted.
- Added interface for third-party current profiler.
- Improved software installation.

Other changes

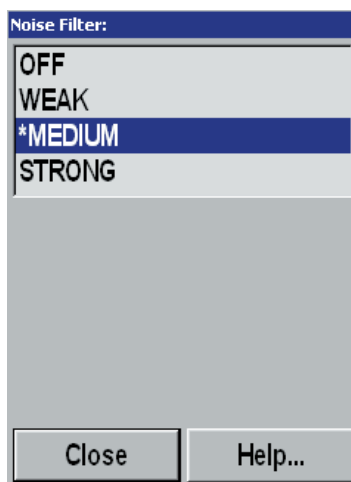
Version A of the SH40 mini-manual is released.



Do I need the new software?

The new release is considered to be very important, and we recommend that all users update their software.

To check your current software version, go to the **Setup** menu,



and click **Test** to open the **System test** menu. Then, click **About** to investigate the current software version.

If the **About** dialogue does not show version 1.3.1, your software should be upgraded.

If I do not wish to upgrade?

Nothing happens if you do not wish to upgrade, but you will not be able to use the latest features provided for the SH40 sonar.

How do I perform the update?

End users are not permitted to perform this software update. To carry out the upgrade procedure, you must contact your local dealer for advice.

Simrad AS

Strandpromenaden 50
P.O.Box 111
N-3191 Horten,
Norway

Telephone: +47 33 03 40 00
Telefax: +47 33 04 29 87
www.simrad.com
simrad.sales@simrad.com

SIMRAD
A KONGSBERG Company