

# Software release note

## Simrad PI50 SW 1.3.0.

### Introduction

This document describes the software and other changes introduced with the following new software versions:

- **PI50 SW 1.3.0**

The PI50 software controls all functionality in the Simrad PI50 catch monitoring system. This includes data reception and interpretation, interfaces with external peripherals and sensors, and all user interface (sensor views and menus).

### Software changes

The following main changes have been implemented:

1. Support for the new Simrad PX MultiSensor.
2. Support for new pitch and roll measurements made by the PX MultiSensor.
3. Offset for Height and Geometry measurements implemented.
4. Multiple minor bug fixes and improvements as requested by end users, and detected during our own software testing.

### Documentation

The following documents are available in English and Spanish:

- Reference manual
- Operator manual
- Quick Start Guide

A dedicated installation manual is available in English only. All documents can be downloaded from:

[www.simrad.com/pi50](http://www.simrad.com/pi50)



### Licensing

In order to use all the functionality provided by the PI50 software, the necessary licenses are required.

Observe the web form on [www.simrad.com/pi50](http://www.simrad.com/pi50). This must be filled in by all dealers requesting licences for the PI50.

Turn the page!

## Technical information

### Minimum computer requirements

If you purchase a computer locally, it is important to make sure that the chosen model meets the functional system requirements. The computer must fulfill the various interface requirements made by the system, and you may need to add extra Ethernet and serial adapters. Also, make sure that the computer design and construction allows for marine use and safe installation. A laptop computer may be used as long as it meets the functional requirements. The minimum requirements are:

- **Processor:** 2 GHz, Dual core
- **Memory:** 2 Gb
- **Free hard disk space:** 30 Gb
- **Graphic adapter:** See separate section.
- **Interfaces:** One RS-232 serial line is required for communication with the PI50 Receiver.  
Additional serial line interfaces are required to accept data from external sensors such as a navigation system, The number of serial lines depend on the requested interface capabilities. An Ethernet interface is required if the computer shall be connected to the ship's network.

### Operating system

The PI50 software has been designed for **32-bit Windows® XP®** and **32-bit Windows 7®**. For new installations, we recommend that **Windows 7** is used.

On Windows XP computers, Service Pack 3 is required.

### About graphic adapters

The graphic adapter must support DirectX9.0c, and must be compatible with Direct3d and OpenGL. A large number of commercial graphic adapters are available, and Simrad has not tested all of them. Even adapters that meet the minimum specifications may fail with the PI50 software. We welcome any feedback with comments or experiences with graphic adapters.

### About USB serial adapters

If you have connected a USB-to-serial adapter to the computer, do not remove it while the PI50 is running. Also, do not move the adapter to a different USB socket on the computer.

### Simrad

Kongsberg Maritime 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