



Firmware Release Notes

Survey

Date: July 3rd, 2015
Product: SP60
Subject: **SP60 V2.11** Firmware Release

Introduction

This document is the firmware release note of the [SP60 V2.11](#).

This version is the first official release for the SP60.

Some SP60 receivers were shipped with the version V2.10. The user must upgrade it into V2.11 before using it.

Upgrade procedure

The customer can upgrade the receiver with the version [V2.11](#) by following this procedure:

- 1- Copy the file [sp60_upgrade_v2.11.tar](#) to your PC.
- 2- Insert a fully charged battery inside the SP60
- 3- Switch on the SP60
- 4- Connect the SP60 to the PC with the USB cable
- 5- Run the software [Spectra Precision Loader](#), select the COM port corresponding the USB cable and press the button [Upgrade](#)
- 6- Select the file [sp60_upgrade_v2.11.tar](#)
- 7- Press the button [Update](#) and wait for the complete receiver upgrade

Firmware list and versions

General version number: [V2.11 – 03/07/2015](#)

OS: [3.0.101#311](#)

PVT: [LP63V11](#)

DSP: [LC63V11](#)

SL: [LS63V11](#)

XDL: [V01.14\(2\)](#)

The software compatible with SP60 [V2.11](#) are:

- FAST Survey: [4.3.x \(not yet available\)](#)
- RINEX Converter: [4.6.0](#)
- Survey Pro: [5.6.2](#)
- Survey Office (64-bits): [3.50](#)
- Spectra Precision Loader: [3.1.0](#)
- Spectra Precision File Manager: [1.0.10](#)

New features

None

Improvements

Compared to V2.10 this version brings:

- updated antenna parameters

Resolved Problems

Several fixes are introduced with V2.11, among them:

- Battery level is now properly managed

Known issues

1. **CenterPoint RTX 5 mins initialization:** this service is available in some European countries and provides centimeter accuracy after 5 minutes. It requires to track the satellite RTXEU (107). The receiver tracks it by default but it may happen that the satellite RTXEA is tracked instead of RTXEU, in this case the convergence time is longer.
2. **USB:** when you plug a USB memory to the SP60, it may happen that the USB device is not detected. In this case, you need to unplug and plug it again. The receiver beeps when the USB device is properly detected.

Recommendations

1. **Firmware Upgrade:** The USB cable is recommended.