



Release Notes and Installation Guide

AsteRx SBi Firmware Package v1.0.0



1 Installation Guidelines

This is the first release of the firmware for the AsteRx SBi. The receivers shipped from Septentrio come with this firmware pre-installed.

In order to upgrade the firmware to version 1.0.0, the following files must be installed on the receiver in the indicated order:

	SUF file	Located in	Contains
1.	AsteRx SBi-1.0.0-failsafe.suf	firmware/	See Section 5
2.	AsteRx SBi-1.0.0.suf	firmware/	See section 5

2 Known Issues and Limitations

1. It is not possible to upgrade the receiver using mobile Safari on iOS devices.
2. AsteRx SBi does not offer an external COM4 port. This port is internally connected to the IMU sensor. Configuration settings using this port are ignored.
3. The AsteRx SBi can be used as a dual antenna GNSS\INS receiver for systems with any kind of motion pattern; it can also be used as a single antenna receiver for systems with no slip motion (In use cases where the heading of the vehicle matches with the motion direction). The single or dual antenna configuration is managed via software permissions.

3 Support

For further information or support, please consult the Septentrio support website (<http://www.septentrio.com/support>).

4 Legal Notice

Septentrio does not authorize the use of its products as critical components in devices or systems intended for safety-of-life applications or in devices or systems, of which the failure may endanger life or cause injuries, unless written approval is given.

All the firmware and documentation delivered with the AsteRx SBi Firmware Package is licensed, as explained in the About page which is accessible via the web interface of the receiver.

5 System Components and Versions

Firmware Package: 1.0.0 Applicable Product Group: AsteRx SBI Receiver Platform: SSR12 Release Date: 18 October 2019		version	AsteRx SBI-1.0.0-failsafe.suf	AsteRx SBI-1.0.0.suf
Failsafe	5.3.0-g261396c	Y		
Operating System	5.3.0-g261396c		Y	
GNSS Firmware	6.1.3-r76041		Y	
Antenna Information	2.13.0-b3c0c3e9		Y	