



Trimble GNSS OEM

RECEIVERS

This document contains late-breaking product information, updates, and troubleshooting tips not covered in the Trimble® GNSS OEM receivers' documentation.

- ▶ Introduction
- ▶ Upgrade Procedure
- ▶ New Features and Changes
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Introduction

These Release Notes describe improvements made since version 5.41 to the following Trimble GNSS OEM receivers:

- BD930
- BD935-INS
- BX935-INS
- BD940
- BD940-INS
- BX940
- BD970
- BD982
- BX982
- BD992
- BD992-INS
- BX992

To use the new firmware, you must have a valid firmware warranty. You can check the Firmware Warranty Date using the web interface. Make sure the date shown is 1 November 2018 or later. Alternatively, obtain the warranty date from the WinFlash software. Select **Verify receiver options** and ensure the **Firmware Option** is 1 November 2018.

For further support information, go to https://www.trimble.com/support/support_az.aspx#B. Select your BD/BX receiver and click **Support**.

Version 5.42

Revision A

July 2019

Upgrade Procedure

There are two ways to load the new firmware:

- Use the WinFlash utility (BD9xx WinFlash v54X.zip) downloaded from the Trimble website.
- Use the web interface of the receiver to load the firmware image file downloaded from the Trimble website.

New Features and Changes

The following improvements have been made to the Trimble GNSS OEM receivers.

New features and changes between 5.41 and 5.42

- Improvements to Galileo health monitoring
- Corrected bit errors in output of raw GNSS data in RT27 format
- Ability to modify pulse width of 1PPS
- BD930, BD970, and BD982 have increased processor overload protection when tracking large amount of satellites.
- Improved rejection of spoofed GNSS signals
- General web interface enhancements
- Completed QZSS SLAS/L1S implementation
- GNSS signal tracking and processing enhancements

Documentation updates

The latest documentation can be found online at https://www.trimble.com/support/support_az.aspx#B. Select your BD/BX receiver and click **Support**.

Legal Notices

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Release Notice

This is the July 2019 release (Revision A) of the GNSS OEM Receivers' Release Notes. It applies to version 5.42 of the Trimble GNSS OEM receivers.