



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
- ▶ Legal Notices

Introduction

These Release Notes describe improvements made since version 5.46 to the following Trimble GNSS OEM receivers:

- 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 5.48

Revision B

October 2020

Upgrade Procedure

There are two ways to load the new firmware:

- Use the WinFlash utility (BD9xx WinFlash v548.exe) 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.

- Updates to NMEA 2000 message outputs.
- The Trimble AV16 antenna is now supported.
- Improvements to QZSS SLAS and MSAS positioning.
- Fixed BD940 occasional incorrect temperature display issue.
- Fixed issue with setting RTK Propagation Limit.
- Improvements to atmospheric models used in autonomous and SBAS positions.
- Added positioning averaging to BD990 reference station setup on the web interface
- Fixed an issue where certain BD990 receivers failed to boot at cold temperatures.

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 October 2020 release (Revision B) of the GNSS OEM Receivers' Release Notes. It applies to version 5.48 of the Trimble GNSS OEM receivers.