May 2015

SUPPORT BULLETIN

Positioning Services

RTX: Configuring Trimble TMX-2050 For New Frequency and Baud Rate

The following instructions will instruct you how to change the frequency and baud on your Trimble TMX-2050. To determine what new frequency and baud rate should be used in your region, please refer to www.trimble.com/sat.

Please make sure your antenna is in clear view of the sky.

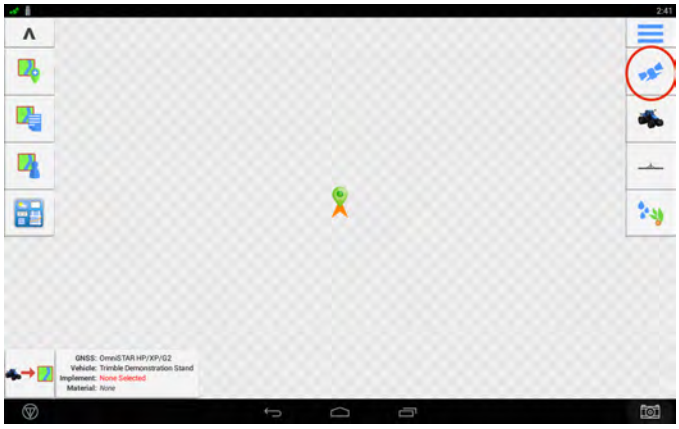
Changing the Frequency and Baud Rate Settings

The following instructions will instruct you how to change the frequency on your TMX-2050/XCN-2050:

1. Power on your TMX-2050 display
2. Click on the Precision – IQ button on the TMX-2050 home screen:

. Trimble Navigation Limited, Positioning Services Division, 10368 Westmoor Drive, Westminster, CO 80021, USA

3. Click on the GNSS Setup  button.



4. Click on GNSS Setup

5. Click Correction Source

6. Select either “RangePoint RTX, CenterPoint RTX (Standard Convergence), CenterPoint RTX (Fast Convergence), “OmniSTAR HP/XP/G2”, or “OmniSTAR VBS”, depending on which subscription you have. Then click “Next”.

7. Click on the “Frequency Button” (You don’t need to modify the convergence threshold unless desired)

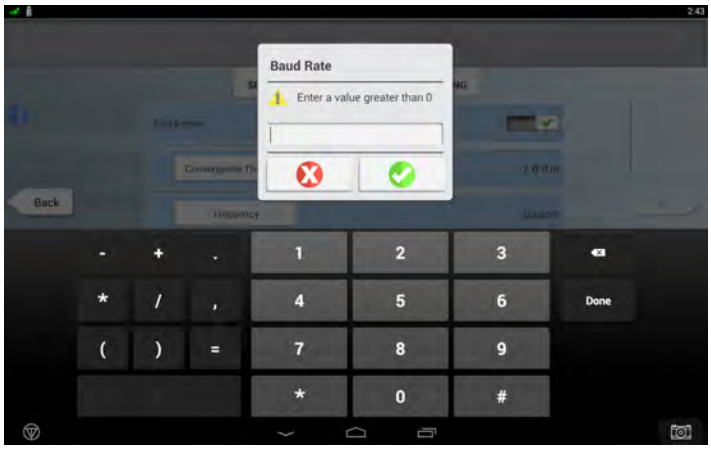
8. Select “Custom”

9. Click “Frequency”

10. Key in the correct frequency for your location (See the tables on pages 1 and 2), and then click on the green check mark.

11. Now click on the “Baud Rate” button

12. Key in the correct Baud Rate (please see the tables on pages 1 and 2), then click on the green check mark.

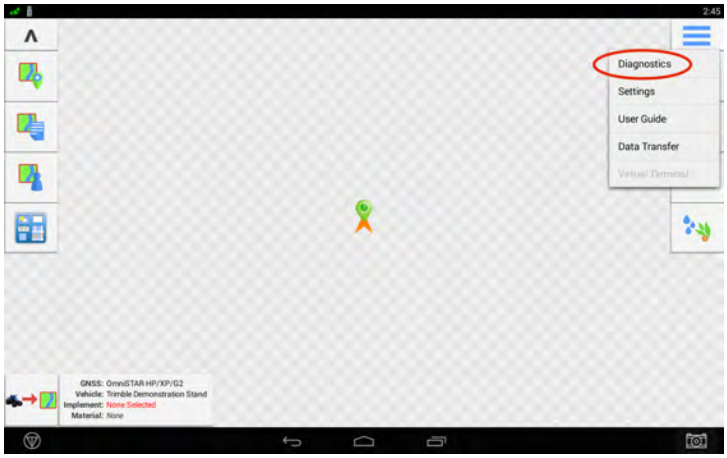


13. Now click on the save button at the bottom right portion of the screen.

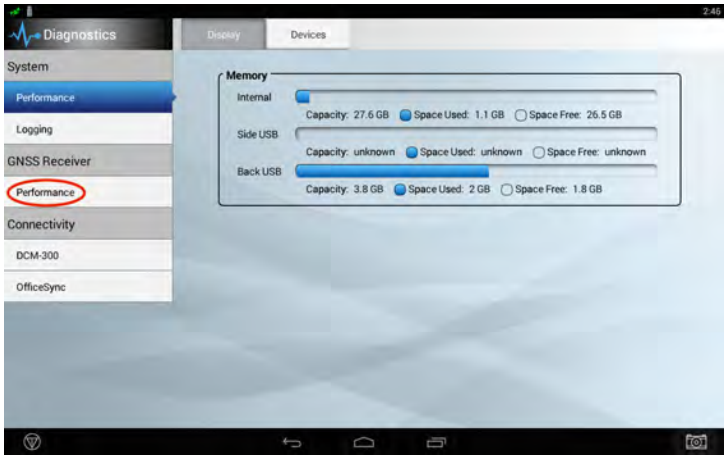
Verifying Correct Operation

Once you have reconfigured your receiver to the correct new satellite settings for your region, you can confirm that you are receiving the signal by following the steps below.

1. Go back to the Precision – iQ home screen
2. Click the menu button on the top right portion of the screen, and click “Diagnostics”



3. Click on the “Performance” button under the GNSS Receiver section



4. Check to ensure that the subscription is correct. Also be sure that the antenna has a green check next to it, the corrections age updates regularly, the subscription status is valid, and the correction status updates to “converged” after 5 minutes for RangePoint RTX and CenterPoint RTX Fast, and after 30 minutes for CenterPoint RTX standard. OmniSTAR services should take around 45 minutes to converge.

Please keep in mind that the convergence status is also dependent on the convergence threshold that you set.

For Additional Assistance

If you need additional assistance, please contact your regional Customer Care team.

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