SUPPORT BULLETIN

Positioning Services

Configuring Trimble BD982/BX982 For New Frequency and Baud Rate

The following instructions will instruct you how to change the frequency and baud rate on your Trimble BD982/BX982 receiver. To determine what new frequency and baud rate should be used in your region, please refer to www.trimble.com/sat.

Changing the Frequency and Baud Rate for RTX on the Trimble BD982/BX982

The following set of instructions will instruct you how to change the frequency on your Trimble BD982/BX982.

You can change the frequency and baud rate for tracking the Trimble RTX satellite by using either the web user interface (WebUI) or the BD9XX interface protocol.

Connecting to the web user interface (WebUI) of the receiver

1. Connect the Trimble BD982/BX982 to a PC using an Ethernet cable.
2. Open the **Network** folder in Windows Explorer. You can find this by searching for ‘network’ from the start menu.
3. Your BD982/BX982 should appear under **Other Devices**
4. You can open up the web user interface through one of the following methods:
   a. Double-click the BD982/BX982 icon
   b. Right-click the BD982/BX982 icon and click on **View device webpage**
   c. Right-click the BD982/BX982 icon and click on **Properties**. From the Properties dialog, click on the **Device webpage** url. You can also copy and paste this url into any modern web browser.
5. If the Web UI asks for credentials, the default username is “admin” and the default password is “password”.

![Authentication Required](image)

Note: If there are any issues with step (3), make sure all other network connections are turned off or disconnected; this includes disconnecting or turning off WiFi.

Changing the frequency and baud rate

1. Connect to the WebUI
2. Navigate to the **OmniSTAR** → **Configuration** page
3. Confirm the following settings
   a. **Preferred Source of Data**: External
   b. **External OmniSTAR Data**: Auto
   c. **Internal OmniSTAR Demodulator**: RTX
   d. **SV name**: Custom
e. **Max Data Outage**: 90 Sec

4. Enter the new satellites settings for your region
   a. Enter the new frequency in the **Frequency [Mhz]** field
   b. Enter the new baud rate in the **Bit Rate [Hz]** field

5. Click OK

*Changing the frequency and baud rate through the use of Trimcomm and the BD9XX interface protocol*

Please contact your local Trimble InTech representative for more information.
Changing the Frequency and Baud Rate for OmniSTAR on the Trimble BD982/BX982

The following set of instructions will instruct you how to change the frequency on your Trimble BD982/BX982.

You can change the frequency and baud rate for tracking the OmniSTAR satellite by using either the web user interface (WebUI) or the BD9XX interface protocol.

Connecting to the web user interface (WebUI) of the receiver

1. Connect the Trimble BD982/BX982 to a PC using an Ethernet cable.
2. Open the Network folder in Windows Explorer. You can find this by searching for ‘network’ from the start menu.

![Network folder in Windows Explorer](image)
3. Your BD982/BX982 should appear under **Other Devices**
4. You can open up the web user interface through one of the following methods:
   a. Double-click the BD982/BX982 icon
   b. Right-click the BD982/BX982 icon and click on View device webpage
   c. Right-click the BD982/BX982 icon and click on Properties. From the Properties dialog, click on the Device webpage url. You can also copy and paste this url into any modern web browser.
5. If the Web UI asks for credentials, the default username is “admin” and the default password is “password”.

![Authentication Required]

Note: If there are any issues with step (3), make sure all other network connections are turned off or disconnected; this includes disconnecting or turning off WiFi.

Changing the frequency and baud rate through the webUI

1. Connect to the WebUI
2. Navigate to the OmniSTAR → Configuration page
3. Confirm the following settings
   a. **Preferred Source of Data:** External
   b. **External OmniSTAR Data:** Auto
   c. **Internal OmniSTAR Demodulator:** Auto
   d. **SV name:** Custom
4. Enter the new satellites settings for your region
   a. Enter the new frequency in the **Frequency [Mhz]** field
   b. Enter the new baud rate in the **Bit Rate [Hz]** field

5. Click OK

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**Changing the frequency and baud rate through the use of Trimcomm and the BD9XX interface protocol**

Please contact your local Trimble InTech representative for more information.

**Verifying Correct Operation for Trimble RTX**

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.

**Verification through the webUI**

1. Make sure the antenna connected to the receiver is outside with a clear and open view of the sky
2. Connect to the WebUI
3. Navigate to the **OmniSTAR ➔ Summary** page
4. The **Mode** field should display **Tracking**
Verification through the use of Trimcomm and the BD9XX interface protocol
Please contact your local Trimble InTech representative for more information.

Verifying Correct Operation for OmniSTAR

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.

Verification through the webUI

1. Make sure the antenna connected to the receiver is outside with a clear and open view of the sky
2. Connect to the WebUI
3. Navigate to the OmniSTAR>Summary page
4. The **Mode** field should display **Tracking**

Verification through the use of Trimcomm and the BD9XX interface protocol
Please contact your local Trimble InTech representative for more information.
For Additional Assistance
If you need additional assistance, please contact your regional Customer Care team.

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