CONFIGURING SPECTRA PRECISION SP60 FOR NEW FREQUENCY AND BAUD RATE

The following instructions will instruct you how to change the frequency and baud on your Spectra Precision SP60. 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 Trimble RTX on the Spectra Precision SP60

The following set of instructions will instruct you how to change the frequency on your Spectra Precision SP60. You can change the frequency and baud rate for tracking the Trimble RTX™ satellite by using Survey Pro.

Changing the frequency and baud rate through the Survey Pro field software

1. Connect to the receiver
   
   a. From the Home screen, tap the Receiver icon (this icon will be different if not in GNSS mode)
b. Select the appropriate GNSS Receiver (make sure GNSS is checked, otherwise, tap on Switch to GNSS)

2. Tap **Settings** and navigate to the **Receiver Profiles** screen
3. Tap on the **Settings** icon for the appropriate GNSS Receiver

4. Select **Survey** from the top dropdown menu to navigate to the **Survey** screen

5. Select **RTX** from the **Setup Type** dropdown menu and then tap the green checkmark icon
6. Select **Modem** from the top dropdown menu to navigate to the **Modem** screen

![Image of Modem screen]

7. Select **L-band** from the **Data Modem** dropdown list and select **Custom** from the **RTX Satellite** dropdown list

![Image of Modem screen with L-band and Custom selected]

8. Enter the new satellites settings for your region
   a. Enter the new frequency in the **Frequency (Hz)** field (Make sure this is entered in Hz units)
   b. Enter the new baud rate in the **Baud rate** field
   c. Tap the green checkmark icon

![Image with entered frequency and baud rate]
9. Tap the green checkmark icon
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 Survey Pro field software

1. Make sure the receiver is outside with a clear and open view of the sky
2. Tap Start Survey on the main menu
3. Select the Receiver Profile setup from earlier, and tap on Connect
4. The Solution type will display RTX, and the Correction Age should be around 10 seconds
5. Tap the **Status** bar, then navigate to the **Sat Info** page and filter the satellites to **Show RTX**

6. A satellite named **RTX#** (where # will depend on the number of existing RTX satellites) will be displayed with a green bar
For Additional Assistance

If you need additional assistance, please contact your regional Customer Care team. The most up to date contact information is available on http://www.trimble.com/Positioning-Services/contact-us.aspx.

North, Central & South America and the Caribbean
Phone: +1- 832-538-0210
US Toll Free Phone: +1- 877-407-4743
Brazil Phone: +55 (19) 3113 7099
Email: am_corrections@trimble.com

Australia, South East Asia and India
Australia Toll Free Phone: 1800 062 221
Phone: +61 8 9322 5295
Email: au_corrections@trimble.com (Australia)
Email: asia_corrections@trimble.com (South East Asia)
Email: in_corrections@trimble.com (India)

China
Phone: +86 10 8857 7575
Email: asia_corrections@trimble.com

New Zealand
NZ Toll Free Phone: 0800 888 864
Phone: +64 3 354 9195
Email: nz_corrections@trimble.com

Europe/CIS & Middle East
Phone: +31 70 3170 900 (Service & Support)
Email: eu_corrections@trimble.com (Europe, Russia & CIS)

Africa
Phone: +27 21 404 1861
Email: africa_corrections@trimble.com