

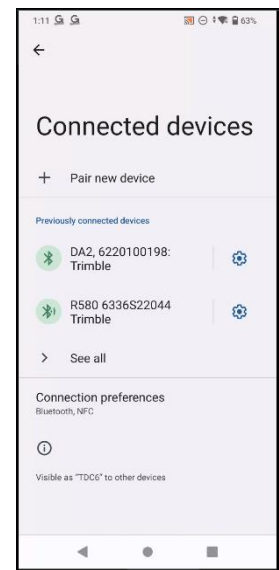
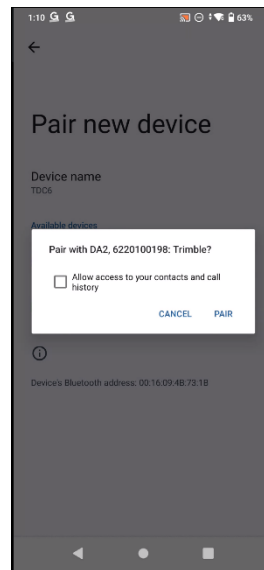
Configure Trimble DA2 in Trimble Mobile Manager on Android (9/24)

Download App

- Connect your handheld to an internet source using the Wi-Fi settings in the settings menu
- Go to App store
- Install the Trimble Mobile Manager (TMM) App

Connecting via Bluetooth to Trimble DA2 GNSS receiver

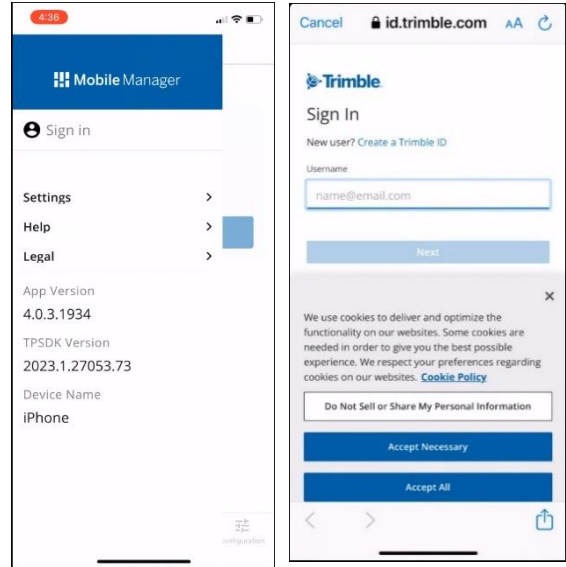
- Power up the Trimble DA2
- Go into the mobile device Bluetooth settings and make sure **Bluetooth is On**
- Choose Pair new Device
- Select the Da2, Choose Pair
- The Trimble DA2 should show in the under **“other devices”** along with the serial number.



Configure Trimble Mobile Manger (TMM)

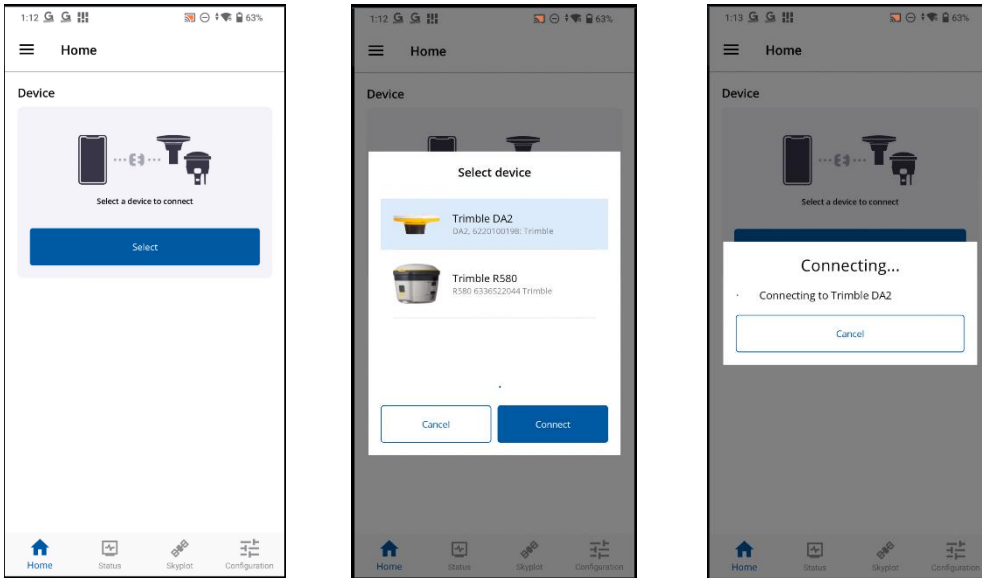
Sign into TMM

- Run TMM
- On Home Screen, click on the 3 horizontal lines icon in the top left corner of the application.
- **Click on Sign in.** This will bring you to a web browser. Sign in with your Trimble ID that has the Trimble Catalyst License Assigned to it.

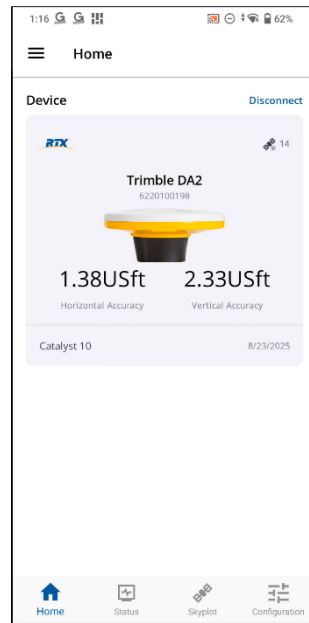


Connect to Trimble DA2

- On the TMM Home Screen, choose **Select** under Select a Device
- Choose your Trimble DA2 to highlight it, then click on Connect

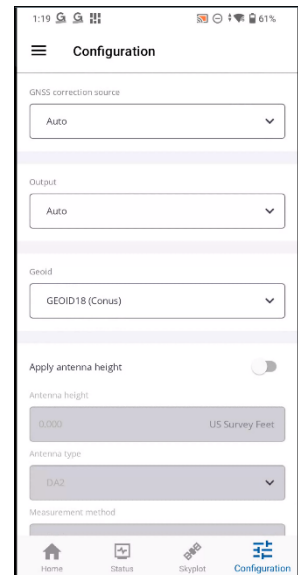


- Once connected the application will show Device Name, battery life, number of satellites, horizontal & vertical accuracies, and real-time type along with the expiration date.



Configuring real-time and output

- The configuration menu is located at the bottom righthand corner of the application screen
- **GNSS Correction Source:** There are 2 options, **Auto or Custom local**
 - **Use AUTO for Catalyst.** This will use the Trimble Correction Hubs that includes SBAS, RTX satellite or RTX Internet, and Trimble VRSnow real-time corrections.
 - Use Custom local when inputting your own base station or a local VRS



Output

- Options are **Auto** or **Select from list**. Choose Select from list

GNSS Output

- Set it to **NAD83 (2011) (EPOCH 2010)**

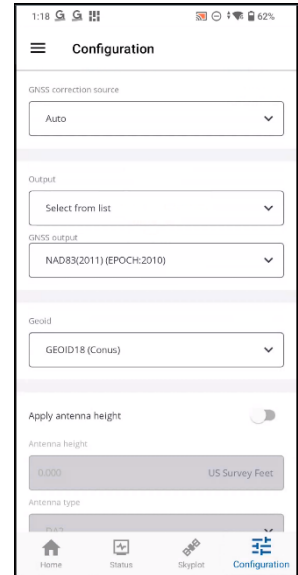
Geoid

- Set the Geoid to **GEOID18 (Conus)**

(Real time correction may require an internet connection/cell signal) If you are not connected to an internet source, select Auto and your unit should revert to SBAS or RTX Satellite (if purchased).

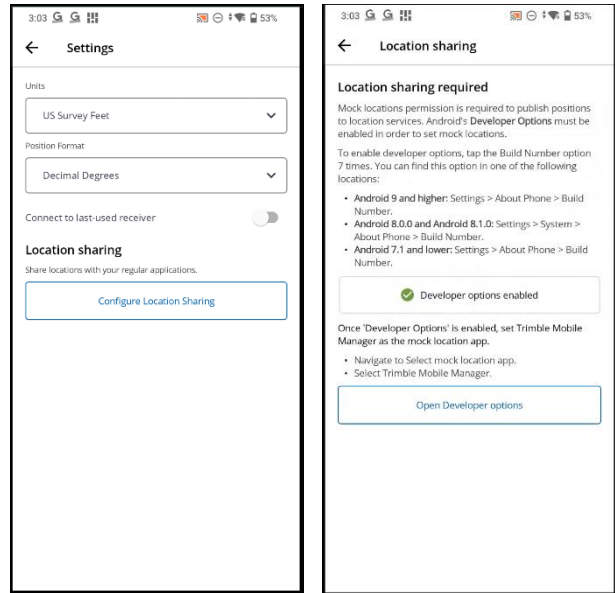
Apply Antenna Height

- Only turn this on if you are using apps other than Trimble TerraFlex or Esri Field Maps, or ones that don't have the option for you to enter an antenna height.
- Setup units and antenna height as needed.

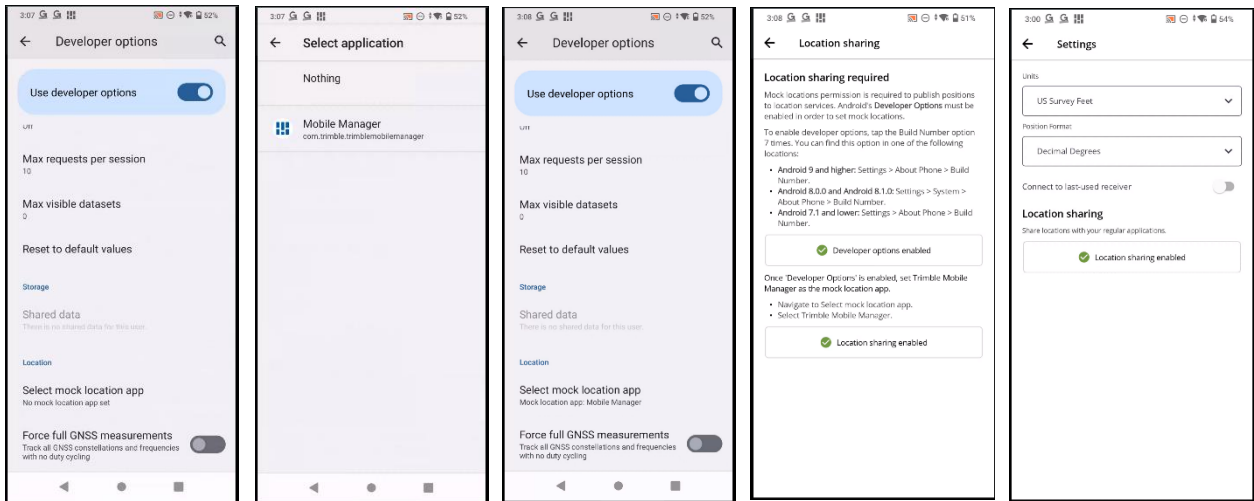


Configure Mock Locations for use in 3rd party applications

- Click on 3 horizontal lines in top left corner and choose settings
- Click on Configure Location Sharing
- The screen that comes up describes how to setup Location Sharing
 - a. Configure the Android OS to enable Developer Options



- b. Once completed, Click on Open Developer Options to setup Mobile Manager as the Mock Location application



Test the Trimble DA2 and real-time corrections in Trimble Mobile Manager

- Take the Trimble DA2 outside in an open sky location
- Run the Trimble Mobile Manager app.

- On the TMM home screen ensure that your Trimble DA2 is connected
- Verify that you are tracking satellites.
 - You will need at least 4 satellites to display a position.
 - Note, some real-time corrections may require access to the internet

- Choose the **Status icon** in the bottom middle of the application screen

- **Receiver**

- This will show you Model, Serial Number and Firmware version

- **Location**

- This will display horizontal & vertical accuracies along with Latitude/Longitude Coordinates
 - Precisions will depend upon the Trimble Receiver and Accuracy option that you have
 - Precisions will depend on # of satellites, dop values, antenna field of view, etc.

- **Altitude**

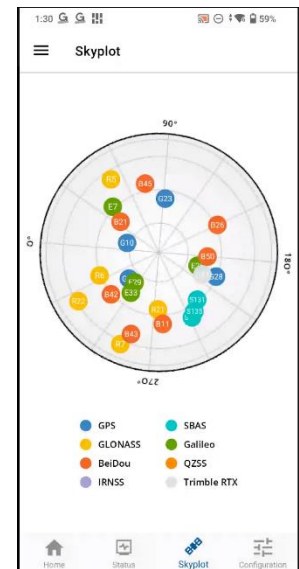
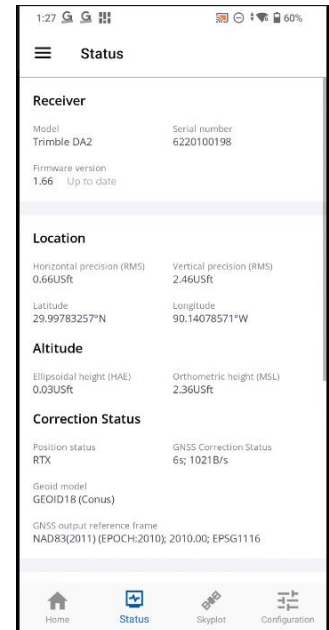
- This will display HAE and MSL heights depending on your Geoid Model settings configured previously

- **Correction Status**

- This will display Position Status, GNSS Correction Status, Geoid model in use, and GNSS Output Reference frame.

- **Satellites**

- This displays the GNSS constellations your are tracking and ones that your GNSS receiver is currently using



Normal Receiver – 3rd party app workflow once configured

- Power on the Trimble DA2 and the Mobile Device
- Make sure the DA2 connects to Bluetooth
- You should start all projects in the most wide-open area in your vicinity (no or limited overhead obstructions). This will ensure that your GPS unit can achieve its best accuracy.
- Run TMM and make sure the GPS tracks satellites and receives corrections
- Leave TMM running, minimize, and run the 3rd party app. Note if running esri field maps then see support document related to that.
- Collect data

If you have questions please feel free to reach out to NEI at our Lafayette headquarters at 800-949-1446.