

GPS Tracks Manual

Record Your Track

To record a track, simply press the "Start" button on the top menu bar. This will start drawing a blue line on the main map along your current route.

To pause, or end the current track, press the "Stop" button on the top menu. This will bring up a pop-up menu with the option to "Pause", "Stop and Save", and "Stop and Discard". The "Pause" option will stop recording your track and it will turn off the GPS on the device if you put the app to sleep or switch to another app. The "Stop and Save" option will save the current track to your phone and discard your waypoints. The "Stop and Discard" will end the current track and discard all of the current waypoints.

Waypoints can be added at anytime during a track, as well as an imported or save route from the History tab.

Adding Waypoints

There are five ways to add waypoints to the map.

Manually Enter Coordinates

Select the "+" button from the top menu bar. This defaults to your current location.

Tap Your Current Location Blue Dot

Tap the blue dot on the map and then select the blue round button on the right side of the pop-up.

Drop a Pin on the Map

Select the Down Arrow from the top menu bar. This will drop a pin on the map. Use the orange arrow to help guide the placement of the pin. Then tap the pin and select the round blue button on the right side of the pop-up.

Insert Saved Locations as Waypoints

Insert From Favorites

Select the Favorites tab from the tab bar. This gives you a list of folders or groups of locations. Select a folder to bring up a list of saved locations. Select a location to add it to the map as a waypoint. Select the menu button at the bottom tool bar and select the "Add all Waypoints to Map" to add all of the waypoints in the current folder to the map as waypoints.

Open Files from Mail or Safari

If you open a KMZ, KML, or GPX file from your mail application or a KMZ, or KML file from Safari it will add any placemarks that are contained in the file as waypoints and add any route as a green track to the map. GPX files cannot be opened from Safari.

Add Waypoint View

The Add Waypoint view will appear when you add a waypoint from any of the first three methods above. It will allow you to edit the Name of the waypoint. You can select the coordinate type from the bar below the table. The definitions for the coordinate types are below -

- Dec - Decimal
- Dm - Degree-minute
- DMs - Degree-Minute-second
- MGRS - Military Grid Coordinate System
- UTM - Universal Transverse Mercator

You can choose to insert the waypoint as the next waypoint or the last waypoint. The exact order of the waypoints can be edited in the Waypoints view on the left menu.

You can choose to add the waypoint as a point or as a vector. Adding a waypoint as a point will allow you to edit the exact coordinates of the waypoint. Adding a waypoint as a vector will allow you to enter a direction and distance as a waypoint.

Saving Waypoints to Your Device

You can save any waypoint to your device for future use. Waypoints are not a safe way to store points on the map, unless you are in the middle of a track. Waypoints will be deleted when you stop a track or if you quit the application. To securely save a location you must save it to the device.

To save a waypoint to your device select the "Save to Favorites" button in the Add Waypoint view. In the Save to Favorites view you must select a "Group" or folder where the location will reside.

Convert Coordinates

To convert a coordinate to a different coordinate set, simply select the "+" button from the top menu and enter the coordinate that you would like to convert in any of

the five available coordinate systems. After you have entered it in then select the coordinate system that you would like to convert it to.

When you are finished you can select "Insert Waypoint" to add a new waypoint or tap outside of the pop-up view to exit the view.

Send a Link to a Friend with Email or Text Message

You can send a link to your friends via email or text message (this is available in IOS 5.0 and up). The link will open up either the Google Maps app or GPS Tracks with the location marked with a pin. This can be useful to send someone a link with your current location.

Waypoints

To send a link to the location from any waypoint, tap on the waypoint pin on the map and select the round blue button on the right side of the pop-up view. This will bring up the Edit Waypoint view. Select the menu button on the left of the bottom tool bar. Select either "Email" or "SMS".

Saved Locations

To send a link to the location that is saved to the device, browse to the location in the location tab or the menu at the left. Select the round blue button next to the location. This will bring up the Saved Location Detail view. Select the menu button on the right of the bottom tool bar. Select either "Email" or "SMS".

Getting Directions from Third Party Apps

You can send any waypoint or save location to either the Google Maps app or the Navigon app.

Waypoints

To send the location to the Google Maps or Navigon app from any waypoint, tap on the waypoint pin on the map and select the round blue button on the right side of the pop-up view. This will bring up the Edit Waypoint view. Select the menu button on the left of the bottom tool bar. To send the location to Google Maps select "Get Directions", to send the location to Navigon select "Send to Navigon".

Saved Locations

To send a location that is saved to the device, browse to the location in the Favorites tab. Select the round blue button next to the location. This will bring up the Saved Location Detail view. Select the menu button on the right of the bottom tool bar. To send the location to Google Maps select "Get Directions", to send the location to Navigon select "Send to Navigon".

Import

You can import five different file types – XML, KMZ, KML, GPX, and CSV

You can import a file from three different areas but all will have the same results. The waypoints or placemarks will be saved to the device in the Favorites section and the routes or tracks will be saved to the "Imported Routes" in the History tab.

If you open a file from the Mail app or the Safari app then a copy of that file is saved to your device so you can import if you need to. Opening a file from the Mail app or the Safari app does not save the contents to the waypoints or imported routes sections of the GPS Tracks.

You can import a file into GPS Tracks from the menu of the following areas-

- The Group or folder view in the Favorites tab.
- In a specific Group or folder
- In the History tab
- iTunes File Sharing

To use iTunes File Sharing you must have your iPhone plugged into your computer with iTunes running. Then select your device from the left side menu. From there select "Apps" from the top menu. This will display all of the apps that are on your device in the "Sync Apps" section. Below this will be a "File Sharing" section. This is where you will find a list of apps that you can transfer files to and from. Select GPS Tracks from the list on the left, a list of files contained in GPS Tracks will appear on the right. From this list you can add files to your device (by selecting "Add...") and save files from your device to your desktop (by selecting "Save to...").

XML Format

The XML format is used to export a recorded track to be imported to another GPS Tracks app.

KMZ and KML Files

There are many different implementations of the KML file format. GPS Tracks only supports a subset of the tags. The tags that are supported for waypoints are the "Placemark" with a "Point". The tags that are supported for a route or a track are "LineString" with "coordinates".

GPX Files

All tags are supported for the GPX format.

CSV Files

The CSV file format can only import waypoints, it cannot import routes or tracks. The format for the CSV file is Latitude, Longitude, Name (optional).

Export

You can export three different file types - KML, GPX, and CSV.

You can export waypoints from the Favorites tab and you can export saved tracks from the History tab. Waypoints and saved tracks can be emailed as well.

Once you have exported a file it will be saved to the device and can be retrieved via iTunes File Sharing.

XML Format

The XML format is used to export a recorded track to be imported to another GPS Tracks app.

iTunes File Sharing

To use iTunes File Sharing you must have your iPhone plugged into your computer with iTunes running. Then select your device from the left side menu. From there select "Apps" from the top menu. This will display all of the apps that are on your device in the "Sync Apps" section. Below this will be a "File Sharing" section. This is where you will find a list of apps that you can transfer files to and from. Select GPS Tracks from the list on the left, a list of files contained in GPS Tracks will appear on the right. From this list you can add files to your device (by selecting "Add to") and save files from your device to your desktop (by selecting "Save to").

Opening Files with GPS Tracks

Opening Files from the Mail app

You can open a KMZ, KML, or GPX file from the Mail app. Tap and hold your finger over the file and wait until a pop-up menu appears. Select the "Open with" option and select GPS Tracks from the menu. When you open a file with GPS Tracks, the contents are displayed on the map as waypoints and routes, but they are not saved in the app. To save the waypoints and routes to the app, you must import the file. See the Import page for further details on importing files.

Opening Files from Safari

You can open GPX, KMZ or KML files from Safari. To open a file, tap on the link to the file. A screen will appear, select the "Open with" option and select GPS Tracks from the menu. When you open a file with GPS Tracks, the contents are displayed on the map as waypoints and routes, but they are not saved in the app. To save the

waypoints and routes to the app, you must import the file. See the Import page for further details on importing files.

Import from GPS Tracks (iPhone) or GPS Tracks HD (iPad)

First export the track to the XML format on the device that the route was recorded on. Then add the exported XML file to the receiving device with iTunes File Sharing. In the receiving device import the XML file and it will now be stored on the new device just as if it were recorded on this device.

Settings

Units

- Feet - imperial units
- Meters - metric units

Speed Display

- Auto - will automatically select the correct units based on the rate of travel
- Pace - will display the velocity as time per distance or pace
- Speed - will display the velocity as distance per time or speed

Map Type

- Map - This is the basic street map
- Satellite - This is the map composed of satellite images
- Hybrid - This is the map composed of satellite images with the street name overlays
- Terrain - This map displays terrain features

Compass Display

- Degrees - Compass display units in degrees
- Mils - Compass display units in Mils with 6400 mils equal to 360 degrees

Coordinate Display

- Dec - Displays coordinates in decimal format
- Dm - Displays coordinates in whole degree and fractional minute format
- DMs - Displays coordinates in whole degree, whole minute, and fractional second format
- MGRS - Displays coordinates in Military Grid Coordinate System format
- UTM - Displays coordinates in Universal Transverse Mercator format

Disable Sleep Mode

This will disable the device from automatically going to sleep while using app. The device will go to sleep if it is left untouched for a few minutes and the screen will go dark. With this setting turned on, it will allow you to leave the device untouched but still view the screen for an indefinite period of time. If you are actively tracking your route then the device will track you whether the device is asleep or if the app is in the foreground or background. Though if you are not actively tracking your route then the app will turn off the GPS while the device is in the sleep mode, therefore saving battery power.

Rotate Map With Heading

This will rotate the map with your heading so map will always be oriented in the direction that you are facing. This feature is used in conjunction with the "User Location" button. When the "User Location" button is highlighted blue the map will rotate otherwise it will not rotate.

Auto Pause

This will pause the app while you are tracking your location if you stop for more than approximately 30-45 seconds. It will resume tracking if it detects that you have begun to move again. If this mode is enabled and you stop for more than five minutes while the app is in the background then it will turn off the GPS to save the battery life, but since the GPS is off it cannot start tracking again until the user presses the "Start" button on the top menu bar of the Map view.

Arrow in the Center of Map

The arrow is used to guide you where to drop a pin on the map.

GPS Navigation Precision

This improves the device's ability to detect its position and direction. This feature is only recommended if the device is plugged in.

Troubleshooting

Location is inaccurate or not present

When the user location (blue dot) is not present on the map this is usually caused by the Location Services not being enabled in the iPhone settings. To enable the Location services for the app follow the steps below.

1. Go to the iPhone settings
2. Verify that the iPhone is not in Airplane Mode
3. Select "Location Services"

4. Verify that Location Services is set to "ON" at the top
5. Scroll down to GPS Tracks and set the switch to "ON"
6. The user location should now be present on the map.

App is not functioning correctly or did not load properly

Sometimes the app can get locked up in a bad state and not function properly even after closing and reopening the app. When this happens it is good to reset the app entirely. This can be done with the steps below.

1. Close GPS Tracks
2. Double click on the iPhone Home button - this is the round button with the square on it below the screen
3. The multitasking menu should pop up at the bottom of the screen, find the GPS Tracks icon, you may have to scroll to the right
4. Hold down on the GPS Tracks icon for 2 seconds
5. Release when all of the icons have Red Circle with a minus sign on the upper left side of the icon
6. Tap the Red Circle above GPS Tracks to close the app
7. Now restart GPS Tracks, it should reinitialize properly this time