Garmin GPS 76 Walkthrough: Field Data Collection

Updated March 2, 2012

Zoom In

Zoom Out

Navigate

Rocker

On/Off & Light

Quit/Back Out

Page

Menu

Enter

Rocker Key Directions

**GPS Information Page**

Pointer Page
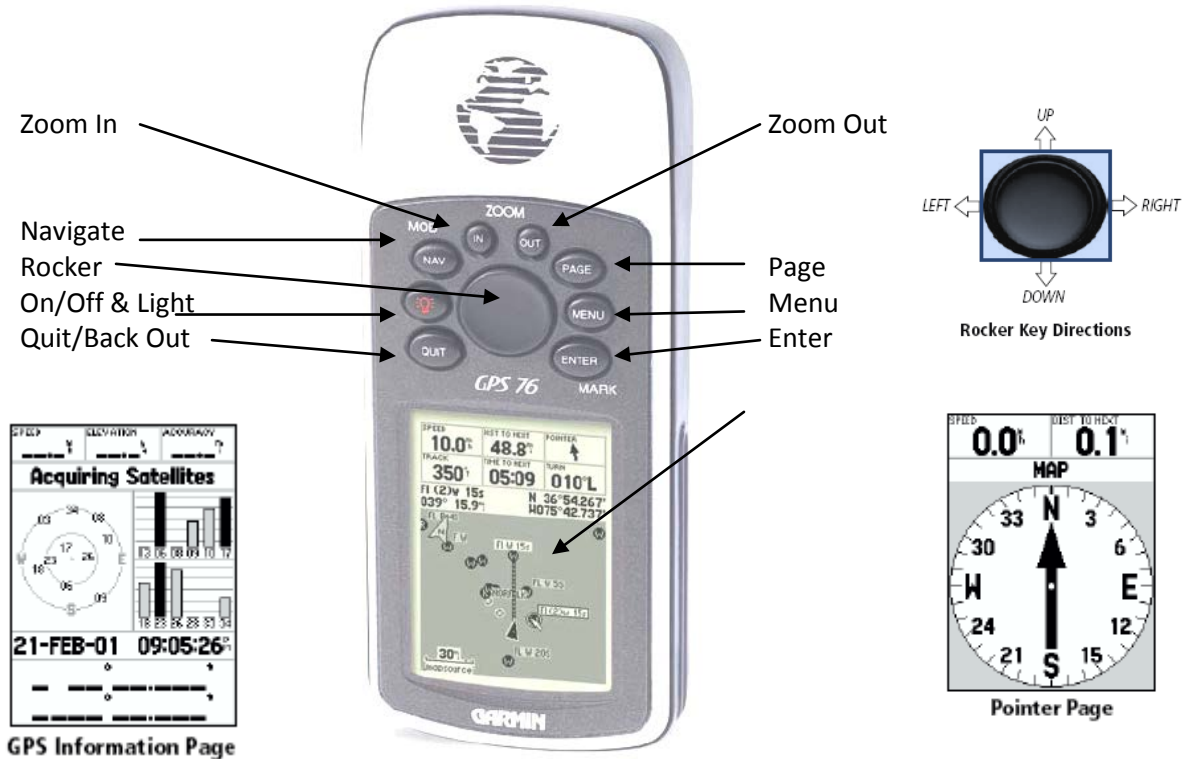
1. Turn on the GPS unit by pressing and holding the (red "light bulb") button down. Wait until the screen reads that it has acquired satellites.

   Note: the GPS unit receives signals better when it is pointed up towards the sky.

2. You may have to tell the GPS your **general location**. To do this, press **MENU** and use the rocker to scroll down to **NEW LOCATION**. Press **ENTER** and use the rocker to scroll down to **USE MAP**. **Zoom out** if necessary to see the world or your area. Use the ROCKER to move the pointer to your general location, press **ENTER**
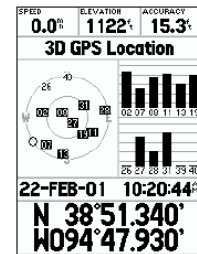
Setting the Coordinate System

If you need to change the type of coordinate used, do the following:

1. Press [MENU] twice then use the rocker to scroll down to setup. Press [ENTER]

2. Use the Rocker to scroll over to **Location**, then use the rocker to scroll down to **Location Format** and press [ENTER]. Use the rocker to select the location format. Press **Enter** again.

3. Check the other attributes, particularly **Time** to make sure you are in the correct time zone. Once completed press [QUIT] (QUIT) until you are back out to the guidance page.

Creating a Waypoint (Recording a Location)

1. Press and Hold [ENTER] until the mark waypoint page opens up. You will notice that the Waypoint Page has captured your coordinate location.

2. You can change the name of the waypoint if necessary, but we recommend leaving it as is and recording it in your data collection sheet.

3. Once finished entering the waypoint use the rocker to scroll down to the **OK** button.

Mark Waypoint Page
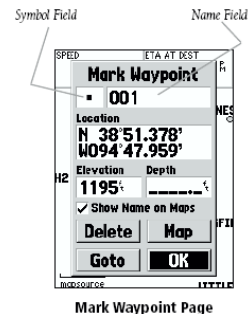
Manually Entering Coordinates for a Pre-Determined Waypoint

Note: You can upload xy (lat,long) coordinates to the GPS unit from a database or ArcGIS shape file using DNR Garmin freeware. This is a good option if you need to visit set locations in the field (e.g., a predetermined set of sample points). The following steps describe how to manually enter one coordinates for a waypoint.

1. Press and hold **ENTER** until the mark waypoint page opens up. A new waypoint is created with the current coordinates.

2. Use the rocker to navigate down to location and press **ENTER**

3. The location coordinates will become highlighted. To change your coordinates use the rocker up and down to move through the numeric values; move the rocker left or right to move between the numeric characters.

4. Once you have entered your new coordinates press **ENTER.**

5. Use the rocker to scroll down to **OK** and press **ENTER** again.

Navigating to a Waypoint (or How do I get from here to there?)

1. Press [NAV] (NAVIGATE).

   Highlight *Go to Point* and press **ENTER**.
   Highlight *Waypoints* and press **ENTER**.
   Highlight the waypoint you would like to
   travel to and press **ENTER**.

2. This will open the waypoint menu, use the
   rocker to scroll to "GO TO" and press **ENTER**.

3. Press [PAGE] until you are in the Pointer page.

4. As you move the pointer will swing to point you
   towards your waypoint destination. This page
   will also provide you with information on how
   far your destination is from your current
   location.

5. Press [PAGE] until you are on the Map Page.
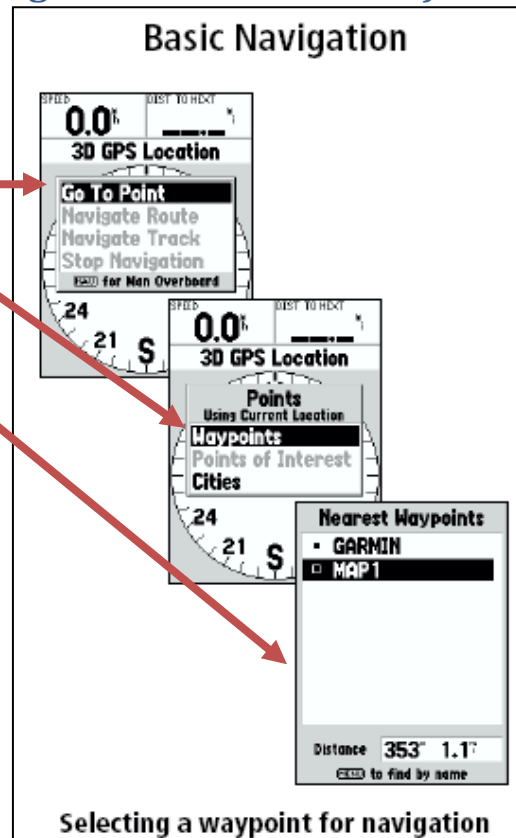
   The map page shows your position in relation to
   your destination, along with an estimate time
   of arrival based upon your speed.

Basic Navigation

Selecting a waypoint for navigation

Pointer Page
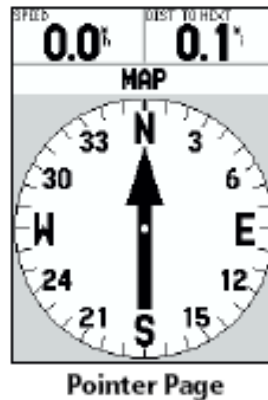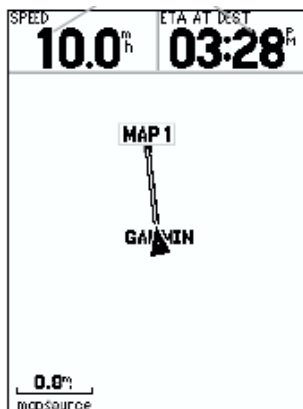
Turn off the GPS Unit by pressing and holding the Red Light Bulb button until it powers off.