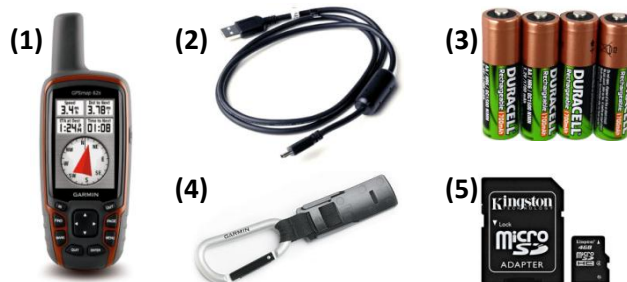


Wellesley College LTS Garmin GPS 62S Kit

The Garmin GPS 62S is a handheld unit that can get 3-5m positional accuracy. You can use this unit for geocaching (GPS-aided scavenger hunts), data collection, hiking, and many other activities. The points and tracks you collect with the unit can be imported into Google Earth, ArcGIS, and other mapping programs to view and analyze the data.

Contents

- (1) GPSmap 62S unit
- (2) USB Cable
- (3) 4 rechargeable AA batteries (2 in unit, 2 extra)
- (4) Carabiner Clip
- (5) 4 GB MicroSD Card (inside unit under batteries) & MicroSD Card Adapter
- (6) This documentation



Please check for these items BEFORE returning to the Clapp service desk.



If you intend to travel with this item, please test it before you leave campus.

Top 2 Things to Know Before You Use This Unit:

1. If you will be doing more than 25 hours of field work, consider checking out a battery charger with the GPS kit.
2. These units are *not* loaded with the maps necessary for in-car or turn-by-turn navigation. Their purpose is primarily for collecting field information (points or tracks). Custom data can be added to the units (see the Advanced Guide on our website at <http://web.wellesley.edu/web/Dept/LT/Computing/useequip.psmi>).

QUESTIONS? PROBLEMS? CALL THE CLAPP SERVICE DESK AT 781-283-2166
WORKING ON A PROJECT? CONTACT CAROLIN FERWERDA (CFERWERD) 781-283-2386

Garmin 62S GPS Quick Start Guide



Button	Function(s)
FIND	Press FIND to open the search menu.
MARK	Press MARK to save your current location as a waypoint.
QUIT	Press QUIT to cancel or to return to the previous menu/page.
ENTER	Press ENTER to select options and acknowledge messages.
MENU	Press MENU <i>once</i> to open the options menu for the page that is currently open. Press MENU <i>twice</i> to open main menu from any page.
PAGE	Press PAGE to scroll through the main pages.
Rocker (center button)	Press up, down, right, and left to select menu options and to move the map cursor.
IN	Press IN to zoom in on the map.
OUT	Press OUT to zoom out on the map.

Getting Started

1. Turn on the unit by pressing the power button on its right side. By default, the unit will begin searching for satellites in order to determine (fix) its location. You must be outdoors. This process may take 1 to 5 minutes.
 - a. As the GPS unit finds satellites, the "Locating Satellites" message will change to "Acquiring Satellites." Your location can be determined once three or more satellites are found.
 - b. To see which satellites are in the area, hit the MENU button twice to get to the **Main Menu**. Scroll down to the bottom and select **Satellite** (press the ENTER button). You will see an array of satellites.

2. If you see “Trouble finding satellites. Continue searching?”, select Yes and try moving away from buildings or trees so that the unit has a clear view of the sky.
 - a. (optional) To focus the unit’s search for satellites in your area, press the MENU button from the Satellites page. Select **Set Location on Map** and press ENTER. Use the ROCKER button to move the cursor over the map, and zoom IN and OUT to find your approximate location, then press ENTER.
- ➔ **Cycle through the pages by pushing the PAGE button. Access settings for each page by pressing the MENU button. You can access additional settings for pages and tools from the Main Menu page.**
- ➔ **To turn off the GPS unit, press and hold the power button until it turns off. To adjust backlighting, quickly press the power button.**

Collecting Waypoints

1. From any page, press MARK. Note that you can change the name and symbol of the waypoint by highlighting the fields and pressing ENTER.
 - a. (optional) To manually create a waypoint using predetermined coordinates, highlight the location field of a waypoint, press ENTER, and adjust the numeric values. Press ENTER after inputting the new coordinates.
2. To save the waypoint, select **Done** and press ENTER. Use the **Waypoint Manager** page (accessed from the Main Menu) to edit existing waypoints.

Navigating to a Waypoint or “How do I get there from here?”

First, calibrate the compass. From the compass page, press MENU. Select **Calibrate Compass | Start**. Be sure to calibrate the compass outdoors and away from cars, buildings, and overhead power lines.

1. From any page, press FIND. Select **Waypoints** and press ENTER.
2. Select a way point and press ENTER. When the map appears, select **Go** and press ENTER. Choose **No**. (Choosing No ensures that the map will move as you move rather than automatically panning towards the waypoint without providing navigation.)
3. The **Map Page** shows your position in relation to your destination. The **Compass** page points you the direction that you should walk, along with information about how far away your destination is from your current location and an estimate time of arrival based on your speed.
4. To stop navigating, press FIND and select **Stop Navigation**.

TIP: If you need to visit multiple locations (e.g., geocaches or sample locations), you can upload coordinates to the GPS unit from a text file using Garmin Basecamp or from an ArcGIS shapefile using DNR Garmin. To learn more, read the advanced GPS guide at <http://web.wellesley.edu/web/Dept/LT/Computing/useequip.psml>

Collecting Tracks

Tracks are automatically recorded while you are moving to show your path and distance/time of travel. You can save tracks and use them to navigate later, or you can use them to measure areas.

- Tracks can be *viewed* on the **Map Page**. Press FIND to search for existing tracks.
- To *save* your track, go to the **Main Menu** and open the **Track Manager**.
- To change time/ distance intervals or turn off automatic tracking, go to **Main Menu | Setup | Tracks**.

Changing Batteries

If both sets of rechargeable batteries are dead, you can use nonrechargeable alkaline batteries instead:

Step 1: Replace the batteries. Turn the metal ring on the back of the unit to unlock the battery compartment.



Step 2: Turn on the GPS. From the **Main Menu** page, select **Setup | System**. Change the battery type from **NiMH** to **Alkaline**.

For instructions about downloading your waypoints and tracks to a computer plus additional advanced tools and options visit:

<http://web.wellesley.edu/web/Dept/LT/Computing/useequip.psml>