

# iQue™ 3600

*integrated handheld  
Que™ applications guide*



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## FCC Compliance Information

The iQue™ 3600 complies with Part 15 of the FCC interference limits for Class B digital devices FOR HOME OR OFFICE USE. These limits are designed to provide more reasonable protection against harmful interference in a residential installation, and are more stringent than “outdoor” requirements.

Operation of this device is subject to the following conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The iQue™ 3600 does not contain any user-serviceable parts. Repairs should only be made by an authorized Garmin service center. Unauthorized repairs or modifications could result in permanent damage to the equipment, and void your warranty and your authority to operate this device under Part 15 regulations.

**CAUTION:** Use the iQue™ 3600 at your own risk. To reduce the risk of unsafe operation, carefully review and understand all aspects of this Owner's Manual—and thoroughly practice operation using the simulator mode prior to actual use. When in actual use, carefully compare indications from the iQue™ 3600 to all available navigation sources, including the information from other NAVAIDs, visual sightings, charts, etc. For safety, always resolve any discrepancies before continuing navigation.

**CAUTION:** IT IS THE USER'S RESPONSIBILITY TO USE THIS PRODUCT PRUDENTLY. THIS PRODUCT IS INTENDED TO BE USED ONLY AS A NAVIGATIONAL AID AND MUST NOT BE USED FOR ANY PURPOSE REQUIRING PRECISE MEASUREMENT OF DIRECTION, DISTANCE, LOCATION OR TOPOGRAPHY. THIS PRODUCT SHOULD NOT BE USED AS AN AID TO DETERMINE GROUND PROXIMITY FOR AIRCRAFT NAVIGATION.

**CAUTION:** The electronic chart is an aid to navigation and is designed to facilitate the use of authorized government charts, not replace them. Only official government charts and notices to mariners contain all information needed for safe navigation – and, as always, the user is responsible for their prudent use.

**MAP DATA INFORMATION:** One of the goals of Garmin is to provide customers with the most complete and accurate cartography that is available to us at a reasonable cost. We use a combination of governmental and private data sources, which we identify as required in product literature and copyright messages displayed to the consumer. Virtually all data sources contain inaccurate or incomplete data to some degree. This is particularly true outside the United States, where complete and accurate digital data is either not available or prohibitively expensive.

## Warnings and Precautions

**WARNING:** The Global Positioning System (GPS) is operated by the United States government, which is solely responsible for its accuracy and maintenance. The system is subject to changes which could affect the accuracy and performance of all GPS equipment. Although the Garmin iQue™ 3600 is a precision electronic NAVigation AID (NAVAID), any NAVAID can be misused or misinterpreted and, therefore, become unsafe.

**WARNING:** This product, its packaging, and its components contain chemicals known to the State of California to cause cancer, birth defects, or reproductive harm. This Notice is being provided in accordance with California's Proposition 65. If you have any questions or would like additional information, please refer to our web site at <http://www.garmin.com/prop65>.

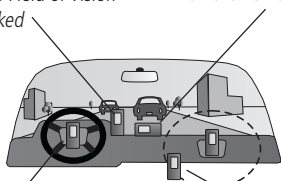
### Warnings and Precautions

#### **Important**

Because the Garmin iQue handheld can be used for vehicular navigation, important safety considerations must be observed. Please read and observe the instructions on this page.

*Do Not Mount Where Driver's Field of Vision is Blocked*

*Do Not Place Unsecured on the Vehicle Dash*



*Do Not Mount in Front of Airbag Panels*

*Do Not Mount in Front of Airbag Field of Deployment*

#### **Safety Warnings and Cautions—Read This First!**

**WARNING:** For use in vehicles, it is the sole responsibility of the owner/operator of the iQue™ 3600 handheld to place and secure the unit so that it will not interfere with the vehicle operating controls and safety devices, obstruct the driver's view of driving conditions, or cause damage or personal injury in the event of an accident.

Do not mount the iQue handheld over airbag panels or in the field of airbag deployment. Airbags expand with a rapid force that can propel objects in their path towards the vehicle driver or passengers causing possible injury. Refer to airbag safety precautions contained in the vehicle owner's manual.

Do not mount the iQue handheld in a place where the driver or passengers are likely to impact it in a collision. The mounting hardware provided by Garmin is not warranted against collision damage or the consequences thereof.

**WARNING:** When used in vehicles, it is the sole responsibility of the driver of the vehicle to operate the vehicle in a safe manner, maintain full surveillance of all driving conditions at all times, and not become distracted by the iQue handheld to the exclusion of safe driving practices. It is unsafe to operate the controls of the iQue handheld while you are driving. Failure by the driver of a vehicle equipped with an iQue handheld to pay full attention to operation of the vehicle and road conditions while the vehicle is in motion could result in an accident with property damage and personal injury.

### **Introduction**

The Garmin iQue™ 3600 handheld is designed to use Garmin GPS technology integrated with the Palm OS® (Operating System) to not only manage your personal data but to provide you with navigational guidance, voice recording and an audio player. Your iQue handheld comes with three manuals.

### **“Read This First” - SetUp Guide**

The SetUp Guide gives you computer connection and software installation instructions, and other important details. Before reading the other manuals, read the SetUp Guide which is printed on the Installation CD case.

### **Operating Instructions**

The Operating Instructions manual describes all you need to know about how to use your iQue handheld and the applications that come with it. (Available only on the Installation CD.)

This manual shows you how to:

- Turn On and Off you iQue handheld, reset the iQue handheld, and to enter data in greater detail.
- Use the HotSync® operation with your computer.
- Exchange data with another handheld using ifr beaming or Data Card media.
- Personalize your iQue handheld with your own setting preferences.
- Back-up data or transfer data into a different iQue handheld, maintain your iQue handheld and other technical information.

## About the Manuals

### **Que Applications Guide**

This Applications Guide describes how to use the installed Que™ add-on applications used for:

- Navigation
- Voice Recording (.WAV format)
- Playing .MP3 and .WAV format Audio Files

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Que Applications Launcher



Status Bar

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### Using the Que Applications Hard Button

Pressing the Que™ “Hard” Button on the front of your iQue™ handheld allows you to quickly access selected Applications. Use the Que “Hard” Button to:

- Quickly access and display Applications
- Re-activate the iQue when in the “Auto-Off” mode.

### **Choosing Que applications to display using the Que Button:**

1. Tap the Prefs application icon to display the Preferences page.
2. Tap the ▼ symbol in the Menu bar at the top of the page to display the pick list of preferences and select **Que**.
3. Tap the ▼ symbol next to the option below the “Preferences” title block to display a list of Que preferences and then tap **Que Button** to display the Que Button options check list.
4. Use the stylus to place a check in the boxes for the Que applications you desire to cycle through.
5. Use the arrows to change the order of the Que Applications. The application at the top of the list displays first.

### **Choosing other applications to display using the Que Button:**

While the Que button is designed for quick access to navigation applications, it can be used to display any application on the list.

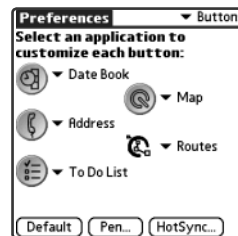
1. Tap the **Prefs** application to display the Preferences page.
2. Tap the ▼ symbol preceding the text at the top of the page to display the pick list of options. Then tap the **Buttons** option to display the button customizing page.
3. Tap the ▼ symbol next to the Que Button to display the list of Applications to choose from.

## The Que “Hard” Button



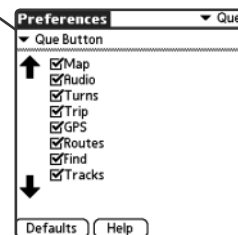
Que (Q) Button

Buttons  
Page



GPS  
Guidance  
Location  
Maps  
Que Button  
Routing  
Tracks  
Units

Que  
Button  
Page  
Display  
Options



### Initializing the GPS Receiver

GPS Antenna in the On Position



Pull out and rotate up to the On Position

### Initializing the Receiver

The GPS Receiver must be initialized (given an opportunity to determine its location) before you can begin using it for navigation. Before it can receive signals from GPS satellites overhead, you must turn the receiver on. This can be accomplished by deploying the antenna on the back of the iQue™ handheld by rotating it up to the On position. In order to receive satellite signals, you must have a clear view of the sky. Satellite signals cannot pass through solid materials (except glass) or dense overhead tree cover. When the unit initializes for the first time it may take as long as 15 minutes. This time can be shortened by using the map to point to the general area in which you are currently located (see page 6). Anytime you have traveled more than 600 miles with the GPS receiver turned off, the iQue handheld must again find its location by re-initializing.

### Using QueGPS



QueGPS is an information type application that displays the current status of satellite reception by showing the location and numbers of the satellites in the sky overhead. A signal strength bar at the bottom of the page shows the signal strength of each satellite being received.

Use QueGPS to:

- Observe the status of GPS satellite signal reception.
- View the current date and time.
- Determine your current location coordinates and their accuracy.
- Determine your current speed.
- Determine your approximate elevation (altitude above mean sea level).

### To view the QueGPS Application Satellite Status Page:

1. Tap the **HOME** icon to display the applications launcher, then tap the QueGPS icon.
2. Or, simply tap the GPS Status Area in the center of the Applications Status Bar.

At the top of the Satellite Status Page is a message containing the status of the GPS receiver and a sky view array on the left side representing the position of satellites in the sky overhead with your position in the center of the two circles. The outer circle indicates the horizon while the inner circle a position 45° from the horizon. The numbers displayed indicate the number assigned to those satellites.

A bar graph at the bottom of the page displays the strength of signals being received from each satellite. An “Acquiring Satellites” message is displayed until at least three satellites with sufficient signal strength have been received. When the GPS receiver has determined its location, a “2D” message appears and your location coordinates display at the top of the left hand column.

On the right, the date and time displays, and if you are moving, your current speed displays as well.

When you have sufficient signals from four or more satellites, a “3D GPS Location” message appears and the approximate elevation also displays at the bottom of the column.

The accuracy of your current position displays at the bottom of the list. All of this information continues to update as you navigate.

### Using QueGPS

The screenshot shows the QueGPS application interface with the following elements and labels:

- Acquiring Satellites Message:** A box at the top showing "Acquiring Satellites", "24-FEB-03", and "01:31:42pm".
- 2D GPS Location Message:** A box below showing "2D Location", "N 38°51.359' 24-FEB-03", and "W 094°47.941' 02:19:51pm".
- 3D GPS Location with WAAS enabled Message:** A box at the bottom showing "3D Differential Location", "15 S 0343916 04-JUN-03", "4302090 09:55:58am", "Speed: 0.0 mph", "Elevation: 1013 ft", "Accuracy: 13.6 ft", and a bar graph for "GPS Signal Strength".
- Menu Bar:** Located at the top left of the main screen.
- Current Location:** The top left section of the main screen.
- GPS Satellite Location:** The sky view array in the center.
- Sun and Moon Position:** The sun and moon icons in the sky view.
- Applications Status Bar:** The bottom bar of the screen.
- GPS Status Area:** The bottom right corner of the screen.
- Date and Time:** The top right section of the main screen.
- Speed:** The speed display in the middle right.
- Approximate Elevation:** The elevation display in the middle right.
- Accuracy:** The accuracy display in the middle right.
- Differential Navigation (D) with WAAS enabled:** The "D" icons in the bar graph.

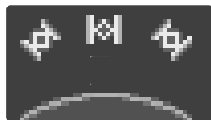
At least three satellite signals of sufficient strength are required to generate a 2D location fix

Four or more satellite signals of sufficient strength are required to generate a 3D location fix

### GPS Receiver Status



Acquiring Satellites



Receiving Satellites  
(Ready to Navigate)



GPS turned Off  
(Conserves Battery Power)

### The GPS Receiver Status: On, Off or Acquiring Satellites

The GPS Receiver can be in three states, On, Off, or Acquiring for enough satellite signals to determine its location.

#### To determine the GPS Status at a glance:

1. Observe the small color window at the center of your handheld status bar.
2. When GPS is On and searching for satellite signals, the window will appear as shown in the top left illustration.
3. When enough satellite signals are being received to establish a location fix, the window will appear as shown in the middle left illustration.
4. When the Antenna is closed and the GPS is Off, the window will display a sky with no satellites.

It is IMPORTANT to remember that whenever the antenna is not in the fully closed position, that the GPS receiver is operating.

The GPS receiver can, from time to time, lose satellite signals due to interference from tree cover, buildings, etc., so monitoring the GPS Status Window from time to time is recommended. If you don't want the GPS Receiver On, and particularly when indoors, keep the antenna closed!

You can tap the Satellite Status window at any time to display the QueGPS application and view satellite status in detail.

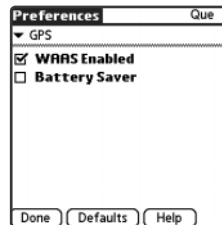
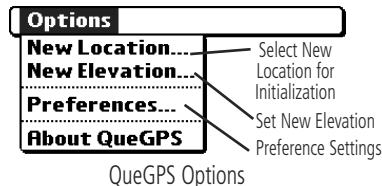
**To use QueGPS Options:**

1. Tap the **QueGPS** application tab or the **Menu** icon to display the Options Menu.
2. Observe the list of options:
  - Tap **Preferences** to display the GPS preference options.
  - When in 2D mode, tap **New Elevation** to reset the elevation.
  - Tap **New Location** when initializing the GPS Receiver if you have moved over 600 miles from your last use location or if you have not powered up the unit in over thirty days.

**To use QueGPS Preferences:**

1. Tap the **Preferences** option to display the GPS Preferences Menu.
2. Observe the list of options with check boxes:
  - Tap **WAAS Enabled** to enable the Wide Area Augmentation System operating mode. (See Additional Information about WAAS on page 53.)
  - Tap **Battery Saver** to change the rate at which the GPS receiver updates your position data to conserve battery power. The GPS receiver slows the frequency at which it calculates your location and therefore requires less battery power with the result being a slight loss in position accuracy. The GPS is turned completely Off when the antenna is fully closed.

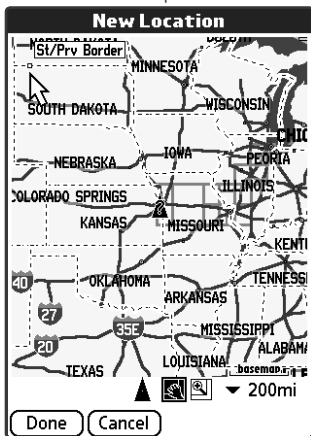
You cannot operate in the WAAS and Battery Saver modes at the same time. If you attempt to check both boxes, a message will display and the last option checked will remain on after you tap the message "OK"

**QueGPS Options**

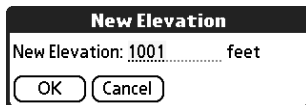
## QueGPS Options



New Location Options Window



New Location on Map Page



New Elevation Window

## New Location

The GPS Receiver must be re-initialized (given an opportunity to determine its location) if you have moved more than 600 miles from your original location. To speed up this process, you can use the map to mark your approximate location. This must be selected before the iQue™ handheld has determined your location on its own.

## To establish a New Location:

1. Tap the **New Location** option to display the “New Location” window. Tap either **Automatic** or **Use Map**.
2. If you choose **Use Map**, use the stylus to pan the map to your current general location and tap it to place a new location arrow there.
3. Tap the **Done** button to complete initialization.

## New Elevation

The GPS Receiver can determine your approximate elevation, but it isn't as accurate as your horizontal location. If you have a reliable alternate source for determining your elevation, you can enter that information in the “New Elevation” dialog window, but only before the receiver determines your location.

## To enter a New Elevation:

1. Tap the **New Elevation** option to display the “New Elevation” page.
2. Use the Graffiti® 2 input area to enter the new elevation.
3. Then tap the **OK** button to return to the QueGPS application.



### Using QueMap



The QueMap application displays a detailed map of the area surrounding your current location. It allows you pan the map with the stylus as well as view your progress when navigating. Your current location is shown as a solid black arrow. When in the “Track Up” mode, a north reference arrow appears at the top left corner to orient the map. When the Track Log feature is active, your path of movement is indicated by a dotted Track line.

Use QueMap to:

- Determine your current location
- View your progress while moving
- Locate and navigate to nearby map items
- Follow a route line when navigating
- Highlight and view information about locations on the map

### To use the QueMap Application:

1. Press the Que applications button on the front of the handheld to display QueMap, or use the **Applications Launcher** and tap the **QueMap** icon to display the Map Page.

### Viewing the Map Page

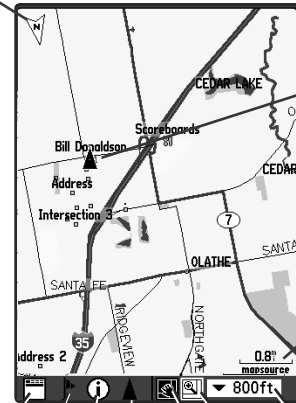
The Map Page is the primary feature of the QueMap application. From this page you can observe a triangular arrow that indicates your current location and direction of travel. As you move, the arrow moves with you, turning when you turn and stopping when you stop.

### Using QueMap



Map

Map Orientation (Track Up)



Current location icon

Map Scale and origin of map data displayed

Display Format Selector

Mark Location Information Button

Center Location on Map

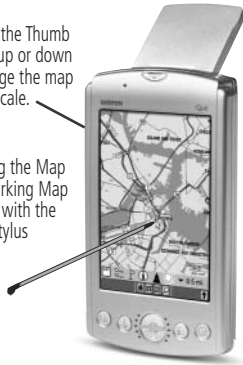
Pan Map with Stylus

Map Scale Selector View Area Selector

### Using QueMap


Rotate the Thumb Wheel up or down to change the map scale.


Panning the Map and Marking Map Items with the Stylus




The Map also displays detailed geographic information such as highways and roads, lakes and rivers, cities, waypoints and residential streets, depending on the detail of map data being used. Detailed maps can be loaded from map data CD's using the MapInstall feature as explained on page 49 of this guide.

There two options: North Up and Track Up. North Up orients the map like a paper map, while Track Up orients the map in the direction of travel. As you travel to the edge of the display, the map moves (redraws) to constantly show your current location. When using "Track Up", the North arrow indicates the map orientation.

When the "Pan Map with Stylus" mode  is selected, dragging the stylus across the screen causes the map to pan with the movement of the stylus.


Tapping the stylus on the map places a map pointer on any selected location on the map. If that location is supported by detailed mapping data a description will display, briefly. Any point on the map can be saved as a waypoint by tapping the Waypoint Marker Flag  in the map toolbar.


The map color can automatically compensate for the difference in day and night lighting conditions. See QueMap preferences on page 11.


The map scale can be changed to show more map area with less detail or more map detail with less area. Rotating the **Thumb Wheel** on the side of the iQue™ handheld up or down or pressing the **Up** and **Down** keys on the front of the unit increases or decreases the scale in single increments. To move to a specific scale, use the Map Scale Selector mode .


### Using the QueMap Application Selector Icons

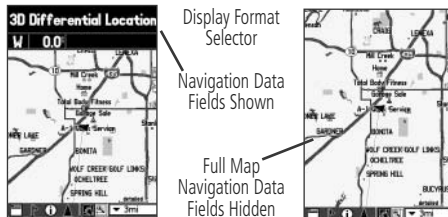
With QueMap displayed tap the desired selector to activate the feature as described below:

 Tap the **Display Format** icon on the map toolbar to toggle between displaying and hiding the navigation data fields.

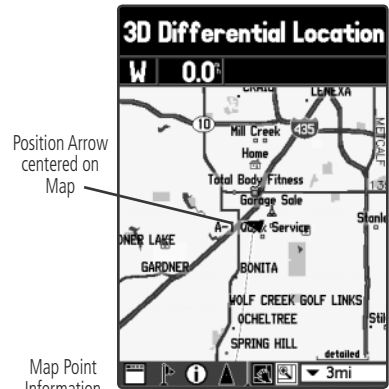
 Tap the **Waypoint Marker Flag** on the map toolbar to display the “Mark Waypoint” entry window for your current location (Position Arrow) or a “New Waypoint” entry window for the Map Pointer. The window will display with a name describing the location if identified as an item in the map data or as Waypoint 1, 2, 3 etc.

 Tap the **Information** icon to display information about a location identified by the Map Pointer on the Map Page. When tapped, an information window displays describing the location if identified as an item in the map data or a position coordinates (i.e. lat/lon).

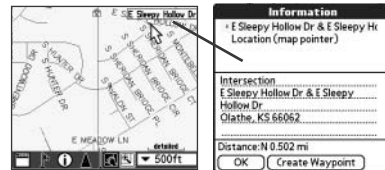
 Tap the **Position Arrow** icon (vehicle pointer) to center the map on your current location.



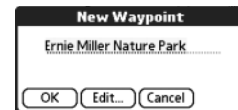
### Using QueMap



Map Point Information



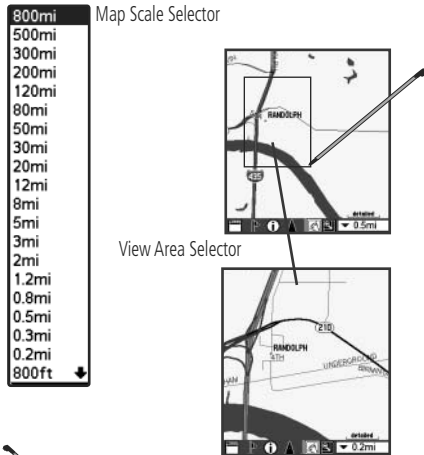
Waypoint Marker



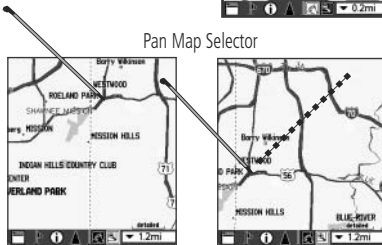
# iQue™ 3600

## GPS Applications

### Using QueMap



View Area Selector



Pan Map Selector



Tap the **View Area** icon to allow you to define an area on the map with the stylus that will be enlarged when you lift the stylus from the screen.

Select a point adjacent to the area you want to enlarge and then drag the stylus to create a box around the area. Lift the stylus to complete, allowing the map to redraw.

Note that, when the View Area Selector is active the Pan Map feature is not usable.



Tap the **Pan Map** icon to allow the stylus to drag the map and to mark map items with the map pointer (Panning Arrow).

Place the stylus anywhere on the map and then move the stylus. The map moves with the stylus and exposes the part of the map previously out of view. Lift the stylus to stop panning.



Tap the **Map Scale** icon to display the list of map scales. Drag the arrow to scroll through the entire list of scales. Tap the scale you want and the map will display at that scale.

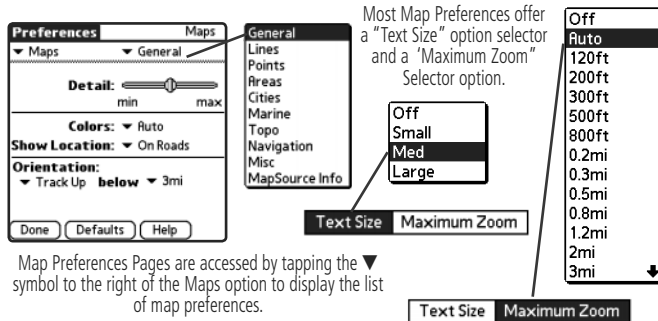
## Using Preferences for QueMap

Use Maps Preferences to:

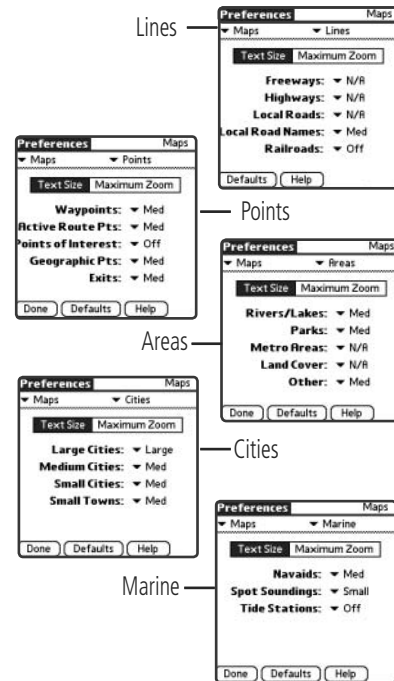
- Reduce “Map Clutter” by controlling how items are displayed.
- Set the maximum Zoom scale at which map items display.
- Control the display of multiple map features.

The factory (default) settings for these preferences allow you to operate the QueMap application with confidence. As you become more familiar with its operation, you may desire to customize the application to fit your needs.

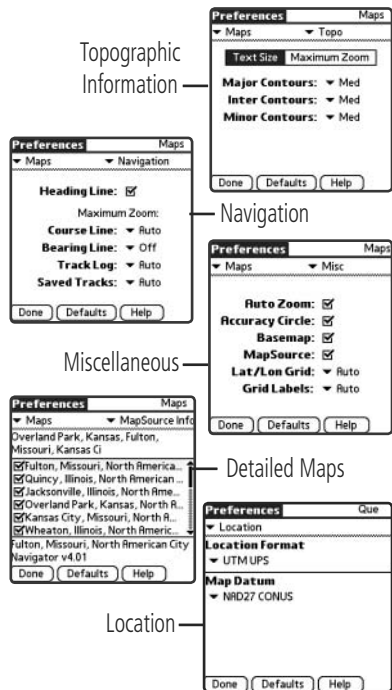
Each preference window is provided with a “Help” button to explain preference settings in detail. These pages provide an overview of the preferences available.



## Using QueMap



## Using QueMap



In all preferences, tapping the **Help** button will provide detailed information about those preferences.

For more information about Heading, Course and Bearing lines, consult the Garmin web site at [www.garmin.com/aboutGPS/](http://www.garmin.com/aboutGPS/).

Detailed map information preferences can be set to display selected detailed maps stored in the iQue or on a Secure Digital Card. See page 49 for more information on detailed map MapInstall procedures.

The Miscellaneous preference options provide check boxes to allow you to turn on or off some features as you prefer.

You may want to experiment with such features as Auto-Zoom (sets the maximum scale for display of map items in conjunction with the map detail setting), Accuracy Circle (Defines your location within the confines of the circle. Circle size is determined by map resolution and GPS receiver accuracy), and Basemap to determine your preferences.

## Location Formats and Map Datums

While Location preferences are not a part of Map Preferences, you may want to reset them to match those on paper maps that you plan to use in conjunction with GPS navigation.

You can display position coordinates using specific formats and datums selected from the Que Preferences, Location options. Detailed information about how to use formats and datums can be found on page 55.

### Using QueFind



The QueFind Application displays lists of geographic points in the map database and downloaded detailed maps.

Use the QueFind application to:

- Use existing lists of map data items such as Waypoints, Cities, and Points of Interest to find desired destinations and navigate to them using the QueRoutes application.
- Find items contained in the map data and in the Address Book.
- View details about items, such as addresses and telephone numbers.
- Find items to use as a destination for a route.

### **To open the QueFind Application:**

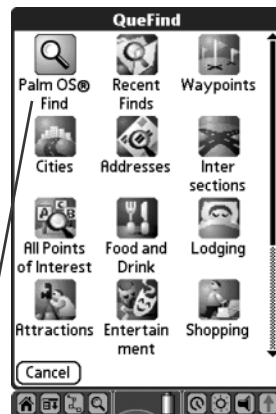
1. Tap the **magnifying glass icon** on the status bar or next to the Graffiti® 2 input area.
2. Or... use the Application Launcher and tap the QueFind icon..

Once the QueFind application is displayed, tap the icon of the category in which you want to find items.

### Using QueFind



Find



Palm OS® Find is a Palm OS® application for finding items within the PalmOS® (Operating System). Tap this to find an Address Book item, etc.

## Using QueFind

Search Method

| QueFind                    |    | Waypoints |
|----------------------------|----|-----------|
| ▼ Nearest Current Location |    |           |
| • Garmin                   | SW | 89.4 ft   |
| • Garmin                   | SW | 89.4 ft   |
| • Garmin                   | SW | 89.4 ft   |
| • Garmin                   | SW | 89.4 ft   |
| • A-1 Quick Service        | SE | 0.9 mi    |
| • Intersection             | E  | 1.0 mi    |
| ▲ Garage Sale              | NE | 1.3 mi    |
| • Waypoint                 | NE | 1.3 mi    |
| • Waypoint 1               | NE | 1.3 mi    |
| • Home                     | N  | 3.5 mi    |
| • Mill Creek               | N  | 4.9 mi    |
| • Robert Boston            | N  | 5.0 mi    |
| • Holliday                 | N  | 12.6 mi   |

Find Items List

QueFind Categories List

| Recently Found Places  |
|------------------------|
| Waypoints              |
| Cities                 |
| Addresses              |
| Intersections          |
| All Points of Interest |
| Food & Drink           |
| Lodging                |
| Attractions            |
| Entertainment          |
| Shopping               |
| Services               |
| Transportation         |
| Emergency & Gov.       |
| Manmade Places         |
| Water Features         |
| Land Features          |

## Searching for Find Items

To select and view an item from a QueFind category:

1. Once you have selected a category from the display of Find icons, the Find items list is displayed.
2. You may choose a search method for an item using **Near Current Location**, **By Name**, or **Near Other** options.

If the map pointer is present on the map page, **Near Map Pointer** is available to allow you to search for items near the map pointer. If on an active route, **Near Route Destination** is available.

3. You can shorten your search list by entering the name of the item at the top of the page in the "Name" or "Containing" field.
4. When the list is displayed, highlight a single item.
5. Then tap **Details** to display an information page that provides a map showing the item location, the distance from your current location, the item name along with item type, address and phone number (if available). Tap the **Done** icon to return to the list or the **Save Waypoint** button to save it on the Waypoints list.
6. Tap **Route** to generate a route to this item.
7. Tap **Done** to return to the previous QueFind page.

Near Current Location  
By Name  
Near Other

Search Methods

Near Current Location  
Near Map Pointer  
By Name  
Near Route Destination  
Near Other

Near Current Location, By Name, and  
Near Other Options

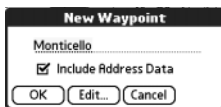
Near Map Pointer and Near Route  
Destination Options



### Finding Cities

#### To select a city from the Cities List:

1. Tap the **QueFind** icon then tap **Cities** to view the Cities List.
2. You may choose the search method to select **Nearest Current Location** or **By Name** options.  
If the map pointer is present on the map page, **Nearest Map Pointer** is available to allow you to search for cities near the map pointer.
3. You can shorten your search list by entering the name of the city at the top of the page in the "Name" or "Containing" field.
4. When the list is displayed, highlight a single city.
5. Then tap **Details** to display an information page that provides a map showing the city location on the map, the distance from your current location, the city name along with state and country information. The title of the page identifies the size category of the city (if that information is available). Tap the **Done** button to return to the list or the **Save Waypoint** button to save it as a waypoint on the Waypoints list.
6. With the city highlighted on the list, tap **Route** to generate a route to this city.
7. Tap **Done** to return to the previous QueFind page.

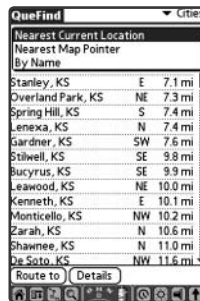


The "New Waypoint" window displays when saving a city item as a waypoint.

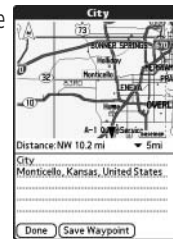
### Using QueFind



Cities List with search methods menu displayed



City Details Page with map, distance, map scale, and city information



## Using QueFind



## Addresses

QueFind  
Address Entry Fields

Finding an Address**To find an address:**

1. From the QueFind application, tap the **Addresses** icon to display the Addresses page.
2. If you know the region (state, province), city, or postal code of the address, enter them now. These will be used to limit the search results, as well as limit the choice of street and city names.

To enter the regions, city or postal code, tap on the selector trigger, then tap on an item in the list. If you select a city, the region field is hidden; to show the region field again; tap on the city name and tap the **Use All** button at the bottom of the Select City Name dialog box.

To again search all regions or postal codes, tap on the region or postal code selector trigger and then tap the **Use All** button at the bottom of the dialog box.

3. Enter the desired street number in the "Number" field. **Number: 3923**

- Tap the street field to display the "Select Street Name" dialog box. Use the Graffiti<sup>®</sup> 2 input area to begin entry of the street. When the desired name of the street is displayed, tap it to place it on the page.

Street names are entered and selected using only the body of the street name, For example, if the street portion of the address you are finding is "E. Main St", enter only "Main" and select "Main" from the list. Likewise if the street portion of the address is "N 13th Ave" enter only "13th" and select "13th" from the list.

Tap the **Prefix/Suffix** button to display options for the street prefix and suffix. If there is no prefix or suffix to be added, select **None**. After you have made your selections, tap **OK** to return to the QueFind Addresses page.

- Tap the **Search** button.
- Then follow the instructions on page 14.

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## GPS Applications

### Using QueFind

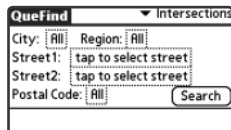
Search for Best Matches

Address  
Detailed Information Page

# iQue™ 3600

## GPS Applications

### Using QueFind



QueFind Intersections

City: All Region: All

Street1: tap to select street

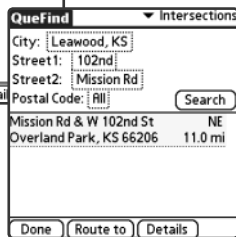
Street2: tap to select street

Postal Code: All Search



### Intersections

List of Matches  
for Entry



QueFind Intersections

City: Leawood, KS

Street1: 102nd

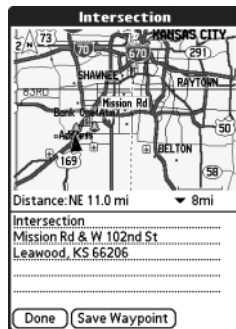
Street2: Mission Rd

Postal Code: All Search

Mission Rd & W 102nd St NE  
Overland Park, KS 66206 11.0 mi

Done Route to Details

Intersection  
Detail  
Information  
Page



Intersection

Distance: NE 11.0 mi 8mi

Intersection  
Mission Rd & W 102nd St  
Leawood, KS 66206

Done Save Waypoint

### Finding an Intersection

#### To find an intersection:

1. From the QueFind application, tap the **Intersections** icon to display the Find Intersections page.
2. If you know the region (state, province), city, or postal code of the address, enter them now. These will be used to limit the search results, as well as limit the choice of street and city names.

To enter the regions, city or postal code, tap on the selector trigger, then tap on an item in the list. If you select a city, the region field is hidden; to show the region field again; tap on the city name and tap the **Use All** button at the bottom of the Select City Name dialog box.

To again search all regions or postal codes, tap on the region or postal code selector trigger and then tap the **Use All** button at the bottom of the dialog box.

3. Tap the street field to display the "Select Street Name" dialog box. Use the Graffiti® 2 input area to begin entry of the street. When the desired name of the street is displayed, tap it to place it on the page.

Street names are entered and selected using only the body of the street name. For example, if the street portion of the address you are finding is "E. Main St", enter only "Main" and select "Main" from the list. Likewise if the street portion of the address is "N 13th Ave" enter only "13th" and select "13th" from the list.

Tap the **Prefix/Suffix** button to select the remainder of the street name if applicable.

4. When fields are completed, tap the **Search** button.
5. Follow the instructions on page 14.

### Finding a Point of Interest

Because the amount of information available in the Points of Interest category is so extensive, it is divided into smaller categories to help refine your search for an item.

#### To use QueFind Points of Interest:

1. Tap the **QueFind** icon from the Que Applications launcher, the Graffiti® 2 input area or the small icon at the base of the screen to display the QueFind application.
2. Tap the desired category to display the list of items in that category or the entry dialog for Addresses or Intersections.
3. If you selected a category with a list, you are given a choice of displaying items by name or only those near your current location. You can further refine your search by selecting a sub-category from the "All-Types" list.
4. Tap the desired subject to display the refined list of items related to that subject.
5. With the list displayed, highlight a single Point of Interest item.
6. When you tap **Details**, an information page displays, showing a location map and detailed information about the item (phone number, address, etc.).
7. After you have viewed details about a Find item, that item is added to the Recently Found Places list to simplify the process for reviewing. To review an item, simply tap the "Recent Finds" icon to display the list.

### Using QueFind



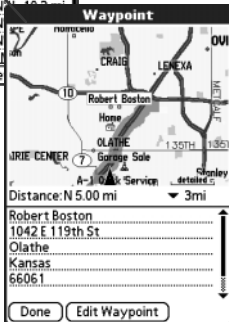
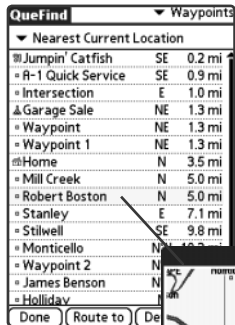
Tap to display the list of items for each category.

Note that, Man-made Places, Water Features, and Land Features are specific to only certain types of detailed maps, such as marine charts or topographic maps that you have downloaded.

## Using QueFind



## Waypoints

Finding Waypoints

A waypoint is an Address Book entry with a set location. Only Address Book entries with set locations will be displayed in the Waypoints list.

To learn specific information about saving a location as a waypoint, refer to the section titled, “Using Waypoints” on the following page.


**To find a waypoint using QueFind:**

1. Tap the **QueFind** icon, then tap the **Waypoints** icon to view the Waypoints List. To narrow the list, tap the icon under the QueFind tab to display those waypoints nearest your location.
2. To view information for a highlighted waypoint, tap **Details**. To create a route to a waypoint, tap **Route To**.
3. Tap **Done** to close.

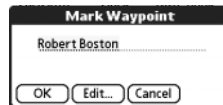
### Using Waypoints

A waypoint is an Address Book entry with a set location. Any QueFind location can be saved as a waypoint.

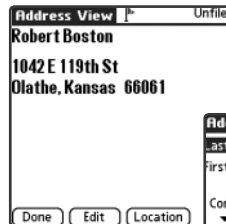
#### To mark your current location as a waypoint:

- There are two methods for marking your location as a waypoint:
  - Use the stylus to tap the waypoint icon  at the base of the map. Be certain the map pointer arrow is not displayed or the location on the map, marked by the arrow, will be saved as the waypoint.
  - Press in and hold the **Thumb Wheel** on the side of your handheld.
- The "Mark Waypoint" dialog box is displayed with the waypoint automatically named as "Waypoint". (Each subsequently marked waypoint will be named "Waypoint 1, 2, 3", etc.)
- You can use the Graffiti® 2 input area to rename the waypoint to one more descriptive of your location.
- To save the waypoint to the Address Book, tap **OK**.

### Using Waypoints

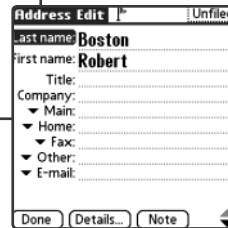


Mark Waypoint Dialog  
Used for saving a location as a waypoint

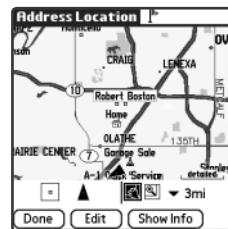


Waypoint Address View Dialog  
with added information.

Waypoint Address Edit Dialog  
Allows you to add detailed information about a waypoint.



Address Location Map for a waypoint



## Using Waypoints

Waypoint  
Marked on the  
Map PageNew  
Waypoint  
Window

Waypoint Details Page with Route Shown

## To save a point on the map as a waypoint:

1. With the Map displayed, use the stylus to tap a desired location on the map which causes the map pointer to display. If the point on the map where you tapped has descriptive information in the map database, it displays for six seconds.
2. Once the map pointer is at the desired location, tap the Waypoint icon at the bottom of the map to display the "New Waypoint" window.
3. Observe that the "New Waypoint" window has named the location as an address, intersection, or named map item if supported by data in the map database. If not supported, it names the location as Waypoint 1, 2, 3, etc.
4. You can use the Graffiti® 2 input area to rename the waypoint.
5. If the point on the map is an address, checking the "Include Address Data" option will copy the address information to the new waypoint.
6. To save the waypoint to the Address Book, tap **OK**.

## To view a waypoint on the map:

1. From the Address Book application use one the following procedures:
  - Tap either the **Flag** icon or the **Location** button from the "Address View" form.
  - Tap the **Flag** icon at the right side of the waypoint entry on the list view.
2. From QueFind, Find Waypoints, highlight a waypoint in the list, and tap the **Details** button.



## Using a Waypoint as a Route Destination

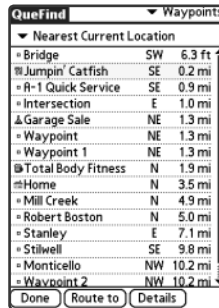
### Using QueFind to select a Waypoint:

1. Tap the **QueFind** icon in the Status Bar or to the side of the Graffiti® 2 input area.
2. Tap the **Waypoints** icon to view the Waypoints list.
3. Highlight the desired waypoint and tap **Route To**.
4. Observe the route on the Map Page.

### Using the Address Book to select a Waypoint:

1. Tap the **Address Book** icon to launch the Address Book application.
2. Tap the desired item to display the "Address View" page.
3. Tap the **QueRoutes** icon in the Status Bar or to the side of the Graffiti® 2 input area.
4. Tap the **Route To...** option.
5. Observe the route on the Map Page.

## Using Waypoints



QueFind  
Waypoints List  
with  
highlighted  
waypoint



Waypoint  
Location  
from the  
Address Book

QueRoutes  
"Route To..."  
option

## Using Waypoints



Address View Dialog



Address Edit Dialog

**To edit a waypoint using the Address Book:**

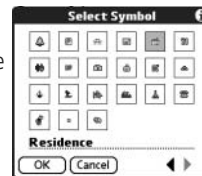
1. Launch the Address Book then select the desired waypoint from the list.
2. The Address View page displays.
3. Then tap **Edit** to display the Address Edit page.

**To edit a waypoint using the Waypoints List:**


1. Launch the QueFind Application then tap the **Waypoints** icon to view the Waypoints List.
2. Tap the waypoint to highlight it and then tap **Details** to display the Waypoint Detail page.
3. Then tap **Edit Waypoint** to display the Address Edit page.

**To edit a waypoint symbol:**

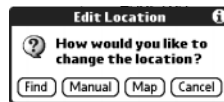
1. From the Address Book access the "Address Location" window by tapping the Flag icon to the right of the address listing.
2. Then tap **Show Info** to display the Information Window for that Waypoint.
3. Tap the **Symbol** icon to display the "Select Symbol" window.
4. Tap a symbol to select it.
5. The description of the symbol is displayed at the bottom of the screen.
6. Tap the **Arrows** at the bottom right to move between pages of symbols.
7. To **OK** to use the selected symbol or to **Cancel** and keep the current symbol.



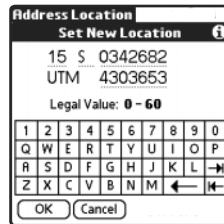
## To change the location of a waypoint:

1. Access the waypoint you want to move, from the Address Book.
2. Once a waypoint has been identified, tap it to display the Address View page and then tap the **Location** button to display the Address Location page.
 
3. Observe that the “Map” option at the top of the page. Tap it to display the Details option and then tap the **Details** option to display the details page for that waypoint.
4. Tap the information contained in the dotted box around the Location information to display the “Edit Location” window.
5. You have three methods in which to change the waypoint location:
  - Tap the **Find** button to use QueFind to find a location for the waypoint.
  - Tap the **Manual** button to enter new location coordinates using the Graffiti® 2 input area. The “Legal Value” text will indicate the range of numbers or letters that are allowed for each field of the current location format.
  - Tap the **Map** button to display the Map page which will allow you to tap anywhere on the map and designate it as the new location. A dotted line will connect the new location with the old and the word “MOVE” will appear below the map pointer. Tap done to complete the move.

## Using Waypoints



Edit Location  
Options



Moving a way-  
point by setting  
new position  
coordinates



Moving a  
waypoint on  
the Map

## Setting a Location



Address List  
item without  
location  
marker flag  
displayed



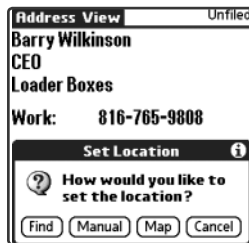
Address View page. Tap the "Lo-  
cation" button to Set Location

Creating a Waypoint using an existing Address Book entry

An existing Address Book entry can be made into a waypoint by setting a location.

**To set a location to an Address Book entry using QueFind:**

1. Tap the **Address Book** icon to launch the Address Book.
2. Then tap the item selected to display the "Address View" page.
3. From the Address View page, tap the **Location** button to display the "Set Location" options window.
4. You have three methods in which to set the waypoint location:
  - Tap the **Find** button to use QueFind to find a location.
  - Tap the **Manual** button to enter new location coordinates.
  - Tap the **Map** button to display the Map page which will allow you to tap anywhere on the map and designate it as the location.



Find Address Page

Set Location  
window  
Tap the  
"Find"  
button



## Using QueTracks



QueTracks is an application that records your path of travel. This can be used to travel back to your point of origin, and be saved for later use.

Use the QueTracks application to:

- Save a portion of the Track Log for later use.
- Clear the Track Log.

### To use the QueTracks Application:

1. Tap the **Applications Launcher** icon to display the **QueTracks** icon.
2. Tap the **QueTracks** icon to display the Tracks Page.
3. Observe the Track Log capacity bar graph. The graph indicates the amount of Track Log used and displays the percent used above the bar.

Below the bar graph is the Saved Tracks list which displays those tracks you have saved for later use.

4. To save all or a portion of the Track Log, tap the **Save** button. The "Save Track" dialog appears with the entire Track Log chosen. To choose to save only a portion of the Track Log, select a **start** and **end** time. To return to saving the entire Track Log, tap the **Entire Log** button.

5. To clear the Track Log, tap the **Clear** button.



## Tracks

| QueTracks   |         |   |
|---|---------|---|
| Track Log: 16% Full   |         |   |
| <div style="background-color: black; width: 100%; height: 10px;"></div> |         |   |
| <input type="button" value="Save"/>                                     |         | <input type="button" value="Clear..."/> |
| Saved Tracks:   |         |   |
| Jogging Path  | 92 pts  | 0.927 mi                                |
| Longview Lake T...  | 180 pts | 0.406 mi                                |
| New Field   | 332 pts | 2.58 mi                                 |
| Park  | 27 pts  | 0.226 mi                                |

QueTracks Page

| Save Track Log  |                    |
|---|--------------------|
| <b>Name:</b>  | New Track 1        |
| <b>Start:</b>   | ▼ Beginning of Log |
| <b>End:</b>   | ▼ End of Log       |
| <input type="button" value="OK"/> <input type="button" value="Cancel"/> <input type="button" value="Entire Log"/> |                    |

Track Start and End Options

### Save Track Log Dialog

|                     |
|---------------------|
| Today, 8:31 am      |
| Today, 6:12 am      |
| Yesterday, 2:31 pm  |
| Yesterday, 2:28 pm  |
| Yesterday, 11:55 am |
| Yesterday, 11:50 am |
| Yesterday, 11:48 am |
| Yesterday, 11:31 am |
| Tuesday, 2:49 pm    |
| Tuesday, 2:41 pm    |
| Tuesday, 1:37 pm    |
| Tuesday, 12:49 pm   |
| Tuesday, 12:41 pm   |
| Beginning of Log    |

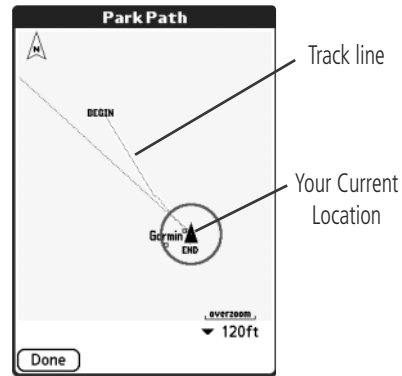
## Using QueTracks



Saved Track Details Page


## Saved Track Details:

- Tap the **QueTracks** application icon to display the Tracks Page. Tap the desired track in the "Saved Tracks" list to display the "Saved Track Details" page.
- To rename any Track, tap the name at the top of the Saved Track Details" page and then use the Graffiti® 2 input area to enter a new name.
- To assign a new color to the track when it is displayed on a map, tap the Color name at the top of the page. Tap the desired color from the list to select and close the list.
- If the "Show On Map" option is checked, the saved track is displayed on map pages.



Review Track Page

### Using QueRoutes

 QueRoutes is an application that provides you with a graphic route line, plus graphic and voice turn-by-turn directions to a chosen destination. You can select a destination from any of the QueFind application categories, the Address Book, the QueMap application, or a location attached to an entry in the Date Book application. QueRoutes functions primarily as a route management tool once you have selected a destination.

Use the QueRoutes application to:

- Recalculate the route to your current destination.
- Add stops or new waypoints (vias) to customize your route.
- Save specific routes for use at a later date.
- Set the preferences for routing.
- Stop and resume navigation of an active route.

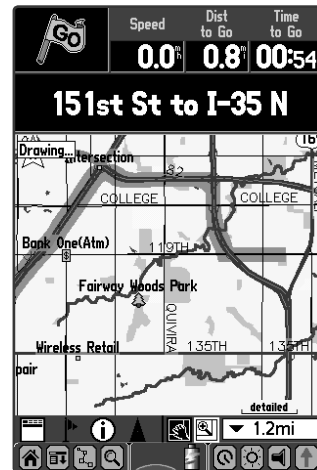
### To activate the QueRoutes Application:

1. Tap the **Applications Launcher** icon to display the QueRoutes icon... or easier yet, tap the **QueRoutes** icon at the side of the Graffiti® 2 input area or on the Status Bar.

QueRoutes  
Application



### Using QueRoutes



Active Route Displayed on Map Page

## Using QueRoutes

Creating a Route to a QueFind item using the QueRoutes launcher.

Highlighted Find List item

Tap the "Route To" button

Route shown on the Map

Calculating Route

| Location         | Direction | Distance |
|------------------|-----------|----------|
| Countryside, IL  | NE        | 417 mi   |
| Countryside, KS  | NE        | 13.5 mi  |
| Countryside, VR  | E         | 935 mi   |
| Country Line, AL | SE        | 568 mi   |
| Country Line, RL | SE        | 713 mi   |
| Coupland, TX     | S         | 597 mi   |
| Courclette, QC   | NE        | 1301 mi  |

Creating Routes

To begin a route all you really need is a destination. A route can be activated from several other handheld applications that support the location data needed to determine a destination for a route.

Using QueFind to select a destination:

1. Select an item from any of the QueFind application search categories. Refer to the QueFind section for detailed instructions on searching for items.
2. Tap the **QueRoutes** icon on the status bar to display the QueRoutes dialog box
3. Tap the "Route To..." item at the top of the dialog box. The name displayed depends on the item selected.
4. The Que Map application is displayed and a "Calculating Route" animated graphic replaces the satellite graphic at the center of the status bar. When the satellite graphic returns, the route is "active".
5. Follow the voice prompts and turn preview pages to navigate to your destination.



## Using QueMap to select a destination

You can create a route to any place on the map by using the stylus to place the map pointer on a location that you want to use as a destination.

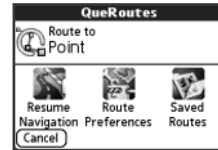
### To select a destination:

1. Tap the **QueMap** icon to display the Map.
2. Once you have identified a map item that you want to use as a destination, tap it with the stylus to place the map pointer on that spot.
3. Tap the **QueRoutes** icon on the status bar to display the Que Routes dialog box
4. Tap the "Route To..." item at the top of the dialog box. The name displayed depends on the item selected.
5. The Que Map application is displayed and a "Calculating Route" animated graphic replaces the satellite graphic at the center of the status bar. When the satellite graphic returns, the route is "active".
6. Follow the voice prompts and turn preview pages to navigate to your destination.



QueRoutes when a route is active

## Using QueRoutes

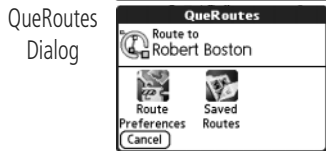
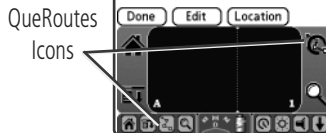


"Route To Point" for a destination chosen from the Map.



Route to a point on the Map

### Using QueRoutes



### Using the Address Book to select a destination

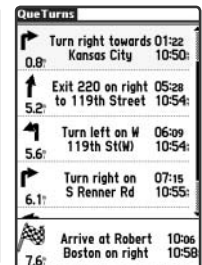
You can create a route to any address in the Address Book that has a set location.

#### To select a destination:

1. Tap the **Address Book** icon to display the address list.
2. Tap the desired Address Book record to display the "Address View".
3. Tap the **QueRoutes** icon on the status bar to display the QueRoutes dialog box
4. Tap the "Route To..." item at the top of the dialog box. The name displayed depends on the item selected.
5. The QueMap application is displayed and a "Calculating Route" animated graphic replaces the satellite graphic at the center of the status bar. When the satellite graphic returns, the route is "active".
6. Follow the voice prompts and turn preview pages to navigate to your destination.



#### List of Turns



### Using QueRoutes

#### Using the Date Book to select a destination

You can create a route to any item in the Date Book that has an attached location (indicated by the marker flag to its right).

#### To select a destination:

1. Display the **Date Book**.
2. Tap on the desired event to be used as a destination.
3. Follow Steps 3 though 6 on the previous page of this guide.

#### Recalculating a Route

You can at any time, recalculate the route to the current destination (For example, if you have deviated from the original route).

#### To Recalculate a route:

1. Tap the **QueRoutes** icon to display the QueRoutes dialog box.
2. Tap the **Recalculate** icon to recalculate the active route.

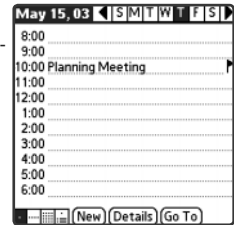
#### Using a Detour

To avoid an area of traffic congestion or other obstacles on a route, you can use the “Detour” option to alter the route to avoid the roads used in the current route for a specific distance.

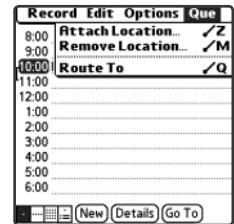
#### To use the “Detour” option:

1. Tap the **QueRoutes** icon.
2. Tap the **Detour** option.
3. Tap the distance to avoid roads used in the current route.

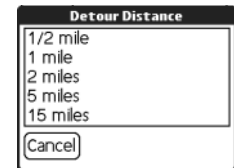
Date Book  
item with  
location attached



Drop-down  
Que options  
menu for  
attaching or  
removing a  
location or  
routing to it.

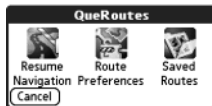


Detour



Detour Distance Options

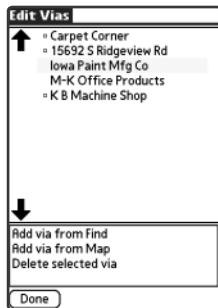
## Using QueRoutes



Route Options Menu when a Route has been stopped before completion



Edit Vias



Via Points List and Options Menu

## Stopping and Resuming Route Navigation

You can stop navigating a route at any time.



Stop  
Navigation



Resume  
Navigation

### To Stop or Resume Navigating a Route:

1. Tap the **Route** icon to display the Routes dialog box.
2. Tap the **Stop Navigation** icon to remove the route overlay from the Map Page. This also stops voice prompts and turn preview pages. Start navigating again by tapping the **Resume Navigation icon** from the QueRoutes dialog box.

### Customizing a Route

You are not limited to using a newly created route as is, you can modify it to meet your own requirements. To alter the path of travel to include various points on the way to the destination, you can use “Edit Vias” to place them.

### To add or change Route “Vias”:

1. While a route is active, tap the **Route** icon to display the QueRoutes dialog box.
2. Tap the **Edit Vias** icon to display the Edit Vias page.
3. Select the method of adding a via point from the two options shown at the bottom of the page. “From Find” displays the QueFind application. “From Map” displays the QueMap application.
4. Use the same method to select a via point as you would a destination, the selected location now becomes a point along your current route.
5. You can move the selected via point anywhere in the list by tapping the Up/Down arrows.

## Saving a route

Once you have created a route to a destination, while it is still active, you can save it to the “Saved Routes” list for re-use at a later date.

### To Save a route:

1. With a route active, tap the **Route** icon to display the QueRoutes dialog box.
2. Tap the **Saved Routes** icon to display the Saved Routes List.
3. Tap the **Save Active** button at the bottom of the page.
4. A “Save Active Route” dialog box displays. Rename the route if desired and then tap **OK** to save to the Saved Routes List.
5. To view details about any saved route on the list, tap the route name on the list to display the “Saved Route Details” dialog box.
6. Tap **OK** to close, **Activate** to begin navigation on that route, or **Delete** to remove it from the Saved Routes List.

When you select a Saved Route to navigate, the route will be recalculated beginning from your current location.

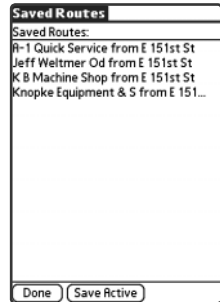
# iQue™ 3600

## GPS Applications

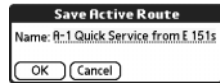
### Using QueRoutes



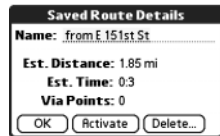
Saved  
Routes



Saved Routes List

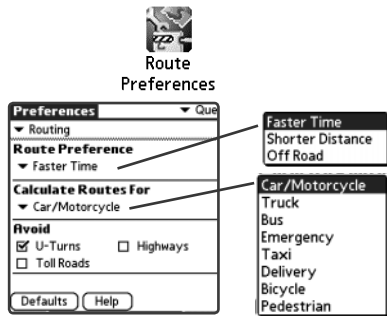


Saved Routes List

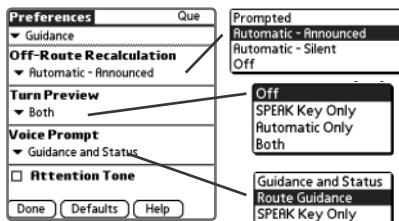


Saved Route Details

## Using QueRoutes



Routing Preferences



Guidance Preferences

Route and Guidance Preferences

You can control the way a route is calculated and select the type of route guidance prompts. When you set preferences for an individual route, all other routes will reflect those preferences.

**To Set Routing Preferences:**

1. Tap the **Route** icon to display the QueRoutes dialog box.
2. Tap the **Route Preferences** icon to display ▼ Routing preferences.
3. Tap the ▼ icon beneath the "Route Preference" option to display and select from three options. The "Off Road" option will generate a straight line to your destination, not following roads.
4. Tap the ▼ icon beneath the "Calculate Routes For:" option to display and select from a list of transportation options.
5. Tap the box next to the "Avoid" options to toggle a check mark and active that option.

**To Set Guidance Preferences:**

1. Tap the **Route** icon to display the QueRoutes dialog box.
2. Tap the **Route Preferences** icon to display the Que Preferences page. Tap the ▼ icon preceding the Routing option to display the list of other options. Select ▼ Guidance.
3. Tap the ▼ icon beneath the "Off-Route Recalculation" option to display and select from four options for recalculation notification.
4. Tap the ▼ icon beneath the "Turn Preview" option to display and select from a list of methods for turn notification.
5. Tap the ▼ icon beneath "Voice Prompt" to select voice guidance.
6. Toggle the "Attention Tone" box for indication of route changes.

## Using QueRoutes

Using Routing Voice Prompts

Once you have created a route to a destination you can begin navigation. In addition to a graphic in the QueMap application and “pop-up” turn displays you will be given voice prompts prior to turns and points on your route.


**To adjust voice prompt volume:**

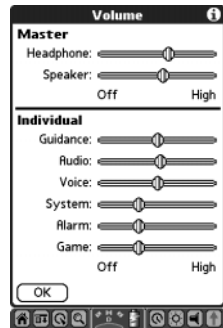
While navigating a route, you may need to adjust the volume to compensate for road noise, etc.

If you're using the Auto Navigation Kit with remote speaker:

1. Adjust the volume as desired by turning the volume control located on the side of the Remote Speaker.

If you're using the iQue handheld with battery power:

1. Tap the **Volume** icon  at the bottom of the display to open the Volume Control Page.
2. Use the stylus to adjust the Guidance volume slider to a level appropriate for the noise environment.
3. Tap **OK** when completed.

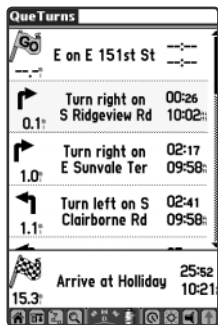


Volume Adjustment Page

## Using QueTurns



Turns



Turns List



Turn Preview Page

Using QueTurns

QueTurns is an application that can show you a list of turn-by-turn directions to a destination. The application is active only when a route is active.

Use QueTurns to:

- View turns on a route in order.
- View the Turn Preview for an individual turn.

**To open the QueTurns Application:**

1. Tap the **Applications Launcher** icon to display the **QueTurns** icon, then tap the **QueTurns** icon to display the Turns Page.
2. Or, press the Que Hard Button when a route is active.
3. If you are actively navigating a route, a list of turns, in order, will be displayed.
4. Each turn entry provides a direction arrow showing the direction you will turn and the distance to that turn, plus written instructions. The time to the next turn is displayed at the top right of each turn entry and the time of day which you will reach that turn is displayed at the lower right of each turn.
5. Tap a turn on the list to display it on the Turn Preview Page.



## Using QueTrip

 The QueTrip application provides you with the current status of your progress.

Use QueTrip to:

- View the total distance you have traveled. (Odometer)
- View the direction in which you are traveling.
- View your current speed.
- View the distance you have travelled on this trip. (Distance)
- View the time when you have not been moving (Stopped Time).
- View the time when you have been moving (Driving Time).
- View the total time traveled.
- View your average speed while traveling.
- View your average speed overall.
- View your maximum speed while traveling.

### To use the QueTrip Application:

1. Tap the **QueTrip** icon to launch the application. Observe the QueTrip page. Speed displays as zero when you are not moving.
2. Tap the QueTrip **Menu** icon to display the four reset options: Reset Odometer, Reset Trip Computer, Reset Maximum Speed and Reset All.
3. Tap the desired Reset option and follow prompts from the dialog box.

## Using QueTrip




Trip

| QueTrip                         |          |                        |
|---------------------------------|----------|------------------------|
| Odometer                        | Heading  | Speed                  |
| <b>74.2<sup>f</sup></b>         | <b>N</b> | <b>0.0<sup>h</sup></b> |
| <b>Distance:</b> 74.2 ft        |          |                        |
| <b>Stopped Time:</b> 56:15      |          |                        |
| <b>Driving Time:</b> 00:27      |          |                        |
| <b>Total Time:</b> 56:42        |          |                        |
| <b>Driving Average:</b> 1.9 mph |          |                        |
| <b>Overall Avg:</b> 0.0 mph     |          |                        |
| <b>Max Speed:</b> 3.4 mph       |          |                        |

QueTrip  
Page

| Reset         | Options    |
|---------------|------------|
| Odometer      | Reset Menu |
| Trip Computer |            |
| Max Speed     |            |
| All           |            |

| Confirm   |  |
|---|--|
|  | <b>Are you sure you want to clear the Odometer</b> |
| Yes   | No   |

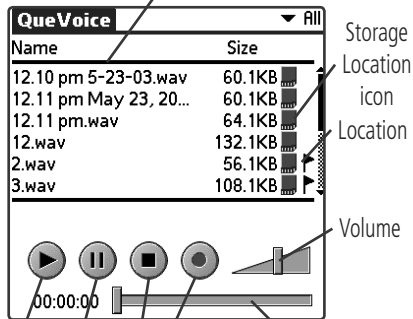
Reset Option Confirmation Window

### Using QueVoice



Voice

File Name by Time & Date



Play Pause Stop Record Track Slider

If you save two or more files within the same minute time period, the subsequent files are given an 01, 02, etc. designation after the time marker, much like waypoints are named by default.

### Using QueVoice



The QueVoice application allows you to record and store voice files to use as reminders, notations or messages. Voice files can be stored on the handheld or an SD card, if present. A location can be attached to a voice file. WAV format voice files can be imported and exported by beaming or performing a HotSync® operation.

Use QueVoice to:

- Record verbal reminders
- Record and send verbal messages

### To use the QueVoice Application:

1. Tap the **QueVoice** icon or simply press and release the **RECORD** button on the side of the handheld to display the QueVoice application.

### To record a Voice File:

1. Press and hold the **RECORD** button until you hear tones sound. QueVoice is now recording. Tapping the **Record** icon in the QueVoice application will also start recording.
2. While recording, briefly pressing the **RECORD** button or tapping the **Pause** icon will pause or resume recording.
3. To stop recording, press and hold the **RECORD** button until you hear tones sound. Tapping the **Stop** icon in QueVoice also stops recording.
4. The newly recorded voice file will be highlighted in the list of files. The file name is the date and time the recording was started. See the next page for information about file formats.

### To play a Voice File:

1. Tap the file name to highlight it, then tap the **Play** icon.

## Managing Voice Files

Once you have completed a voice file, you can rename it to a more descriptive title, view details, change the storage location (handheld or SD card) and delete a file when you no longer require it. The file list displays, the size of the file and an icon indicating the storage location. If the file has an attached location an flag will also be displayed.

### To use the Files menu:

1. Tap the **QueVoice** menu bar to display the Files, Option, and Que menu headings.
2. Tap the **Files** menu to display the list of items.
  - To Rename a file, tap **Rename**. When the Rename window displays, enter a new name. Tap **OK** to close.
  - To Delete a file, tap **Delete** and follow instructions.
  - To Purge all files, tap **Purge** and follow instructions
  - To View File Details, tap **View Details** or tap the storage location icon from the list. From the Details page you can observe information about the voice file. You can also determine where the file is stored by tapping the pick list icon next to "Stored On" to display Handheld and Card options. Tap your choice and follow instructions.
  - To beam a file, tap **Beam** and follow instructions

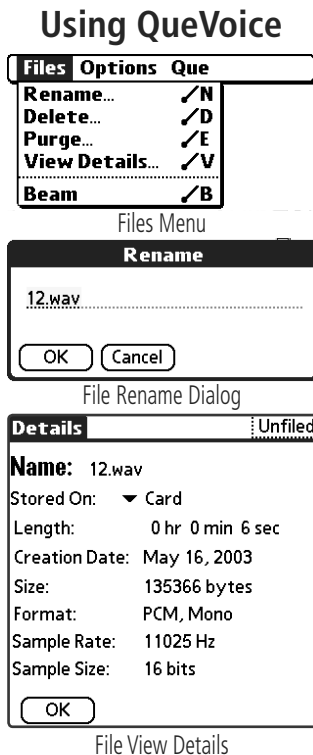
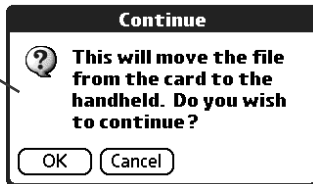
Moving a File Using the "Details" Page

Stored On:

Handheld  
Card

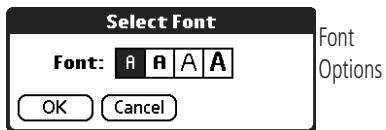
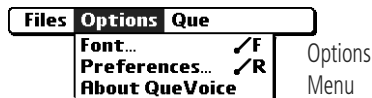
File Name by Time & Date

Move File Confirmation Dialog

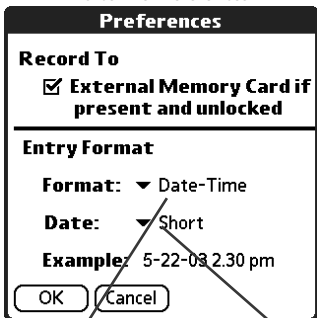


## Audio Applications

### Using QueVoice



Voice File Preferences



### Using Options to customize QueVoice

The font for displaying files in the list, storage location for new recordings, and filename format for new recordings can be customized using the Options Menu.

#### To use the QueVoice Options:

1. Tap the **QueVoice** menu icon to view the Files, Options, and Que menus.
2. Tap **Options** to display the Options Menu items.
3. Tap **Font** to select the typeface to use for the list display.
4. Tap **Preferences** to display the Preferences window..
5. When the Preferences window displays:
  - Check the **External Memory Card** option if you want to record new files to the card. Uncheck the option to record files to the internal memory of the handheld
  - Make selections from the options available for Format and Date. When you make selection, the "Example" at the bottom of the window will change to reflect your selections.
  - Tap **OK** when done.

## Attaching and Removing a Location for your Voice Files

You can attach a geographic location to a voice file to give it special significance, such as voice notes about a destination such as an address, city, restaurant, etc.

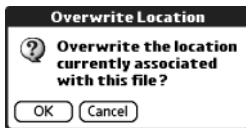
### To Attach or Remove a Location:

1. Highlight the voice file you desire to attach or remove the location from.
2. Tap the **Menu** icon to view the list headings.
3. Tap the **Que** topic to display the Que menu items.
4. To attach a location to a file tap the **Attach Location** option. This displays the QueFind application. Select a location using QueFind and tap **OK** when done. The QueVoice file list now shows a marker flag to its right. Tap the **flag** to display the location page.
5. To remove a location from a file, tap the **Remove Location** option and then tap **OK**.

If you have already attached a location to a voice file and attempt to attach another location, an "Overwrite Location" prompt displays. Tap **OK** to attach a new location or **Cancel** to keep the current location.

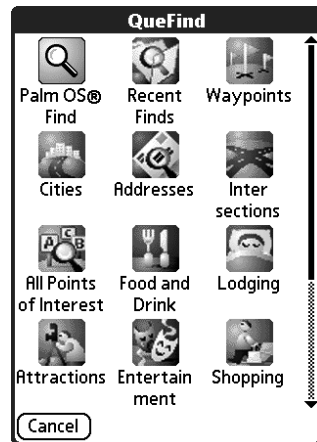


To remove an associated location, tap "OK".



To attach new location to a voice file, tap "OK".

## Using QueVoice



Choosing the Attach Location option takes you to the QueFind Application where you can find a location to attach to a voice file

## Using QueVoice

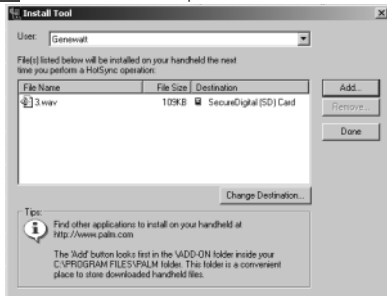
## Files Options Que

|                 |    |
|-----------------|----|
| Rename...       | /N |
| Delete...       | /D |
| Purge...        | /E |
| View Details... | /V |
| Beam            | /B |

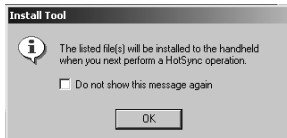
Select Beam from the Files options list



From Palm™ Desktop select the Install Tool



Files added to the Install Tool are sent to the SD Card when you perform a HotSync® operation.

Importing and Exporting QueVoice Files

You can import and export .WAV voice files using either the infrared beaming feature or the HotSync® operation. If a location is attached to a QueVoice file, it will be sent as well.

Only QueVoice files import to the QueVoice application, all other .WAV files are stored on the SD card and can be accessed using the QueAudio application.

**Using the Beam feature:**

1. Turn On your iQue Handheld and position to receive the signals from another handheld with the same feature.
2. Beam the desired file from the other handheld.
3. When the .WAV voice file has been received, if it is QueVoice compatible it will be accessible from QueVoice while those files that are not QueVoice compatible can be stored on the SD card and be accessed from the QueAudio application.

**Using Palm™ Desktop Software:**

1. Select a .WAV voice file to import from your PC.
2. Open Palm Desktop and click the **Install Tool** icon to display the Install Tool window.
3. Click and drag the desired file to the window.
4. Or... click the Add... button to display the Open window and use the "Look In:" field to find your file. Highlight the file, then click Open to place in the Install Tool window.
5. Click **Done** and an Install Tool message tells you that the file will be sent to the iQue the next time you perform a HotSync® operation. Files imported in this manner will be placed on the external card.

# iQue™ 3600

## Audio Applications

You can send files to another Palm OS® type handheld using the Beam feature or you can export voice files directly from your PC that have been backed up during a HotSync® operation.

### To Export a Voice File:

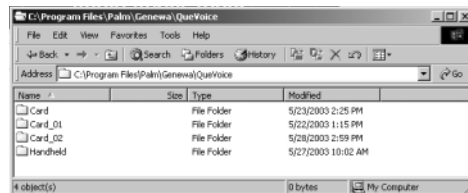
#### Using the Beam feature:

1. Turn On your iQue Handheld and position to beam the signals to another Palm OS® type handheld with the same feature.
2. Select the file you want to send, then tap the **Beam** option from the Files list in the QueVoice application. When the transfer is complete., the Beam dialog disappears

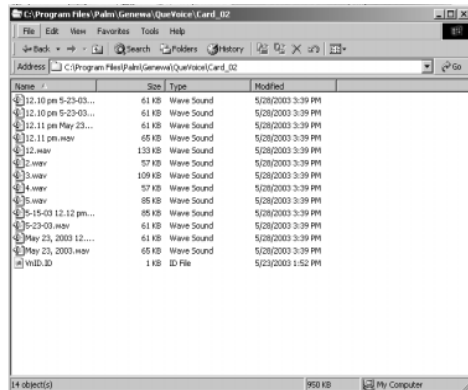
#### Using the Windows® Backup Files:

1. Select a .WAV voice file to export from your PC. All of the backed up QueVoice files are stored under the Palm Desktop Installation folder (usually C:\Program Files\Palm). The (user name) portion of the string is based on the HotSync® operation name. Once you have accessed the QueVoice folder, there are Card and Handheld folders. If you have used more than one SD card to store voice files, the additional Card folder names are named after the volume name you assigned to the SD card.
2. Click the **Card** or **Handheld** folder to display the files.
3. Select the desired files and send via e-mail, or copy to a media disc.  
Voice Files with attached locations are also transferred intact with the location information.

## Using QueVoice



QueVoice Card and Handheld File Folders



Backed Up QueVoice files saved to an SD Card.

## Using QueAudio



Audio

Using QueAudio

QueAudio plays MP3 and WAV format files stored on the external card. The iQue handheld is provided with a stereo headset jack for privacy.

Use QueAudio to:

- To play MP3 and WAV format audio files.

To store files for use with QueAudio:

1. Access and copy MP3 or WAV format files to your PC, either saving to a folder or placing them on your desktop.
2. Open the Palm™ Desktop application on your PC and click the "Install" icon to display the Install Tool dialog window.
3. Drag and drop files from your PC into the Install Tool window or click add and access the folder containing the audio files.
4. Click "Done" and the files will be added to your SD card the next time you perform a HotSync® operation.

It is important to note, that the number of audio files that can be stored on the external card is dependent on the amount of space not already used for mapping data and other files.

To determine how files are displayed on the QueAudio Page:

1. Tap the **QueAudio** tab at the top of the page to display the Options Menu.
2. Tap the **View** option to display the various ways to display files. Then tap your choice.

| File         | View | Options |
|--------------|------|---------|
| Title        | ✓    | /1      |
| Title/Time   | ✓    | /2      |
| Title/Artist | ✓    | /3      |
| Title/Album  | ✓    | /4      |

View Options Menu

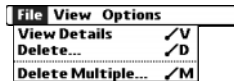


**To play files using QueAudio:**

1. With the QueAudio application displayed, tap the desired file title to highlight it.
2. Then tap the Play button on the control panel below.  
You may also select files by rotating the Thumb Wheel up or down and pressing in to toggle between play and pause.
3. To listen to a particular section of a file track, use the stylus to position the Track Slider to select a desired portion of the track.

**To view details about selected files:**

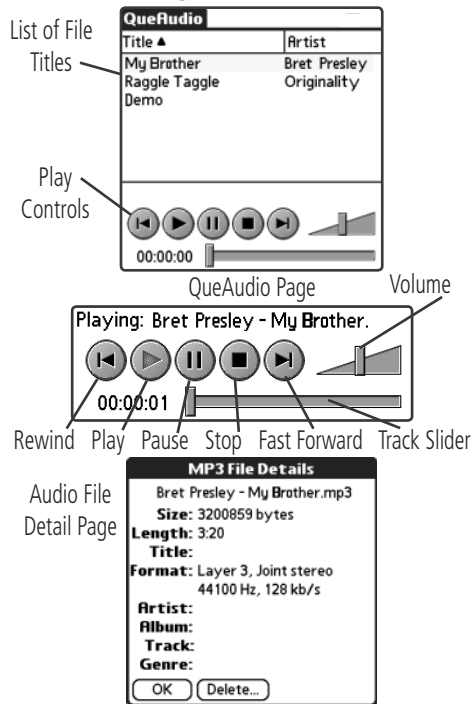
1. Highlight the desired file from the list on the QueAudio page.
2. Tap the **QueAudio** menu icon at the top of the page to display the file menu items.
3. Tap the **View Details** option to display the details page for the highlighted file.

**To delete selected files:**

1. Tap the **QueAudio** options tab and select **Delete** to remove the highlighted file from the external card...or tap **Delete Multiple** to remove several selected files from the external card.

**To change the order of files in the list:**

1. Tap the column title to cycle the sorting order. To shuffle the order, tap the column title until no arrow is displayed. Tapping the Shuffle menu item in the Options menu also shuffles the file order.

**Using QueAudio**

### Using QueClock

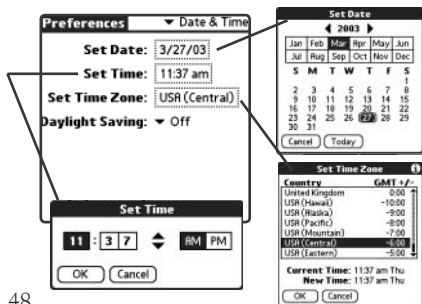


Clock



Clock Display

Clock Set Dialogs



### Using QueClock




The QueClock application displays the current time, date and year.


Use the QueClock application to:

- To view date and time.

### To View the Time, Date and Year:

- Tap either the **QueClock** icon from the Application Launcher screen or the icon  on the status bar to display for two seconds.
- Observe the time, date and year display. Tap the **OK** to close.

### To Set the Time, Date and Year:

- Tap the **Prefs** icon from the launcher to display the Preferences Page. Then tap the Preferences Options icon  at the top of the page then tap "Date & Time".
- Tap the field next to the "Set Date" option to display the Set Date Calendar page. If desired tap the year, month and date.
- To set the time, tap the field next to the "Set Date" option to display the Set Time window. Highlight hours or minutes, then tap the up or down arrows to set the time. Tap AM or PM and then **OK** to close.
- Tap the field next to the "Set Time Zone" option to display the list of time zones. Tap your selection and then **OK** to close.
- Finally tap the **Daylight Savings** icon to turn it On or Off.
- Check to be certain that the time is still correct, since the time zone and daylight savings time settings affect the time.

When the GPS Receiver is On, it will set the correct time for your location.

## Using MapInstall

MapInstall allows you to download detailed mapping data to the iQue or a Secure Digital Card. When detailed maps are installed, applications like QueMap, QueFind, QueTurns, and QueRoutes can provide a broader range of information about the geographic area in which you are navigating. If you don't install detailed mapping data, you will only have access to the information contained in your unit's basemap.

Using MapInstall allows you to:

- To increase the detail of map information and related applications.

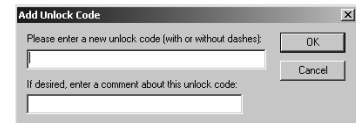
### To download maps:

1. You must have first installed the Map Data CD's on your P.C. Refer to the SetUp Guide.
2. Open Palm™ Desktop and observe a MapInstall icon to your left at the edge of the Palm Desktop window. Click on the icon to open the MapInstall Wizard Welcome Window.
3. Read the information on the Welcome Window. It will help to determine your next step.
4. For certain maps (those provided with your new unit) you must use an Unlock Code to open the map data. You may have already input the Unlock Code during the SetUp process and you can move to the next InstallWizard page. If not either use the installation CD to retrieve your code or the sheet of paper packaged with your unit that contains the code. Click the "Unlock Code" button to open the dialog box.
5. With the code in place you can now select maps to download to your unit. Use the cursor to click on the map areas that you want to download.
6. Click "Next" to move to the "Finish" window.

## Using MapInstall



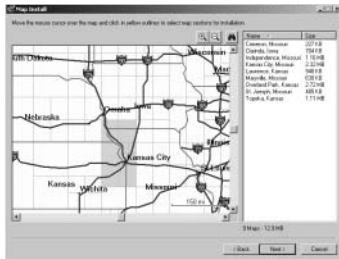
MapInstall Welcome Window



Unlock Code Dialog

## Downloading Map Data

### Using MapInstall



Map Selection Window



Map Destination Window

The next time you perform a HotSync® operation, the map data will be moved to the iQue handheld or a Secured Digital Card.

If you already own or intend to purchase Garmin MapSource products other than those provided with your iQue handheld, the MapSource operating software is not used to download maps to the iQue or Secure Digital Card. Use the Palm™ Desktop MapInstall software to select and download maps for use with the iQue.

When on Palm Desktop, click on the **MapInstall** icon next to the screen to begin downloading and then follow the on-screen instructions.

When downloading maps, be certain to check the amount of card free space available to be certain there is sufficient space for the new maps. Open the **Card Info** application and observe the available space information.

When purchasing MapSource Map Data CD's other than those provided with your iQue handheld, the directions for installation provided with those MapSource Instructions DO NOT APPLY!



#### Card Info

Card Info  
Applications Icon

## Specifications

## Internal System

|                               |  |
|-------------------------------|--|
| <b>Operating System:</b>      | Palm™ OS 5.2.1   |
| <b>Embedded capabilities:</b> | GPS receiver, MP3 player, voice recorder, infrared communication and vibrating alarm |
| <b>Audio hardware:</b>        | Microphone, speaker, headphone jack  |
| <b>Processor:</b>             | 200 MHz Motorola Dragonball MXL ARM9   |
| <b>Internal memory:</b>       | 32 MB RAM  |
| <b>Expandable memory:</b>     | SD/MMC   |

## Standard Applications

|                              |  |
|------------------------------|--|
| <b>Garmin "Que" apps:</b>    | 44.1 Khz MP3, GPS Info, Clock, Address Lookup, Electronic Mapping, Track Log, Trip Computer, Automatic Route Generation, and Turn-By-Turn Voice Guidance                         |
| <b>Palm OS 5.2.1 apps:</b>   | Address Book, Calculator, Date Book, Memo Pad, Palm Reader and To Do List  |
| <b>Other 3rd party apps:</b> | Astraware Game Pack*, Documents To Go by DataViz*, powerOne Personal Calculator, Star Caddy*, Splash Wallet*, Vindigo*, WorldMate", DataViz Mail*, and Palm Reader Basic (*Demo) |

## Moving Map Features

|                 |   |
|-----------------|---|
| <b>Basemap:</b> | Built-in routable basemap contains state and country boundaries, lakes, rivers, streams, airports, cities, towns, coastlines, state and interstate highways, local thoroughfares and secondary roads within metro areas |
| <b>CD-ROM:</b>  | Accepts downloadable map detail from Garmin PC-based MapSource City Select™, City Navigator™, Worldmap™ CD-ROM's which provide street-level detail, addresses, listings of nearest restaurant, hotels, ATM's and more   |

### Specifications

#### Navigation features

**Routes:**

Automatically calculated with turn-by-turn instructions; using built-in basemap, routes include interstates, highways and major thoroughfares; with detailed data from CD-ROM, routes include residential street-level detail

**Trip computer:**

Resettable odometer, timers, average and max. speeds

#### GPS performance

**Receiver:**

12 parallel channel GPS receiver continuously tracks and uses up to 12 satellites to compute and update your position

**Acquisition times:****Warm:**

Approximately 15 seconds

**Cold:**

Approximately 45 seconds

**AutoLocate™:**

Approximately 5 minutes

**Update rate:**

1/second continuous

**GPS accuracy:****Position:**

< 15 meters, 95% typical

**Velocity:**

0.05 meter/sec steady state

**DGPS (WAAS) accuracy:****Position:**

< 3 meters, 95% typical

**Velocity:**

0.05 meter/sec steady state

**Interfaces:**

USB, infrared, RS232

**Antenna:**

Flip-up adjustable GPS antenna

#### Power

**Source:**

Lithium-ion battery

**Operating range:**

0-50° C

#### Physical

**Size:**

2.8"W x 5"H x 8: D (72.1 x 127 x 20.3 mm)

**Weight:**

5.2 ounces (161.7 g)

**Display:**

320 x 480 pixels, 16 bit color display and white LED backlight

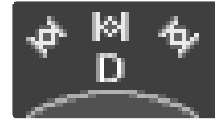
### What is WAAS?

The Wide Area Augmentation System (WAAS) is an F.A.A. funded project to improve the overall integrity of the GPS signal. It is a space-based system that broadcasts integrity information and correction data as determined by ground reference stations (see DGPS below). At this time the system is still in the developmental stage with a goal of providing reliable signals with an accuracy of 7 meters (21-22 ft.) both horizontally and vertically 95% of the time. Current tests have shown the actual accuracy to be on the order of 2-3 meters. For more information, go to <http://gps.faa.gov/Programs/WAAS/waas.htm>.

### What is Differential GPS (DGPS)?

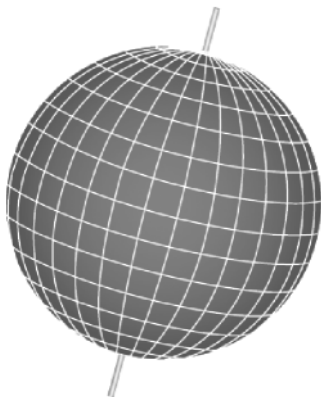
The U.S. and Canadian governments (among others) have set up Differential GPS (DGPS) stations to transmit correction signals. They are operational in coastal areas and on many navigable river systems. The DGPS system is available for use without fee.

In addition to compensating for errors in the position, these correction signals can also correct for deliberate degradation of the accuracy of GPS by the U.S. Department of Defense under their Selective Availability (SA) program. Please refer to the U.S. Coast Guard's web site: <http://www.navcen.uscg.gov/> for locations and the status of the differential sites. Using DGPS requires additional equipment.



Differential (D)  
GPS  
Status Indicator

## Additional Information



Map Datums are based on a mathematical model of the Earth.

```

hhdd.dddd°
hhdd°mm.mmm'
hhdd°mm'ss.s"
British Grid
Dutch Grid
Finnish Grid
German Grid
India Zone 0
India Zone IA
India Zone IB
India Zone IIA
India Zone IIB
India Zone IIA
India Zone IIB
    
```

Location Formats

```

Adindan
Afgooye
AIN EL ABD '70
Anna 1 Ast '65
ARC 1950
ARC 1960
Ascnsn Isld '58
Astro B4 Sorol
Astro Bcn "E"
Astro Dos 71/4
Astro Stn '52
Aus Geod '66
Aus Geod '84
Austria
    
```

Map Datums

### What are Map Datums, and which should I use?

A datum is a mathematical model of the Earth which approximates the shape of the Earth, and enables calculations to be carried out in a consistent and accurate manner. The datum is physically represented by a framework of ground monuments (i.e. trig. stations) whose positions have been accurately measured and calculated on this reference surface. Lines of latitude and longitude on a map or chart are referenced to a specific map datum. Every chart has a map datum reference and the iQue handheld can be set to match most of those commonly used.

If you are navigating and comparing the GPS coordinates to a map, chart or other reference, the map datum in the GPS unit should be set to the same datum as the map or chart to insure the most accurate navigation.

### What is a Location Format, and which should I use?

Your current location can be viewed on the GPS in the form of coordinates. Since different maps and charts use different location formats, Garmin GPS units allow you to choose the correct coordinate system for the type of map you are using. The most common format is latitude and longitude, which is utilized by all Garmin units. On most models, you may choose to change the location format to use with other coordinate systems. UTM/UPS (Universal Transverse Mercator/Universal Polar Stereographic) are easy-to-use metric grids that are found on most USGS topographic quadrangle maps. Several other grids, including a user-definable grid (for the advanced user), may also be selected.



# iQue™ 3600

## Additional Information

### Location Coordinates, how to edit or assign them.

No matter where you happen to be on the surface of the earth, there is an exact description for your current location, called a location coordinate. A location coordinate is the description for any specific location on the earth determined by one of the many types of Location Formats.

When you save any QueMap or QueFind item as a Waypoint, location coordinates are automatically assigned using information contained in the mapping database either stored in your unit or on the Secure Digital Card. Those locations will be displayed in the format set by the factory default settings or the format you have set using the preferences settings for Location Format for Que applications.

When you assign a location to an entry in the Address Book, one of the options is “Manual” which allows you to enter location coordinates for the entry, if you know what they are.



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