KENWOOD

GPS NAVIGATION SYSTEM
KNA-G520

INSTRUCTION MANUAL
MODE D'EMPLOI
ISTRUZIONI PER L'USO
BEDIENUNGSANLEITUNG
MANUAL DE INSTRUCCIONES
MANUAL DE INSTRUÇÕES
GEBRUIKSAANWIJZING

Kenwood Corporation

⚠ WARNING

Read this manual carefully before starting to operate the Kenwood Car Navigation System and follow the manual's instructions. Kenwood is not liable for problems or accidents resulting from failure to observe the instructions in this manual.

⚠ AVERTISSEMENT

Lisez ce manuel avec attention avant d'actionner le systeme de navigation Kenwood et suivez les instructions du manuel. Kenwood decline toute responsabilite des problemes ou des accidents provoques par le non-respect des instructions de ce manuel.

⚠ AVVERTENZE

Leggere con cura questo manuale prima di utilizzare il navigatore Kenwood e seguire le relative istruzioni. Kenwood non è responsabile per problemi o incidenti provocati dal mancato rispetto delle istruzioni di questo manuale.

⚠ SICHERHEITSHINWEISE

Die Bedienungsanleitung enthält wichtige Informationen und Hinweise, die Sie bei Inbetriebnahme des Kenwood CARNavigationssystems unbedingt beachten sollten. Unsachgemäße Montage und Handhabung führen zu Störungen und Fehlfunktionen. Das Car-Navigationssystem darf weder geöffnet, noch technisch verändert werden. Andernfalls lassen sich Unfälle und Brandschäden im Fahrzeug nicht ausschließen. Zudem erlischt jeglicher Garantie- und Haftungsanspruch.

⚠ ADVERTENCIA

Lea el manual cuidadosamente antes de poner en funcionamiento este Sistema de Navegación Kenwood y siga las instrucciones del manual. Kenwood no se hace responsable de los problemas o accidentes derivados de no seguir las instrucciones de este manual.

⚠ PORTUGUESE

(Still need warning text for Portuguese.)

⚠ WAARSCHUWINGEN

Lees deze handleiding aandachtig door alvorens het Kenwood Navigatiesysteem te gebruiken en volg de aanwijzingen in de handleiding. Kenwood kan niet aansprakelijk gesteld worden voor problemen of ongelukken die te wijten zijn aan de niet inachtneming van de aanwijzingen in deze handleiding.

TABLE OF CONTENTS

⚠ Warning

This manual uses the term **Warning** to indicate a potentially hazardous situation, which, if not avoided, could result in death or serious injury.

Failure to avoid the following potentially hazardous situations could result in an accident or collision resulting in death or serious injury.

When navigating, carefully compare information displayed on the unit to all available navigation sources, including information from street signs, visual sightings, and maps. For safety, always resolve any discrepancies or questions before continuing navigation.

Always operate the vehicle in a safe manner. Do not become distracted by the unit while driving, and always be fully aware of all driving conditions. Minimize the amount of time spent viewing the screen of the unit while driving and use voice prompts when possible.

Do not enter destinations, change settings, or access any functions requiring prolonged use of the unit's controls while driving. Pull over in a safe and legal manner before attempting such operations.

Keep the system's volume at a low enough level to be able to hear outside noises while driving. If you can no longer hear outside noises, you may be unable to react adequately to the traffic situation. This may cause accidents.

This navigation system can be used when the ignition key is turned to ON or ACC. However, to preserve the battery, it should be used with the engine running whenever possible. Using the navigation system for a long time with the engine switched off can cause the battery to run down.

The navigation system will not display the correct current position of the vehicle the first time it is used after purchase, or if the battery has been removed for a long time. GPS satellite signals will soon be received, however, and the correct position will be displayed.

Be careful of the surrounding temperature. Using the navigation system at extremely high or low temperatures can lead to malfunction or damage. Also note that the unit can be damaged by strong vibration or metal objects or by water getting inside.

⚠ Caution

This manual uses the term **Caution** to indicate a potentially hazardous situation, which, if not avoided, may result in minor injury or property damage. It may also be used without the symbol to alert you to avoid unsafe practices.

Failure to avoid the following potentially hazardous situations may result in injury or property damage.

The unit is designed to provide you with route suggestions. It does not reflect road closures or road conditions, traffic congestion, weather conditions, or other factors that may affect safety or timing while driving.

Use the unit only as a navigational aid. Do not attempt to use the unit for any purpose requiring precise measurement of direction, distance, location, or topography.

The Global Positioning System (GPS) is operated by the United States government, which is solely responsible for its accuracy and maintenance. The government's system is subject to changes which could affect the accuracy and performance of all GPS equipment, including the unit. Although the unit is a precision navigation device, any navigation device can be misused or misinterpreted and, therefore, become unsafe.

Important Information

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 in product literature and copyright messages displayed to the consumer. Virtually all data sources contain inaccurate or incomplete data to some extent. In some countries, complete and accurate map information is either not available or is prohibitively expensive.

English

Software License Agreement

BY USING THE KNA-G520, YOU AGREE TO BE BOUND BY THE TERMS AND CONDITIONS OF THE FOLLOWING SOFTWARE LICENSE AGREEMENT. PLEASE READ THIS AGREEMENT CAREFULLY.

Garmin grants you a limited license to use the software embedded in this device (the "Software") in binary executable form in the normal operation of the product. Title, ownership rights, and intellectual property rights in and to the Software remain in Garmin.

You acknowledge that the Software is the property of Garmin and is protected under the United States of America copyright laws and international copyright treaties. You further acknowledge that the structure, organization, and code of the Software are valuable trade secrets of Garmin and that the Software in source code form remains a valuable trade secret of Garmin. You agree not to decompile, disassemble, modify, reverse assemble, reverse engineer, or reduce to human readable form the Software or any part thereof or create any derivative works based on the Software. You agree not to export or re-export the Software to any country in violation of the export control laws of the United States of America.

Information on Disposal of Old Electrical and Electronic Equipment (applicable for EU countries that have adopted separate waste collection systems)

Products with the symbol (crossed-out wheeled bin) cannot be disposed as household waste.
Old electrical and electronic equipment should be recycled at a facility capable of handling these items and their waste byproducts. Contact your local authority for details in locating a recycle facility nearest to you. Proper recycling and waste disposal will help conserve resources whilst preventing detrimental effects on our health and the environment.

Find It and Go!

Follow the instructions on the next two pages to find a place and go to it!
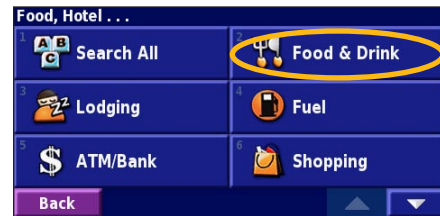
Finding a Restaurant 🍴🏪

① Touch **Where To?**
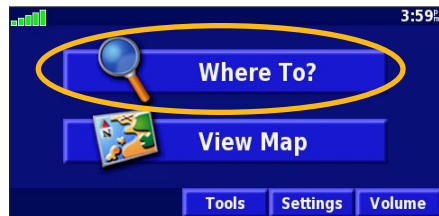
② Touch **Food, Hotel…**.

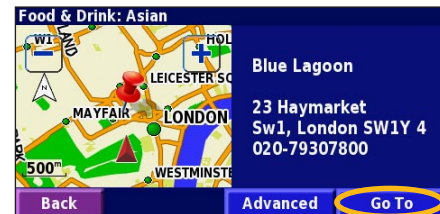

③ Touch **Food & Drink**.


④ Touch a food category.

⑤ Touch a place.

⑥ Touch **Go To**.

Following Your Route

Follow the route to your destination using the map. As you travel, the navigation system guides you to your destination with voice prompts, arrows, and directions along the top of the map. If you depart from the original route, the navigation system recalculates the route and provides new route instructions.
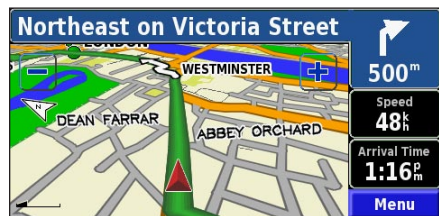
Your route is marked with a green line.
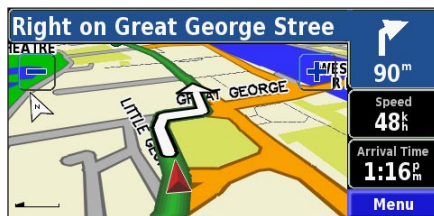
Follow the arrows.

A checkered flag marks your destination.

For more information about using the map and the other tools, see pages 11–13.

WHERE TO?

Finding an Address

① From the Menu page, touch **Where To?** Touch **Address**.

```
Find - Near Here
  Address              Food, Hotel . . .
  Streets & Cities     Browse Map
  My Locations         Recent Finds
  Back                      Go Home
```
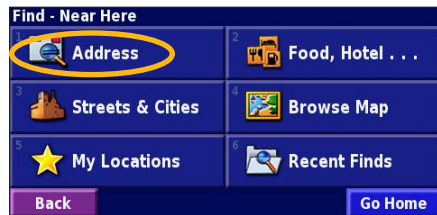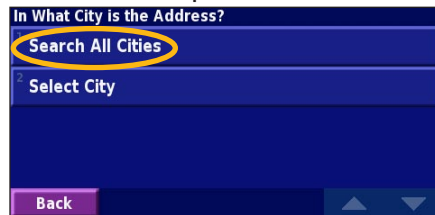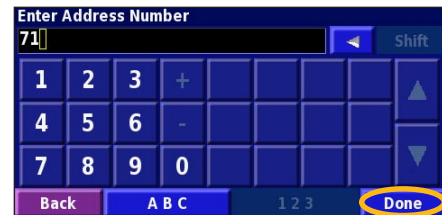
② Select a state. Select a city or enter a postal code.

```
In What City is the Address?
  Search All Cities
  Select City

  Back
```

③ Enter the address number and touch **Done**.

```
Enter Address Number
  71                          Shift
  1  2  3  +
  4  5  6  -
  7  8  9  0
  Back    A B C      1 2 3    Done
```

④ Enter the street name and touch **Done**.

```
Enter Street
  KEN                         Shift
  A B C D E F G H I
  J K L M N O P Q R
  S T U V W X Y Z _
  Back    A B C      1 2 3    Done
```

⑤ Select the street. Select the city, if necessary.

```
Select Street
  Kennington Park Road

  Back
```

⑥ Select the address, if necessary. Touch **Go To**.

```
Address
                    71 Kennington Park
                    Road
                    Sw9, London SW9 0,
                    England

                    Road Category: Minor

  Back    Advanced     Go To
```

Finding a Place Using the Map

From the Menu page, touch [icon] **View Map**. You can also touch [icon] **Where to?** > **Browse Map**. Touch anywhere on the map to recenter the map on that location.
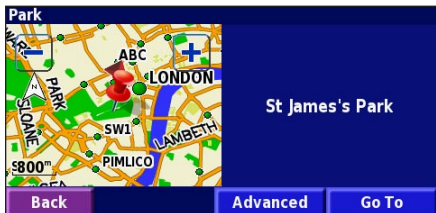
① Touch any object on the map. Touch **Review**.
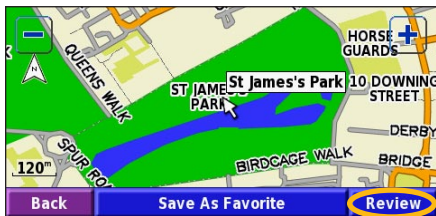
② Touch **Go To** or **Advanced**.

Tips for Browsing the Map

• Use the [+] and [−] icons to zoom in and out.

• Touch an object on the map. The map recenters on that location, and an arrow appears pointing at the object you selected.

• Touch **Review** to open the location's information page; for more information, see the next page.

• Touch **Save As Favorite** to save the location selected by the pointer to your Favorites.

• Touch **Back** to return to the previous screen.

Understanding the Information Page

When you find a location, select it in the search results list to open the item's information page.

Information Page

Touch **Go To** to create and follow a route to this location.

Touch **Advanced** to view other options for this location:

- **Insert in Current Route**—add this point as the next stop in your route.
- **Add As Favorite**—add this location to your Favorites. For more information, see page 7.
- **Find Near Point**—find a location near this point.
- **Browse Map**—view this location on the map.

Finding Recently Found Places

The last 50 places you have found are stored in Recent Finds.

① Touch **Where To?** > **Recent Finds**.

② Select an item from the search results list.
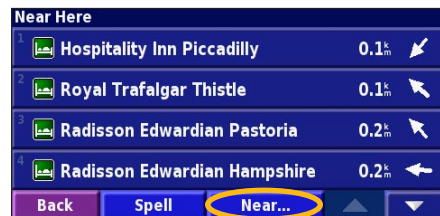

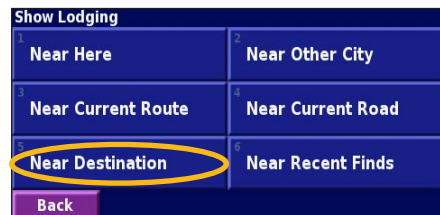Touch **Category** to display recent finds from a certain category, such as **Food, Hotel…**.

Finding Places in a Different Area

You can search for locations in a different area, such as a different city or near your destination.
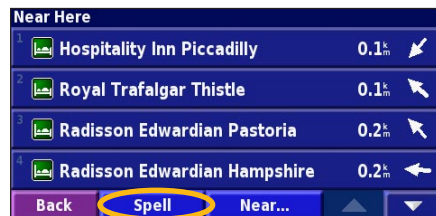
① From the search results list, touch **Near**….

Near Here
1	Hospitality Inn Piccadilly	0.1ⁿ	
2	Royal Trafalgar Thistle	0.1ⁿ	
3	Radisson Edwardian Pastoria	0.2ⁿ	
4	Radisson Edwardian Hampshire	0.2ⁿ	

Back　Spell　Near...

② Select one of the search options.

Show Lodging
1 Near Here	2 Near Other City
3 Near Current Route	4 Near Current Road
5 Near Destination	6 Near Recent Finds

Back

Narrowing Your Search

To narrow your search, you can spell part of the name of the location you are searching for.

① From the search results list, touch **Spell**.

Near Here
1	Hospitality Inn Piccadilly	0.1ⁿ	
2	Royal Trafalgar Thistle	0.1ⁿ	
3	Radisson Edwardian Pastoria	0.2ⁿ	
4	Radisson Edwardian Hampshire	0.2ⁿ	

Back　Spell　Near...

② Enter part of the name and touch **Done**.

Enter Any Part Of Name

A	B	C	D	E	F	G	H	I
J	K	L	M	N	O	P	Q	R
S	T	U	V	W	X	Y	Z	_

Back　Delete　Shift　1 2 3　Done

My Locations ⭐

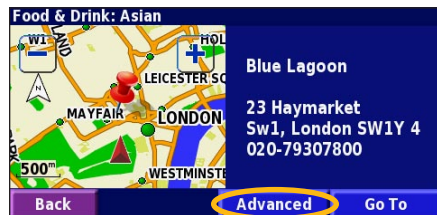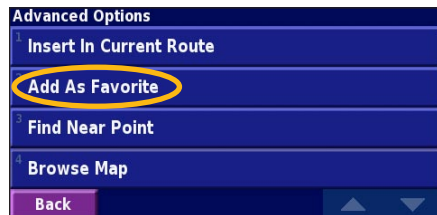## Saving Places You Find

After you have found a place you want to save, select it in the results list.

① Touch **Advanced**.
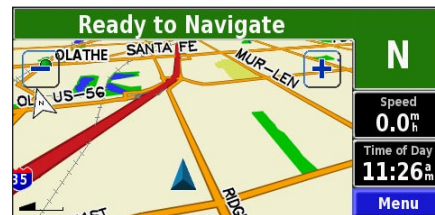

② Touch **Add As Favorite**.

Saving Your Current Location

From the Menu page, touch 🖼️ **View Map**.

① Touch anywhere on the map.

② Touch **Save As Favorite**.

Setting a Home Location

You can set a Home Location for the place you return to most often. From the Menu page, touch **Where To?**
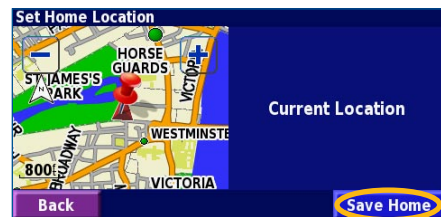
① Touch **Go Home**.

② Select an option.

③ Touch **Save Home**.

After you set your Home Location, touch **Where To?** and then touch **Go Home**.
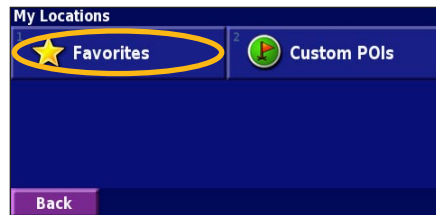
Finding Saved Places

From the Menu page, touch **Where To?**

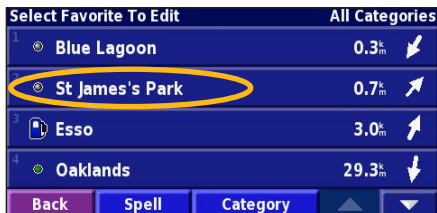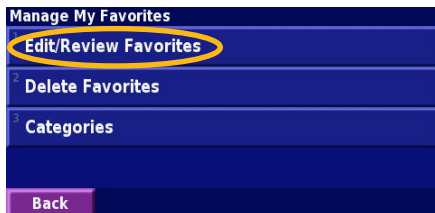**①** Touch **My Locations**.

② Touch **Favorites**.

③ Touch a saved place.

Editing Saved Places

From the Menu page, touch **Tools** > **My Data** > **Favorites**.

① Touch **Edit/Review Favorites.**

Manage My Favorites	
Edit/Review Favorites	
Delete Favorites	
Categories	
Back	

② Touch the item you want to edit.

Select Favorite To Edit	All Categories	
Blue Lagoon	0.3ᵐ	
St James's Park	0.7ᵏ	
Esso	3.0ᵏ	
Oaklands	29.3ᵏ	
Back	Spell	Category

③ Touch **Edit**.

Edit Favorite	
Blue lagoon	St James's Park
Back	Edit

④ Touch the item you want to edit.

Select Item To Edit	
Name	St James's Park
Location	N 51°30.191' W000°08.052'
Elevation	_____ ᵐ
Category	Unfiled
Back	Delete

Name—enter a new name for the location using the on-screen keyboard.

Location—edit the location of the place; you can use the map or enter new coordinates using the keyboard.

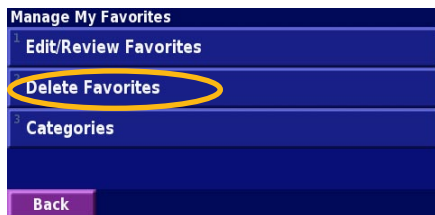**Elevation**—enter the elevation of the saved place.

Category—assign this place to a category; touch [▲] to view the categories.

Symbol—select a symbol that is shown on the map for this location.

Deleting a Saved Place

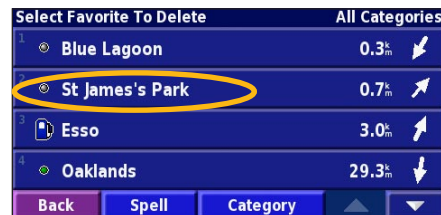From the Menu page, touch **Tools** > **My Data** > **Favorites**.

① Touch **Delete Favorites.**

Manage My Favorites
Edit/Review Favorites
Delete Favorites
Categories
Back

② Touch **By Selection**.

Delete Favorites
By Selection
By Category
Delete All
Back

③ Touch a saved location.

Select Favorite To Delete	All Categories
Blue Lagoon	0.3ᵏₘ
St James's Park	0.7ᵏₘ
Esso	3.0ᵏₘ
Oaklands	29.3ᵏₘ
Back	Spell	Category

④ Touch **Delete**.

St James's Park

Back   Delete

By Selection—touch each location and delete it individually.

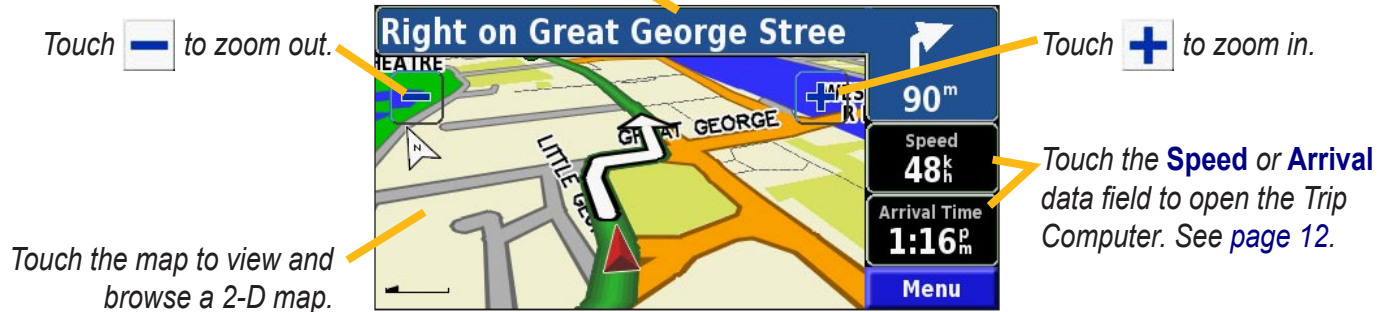**By Category**—select one category to delete all of the locations assigned to that category.

Delete All—removes all saved places from your Favorites.

THE MAP AND OTHER TOOLS

Viewing the Map Page

From the Menu page, touch **View Map** to open the map. Touch an area of the map to see additional information, as shown below. The position icon ▲ shows your current location.

While navigating a route, touch the green text bar to open the Turn List. See page 12.

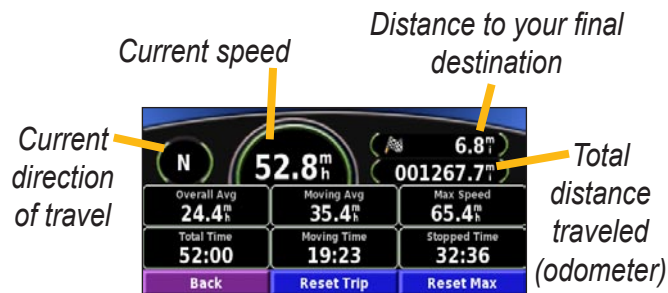*Touch ▬ to zoom out.*

Touch ➕ to zoom in.

Touch the map to view and browse a 2-D map.

*Touch the **Speed** or **Arrival** data field to open the Trip Computer. See page 12.*

Map Page while Navigating a Route

Trip Computer

The Trip Computer indicates your current speed and provides helpful statistics about your trip.

To view the Trip Computer, select **Speed** or **Arrival** on the map. Or, from the Menu page, touch **Tools** > **Navigation** > **Trip Computer**.

Current speed

Distance to your final destination

Current direction of travel

Total distance traveled (odometer)

Touch **Reset Trip** to reset all information on the Trip Computer. To reset the Maximum Speed, touch **Reset Max**.

Turn List

The Turn List displays a list of turn-by-turn instructions for your entire route as well as arrival information.

While navigating a route, touch the green text bar on the map page to open the Turn List. Or, from the Menu page, touch **Tools** > **Navigation** > **Turn List**.

Direction of this turn

Distance to this turn

Turn directions
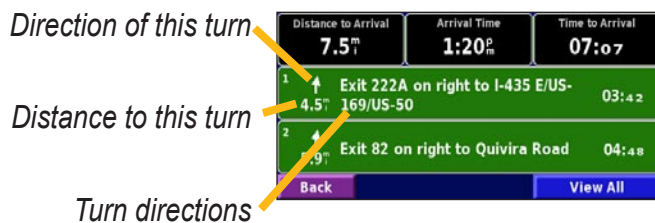
Touch **View All** to see all the turns in the route. Touch and to scroll through the list.

Touch a turn to see the turn on a map (the Next Turn page). Touch and to scroll through all the turns in the route. Touch ➕ and ➖ to zoom in and out of the turn on the map.

GPS Info Page

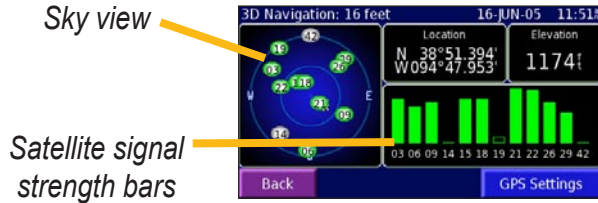From the Menu page, touch the signal strength bars in the upper left corner to view the GPS Info page. Or, from the Menu page, touch **Tools** > **Navigation** > **GPS Info**.

Sky view

Satellite signal strength bars

The sky view shows the satellites you are receiving. The satellite signal strength bars indicate the strength of each satellite you are receiving. A solid bar indicates the GPS satellite is ready for use.

GPS Settings

From the Menu page, touch **Settings** > **General** > **GPS**. You can also access the GPS Settings by touching the **GPS Settings** button on the GPS Info page.

Use Indoors—touch **Yes** to turn the GPS receiver off.

Set Position—set your position, if Use Indoors is enabled. Select your location on the map and touch **OK**.
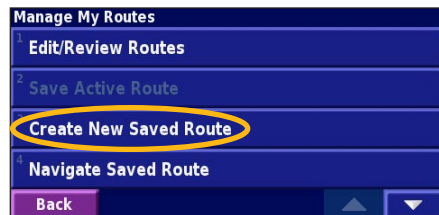
WAAS/EGNOS—disable and enable WAAS/EGNOS. WAAS and EGNOS are systems of satellites and ground stations that provide GPS signal corrections, giving you even better position accuracy. To learn about WAAS and EGNOS, visit http://www.garmin.com/aboutGPS/waas .html.

CREATING AND EDITING ROUTES

Creating a New Saved Route

From the Menu page, touch **Tools** > **My Data** > **Routes**.
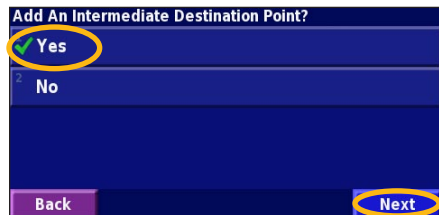
① Touch **Create New Saved Route**.

Manage My Routes
1 Edit/Review Routes
2 Save Active Route
Create New Saved Route
4 Navigate Saved Route
Back ▲ ▼

② Select an option and touch **Next**. Select the starting point.

Select Route Start Point
1 From Find Menu
2 Find On Map
✓ Use Current Location
Back **Next**

③ Select an option and touch **Next**. Select the ending point.

Select Route Final Destination Point
✓ From Find Menu
2 Find On Map
3 Use Current Location
Back **Next**

④ To add a stop, touch **Yes**, then touch **Next**. Select the point.

Add An Intermediate Destination Point?
✓ Yes
2 No
Back **Next**

⑤ Select your preference and touch **Next**.

Select Route Calculation Preference
✓ Faster Time
2 Shorter Distance
3 Off Road
Back **Next**

⑥ Touch **Finish**.
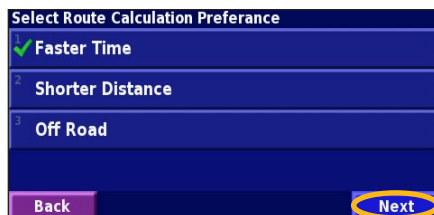
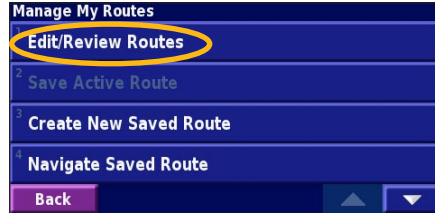| Confirm New Saved Route |
|---|
| Oaklands from Panton Street |
| 2 Destinations |
| Travel Distance: 39.4km |
| Travel Time: 41 mins |
| Back **Finish** |
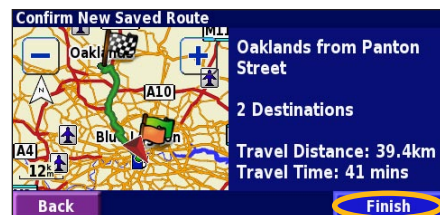
Editing a Saved Route

From the Menu page, touch **Tools** > **My Data** > **Routes**.
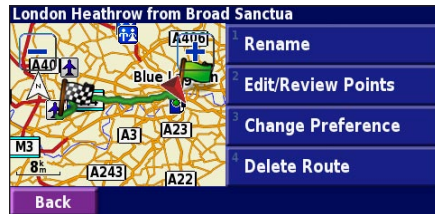
① Touch **Edit/Review Routes**.

Manage My Routes
Edit/Review Routes
2 Save Active Route
3 Create New Saved Route
4 Navigate Saved Route
Back

② Touch the route to edit.

Select Route To Edit/Review
London Heathrow from Broad Sanctuar
2 Oaklands from Panton Street
3 St James's Park from Haymarket
Back

③ Touch **Edit**.

Route Review

London Heathrow from Broad Sanctuar

1 Destination

Travel Distance: 27.2km
Travel Time: 30 mins

Back   Edit

④ Touch the item to edit.

London Heathrow from Broad Sanctua

1 Rename
2 Edit/Review Points
3 Change Preference
4 Delete Route

Back

Rename—enter a new name for the route using the on-screen keyboard.

Edit/Review Points—add, arrange, remove, re-order, and review points in the route. For more info, see the next page.

Change Preference—change calculation preference to Faster Time, Shorter Distance, or Off Road.

Delete Route—delete this route.

Adding Stops to Your Route

You can add midpoints (also called via points or stops) to your route as you create it, as described on . You can also add points to your route when you edit the route, as described below. Follow the steps on the previous page to begin editing the route.
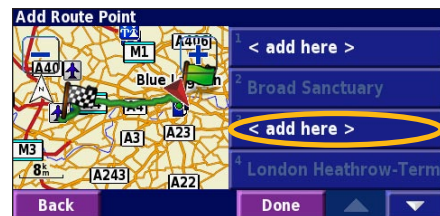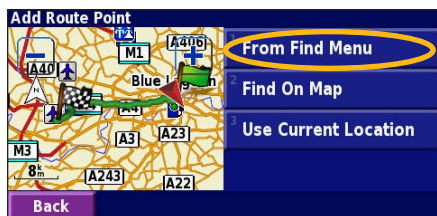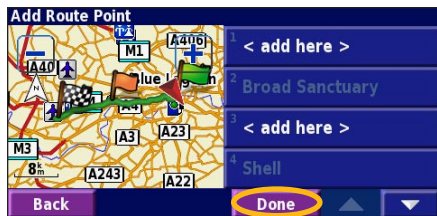
① Touch **Edit/Review Points**.
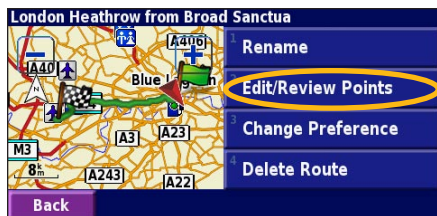
② Touch **Add**.

③ Touch where you to want to add the point.

④ Touch a method and then select the point.

⑤ Add points as necessary. Touch **Done** when finished.

Auto Arrange—arranges the points to provide the shortest route.

Remove—touch the point you want to remove and then touch **Remove**.

Re-Order—touch the point to move and touch **Move Up** or **Move Down**. Touch **Done** when finished.

Saving the Active Route

From the Menu page, touch **Tools** > **My Data** > **Routes** > **Save Active Route**.

Navigating a Saved Route

From the Menu page, touch **Tools** > **My Data** > **Routes** > **Navigate Saved Route**. Touch the route you want to navigate.

Recalculating the Route

From the Menu page, touch **Tools** > **My Data** > **Routes** > **Recalculate Route**.

Deleting All Saved Routes

From the Menu page, touch **Tools** > **My Data** > **Routes** > **▼** > **Delete All Saved Routes**.

Stopping Your Route

From the Menu page, touch **Stop**. Then touch **Yes**.

Adding a Detour to a Route

If you need to take a detour from your current route, open the Menu page and touch **Detour**.

1 kilometer, **5 kilometers**, or **10 kilometers**—select the distance of the detour. For example if a road sign indicates that the street is closed for the next five kilometers, touch **5 kilometers** in the list. The navigation system recalculates your route for the next five kilometers.

Detour by Road(s) In Route—select roads in your route to avoid. For example, if the highway ramp is closed, select the ramp in the list of roads. The navigation system recalculates your route to avoid that ramp.

Detour by Traffic Event on Route—if you are using an FM Traffic Receiver, you can detour around traffic events.

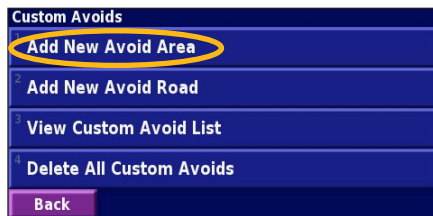**Remove All Detours**—touch to remove any detours you have entered for the route.

Adding Avoidances

From the Menu page, touch **Settings** > **Navigation** > ▼ > **Avoidance Setup**. Select the road type to avoid. Touch ▼ to view more road types to avoid.
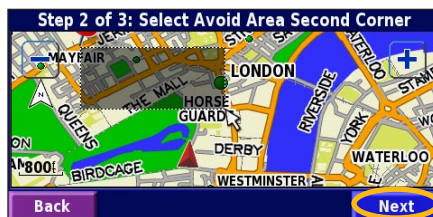
Creating Custom Avoids

You can enter specific areas and roads to avoid in your routes. From the Avoidance Setup menu, touch ▼ two times and then touch **Custom Avoids**.
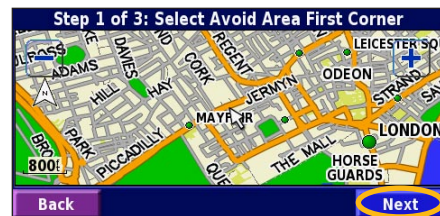
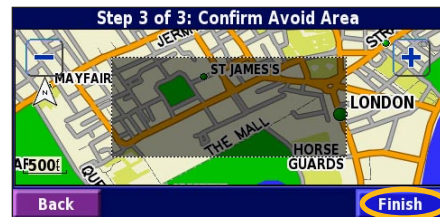① Touch **Add New Avoid Area** or **Add New Avoid Road**.

Custom Avoids
- Add New Avoid Area
- Add New Avoid Road
- View Custom Avoid List
- Delete All Custom Avoids

Back

② Touch the first corner and touch **Next**.

Step 1 of 3: Select Avoid Area First Corner

Back   Next

③ Touch the second corner and touch **Next**.

Step 2 of 3: Select Avoid Area Second Corner

Back   Next

④ Touch **Finish**.

Step 3 of 3: Confirm Avoid Area

Back   Finish

USING THE LOGS

Adjusting the Track Log

As you travel, the navigator creates a bread crumb trail (track log) of your movement. From the Menu page, touch **Tools** > **My Data** > **Track Log**.

Recording—turn off and on the track log recorder.

Percentage Full—displays the current percentage capacity of the track log. To clear the track log, touch **Percentage Full** > **Yes** > **OK**.

Map Display—displays the current track log on the map. Select a zoom setting at which the track log is shown. Touch **OK**. Your track log is displayed as a fine dotted line on the map.

Using the Mileage Logs

You can keep four different mileage logs of your travels. From the Menu page, touch **Tools** > **My Data** > **Mileage Log**. Touch a log to edit it.
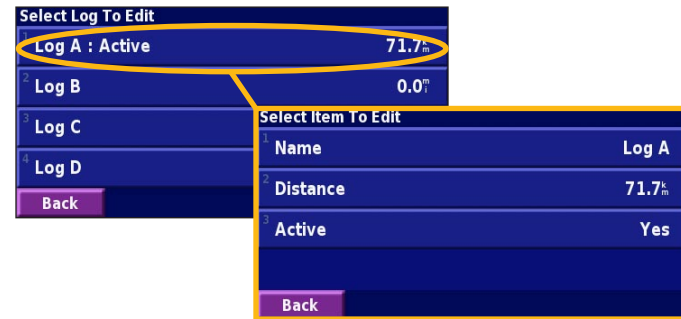
Name—enter a new name.

Distance—reset the mileage log.

Active—make this log active or inactive.

TRAFFIC INFORMATION

Using an optional FM Traffic Receiver, the navigation system can receive and use traffic information. When a traffic message is received, you can see the event on the map and change your route to avoid the traffic incident.
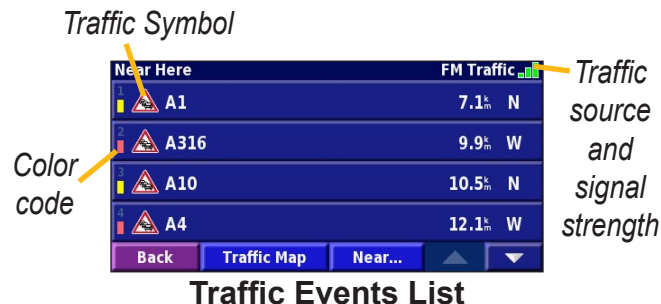
For more information about the FM Traffic Receiver, visit the Garmin Web site (www.garmin.com). For participating FM subscription providers and covered cities, refer to http://www.garmin.com/fmtraffic.

Make sure the FM Traffic Receiver is connected to the KNA-G520. Refer to the *Installation Guide* for more information.

Viewing Traffic Events

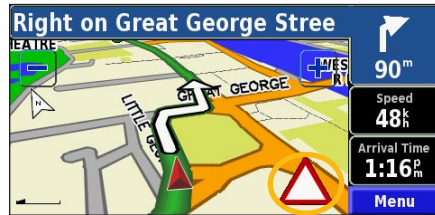From the Menu page, touch **Tools** > **Traffic Info**. Select an item in the Traffic Events list to view the details. Touch **Near…** to view traffic at a different location.

Traffic Symbol

Traffic source and signal strength

Color code

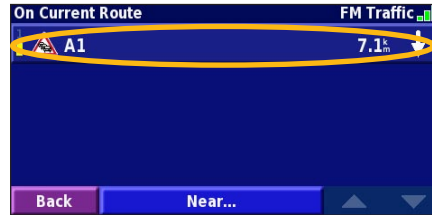| Near Here	FM Traffic
1 ⚠ A1	7.1ᵏₘ N
2 ⚠ A316	9.9ᵏₘ W
3 ⚠ A10	10.5ᵏₘ N
4 ⚠ A4	12.1ᵏₘ W
Back	Traffic Map	Near…	▲	▼

Traffic Events List

Avoiding Traffic

The map page displays a ⚠ when there is a traffic event on your current route or on the road you are driving. When you are following a route, touch the ⚠ to avoid the traffic.
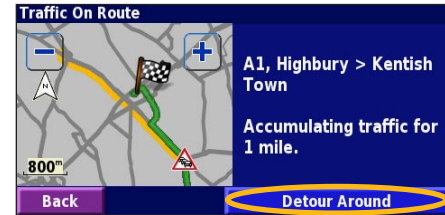
① From the map, touch ⚠.

Right on Great George Stree
Speed **48ᵏₕ**
Arrival Time **1:16ᵖₘ**
90ᵐ
Menu

② Touch an item to avoid.

On Current Route   FM Traffic
⚠ A1   7.1ₘ
Back   Near...

③ Touch **Detour Around**.

Traffic On Route
800ᵐ
A1, Highbury > Kentish Town

Accumulating traffic for 1 mile.
Back   Detour Around

Severity Color Code

The bars to the left of the traffic symbols indicate the severity of the traffic incident:

🟩 = Low severity (green); traffic is still flowing.

🟨 = Medium severity (yellow); traffic is a bit congested.

🟥 = High severity (red); traffic is heavily congested or stopped.

Traffic Symbols

International Symbols	Meaning	North American Symbols
⚠	Road Condition	🔶
⚠	Road Construction	🔶
⚠	Congestion	🔶
⚠	Accident	🔶
⚠	Incident	🔶
ℹ	Information	ℹ

Changing the Traffic Settings

From the Menu page, touch **Settings** > **Traffic**.

Subscriptions—view your traffic subscriptions. Touch the subscription to display the expiration date. To add a subscription, touch **Add Subscription**. See the next page for information about adding an FM Traffic subscription.

Symbols on Map—change the symbols used to indicate the type of traffic event. Touch **Style** to use **American** or **International** symbols. Touch each symbol to set the zoom scale at which each symbol appears on the map.

Severity on the Map—select the scale at which the severity is displayed on the map.

Audio Notification—turn on or off the audio notification when a traffic event occurs on the road you are traveling on or the route you are navigating.

Avoid Traffic—select **Yes** to avoid traffic events when generating a route.

Adding a Traffic Subscription

Your FM Traffic Receiver may come with a subscription, or you may be in an area with free service. You can also add subscriptions to expand your service area. Touch **Settings** > **About** > **FM Traffic Receiver** and write down your FM Traffic Receiver's unit ID. Go to http://www.garmin.com/fmtraffic to purchase a traffic subscription and get a 25-character traffic subscription code.

① Touch **Settings**.
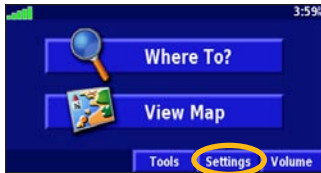
② Touch **Traffic**.
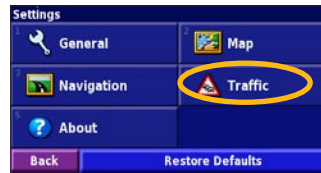
③ Touch **Subscriptions**.
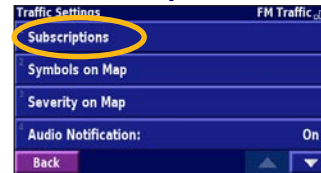
④ Touch **Add Subscription**
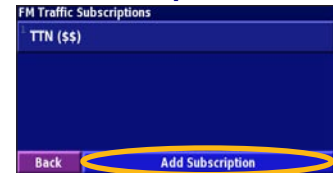
⑤ Touch **Next**.
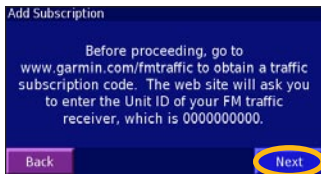
⑥ Enter the code and touch **Next**.

⑦ Touch **OK**.
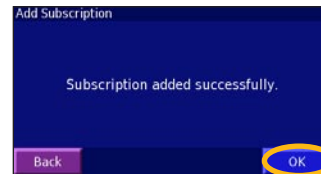
CHANGING THE SETTINGS

Adjusting the Volume

From the Menu page, touch **Volume**. Touch the ⊞ and ⊟ to adjust the volume. Touch **Mute** to silence the audio output.

Touch **Settings** to open the Audio Settings page. See for more information.

Changing the General Settings

From the Menu page, touch **Settings** > 🔧 **General**.

GPS

From the Menu page, touch **Settings** > **General** > **GPS**. See .

Changing the Language

From the Menu page, touch **Settings** > **General** > **Language**.

Voice Language—change the language for all voice prompts and messages. Touch the voice you want to use and touch **OK**. To delete that voice, touch **Delete** and **OK**.

Two different types of voice languages are available: text-to-speech and pre-recorded.

Languages noted with a person's name and (TTS) are text-to-speech (TTS) voices: for example, American English-Jill (TTS) is a text-to-speech voice. The text-to-speech voices "read" and "speak" the same words that are displayed on the screen. The voices have an extensive vocabulary, and they pronounce the street names as you approach turns.

Languages without a person's name are pre-recorded voices, which have a limited vocabulary and do not speak names of locations or streets.

NOTE: If you change the Voice Language, you must restart to complete this change.

Text Language—change the on-screen text to the selected language. Changing the text language does not change the language of map data or user-entered data.

Speech Rate—select the rate at which prompts are spoken.

Phonetics—turn on and off the phonetics feature, which improves the pronunciation of (TTS) voice prompts.

Customizing the Audio Settings

From the Menu page, touch **Settings** > **General** > **Audio**.

Attention Tone—turn on or off the attention tone sounded before voice prompts.

Touch Screen Tone—turn on or off the tone sounded each time you touch the screen.

Keypress Tone—turn on or off the tone sounded each time you press a button on the remote.

Speed Adjusted Volume—select how much the volume increases as your speed increases. Low increases your volume slightly; High increases your volume the most.

Customizing Proximity Alerts

From the Menu page, touch **Settings** > **General** > **Proximity Alerts** to adjust the notifications for custom POIs you have loaded. See page 39.

Changing Your Time Settings

From the Menu page, touch **Settings** > **General** > **Time**.

Time Zone—select your time zone.

Time Format—select 12 or 24 hour time format.

Daylight Saving—select Auto, Yes, or No. The Auto setting automatically adjusts the time for daylight saving based on your time zone.

Selecting Units

From the Menu page, touch **Settings** > **General** > **Units**. Change units of measure to Statute, Metric, or Custom.

Turning Safe Mode Off and On

From the Menu page, touch **Settings** > **General** > **Safe Mode**. Turn on or off the Safe Mode, which disables all unit functions that require significant operator attention and could become a distraction while driving. When it is turned on, Safe Mode operates when the vehicle's parking break is disengaged.

Changing the Map Settings

From the Menu page, touch **Settings** > **Map**.
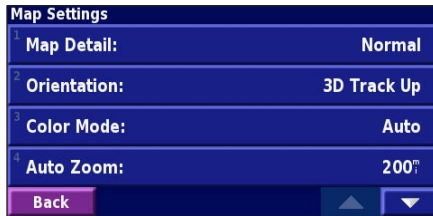
Map Detail—adjust the amount of detail shown on the map. Displaying more detail causes the map to redraw slowly.

Orientation—change the perspective of the map.

 • **2D North Up**—display the map in 2 dimensions (2-D) with North at the top.

 • **2D Track Up**—display the map in 2 dimensions (2-D) with your direction of travel at the top of the screen.

 • **3D Track Up**—display the map in 3 dimensions (3-D), with your direction of travel at the top of the screen. This is the default map view.

Color Mode—select Day for a bright background. Select Night for a black background. Select Auto to automatically switch between the two.

Auto Zoom—disable or enable automatic zooming on the map for optimal viewing. You can also specify a maximum Auto Zoom distance, from 30 meters to 1200 kilometers.

Route Color—select the color of the route line.

Dim Roads—dim roads that are not on your route. You can customize this setting to Never or While Routing.

Map Data Fields—customize the width and contents of the data fields displayed on the map page. Normal is the default setting.

1. From the Menu page, touch **Settings** > 🗺 **Map** > 🔽 > **Map Data Fields**.
2. Select **Wide** or **Thin**. Then touch **Next**.

Navigation Data Fields	
¹ Data Field 1	Dist To Turn
² Data Field 2	Turn Time
³ Data Field 3	Next Turn
⁴ Data Field 4	
Back	Next
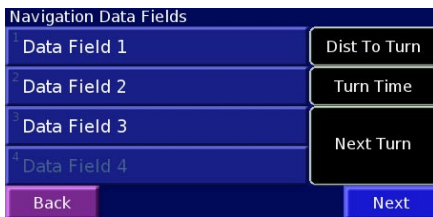
3. Touch the navigation data field you want to customize.
4. Select the type of data field.
5. Select how the data field appears.
6. Touch **OK**. Repeat for each navigation data field.
7. Touch **Next** to customize the non-navigating data fields.
8. Touch **Finish** to return to the Map Settings menu.

Text Size—adjust the display size of text on the map.

Zoom Level Detail—customize which map items appear at various zoom levels. For each map item, you can select Off, Auto, or a maximum zoom distance, from 30 meters to 1200 kilometers.

⚠ *NOTE: More detail increases the time it takes the map to refresh.*

Detail Maps—enable and disable the preloaded detailed maps.

Changing the Navigation Settings

From the Menu page, touch **Settings** > 📗 **Navigation**.

Vehicle—specify your vehicle type.

Preference—select a preference for route calculations.

Ask Preference—select whether the unit asks for your preference each time it calculates a route.
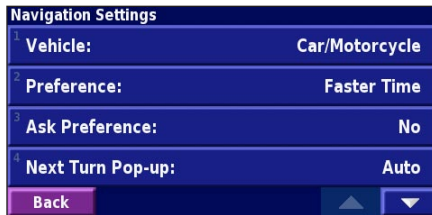
Next Turn Pop-up—select when the Next Turn pop-up window appears.

Dead Reckoning—set up Dead Reckoning so the navigation system can track your location accurately in areas where satellite reception is poor. For more information about these settings, refer to the KNA-G520 *Installation Guide*.

Off-Route Recalculation—set the way the unit responds when off the route. You can silence the "off-route, recalculating" message here.

Continuous Auto Routing—enable or disable the Continuous Auto Routing feature. This feature allows the unit to continually search for a better route to your destination. Continuous Auto Routing may be useful if a traffic accident occurs or there are time-restricted turns on the current route. A 📙 is displayed on the map when a better route than the one you are currently taking is available. Touch the 📙 to take the better route.

Avoidance Setup—see .

Adjusting the Traffic Settings

See page 29.

Viewing Unit Information (About)

From the Menu page, touch **Settings** > **About**.

Software—the unit's software version, audio version, and unit ID are listed.

Detail Maps—view information about the preloaded detailed maps.

FM Traffic Receiver—If you have a FM Traffic Receiver, you can view the FM Traffic Receiver's unit ID.

Restoring the Settings

To restore the unit to its original settings, open the Menu page and touch **Settings** > **Restore Defaults** > **Yes**.

APPENDIX

Using the Remote Control

You can use a standard Kenwood system remote control with the navigation system.

Updating Software and Map Data

To update the unit software, you must have an SD card, an SD card reader, and an Internet connection.

To update the navigation software:

1. Go to http://www.garmin.com/support/download.jsp. Select **Updates and Downloads**.

2. Click **Download** next to the unit software.

3. Read and agree to the terms. Click **Download**.

4. Select **Save**. Then save the update onto an SD card.

5. Insert the SD card into the side of the KNA-G520. Your software is updated automatically.

You can purchase map data updates from Garmin. Check http://www.garmin.com/unlock/update.jsp to see if an update for your map software is available.

Clearing All User Data

You can clear all user data, including all favorite places, routes, custom POIs, tracks, mileage logs, and your home location, at one time.

⚠ *CAUTION: You cannot recover your user data once it is deleted.*

1. Touch **Tools** > **My Data** > **Clear All**.

2. Touch **Yes**. The navigation system restarts.

Custom POIs (Points of Interest)

You can manually load custom points of interest (POI) databases, available from various companies on the Internet. Some custom POI databases contain alert information for points such as safety cameras and school zones. The unit can notify you when you approach one of these points.
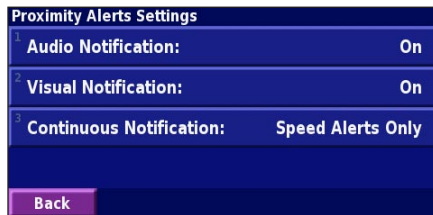
After downloading your POI database, use the Garmin POI Loader to install the POIs onto an SD card. Then, you can use the SD card to load the POIs into the KNA-G520. The POI Loader is available at http://www .garmin.com/products/poiloader. Refer to the POI Loader Help file for more information; press F1 to open the Help file.

⚠ *CAUTION: Garmin is not responsible for the consequences of using a custom POI database or the accuracy of the safety camera or other custom POI database.*

Adjusting the Proximity Alerts

To turn on or off the proximity alerts for custom POIs, open the Menu page and touch **Settings** > **General** > **Proximity Alerts**.

Proximity Alerts Settings	
1 Audio Notification:	On
2 Visual Notification:	On
3 Continuous Notification:	Speed Alerts Only

Back

Audio Notifications—turn off or on the alerts that sound as you approach a custom POI.

Visual Notification—turn off or on the pop-up alerts that appear as you approach a custom POI.

Continuous Notification—select which alerts (which types of POIs) you will be continually notified of.

Kenwood Warranty, UK & Ireland

Dear User of Kenwood Products:

Thank you for having chosen this Kenwood product (the "Product"). If it becomes defective under normal operating conditions, it will be repaired or replaced free of charge in conformity with the terms of this Warranty Card. In the event that the Product was purchased in any EEC Member State and you experience a problem, please take the Product to any official Kenwood importer, Authorized Dealer, Authorized Service Centre or retailer of Kenwood products in the EEC, together with the purchase receipt or other adequate proof of the date of purchase. If it was purchased outside the EEC, the Product must be taken to the retailer from whom it was purchased.

If the Product was purchased in the EEC and you wish to know the location of your nearest Authorized Dealer in the EEC, please contact the following for information.

KENWOOD ELECTRONICS UK LTD.
Kenwood House, Dwight Road, Watford,
Herts, WD18 9EB
Tel. 01923-816444

Please keep this Warranty Card as you will need it should a claim be necessary.

The Product is guaranteed for one year from the date of original purchase from any retailer of Kenwood products. The guarantee covers both materials and workmanship, and the repair shall be carried out free of charge. We reserve the right to replace the Product if it cannot be repaired

economically. Packaging, installation costs and any other costs or risks indirectly related to the actual repair, are not included in the warranty services and will be charged.

Conditions

A. Any claim under this warranty must be accompanied by this Warranty Card, and in addition:

(a) Your full name and address.

(b) The receipt or other document showing the date of purchase from a retailer established in Europe.

(c) The full name and address of the retailer from whom the Product was purchased.

(d) The Serial Number and Model name of the Product.

If this information cannot be provided, or if the Product has been modified or altered in any way since the date of purchase, Kenwood Corporation reserves the right to refuse to repair the Product under the terms of this Warranty.

B. The Product has been manufactured so that it complies with all national or local standards and safety requirements applicable in the country of first sale by the manufacturer in Europe. Modifications necessary for use elsewhere are not covered by this Warranty, and no liability for repair will be accepted in respect of any work done in this connection, or any damage to the Product arising from such work.

If the Product is used in a European country where it is subject to other standards and requirements than those applicable in the country of first

sale by the manufacturer in Europe, then any warranty services will be subject to the condition that the user bear the cost of adapting the Product to the applicable standards and requirements. In addition, if the Product is different in type from those marketed by the official importer in the country where it is offered for warranty repair, and the appropriate spare parts are unavailable in this country or the warranty service cannot be provided in this country for another legitimate reason, then the cost of shipping the Product for repair to and from the country of original purchase shall be borne by the user.

C. This Warranty does not cover:

(a) alterations of the Product, and normal maintenance and adjustments, including periodic check-ups mentioned in the Manual used with the Product;

(b) damage to the Product caused by inadequate or improper repairs carried out by any person or entity which is not authorized by the manufacturer to perform warranty services on its behalf;

(c) damage to the Product caused by negligence, accidents, modifications, defective installation or packaging, misuse, and use of inappropriate spare parts;

(d) damage to the Product caused by fire, immersion in water, lightning, earthquake, inadequate ventilation, Acts of God, incorrect application of main voltage howsoever arising, or any other cause beyond the control of Kenwood;

(e) loudspeakers damaged by application of power levels beyond the rated specification, and damages caused for whatever reason to records, tapes, cassette tapes, video tapes, compact disks, or any other goods which are not the Product itself;

(f) consumable or wearing items requiring replacement as part of normal service, including (but not limited to) phono-cartridges, stylus, drive belts, tape heads, racks, dry cells, rechargeable batteries and final tubes;

(g) the Product from which any or all of the serial numbers has been removed, modified or defaced;

This Warranty is available to any person who has legally obtained the Product. Subject as mentioned above, the Product will be repaired or replaced free of charge. These rights in no way interfere with or otherwise affect the rights of the user of the Product under the applicable legal provisions.

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