



TeleNav GPS Navigator™ v5.0

GPS Navigation Suite for Samsung SCH-R500

Available on the Alltel network

User's Guide

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1. Welcome

The TeleNav GPS Navigator™ application on your phone uses GPS position determination technology and access to your carrier's data network to provide you with driving directions and a host of other services including:

- GPS navigation that gives you turn-by-turn directions to any destination address in the continental United States. If you miss a turn or get off-track, TeleNav GPS Navigator will calculate a new route for you. You can enter a destination address by using TeleNav GPS Navigator's automatic voice recognition system or by typing on the phone's keypad.
- A Directory feature that allows you to find businesses or points of interest near your current location, near an airport, near a waypoint or near any other entered address. You can easily call the business that you've found to check on the availability of an item or to make a reservation. You can navigate to the business location now or save the address for later use.
- Maps of the area around your current location, around a marked waypoint, or around an address that you had previously entered. You can pan the map (adjust left, right, up or down) and zoom in or out. You can also mark a point under the cursor as a waypoint.
- The ability to personalize your application preferences by selecting US customary or metric distance units, the language for audible guidance, and so on.
- A compass-like indicator presenting your direction of travel, location, and speed.
- You can also use many of TeleNav GPS Navigator's features on the TeleNav website, like getting driving directions (Route Planning) and using the Directory to find businesses, churches, schools and government offices. You can also use the TeleNav website to add an address to your My Favorites list, manage your My Favorites and Recent Places lists, and shop at the TeleNav Store.

2. Safety and Legal Notices

Please read this section carefully before using TeleNav GPS Navigator

TeleNav, Inc. will not accept any responsibility whatsoever for accidents resulting from failure to observe common sense precautions. Your personal judgment, traffic regulations, and common sense must always take precedence over any driving direction produced by TeleNav GPS Navigator.

WARNING: Keep your eyes on the road.

It is your responsibility as the vehicle operator to keep your eyes on the road and be an alert driver at all times, ESPECIALLY when the vehicle is moving. The vehicle operator should not be distracted by the application displays, by audible cues, or by manually interacting with the controls. When you need to enter data on your phone using the keypad or study the display, only do so while the vehicle is parked, not while the vehicle is in motion. Turn off your phone if your ability to drive responsibly is decreased by using the TeleNav GPS Navigator application.

WARNING: Install the equipment safely.

If you are using a phone mounting kit, make sure that it does not obscure your vision. You may wish to charge the phone while using TeleNav GPS Navigator. If so, make sure that the charging cable does not interfere with any of the vehicle's controls.

WARNING: Drive safely and use common sense.

The vehicle operator’s personal judgment, traffic regulations, and common sense must always take precedence over the instructions provided by TeleNav, Inc.

It is your responsibility as the vehicle operator to drive safely, observe all traffic rules, and use your own personal judgment while driving. If you feel that a route suggested by the navigation software instructs you to perform an unsafe or illegal maneuver, places you in an unsafe situation, or routes you into an area which you consider to be unsafe, do not follow the navigation instructions.

3. Data Service Options

The TeleNav GPS Navigator application that you install on your phone requires public Internet access, which is typically provided by your carrier’s data network.

The TeleNav GPS Navigator application on your phone communicates with the TeleNav GPS Navigator servers to get routing, maps and points of interest via your carrier’s data network. You do not need to purchase additional data services if you already have a data or email services plan for your phone. However, if you do not already have a data or email services plan, you must order one from your carrier so you can use the TeleNav GPS Navigator application.

Alltel

1866-ALLTEL7 (1-866-255-8357)

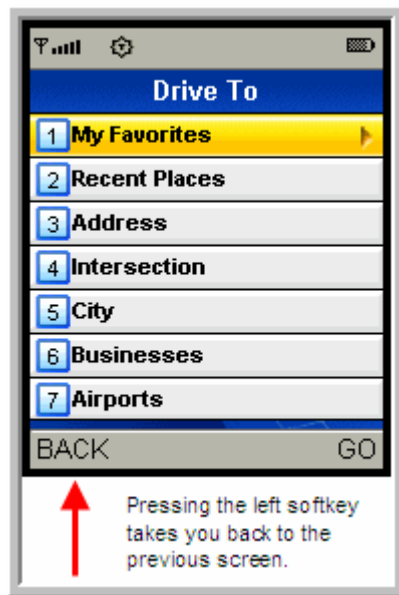
4. The Phone Controls

The following keys on your phone are referenced in this manual as follows:

Left softkey The key in the upper left corner of the keypad with the minus sign (“-”).



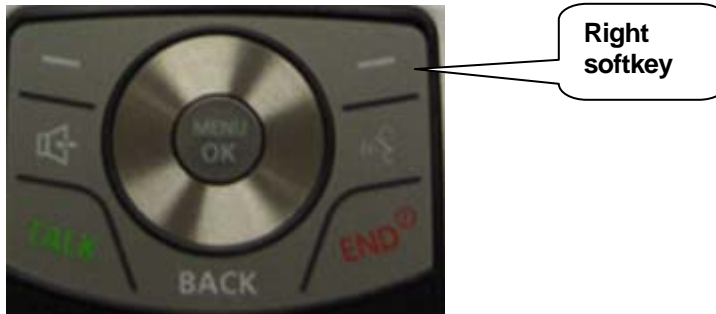
The left softkey performs the function directly above it on the menu bar at the bottom of the screen of the TeleNav GPS Navigator application. The left softkey is typically used to go **back** one screen, **close** a screen or **exit** the application. In the illustration below, the left softkey takes you back to the previous screen (the TeleNav GPS Navigator Main Menu).



Right softkey

The key in the upper right corner of the keypad with the minus sign (“-”). The right softkey performs the function directly above it on the menu bar at the bottom of the screen of the TeleNav GPS Navigator application.

The right softkey is typically used as a **Yes** or **Go** command (usually the same as pressing the **OK** button), although sometimes it opens a special menu or puts the keypad in a different mode. For example, the right softkey switches you between alpha and numeric modes when you type information in a text field. In the illustration above, the right softkey executes the Go command and takes you to the My Favorites screen.



BACK button

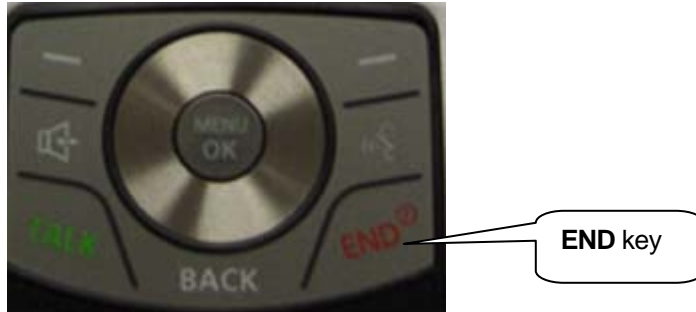
The **BACK** button is located below the down 5 way navigation key. For consistency throughout the TeleNav GPS Navigator application, consider using the left softkey instead of the **BACK** button to go back to the previous screen. The **BACK** button is normally only used to delete entries in a text field.

OK button

The **Menu/OK** button in the center of the circular navigation key.

Navigation keys The circular navigation key that surrounds the **OK** button. The navigation key has four possible choices—left, right, up, and down. These are referred to as the left navigation key, the right navigation key, the up navigation key and the down navigation key.


END key The **END** key returns you to the Alltel Home screen. Pressing and holding the **END** key turns off the phone.

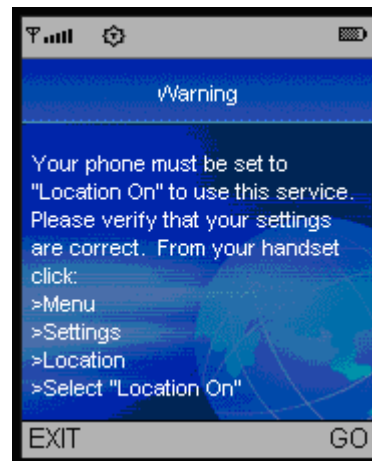


Speaker Turn the speaker on by pressing and holding the button at the upper-right side of the device until the “Speakerphone On” message box appears.

5. Turning On Location Setting

For TeleNav GPS Navigator to work, you must set your phone’s Location Setting to “Location On” by following the steps outlined below:

1. Go to phone’s home screen.
2. Press the MENU button.
3. Select Settings.
4. Select System.
5. Select Location.
6. Select “Location On.”
7. Press **OK**.
8. See that  now appears in the phone’s status bar.



6. Launching the TeleNav GPS Navigator Application

To launch the TeleNav GPS Navigator application on your phone, do the following steps:

1. Turn on your phone.
2. Select the Main Menu icon when the Preview screen appears.

Note: If you are doing another function on your phone and want to go to the Preview screen so you can launch the TeleNav GPS Navigator application, press the **END** key once. As mentioned earlier, if you hold the **END** key down too long, it may shut off the phone.

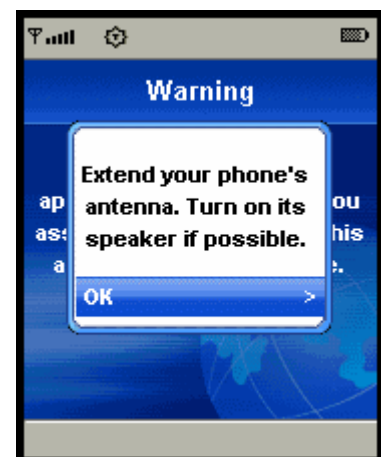
3. Select the My Content icon.
4. Select Applications in the My Content menu.
5. The TeleNav GPS Navigator splash screen appears.



6. The following message appears: "Extend your phone's antenna. Turn on its speaker if possible."

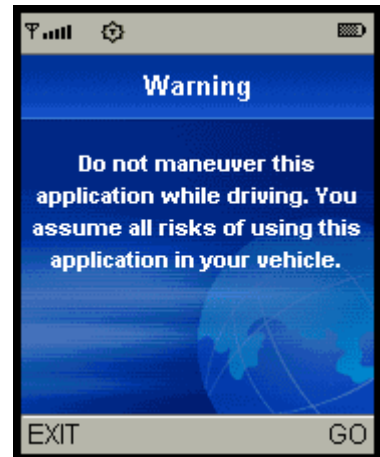
Extend your phone's antenna and turn on the speaker if it is not already on. Then select the **OK** button.

To turn the speaker on press the speaker button located on the right side of the device.

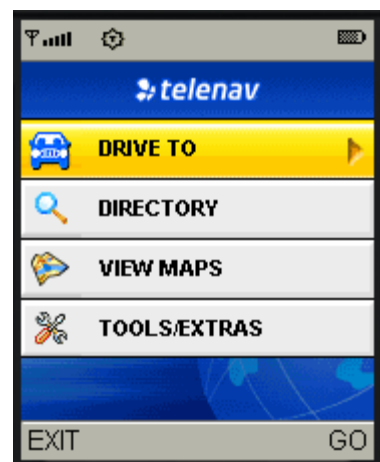


7. A warning message appears with a message similar to the following:
“Do not maneuver this application while driving. You assume all risks of using this application in your vehicle.”

Press the left softkey to reject this warning and exit application startup, or press the right softkey to accept this warning and start the TeleNav GPS Navigator.



8. The TeleNav GPS Navigator Main Menu appears, displaying the following menu options:
- Drive To
 - Directory
 - View Maps
 - Tools/Extras



7. Using the TeleNav GPS Navigator Application

You can use the TeleNav GPS Navigator for many business and personal functions including:

- Finding businesses, churches, schools, government offices, police and fire stations, etc.
- Getting audible and visual driving directions to virtually anywhere in the United States within an Alltel coverage area.
- Making reservations at restaurants, motels and hotels.
- As a replacement for paper maps.
- As a personal information manager to keep a My Favorites list of places that you've visited or called.

For example, you can use the TeleNav GPS Navigator to find a motel, save the motel's location to your My Favorites list so you can easily find it again later, call it and make reservations, then get audible turn-by-turn and visual directions to the motel.

You can also search for a particular type of business closest to your current location or closest to another location. For example, you could search for a Mexican restaurant closest to your current location or closest to the motel at which you just made reservations.

In addition, you can also search for locations along your route. For example, you can search for all of the gas stations that sell your favorite brand of gas on your route between Dallas and Houston.

See the Quick Start section on page 11 for tutorials that show you how to use TeleNav GPS Navigator's features.

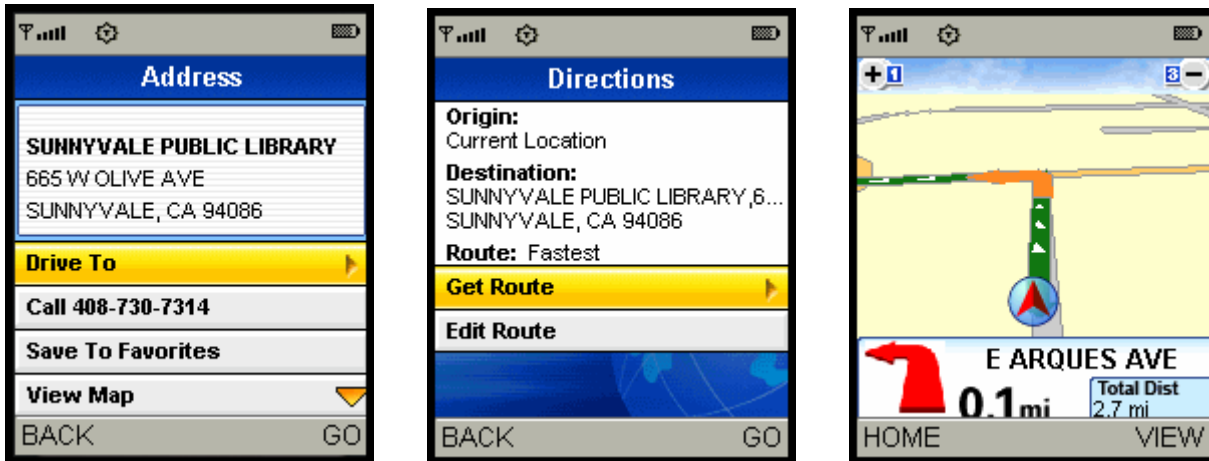
For an overview of the menu options, see the TeleNav GPS Navigator Menus section on page 34.

Quick Start

The tutorials in this section get you up and running quickly so you can:

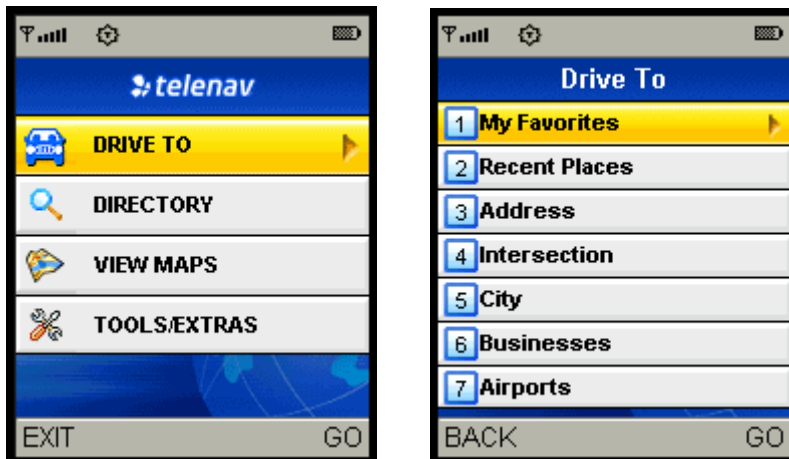
- Get driving directions (see page 12).
- Get initial driving directions (see page 17).
- Refine your GPS point of origin (see page 18).
- Understand the meaning of various audible guidance tones (see page 18).
- Miss a turn? (see page 18).
- Change navigation options like your origin, destination or route style (see page 17).
- Learn about navigation views like map options, itinerary lists and searching for locations along a route (see page 18).
- Enter a Drive To address by typing or speaking (see page 23).
- Save locations to your My Favorites list so you can find them later (see page 25).
- Delete locations from your My Favorites list (see page 27).
- Select recent locations from your Recent Places list (see page 27).
- Search the Directory to find businesses, churches, schools, government offices, police and fire stations and other entities (see page 29).
- View maps (see page 18).
- Call locations that you've found like restaurants, motels, stores and so on (see page 32).
- Take an incoming call when you're using TeleNav GPS Navigator (see page 33).
- Change your PIN number (see page 33).
- Interruption of other phone services (see page 33).
- Exit the TeleNav GPS Navigator application (see page 34).

Get Driving Directions (Drive To)

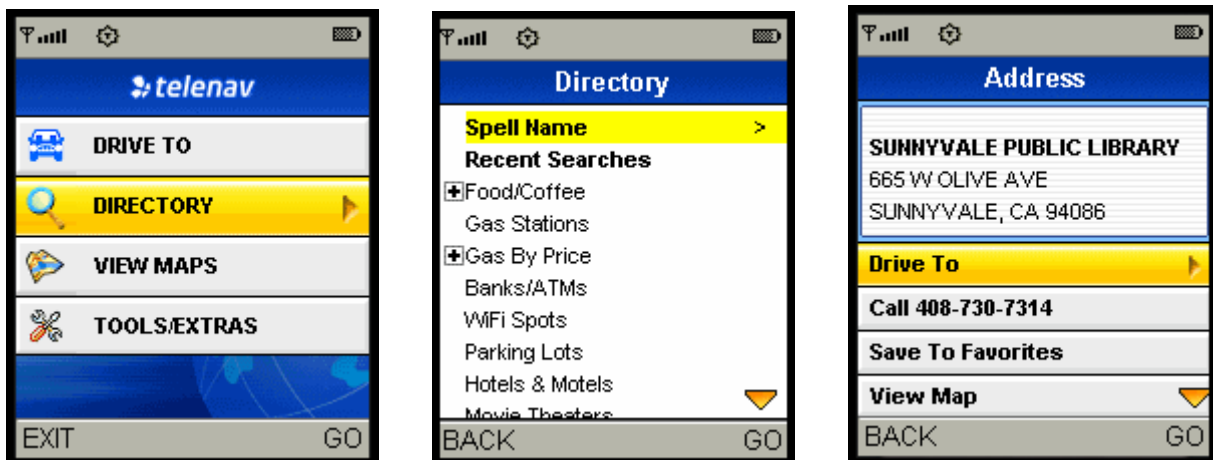


There are three ways to get driving directions to a desired location (follow the “see page” cross references for details about these features).

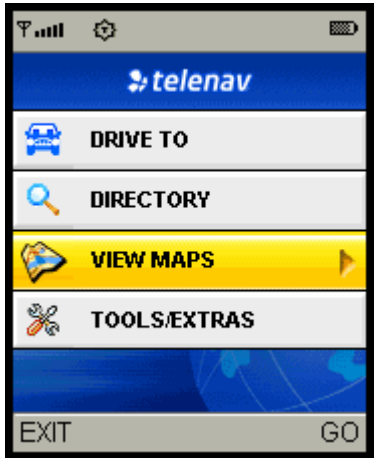
1. Select the Drive To option from the TeleNav GPS Navigator Main Menu. Then select one of the seven Drive To menu options shown below (see page 13).



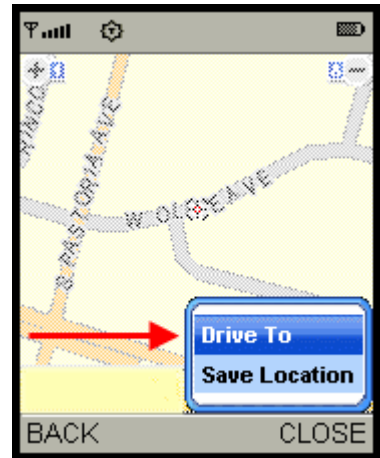
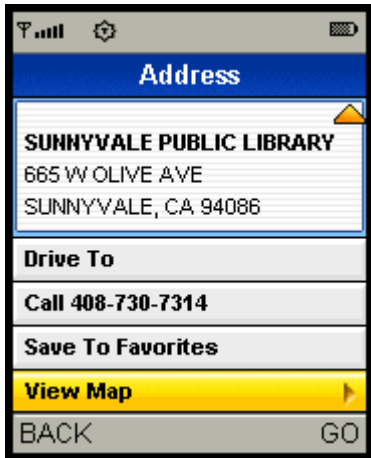
2. Select Directory from the TeleNav GPS Navigator Main Menu. Search for a location and select Drive To (see page 13).



3. Select View Maps from the TeleNav Navigator Main Menu and select one of the seven menu options in the Maps screen shown below:

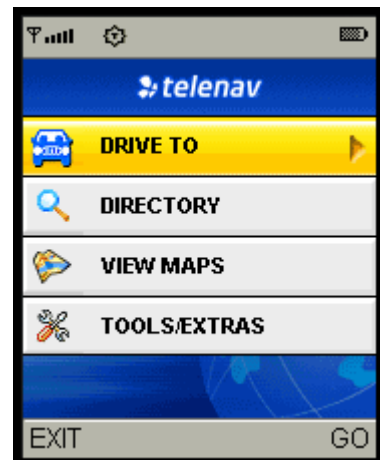


Or, from an Address screen, select View Map > Action > Drive To (see page 31)



To use the Drive To menu, do the following steps:

1. Select Drive To from the TeleNav GPS Navigator Main Menu.



2. Select one of the following options from the Drive To menu as shown in the illustration to the right and discussed below.

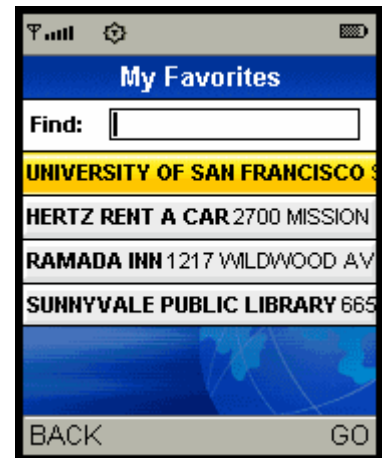


My Favorites

In the My Favorites screen, press the down navigation key until you highlight your desired location. Then press the **OK** button.

Your My Favorites list can grow to an unlimited length. If your My Favorites list gets very large, it may be easier to use the Find function to find your desired Favorite. To use the Find function, enter one or more alphanumeric characters in the Find text box and press the **OK** button.

You have four options when you select a Favorite: get driving or walking directions, view a map of this location, rename the Favorite, or delete the Favorite.



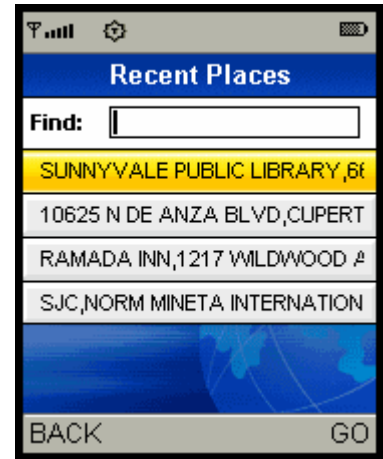
Recent Places

In the Recent Places screen, press the down navigation key until you highlight your desired location. Then press the **OK** button to go to the Address screen for this location.

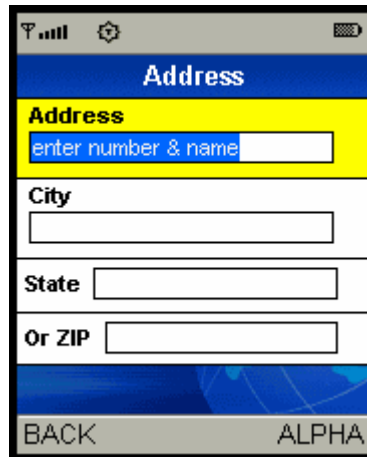
You have four options from the Address screen: Drive To (to get driving directions to this location); View Map (to view a map of this location); Save To Favorites (save this Recent Place to your My Favorites list); or Delete (delete this address from your Recent Places list).

Selecting Drive To from the Address screen takes you to the Directions screen.

Your Recent Places list can grow to an unlimited length. If you have a large Recent Places list, it may be easier to use the Find function to find your desired Recent Place. To use the Find function, enter one or more alphanumeric characters in the Find text box and press the **OK** button.



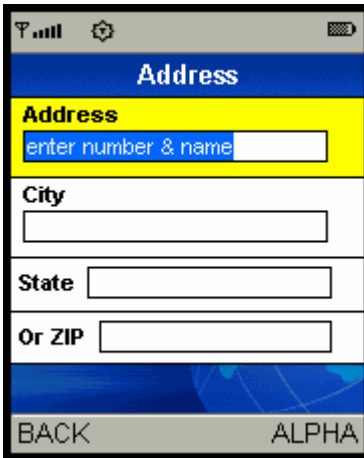
Address



Enter a street address by typing in the appropriate fields as shown above. Then press the **OK** button twice. After your location appears, you have three options: get directions, view a map of the address, or save the address to your My Favorites list. You can also enter an address by speaking (see page 24).

The TeleNav GPS Navigator checks to see if the address that you entered can be found. The TeleNav GPS Navigator prompts you to modify the address if the address is too new to be found in the mapping database or if the street number can't be found for some other reason (i.e., if the street number doesn't exist).

Intersection



Enter an intersection by typing as shown above. Then press the **OK** button twice. You can also enter an address by speaking (see page 24).

The TeleNav GPS Navigator checks to see if the intersection that you entered can be found. The TeleNav GPS Navigator prompts you to modify the name of the intersection if one of the streets doesn't exist, if the streets don't cross, or if the address is too new to be found in the mapping database.

You have three options when you select an intersection: get directions, view a map of the intersection, or save the intersection to your My Favorites list.

City

Type the name of a city in the City field. The City field has an auto-fill feature, so you usually won't have to type the whole name of the city or the name of the state. If the city that you're looking for appears in the drop-down list box under the text field, you can press the down navigation key until you highlight the desired city. Then press the **OK** button.

If you have to type the whole name of the city, do so in the City field. Then press the **OK** button. Press the down navigation key to place the cursor into the State field that appears. Type the two-letter abbreviation for the state if you know it, or spell the whole name of the state if you don't. Then press the **OK** button. Press the down navigation key to highlight **Done**, and then press the **OK** button.

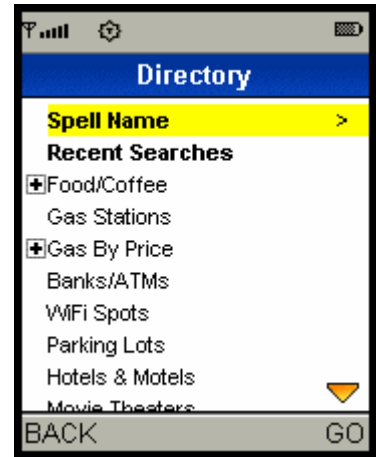
You have three options after you select a city: get directions, view a map of the city, or save the city to your My Favorites list.



Businesses

Navigate to your desired location in the Directory. Then press the **OK** button to select it.

You have four options when you select a desired location: make a phone call, get audible and visual driving or walking directions, view a map of the location, or save the selected business or other entity to your My Favorites list.



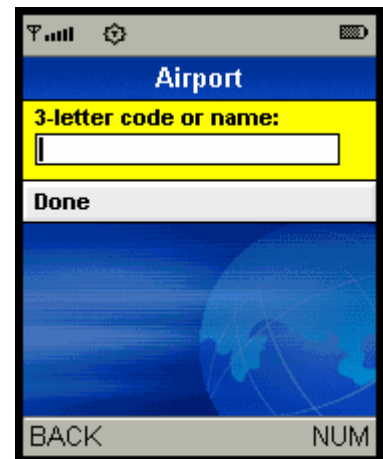
Airports

Type the three-letter abbreviation of the airport or type the whole name of the airport > press the **OK** button > press the down navigation key to highlight **Done** > press the **OK** button.

However, if a drop-down list appears with the name of the airport, you may be able to save time and keystrokes by pressing the down navigation key to highlight the name of the desired airport and then pressing the **OK** button.

You have three options after you select an airport: get directions, view maps, or save the airport information to your My Favorites list.

Note: If you are not sure of the street that you're on, simply start driving. TeleNav GPS Navigator will revise its estimate of your location and provide you with a new route if needed.

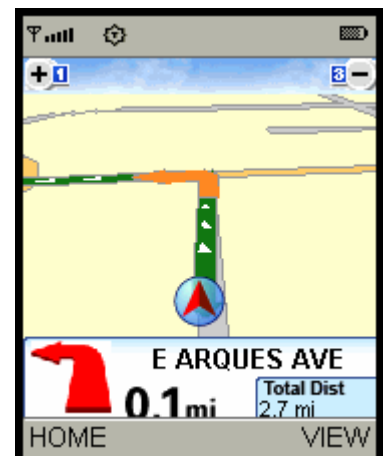


Initial Driving Directions

Within a few seconds of selecting a Drive To location, the TeleNav GPS Navigator calculates what it believes to be an optimal route to your destination and tells you how to start your trip from your current location.

If you are not moving, the TeleNav GPS Navigator may not know your direction of travel, so the first few driving directions may be incorrect since the TeleNav GPS Navigator may initially make an incorrect assumption. However, once you start moving, the TeleNav GPS Navigator learns your direction of travel and provides an updated set of driving directions.

For more information about navigation views, see page 19.



GPS Origin Refinement

If you are using GPS navigation and you are in a parking lot or similar area where your location does not exactly map to a specific street, you may see a popup that shows the TeleNav GPS Navigator's best estimate of which street you are on. This gives you the opportunity to change the starting street.

If you elect to change the starting street, a list of neighboring streets appears and you can make an alternate selection from the list. If you do nothing, the first popup disappears after a few seconds and the TeleNav GPS Navigator uses the default street as the starting location.

If you are not sure which street you are on, simply start driving. The TeleNav GPS Navigator detects your current location and recalculates your driving directions as needed.

Audible Guidance Tones

The TeleNav GPS Navigator application delivers audible guidance tones (beeps with a recognizable pitch) as you drive in addition to spoken audible directions. A preparatory audible tone is typically heard no less than 30 seconds before reaching a turn, and an action audible tone is typically heard no less than 10 seconds before reaching a turn. The preparatory audible tone may not be sounded if the distance to the next turn only allows time for the action tone.

The lead times for the audible guidance tones are increased proportionally to your driving speed. For example, this allows more time for changing lanes before a turn if you are driving at highway speeds as opposed to driving more slowly on local streets.

Miss a Turn?

Whenever you miss a turn, turn the wrong way, turn too early or too late, or otherwise get off the planned route to your destination, the TeleNav GPS Navigator automatically creates a new route to your desired destination, and an audible tone announces that a new set of instructions is available.

If you realize you have missed a turn or have otherwise gotten off the route, just keep driving. The TeleNav GPS Navigator detects your current location and recalculates a new set of driving directions to get you back on track.

It may take approximately 15 to 30 seconds for the TeleNav GPS Navigator to update your route. If during this process you make additional deviations from your current route, the TeleNav GPS Navigator may have to contact its servers for another new route.

Since the TeleNav GPS Navigator requires access to your carrier's network, if you are off route and outside of the carrier's coverage area, you must return to your carrier's coverage area in order for TeleNav GPS Navigator to recalculate your route.

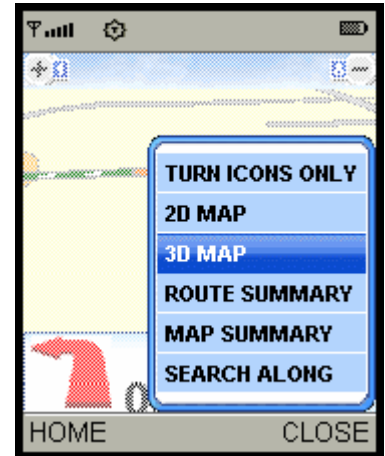
Navigation Views

The default navigation view is 3D moving maps, but you may wish to use another option when you're navigating. Pull over and stop your vehicle in a safe place before changing navigation options. You may even wish to plan your trip before you start by looking at other navigation views.

You can access other navigation views after you start a navigation session, for example from the Drive To menu. Press the right softkey to select the View menu as shown in the illustration to the right.



Use the up and down navigation keys in the View menu to select the desired navigation view, then press the **OK** button.



Note: In some screens you may be able to toggle to other navigation views by simply selecting the right softkey.

The current navigation view appears in the lower right corner of the screen as shown in the illustration to the right.



The View menu has the following options:

Turn Icons Only

Turn icons without maps.



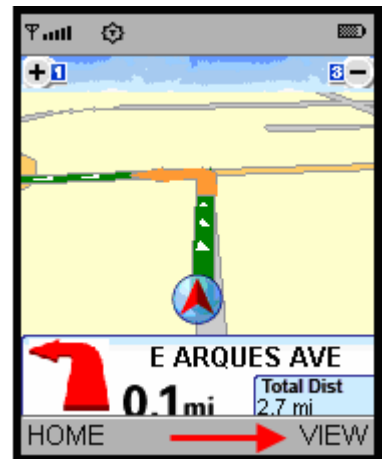
2D Map

A 2-dimensional map with turn icons.



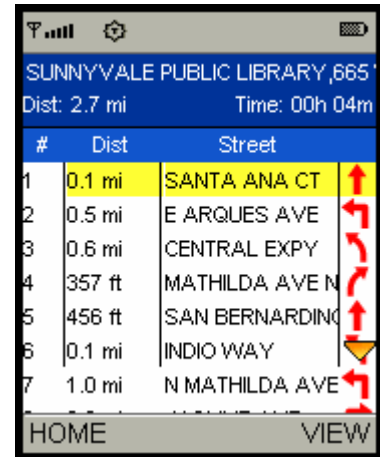
3D Map

A 3-dimensional map with turn icons (default).



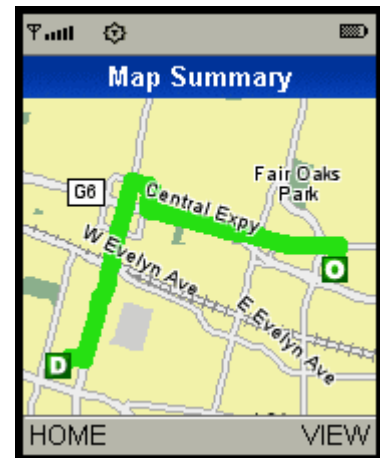
Route Summary

A text listing of every turn for this navigation session from your starting location to your destination along with mini turn icons.



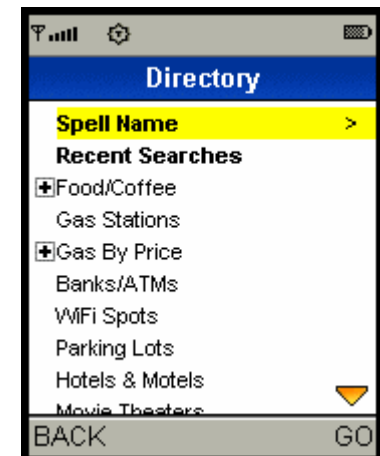
Map Summary

The entire route from your starting location to your destination is drawn on a map.



Search Along

Use the Directory to find the desired locations along your navigation route. For example, find every Mexican restaurant on your route between San Francisco and Sacramento. This also displays how many miles off your route each restaurant is. Select a restaurant from the Search Along list to get driving directions from your current location to the restaurant.



Navigation Options

After you select a Drive To location, the Directions screen appears. The TeleNav GPS Navigator assumes that you want to start from your current location, but you can select the Edit Route option to change the Origin or the Destination of your trip.

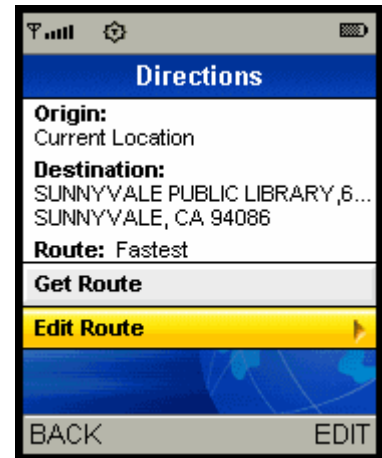
Simply press the up or down navigation keys to halt the automatic Get Route function and the Edit Route menu item will be highlighted. Press the **OK** button or the right softkey to access the Edit Route menu.

Note: You can also get walking directions that may make your walking route easier, for example by allowing you to take advantage of going the wrong way down one-way streets. As always, use your common sense to determine the safety of any route.

To get walking directions from any Directions screen, select:

Edit Route > Route Style > Pedestrian

The Edit Route menu allows you to select a new origin or destination by using any of the methods discussed in the Get Driving Directions section on page 12. For example, you could select a location from your My Favorites or Recent Places lists, you could search for a business or other entity in the Directory, or you could enter an address, an intersection, or a city.



You can also modify the Route Style for your trip by selecting one of the following options:

- **Fastest** - This default Route Style finds the fastest driving route.
- **Shortest** - This Route Style may or may not take more driving time, but it shows you the shortest distance.
- **Prefer Streets** - Use streets instead of highways if possible.
- **Prefer Highway** - Use highways instead of streets if possible.
- **Pedestrian** - Find walking directions.



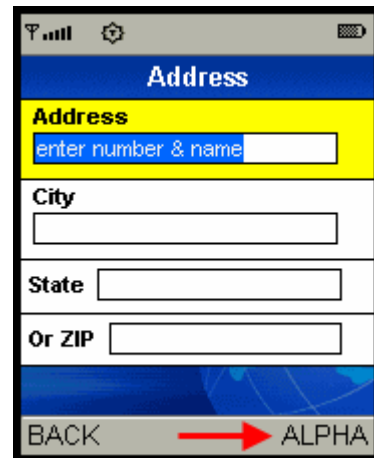
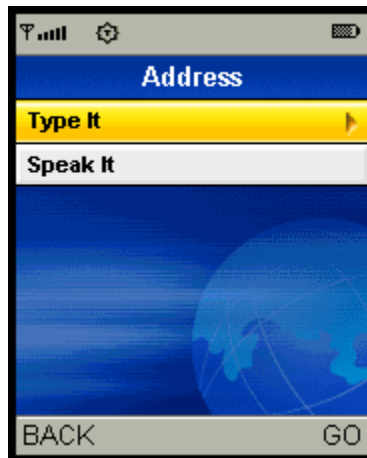
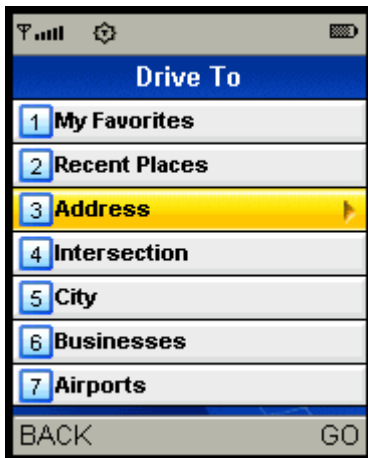
Enter a Drive To Address

In the Drive To Address and Drive To Intersection menus, you have the option to type in or speak an address.

Enter an Address by Typing

Typing an address or intersection is straightforward. See the User's Guide for your Alltel phone for information on how to enter numbers and letters.

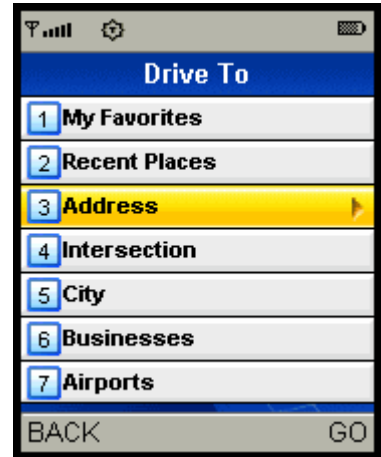
Hint: To change back and forth from typing numbers to typing letters, press the right softkey. The right softkey menu will say ALPHA for the letters option and NUM for the numbers option.



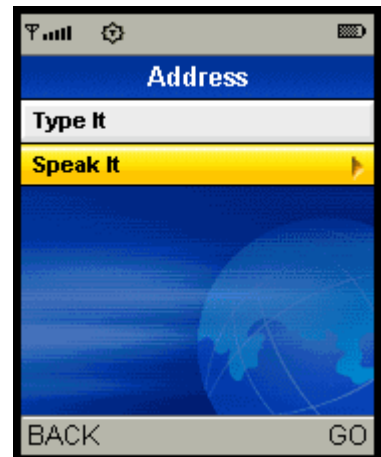
Enter an Address by Speaking

To enter an address by speaking, do the following steps:

1. From the Drive To menu, select Address or Intersection.

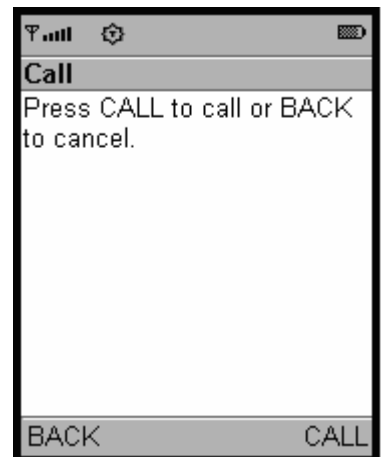


2. Select the Speak It option. This places a call to the TeleNav Speak It server.



Because this phone can only do one function at a time, it cannot make a call and run the TeleNav GPS Navigator at the same time. Therefore, the phone will automatically exit from the TeleNav GPS Navigator application when you make a call.

3. Re-launch the TeleNav GPS Navigator application after speaking your directions.



The location you entered by speaking will appear at the top of your Recent Places List after you re-launch the TeleNav GPS Navigator application. (Select Drive To or View Maps, then select Recent Places.)

The following section contains an example of what you might hear and say when using the Speak It option for entering an address.

TeleNav GPS Navigator prompt> Welcome to TeleNav! Powered by TeleNav. Say the city and state you want like **San Francisco, California**.

Your response> Arlington, Texas

TeleNav GPS Navigator prompt> I heard Arlington, Texas. To change this say **GO BACK**. Say the street you want like **WILSON AVENUE**, or say **Highway 101**.

Your response> Oak Street

TeleNav GPS Navigator prompt> I heard Oak Street. To change this say **GO BACK**. Say the street number or say **INTERSECTION** to name a cross street.

Your response> 1620

TeleNav GPS Navigator prompt> I heard 1620. To change this say **GO BACK**.

Your response> Silence (assuming that 1620 was correct)

TeleNav GPS Navigator prompt> Destination entered. Please launch TeleNav on your phone.

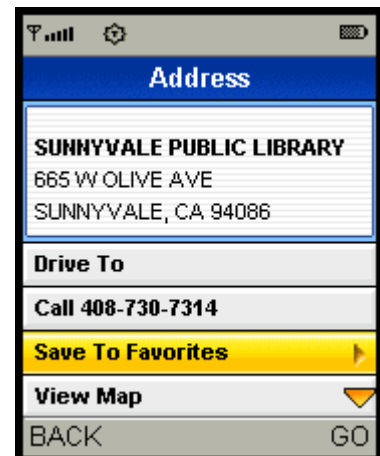
The call is terminated and you are automatically returned to the previous TeleNav GPS Navigator screen.

From the TeleNav Main Menu, select Drive To for driving directions, or select View Maps to view a map. Then select the Recent Places option. The address you just entered using the voice address input system is at the top of your Recent Places list.

Note: If you change your mind, you have the option of selecting View Map from the Drive To Address screen. Likewise, you can select Drive To from the View Maps Action menu.

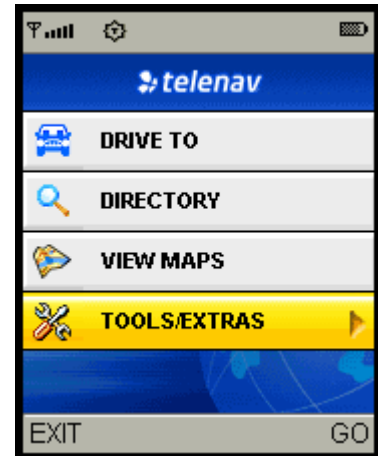
Save a Location to My Favorites

To save a location to your My Favorites list, select the Save To Favorites option from a location screen. You can reach a location screen from a number of menus, including Drive To, Maps, Directory, etc.

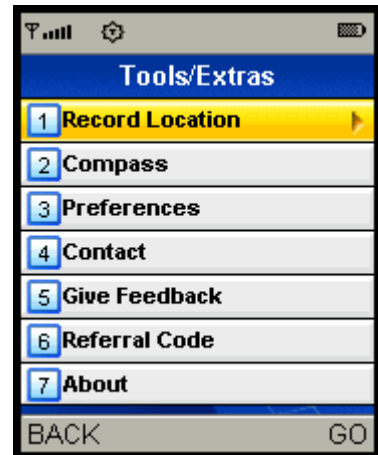


To save your current location to your My Favorites list, do the following steps:

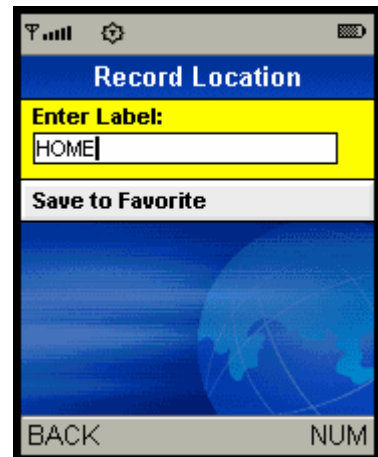
1. Select Tools/Extras from the TeleNav GPS Navigator main menu.



2. Select Record Location.

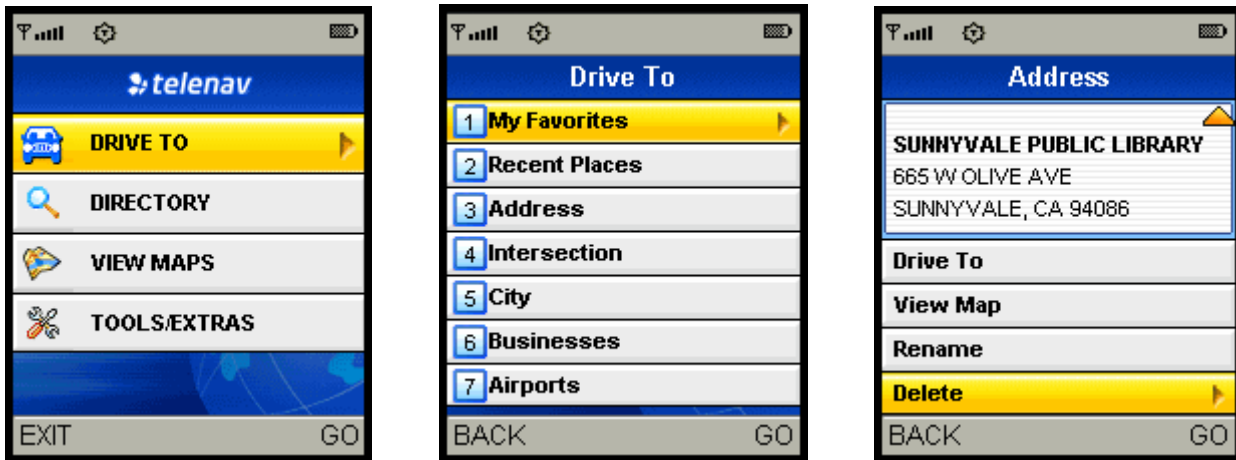


3. Enter the label that will appear in your My Favorites list (i.e., HOME or NY OFFICE).
4. Press the **OK** button to apply this name to your new Favorite.



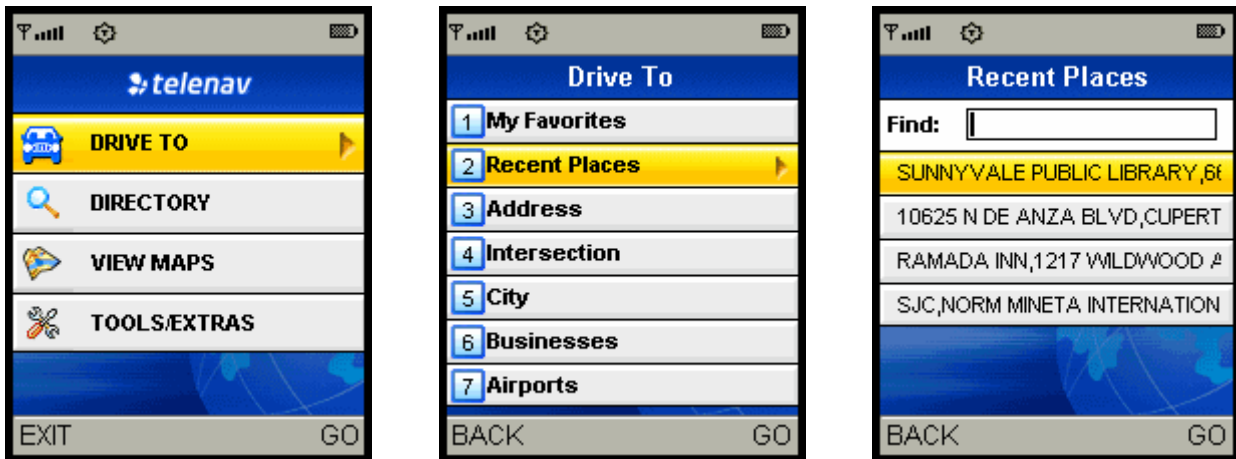
Delete a Location from My Favorites

To delete a location from your My Favorites list, highlight the location in your My Favorites list and select the Delete option. For example:

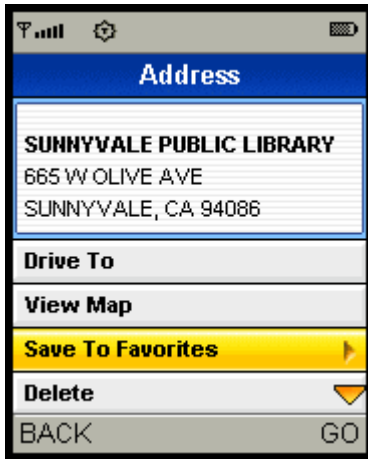


Select a Recent Place

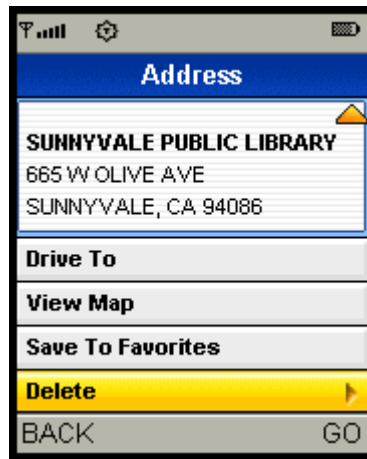
TeleNav GPS Navigator automatically keeps a list of all of the places that you've found when using any of the Drive To functions. You can access the Recent Places list from the Drive To menu or the View Maps menu.



You can save a Recent Place to your My Favorites list (the location stays in your Recent Places list). You can also delete a Recent Place from your Recent Places list if you don't want to display it any longer.

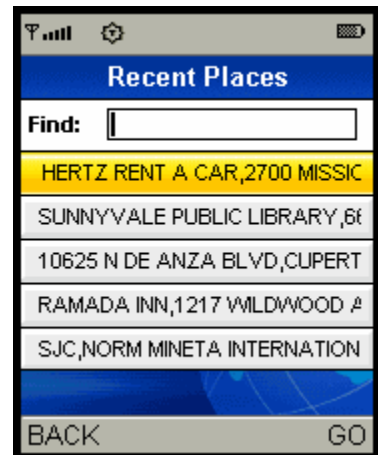


or



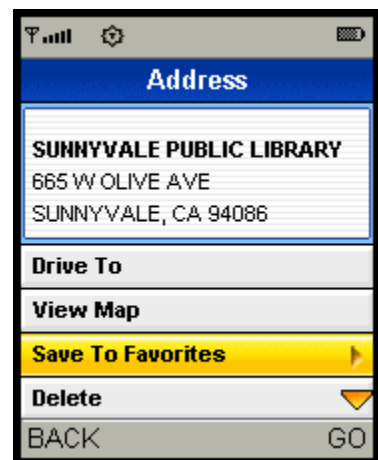
You can select a Recent Place by scrolling through your Recent Places list. You can scroll through your Recent Places list page-by-page by selecting the up or down scroll icons.

If your list is too long, you can enter one or more alphanumeric characters in the Find text box and the Recent Places that match your search are automatically selected and displayed. As you accumulate Recent Places, you may find that sooner or later you will have to use the Find text box because you have too many Recent Places to scroll through easily.



When you select a Recent Place from the Drive To menu, you have the following options:

- Drive To
- View Map
- Save To Favorites
- Delete



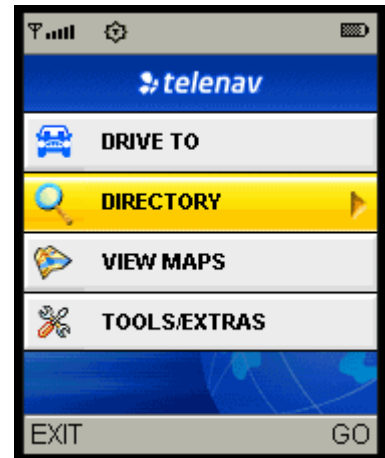
When you select a Recent Place from the View Maps menu, a map of your Recent Place appears. You can then press the right softkey to select the Action menu. From the Action menu, you can select the Drive To option for driving directions or the Save Location option to add this location to your My Favorites list.



Search the Directory

You can use the Directory to find businesses, churches, schools, government offices, police and fire stations, and so on. To use the Directory do the following steps:

1. From the TeleNav GPS Navigator Main Menu, select Directory.
2. There are three ways to find what you're looking for in the Directory:
 - Spell the name.
 - Look at a list of your Recent Searches.
 - Select a category in the Directory list. For example, Gas By Price or Complete List > Community > Libraries.

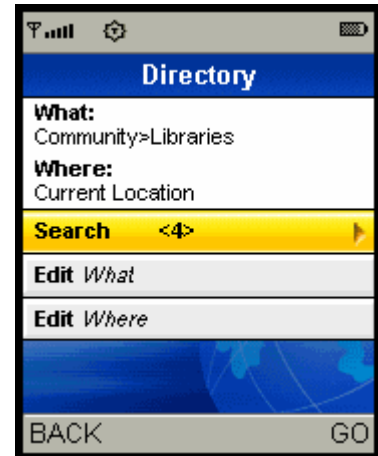


3. Make a selection and then do one of the following:

- Press the **OK** button to start your search, or
- Wait for the default seven-second countdown to automatically launch your search. The illustration on the right shows 4 seconds left on the automatic countdown.

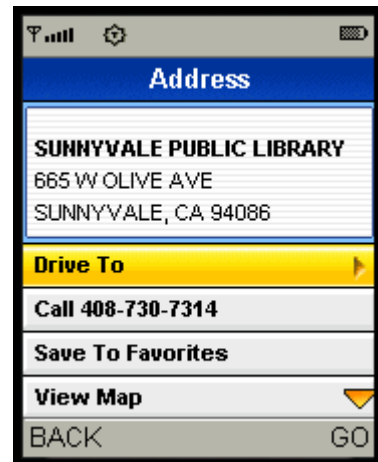
Note: Press the down navigation key to stop the automatic search countdown. Press the left softkey to stop a search that's already begun.

You can further narrow your search if necessary by redefining what you're searching for (*Edit What*) and/or by redefining where you're searching (*Edit Where*). The default is to search for places closest to your current location.



4. When you find the place that you're looking for, you can:

- Get driving directions (*Drive To*).
- Place a phone call.
- Save the information to your My Favorites list.
- View a map of the location.

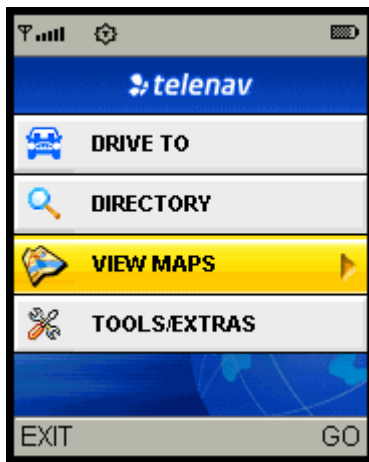


View Maps

You can view maps in three different ways:

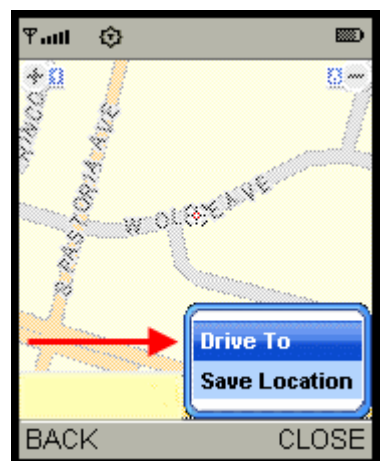
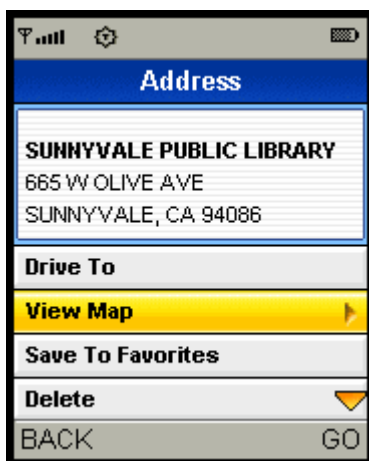
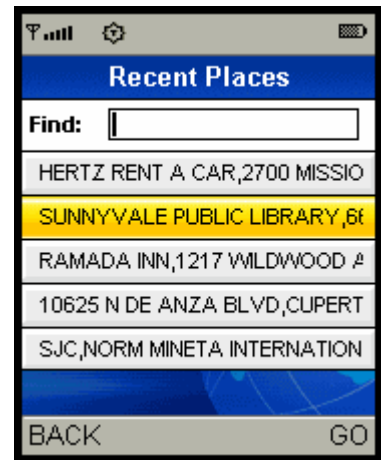
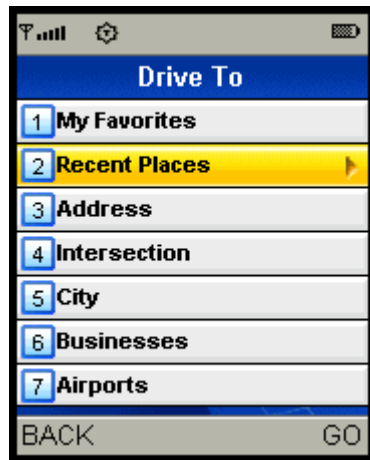
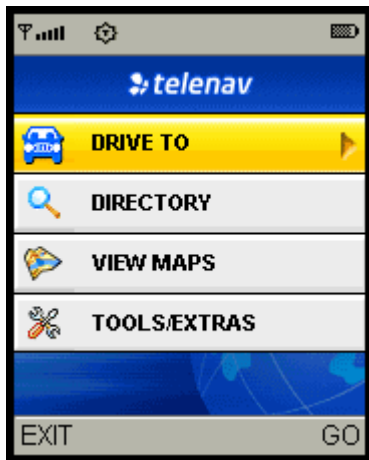
1. From the View Maps option in the TeleNav GPS Navigator Main Menu.

You can view a map of: your Current Location, a Favorite Place, a Recent Place, an Address, an Intersection, a City, a Business (this is the same as a Directory search), or an Airport.



2. From the View Map option for any location that you've found in the Drive To menu.

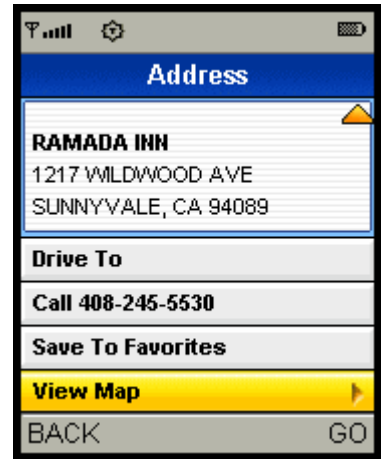
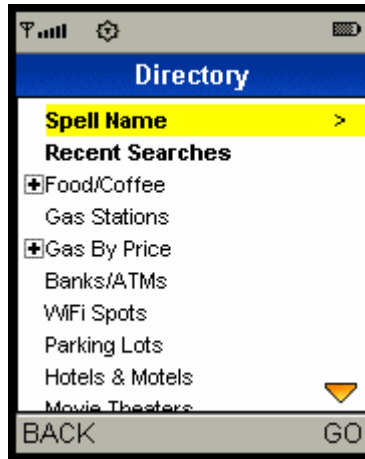
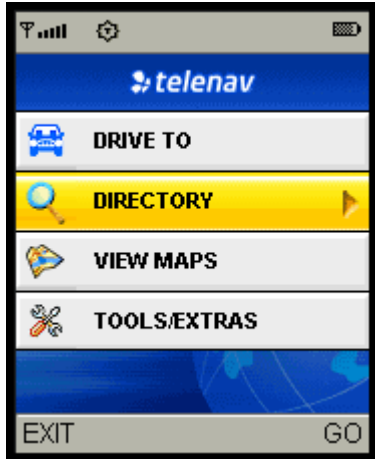
For example, for navigation instructions from the TeleNav GPS Navigator Main Menu, select Drive To > Recent Places > select a Recent Place > View Map > select the Action Menu > select Drive To.



3. From the View Map option for any Location that you've found using the Directory.

Note: In some screens, the Directory may be called Business or Businesses.

For example, from the TeleNav GPS Navigator Main Menu select Directory. Search the Directory for your desired location. Then select the View Map option for the location that you found.



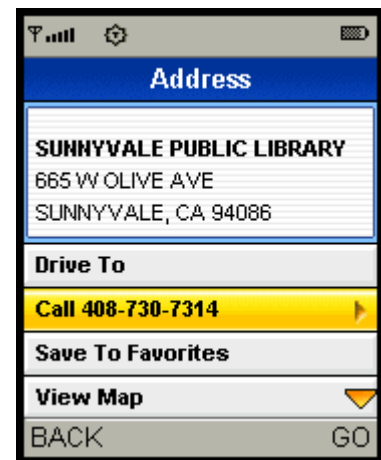
You can zoom in to see more map details by pressing the 1 key, and you can zoom out to see a larger area by pressing the 3 key as shown:



Make a Phone Call from the TeleNav GPS Navigator Application

To call a location that you've found in the Directory such as a restaurant, a hotel or a church, simply select the Call menu item.

Note: Because your phone can only do one function at a time, making a call from a TeleNav GPS Navigator screen automatically exits the TeleNav GPS Navigator application. In order to easily return to the location that you found, select the Save to My Favorites menu option before making your call. Restart the TeleNav GPS Navigator application after you finish your call and retrieve the location from your My Favorites list.



Taking an Incoming Call

When you're using the TeleNav GPS Navigator and your phone receives an incoming call, your phone rings and displays a screen that gives you the option to take the call or ignore the call.

If you ignore the call, the TeleNav GPS application resumes and continues with the function that you were using before the call came in. However, if you take the call, the TeleNav GPS Navigator application terminates because the phone can only run one application at a time.

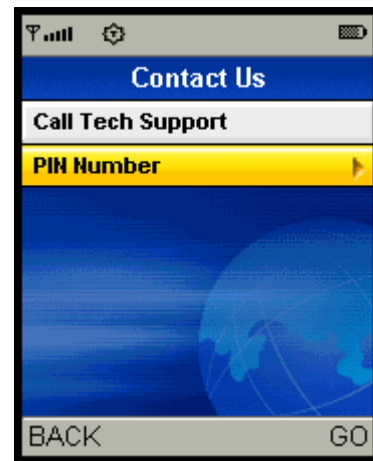
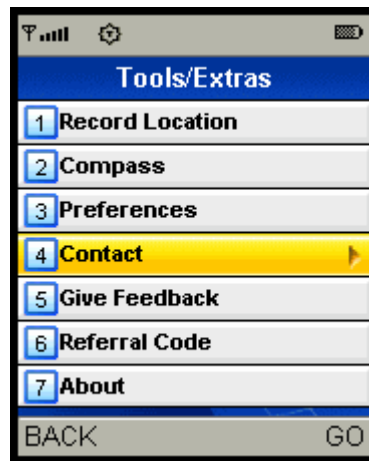
After you finish the call, re-launch the TeleNav GPS Navigator application and begin again where you left off. For example, if you were driving to a location that wasn't saved to your My Favorites list, look in your Recent Places list. To get driving directions, simply select the destination in your Recent Places list and then select Drive To.

Change your PIN number

In an Internet browser, go to the TeleNav website at www.telenav.com.

- Enter your phone number and PIN to log in.
- Select the Change PIN Number link.
- Enter your current PIN number and your new PIN number.
- Click **Submit**.

Note: You can find your current PIN number by selecting Tools/Extras > Contact > PIN Number:



Interruption of Other Services

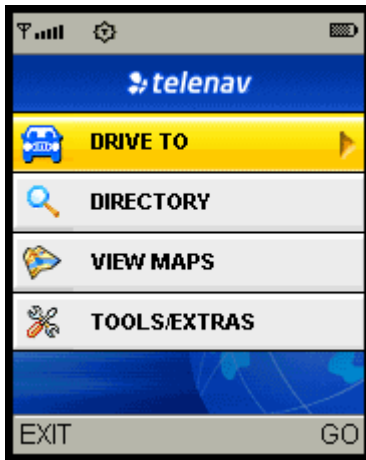
Whenever the TeleNav GPS Navigator application needs to contact its servers, it uses your carrier's data service. When the TeleNav GPS Navigator application uses your carrier's data service, other services such as SMS messaging and conventional cellular calls are not available. Typically, this interruption of other services lasts no more than 20 seconds or so.

When incoming calls are blocked due to TeleNav GPS Navigator's use of your carrier's data network, phone calls go to your voice mail if you have a voice mail service available.

Exit the TeleNav GPS Navigator Application

To exit the TeleNav GPS Navigator application, do the following steps:

1. Press the **End** button, or
2. If you're not at the TeleNav GPS Navigator Main Menu, press the left softkey until the Main Menu appears. Then press the left softkey once. In the "Exit TeleNav now?" dialog, press the right softkey to select Yes and exit the TeleNav GPS Navigator.



TeleNav GPS Navigator Menus

This section gives you a brief overview of the TeleNav GPS Navigator menus.

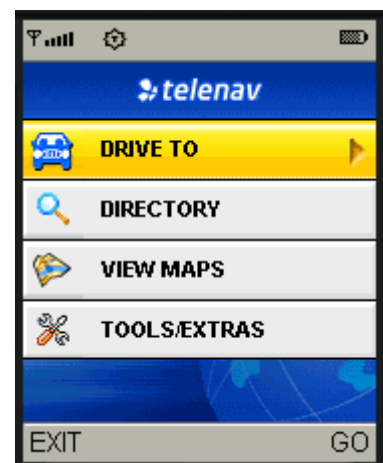
For step-by-step instructions on how to use TeleNav GPS Navigator, see the Quick Start section on page 11.

Main Menu

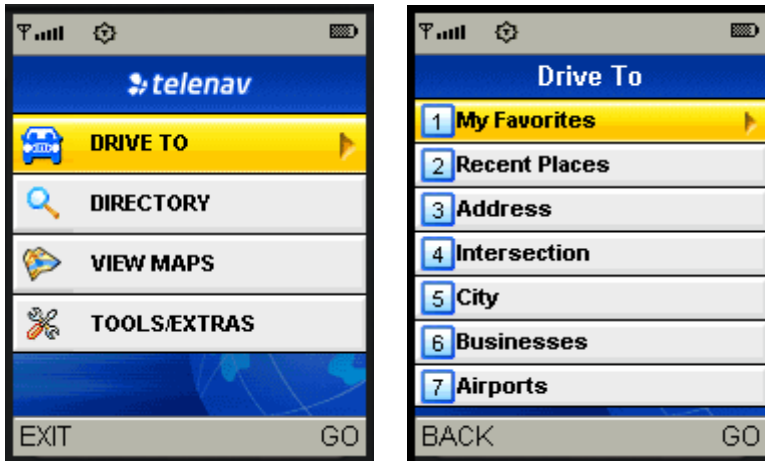
The TeleNav GPS Navigator Main Menu options are:

- Drive To
- Directory
- View Maps
- Tools/Extras

To exit the TeleNav GPS Navigator Main Menu, press the **Back** button once.



Drive To Menu



The Drive To Menu options are:

My Favorites

Favorite places that you've found and saved in the past so you can find them quickly. Your My Favorites list can grow to an unlimited length.

Recent Places

TeleNav GPS Navigator automatically saves all of the places that you:

- Found in a Directory search.
- Viewed as a map.
- Located using a street address, intersection, city, or airport.

You can get directions to a Recent Place, view maps of the Recent place, or save a Recent Place to your My Favorites list. Your Recent Places list can grow to an unlimited length.

Addresses

Enter a street address by typing or speaking. You can get directions, view a map of the address, or save the address to your My Favorites list. The address is automatically saved to your Recent Places list.

Intersection

Enter an intersection by typing or speaking. You can get directions, view a map of the intersection, or save the intersection to your My Favorites list. The intersection is automatically saved to your Recent Places list.

City

Enter a name of a city. You can get directions, view a map of the city, or save the city to your My Favorites list. The city is automatically saved to your Recent Places list.

Directory

Search the Directory and find the addresses and phone numbers of businesses like restaurants, motels, and gas stations, as well as other places like churches, schools, government offices, and police and fire stations.

Once you find what you're looking for, you can get audible and visual driving or walking directions, place a call, view a map, or save it to your My Favorites list. The Directory search result is automatically saved to your Recent Places list.

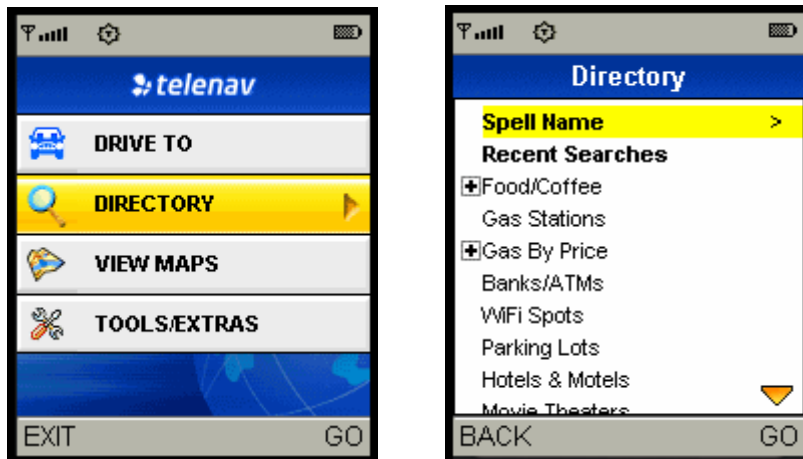
Airports

Quickly find airports. You can get driving directions to an airport, view a map, or save the airport information to your My Favorites list. The airport is automatically saved to your Recent Places list.

Select one of these menu items or press the left softkey to return to the TeleNav GPS Navigator Main Menu.

See the Quick Start section on page 11 for more information about using the Drive To menu.

Directory Menu



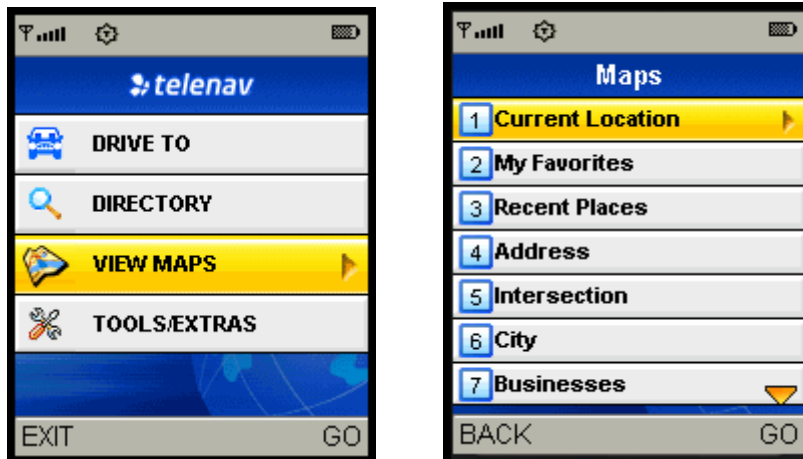
The Directory menu provides you with a few different ways to find the addresses and phone numbers of businesses like restaurants, motels, and gas stations, as well as other places like churches, schools, government offices, and police and fire stations.

Once you find what you're looking for, you can get audible and visual driving or walking directions, view a map of the location, or save the location to your My Favorites list. You can also place a call to make reservations.

The result of every search is automatically saved to your Recent Places list. If you don't have time to save the result of your Directory search to your My Favorites list, you can easily go into your Recent Places list later and save the location to your My Favorites list.

For more information about using the Directory, see Search the Directory on page 29.

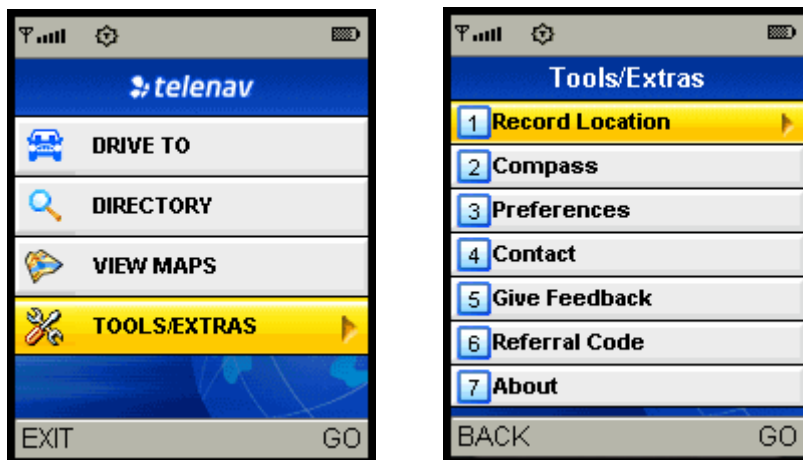
View Maps Menu



You can use the View Maps menu to view a map of:

- Your Current Location
- A Favorite Place
- A Recent Place
- An Address
- An Intersection
- A City
- A Business or other entity (this is the same as the Directory menu option)

Tools/Extras Menu

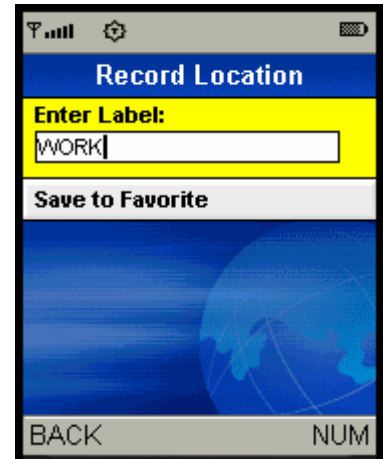


The Tools/Extras menu gives you options for setting your preferences and other features as described in the following sections.

Record Location

To save your current location to your My Favorites list, do the following steps:

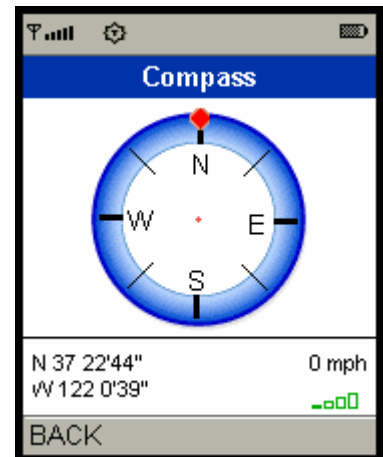
1. Replace the default label and enter a label that accurately describes your current location, like WORK, AMY'S SCHOOL, etc.
2. Press the down navigation key.
3. Press the **OK** button.



Compass

This screen is similar to a nautical compass. It displays:

- The direction that you're heading in (if you're moving).
- Your latitude and longitude.
- If no GPS data is available, "No GPS" appears instead of the latitude and longitude.
- Latitude is represented as N for north or S for south. Longitude is represented as W for west or E for east.
- Your speed in miles or kilometers per hour (select miles or kilometers in the Preferences menu as discussed below).



Preferences

You can set the following personal preferences in the Preferences menu. After you select your new preference, press the right softkey to save it.

- **Route Type** - Fastest, Shortest, Prefer Streets, Prefer Highway, or Pedestrian
- **Distance Units** - Miles/feet or kilometers/meters
- **Moving Maps** - None (Turn Icons Only), 2D Moving Maps, or 3D Moving Maps
- **Audio Options** - Full Audio, Instructions Only, or No Audio
- **Language** - English or Spanish
- **Help Card** - Help cards prompt you with hints or cautions about using various menu options. To clear a help card from the screen, press the **OK** button. The Help cards feature has the following three options:
 - Show Three Times (and then don't display them again—this is the default setting)
 - Always On
 - Always Off
- **Call In** - The Call In option lets you select which number is called when you enter an address or intersection by speaking. One number is toll-free and the other is not. The default is toll free.



Contact

The Contact menu gives you two options:

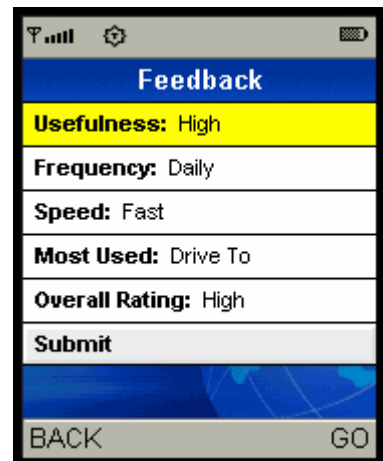
- An easy way to call TeleNav GPS Navigator technical support.
- A display of your PIN number.



Give Feedback

The Give Feedback menu gives you the following options so you can give us your feedback about how TeleNav GPS Navigator is working for you.

- **Usefulness** - High, Medium, or Low
- **Frequency** - Daily, Weekly, Monthly, or Less Often (less than monthly)
- **Speed** - Was the speed of TeleNav GPS Navigator's response time Fast, Average, or Slow?
- **Most Used** - Drive To, Directory, Maps, or Other
- **Overall Rating** - High, Medium, or Low
- **Submit** - After you rate each of the Feedback options listed above, select **Submit** to send us your feedback.



About

This menu option displays a screen similar to the illustration shown on the right. It shows the exact version of TeleNav GPS Navigator that is on your phone.

Knowing the exact version of your software may be helpful if you ever have to call TeleNav technical support.



8. The TeleNav Website

To access the TeleNav website, go to <http://www.telenav.com>. Some of the features are available without logging in, while others require logging into My TeleNav as described below.

Available Without Logging In

The following features are available without logging in:

- Route planning for planning a trip by entering the starting and destination addresses (this does not update information on your phone).
- The Directory (Biz Finder) for finding restaurants, motels, stores, churches, schools, government offices, etc. You can also get addresses, phone numbers, maps, and directions.
- Contact Customer Support.

My TeleNav

In My TeleNav, which requires logging in with your phone number and PIN, you can also:

- Add an address and save it to the My Favorites list on your phone. The next time you launch the TeleNav GPS Navigator application on your phone, the new address will appear in your My Favorites and Recent Places lists.
- Note: If the TeleNav GPS Navigator application is running on your phone when you save the address on the website, the new address will show up in your My Favorites list or your Recent Places list only if you haven't accessed these lists in your current TeleNav GPS Navigator session. If you have already accessed one of these lists in your current session, the new address won't appear in these lists until you close and then re-launch TeleNav GPS Navigator.
- Manage addresses in your My Favorites and Recent Places lists (both of which update information on your phone). These lists can grow to an unlimited length.
- Manage an independent Web address book (saved to your Web address book only, not saved to your phone).
- Update your personal information including your home and work addresses and your email address.
- Change your PIN number.
- Shop at the TeleNav online store.

9. Error Conditions

Account Cancelled

You do not have a valid TeleNav GPS Navigator account. Contact TeleNav GPS Navigator Customer Care at 1-888-353-6284.

Account Not Found

You do not have a valid TeleNav GPS Navigator account. Contact TeleNav GPS Navigator Customer Support at 1-888-353-6284.

GPS Signal Weak

Move to an area with a clearer view of the sky.

Invalid Login

Your account number is your 10-digit mobile phone number beginning with area code. Your PIN is a 4-digit number that you assign. Your PIN can be accessed from the Contact option in the TeleNav GPS Navigator Tools/Extras menu.

If for some reason you cannot access your PIN, contact TeleNav GPS Navigator Customer Care at 1-888-353-6284.

No GPS Data

Make sure that you have a good view of the open sky. Then exit and re-launch TeleNav GPS Navigator.

Please input password

You must provide a four digit personal identification number (PIN) along with your mobile telephone number to log into TeleNav GPS Navigator.

Please input phone number

You must provide your mobile telephone number to log into TeleNav GPS Navigator.

Password needs 4 digits

You must provide a four digit personal identification number (PIN) along with your carrier mobile number to log into TeleNav GPS Navigator.

Phone number needs 10 digits

Enter the entire 10-digit phone number, not prefixed by 1.

TeleNav GPS Navigator Encountered An Error

TeleNav GPS Navigator is having technical problems with the specific request that you made. This can be due to an address that it cannot find, or mapping data that does not allow routing from where you are to where you want to go. In this case, try to use a nearby address.

TeleNav GPS Navigator Not Available

If you get an advisory message that TeleNav GPS Navigator is not available, exit the TeleNav GPS Navigator application and then re-launch it. If the problem recurs, it may be due to a temporary TeleNav GPS Navigator server outage.

Trial Expired

The trial period for your account has expired. Order TeleNav GPS Navigator by calling TeleNav GPS Navigator Customer Support at 1-888-353-6284.

Unable to generate a route

TeleNav GPS Navigator could not generate a route between the two endpoints of the route. This may be a temporary error if you have a weak GPS signal when establishing the origin, but it also may be due to errors in the map data in the area around the destination.

Unable to login

Someone may be fraudulently using your account. Change your PIN (see page 33) and attempt to log in again.

Your account has expired

You do not have a valid TeleNav GPS Navigator account. Order TeleNav GPS Navigator by calling TeleNav GPS Navigator Customer Support at 1-888-353-6284.

10. FAQ

Why do I need the carrier's data service?

The data plan allows you to access nationwide routes, maps, and Directory content from the TeleNav GPS Navigator servers using the data communication features of your phone. These services are different from your cellular airtime. To order a data plan from your carrier, please contact their customer support directly:

1866-ALLTEL7 (1-866-255-8357)

Does TeleNav GPS Navigator use up my voice plan minutes?

TeleNav GPS Navigator uses data to provide its navigation functions. Using data does not use any of your voice minutes. However, calling the Voice Address Input System does use about 75 seconds per address entered. The Voice Call feature internal to the TeleNav GPS Navigator application also uses voice minutes.

How accurate is the GPS?

GPS accuracy can range from 20 meters to 100 meters; however, most of the time the GPS is accurate to less than 50 meters.

What is ideal GPS environment?

The GPS requires an open, clear view of the sky. Buildings, covered parking areas, tunnels and dense foliage can cause the GPS receiver to be unable to locate a GPS satellite or may cause extended initialization time (time to first GPS fix).

If you are parked in a covered parking lot or near a tall building, it is recommended that you move into an open area and then begin to use the TeleNav GPS Navigator service.

Why does the GPS not work near buildings and other tall objects?

The GPS uses signals from satellites, so it needs a clear view of the sky. Tall buildings and other objects that block the GPS receiver's view to the sky may make it impossible to determine your location. Sometimes the satellites are

not overhead but near the horizon; in these cases, the GPS receiver in your phone must have a clear view of the horizon.

How do I know that the GPS has a signal?

The TeleNav GPS Navigator application on your phone alerts you if you do not have a valid GPS signal. If this happens, move to an area where there is a clear view of the sky so the GPS satellite signal has access to the GPS receiver in your phone.

What happens if I'm using TeleNav GPS Navigator for driving directions and I lose the GPS signal while driving across a bridge or through a tunnel or lose the GPS signal for some other reason?

TeleNav GPS Navigator remembers the speed at which you were driving before losing the GPS signal. TeleNav GPS Navigator continues to give you driving directions based on an estimate of the projected distance that you may have traveled at your last recorded rate of speed. TeleNav GPS Navigator recalculates your current position when you regain a GPS signal and adjusts your driving directions accordingly.

11. TeleNav GPS Navigator Customer Support

Send an email with your questions or comments to TeleNav GPS Navigator Customer Support, or enter a comment through the TeleNav GPS Navigator website. We will promptly reply to your inquiries.

| care@telenav.net

| www.telenav.com

TeleNav, Inc.
2975 San Ysidro Way
Santa Clara, CA 95051

Toll Free Customer Support Line: 88-TeleNav-4 (888-353-6284)

12. TeleNav Services Warranty

The content and BREW application services provided by TeleNav is provided "as is" and "as available" without warranties of any kind, either expressed or implied, including but not limited to any warranties of merchantability or fitness for particular use, or non-infringement. You acknowledge that your use of the TeleNav service is at your sole risk and you agree that the service and the information provided are without warranty of any kind by TeleNav.

TeleNav does not warrant the availability, accuracy, completeness, currentness, or reliability of the services available from TeleNav, or the service itself. Unavailability, errors, omissions, or inaccurate data may result from unreliable data due to equipment failure or other technical problems beyond the control of TeleNav, and TeleNav does not warrant the services in any respect due to such circumstances beyond its control.

Although certain information provided to you by TeleNav may be obtained or compiled from sources TeleNav believes to be reliable, TeleNav cannot and does not guarantee the accuracy, validity, kindness, or completeness of any information made available to you for any particular purpose. Under no circumstances, including negligence, will TeleNav or any of its affiliates, directors, officers or employees, or any third party be liable for any direct, indirect, incidental, special, or consequential damages that results from your use or your inability to use the services. You acknowledge that this limitation applies to all content information or other services available from TeleNav, and whether or not TeleNav has notice of the possibility of such damages, and whether or not to circumstances giving rise to such damages may have been within the control of TeleNav.

Some states do not allow the exclusion of certain warranties, so some of the above exclusions may not apply to you. In those states, liability is limited to the fullest extent allowed by law.

By using the service, you agree to indemnify TeleNav and its parents, subsidiaries, affiliates, officers, and employees and hold them harmless from any and all claims and expenses, including reasonable attorney's fees, asserted third party due to, or arising out of your use of the service and the site.