

Magellan® RoadMate™

Reference Manual



Instructions for Operating the Magellan RoadMate 2000



Tables of contents Plan Sheet

The Magellan RoadMate 2000 table of contents is organized by the tasks users must perform. The table is as follow:

#	Chapter Title	Purpose	Graphics	Safety messages
1	Product Overview	Provide a conceptual overview and description of the Budge Tone-100 IP Phone.	G1 G2 G3 G4	
2	Installation	Describes how to properly and safely install and IP Phone on your network.	G5	C1 C2 C3
3	Basic Operation	Describe how to make, answer and handle phone calls.	G6 G7 G8	C4
4	Configuration guide	Provides an overview of procedures for configuring with keypad, web browser and central server.	G9 G10 G11	
5	Software Upgrade	Provide procedures of upgrading through different ways.		
6	Restoring factory default setting	Provide steps about how to reset factory default setting.		C5
7	Headset connection	Provide diagrams about how to connect the headset.		
8	Glossary of terms	Provide a reference of detailed technical terms.		



Audience Analysis plan sheet

Audience's information needs: This Magellan RoadMate 2000 is user friendly. Even some advanced features do not make it hard to use. Hence, the manual should also be usable for every driver who wants to create a route. It is not necessary to read this entire document to begin using the Magellan RoadMate. Most users will find that they can use the Magellan RoadMate right out of the box and just refer to this manual on those rare occasions when a little help on a function is needed.

Audience's technical literacy: Since the Magellan RoadMate 2000 manual is targeted to every driver, I assume that they do not know much knowledge about technical terms. They must have the glossary and clear graphs to help them understand. The content and the language used have to meet the first-level audience's literacy.

Audience's working environment: The only working environment is the inside environment of the car. Some warning information needs to be provided to ensure the users' safeties.

Audience's learning preference: Audience prefers learning by performing. Most users would only consult the manual when they need some information. Hence, the manual must be easy to follow and complete. Besides, it should be audience-centered and task-oriented.



Task analysis plan sheet

Locate Magellan RoadMate

Maneuver List Screen

Create routes

1. Create a route using POIs

- a. Create a route to a POI by name
- b. Create a route to a nearest POI
- c. Create a route to a POI from an upcoming freeway exit

2. Create a route to go home

- a. Set the home address
- b. Change the home Address
- c. Create a route to the home address

3. Use address book

- a. Create a route to the previous destination
- b. Add a previous destination to the address book
- c. Create a route to an address in the address book
- d. Edit a route in the address book
- e. Delete a route from the address book

4. Create a route to the intersection.



Use the trip planner

1. Create a multiple destination trip

a. Edit the multiple destination trip

b. Delete the multiple destination trip

Set user options



Format Plan Sheet

The format for the Magellan RoadMate 2000 manual is the corporate standard for printed documentation and is as follows:

Page Element	Type and Size	Rationale
Page size	8 ½ x 11”	This manual contains many graphics and photos so that the larger size than the original will be better to read.
Cover stock	Company trademark upper left. Book title upper right. Company icon in lower right.	60lb is the company standard.
Typefaces and type sizes <ul style="list-style-type: none"> • Chapter • Headings • Subheadings • Text 	Tahoma Bold,16pt. Times New Roman Bold,14pt. Times New Roman Bold,12pt. Times New Roman,12 pt	The manual is supposed to be professional. So there should be at least three different types of fonts.
Column width	4-1/2”	It will follow the traditional single-column format seen in most business documents.
Headers	Arial Rounded MT Bold, 8pt. Even pages: Chapter number and title on left side. Odd pages: Name of topic on right side.	title, company, chapter’s name or page number is expected to be included in the headers.
Footers	Arial Rounded MT Bold, 8pt. page number on right side.	Footers will be limited to 1/2” or less since they are only expected to contain page numbers.
Page numbers	Arial Rounded MT Bold, 8pt.	Page number is placed in the footer section.



Access Aids Plan Sheet

The access aids in the Magellan RoadMate 2000 manual are as follows:

Type of Aid	Rationale
Table of Contents	Simplifies and outlines the information in the manual.
Chapter overview	Describes the contents of the chapter due to the long chapters
Tabs	Enables users find the information quickly.
Index	Help users find information they need quickly

Note: The document does not include Color-coded sections and icons for technical publications.



Messages Plan Safety Sheet

The safety messages in the Magellan RoadMate 2000 manual are as follows:

Safety Messages	Chapter num and Title	Nature of the hazard	The risk involved
C1	#2.Installation	Possible interference of nearby radio	Warning A shielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception.
C2	#2.Installation	Possible body injury	Warning Connect device during periods of lightning activity would hurt you.
C3	#2.Installation	Possible electronic shock	Warning To avoid electric shock, do not connect safety extra-low voltage (SELV) circuits to telephone-network voltage (TNV) circuits.
C4	#3.Basic operation	Possible injury of pins	Warning Telephone receivers produce a magnetic field that can attract small magnetic objects such as pins and staples.
C5	#6. Restoring factory default setting	Possible loss of data	Warning The plug-socket combination must be accessible at all time so that it will not lose date.



Source Documents Plan Sheet

The sources that I will consult to write in the Magellan RoadMate 2000 manual are as follows:

- Existing manuals -Magellan RoadMate 1200, Magellan RoadMate 2000, GPS 12 and Garmin manual
- Subject matter experts -Gary Burrell and Dr. Min Kao and experts from Tomtom company.
- Marketing studies
- Reviews and tests



Overview

Introduction

This chapter describes how to use basic knowledge to operate BT 100 series IP phone, which includes making phones, answering phones, handling phones and so on. This chapter also provides phone features.

Chapter table of contents

3.Basic operation

3.1 Get Familiar with call icon	
3.2 Make calls	
3.3 Answer calls	
3.4 Hold calls	
3.5 Transfer calls	
3.6 Place Conference Call	
3.7 Call Features	



Overview

Introduction

Provides an overview of procedures for configuring with keypad, web browser and central server.

Chapter table of contents

4.Configuration guide

1.1 Configuration with keypad

1.2 Configuration with web browser

1.3 Configuration with a central server



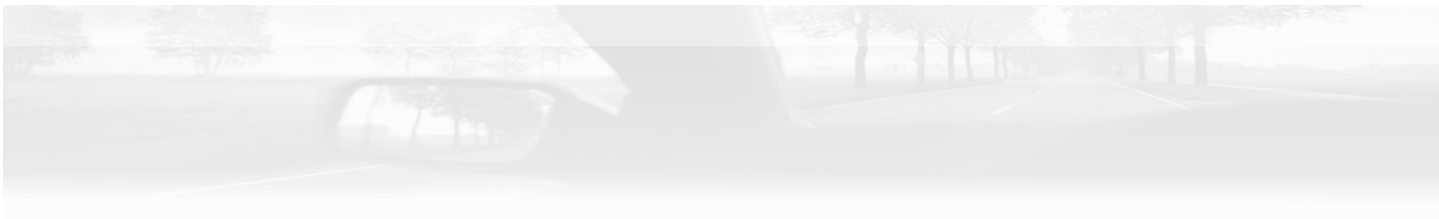
Warning of using Magellan RoadMate 2000

Safety rules must be followed to prevent accidents

- Do not mount any item to your windshield.
 - Enter data or program the Magellan RoadMate 2000 only when the vehicle is stopped.
 - Make every attempt to ensure that the database is accurate.
 - Keep the Magellan RoadMate 2000 safe from extreme temperature conditions.
 - Do not remove the battery.
 - Use only the AC adapter approved for your Magellan RoadMate 2000.
 - Use only the car charger approved for / supplied with your Magellan RoadMate 2000.
-

The database does not include, analyze, process, consider, or reflect any of the following

- legal restrictions (such as vehicular type, weight, height, width, load and speed restrictions);
 - road slope or grade;
 - bridge height, width, weight, or other limits;
 - population density;
 - neighborhood quality or safety;
 - availability or proximity of law enforcement, emergency rescue, medical, or other assistance;
 - construction work zones or hazards;
 - road or lane closures;
 - road, traffic, or traffic facilities' safety or condition;
 - weather conditions;
 - pavement characteristics or conditions;
 - special events;
 - traffic congestion.
-





Specifications

Introduction

the Magellan RoadMate 2200T is the first rugged, expandable, advanced IPX4-waterproof car system under USD\$500 that is upgradeable to provide outdoor navigation and real-time traffic capabilities. The Magellan RoadMate 2000 is the first pocket-sized, durable and powerful car navigation device available from Magellan at under USD\$400.

Specification

- **Map Coverage:** Base Map Pre-loaded - 48 United States
 - **Size:** 4.28" W x 3.15" H x 1.12" D (W 108.8 mm x H 88 mm x D 28.5 mm)
 - **Weight:** 7.8 oz / 221 g
 - **Display:** 3.5" color touch screen display, 2.11" x 2.81" (53.6mm x 71.5mm)
 - **Memory:** 4 GB hard drive pre-loaded with maps of the 48 United States
 - **Mapping Provider:** NAVTEQ
 - **POI Database:** 1.3 million points of interest (POI)
 - **Expandable Data Storage:** Secure Digital (SD) Card compatible
 - **Antenna:** Built-in multidirectional patch
 - **Temperature Operating Range:** 14 to 140°F (-10 to 60°C)
 - **GPS Receiver:** 20 channels, SiRF Star III
 - **Accuracy:** 3 to 5 meters (10 - 16 feet) - WAAS/EGNOS, < 7 meters (15 feet) - GPS only
 - **Language Support:** English
 - **Battery Type:** Li-Ion rechargeable 1200mA, 12 V AC or 12 vehicle adapter (sold separately)
 - **Battery Life:** Over 3 hours continuous use
-

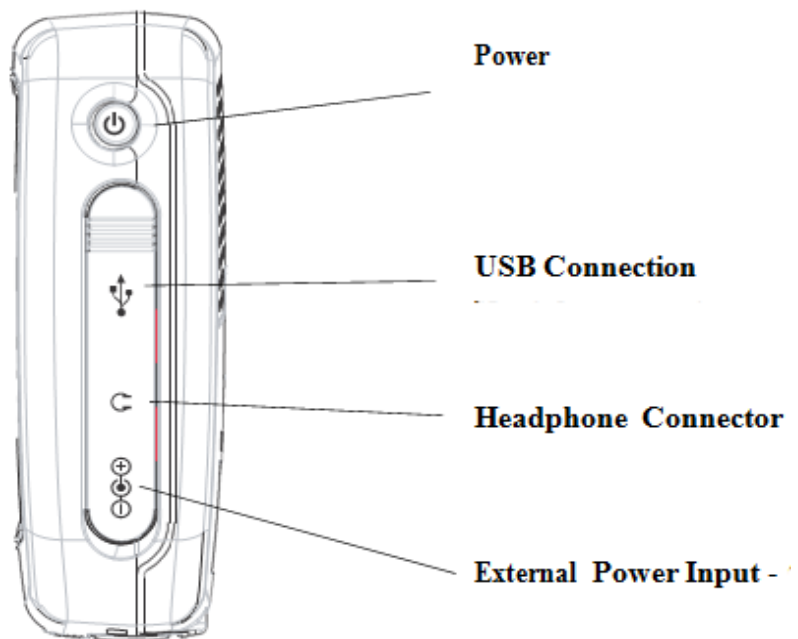


Magellan RoadMate 2000 Right Side view

Introduction

The Magellan RoadMate 2000 uses a touchscreen display for all user inputs. The only readily accessible button that is normally used is the power button located on the right side of the unit. All connections to the Magellan RoadMate are located on the right sides of the unit, protected by a rubber covering to keep out moisture. When you need to access the connectors, simply lift the protective cover from the bottom.

Diagram of right side of RoadMate



Function table

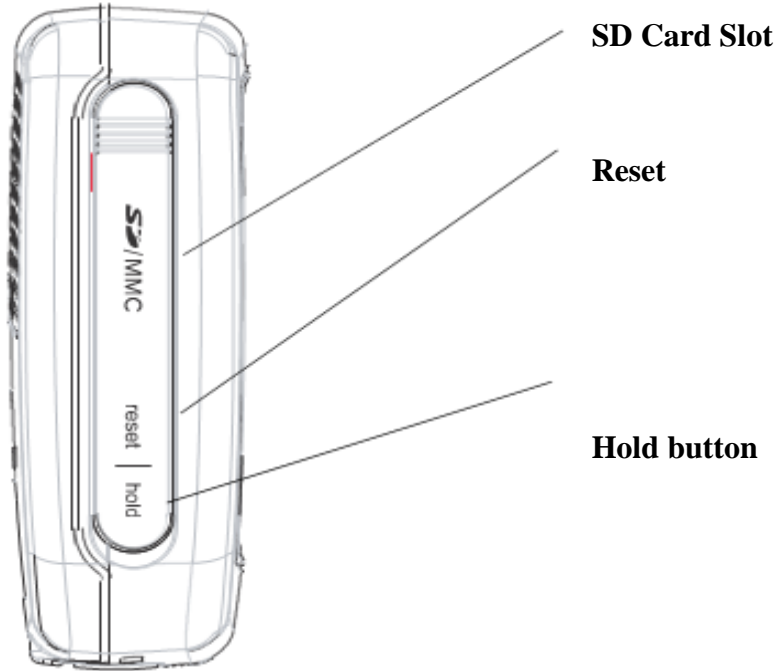
part	Function
Power	Used to turn the RoadMate on or off.
USB connection	Used for connecting to a personal computer for firmware updates.
Headphone Connector	Used for connecting headphone.
External Power Input	Used for connecting power to the RoadMate

Magellan RoadMate 2000 Left Side View

Introduction

The left side of Magellan contains SD Card Slot, Reset button as well as Hold button.

Diagram of the left side



Function Table

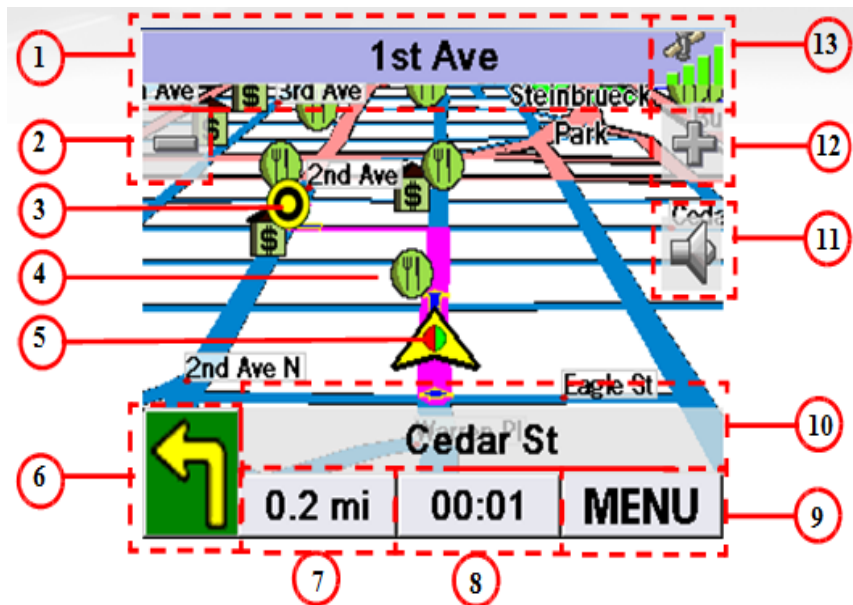
Part	Function
SD Card Slot	Used to put SD card
Reset	Used to start the gps again
Hold button	Used to make the gps on hold.

Magellan RoadMate 2000 Screen

Introduction of Map Screen

The Map Screen is the most commonly used screen on the Magellan RoadMate. Whether you are getting directions or just driving around town, the Map screen will give you the peace of mind of knowing where you are.

Picture of Map Screen



Name of the part

Part	Name	Part	Name
1	Current street name	8	Time to Next Maneuver
2	Zoom out	9	Menu Button
3	Destination Icon	10	Next Maneuver Street Name
4	POI Icon	11	Volume Adjust
5	Location Icon	12	Zoom In
6	Next Maneuver	13	Satellite Status
7	Distance to Next Maneuver		

Magellan RoadMate 2000 Main Menu Screen

Introduction of Menu Screen

The Main Menu has two modes; active trip and normal. When a trip is active the Main Menu provides functions that pertain to the trip. With no active trip, the Main Menu provides access to functions that are used to create a trip.

Picture of Menu Screen

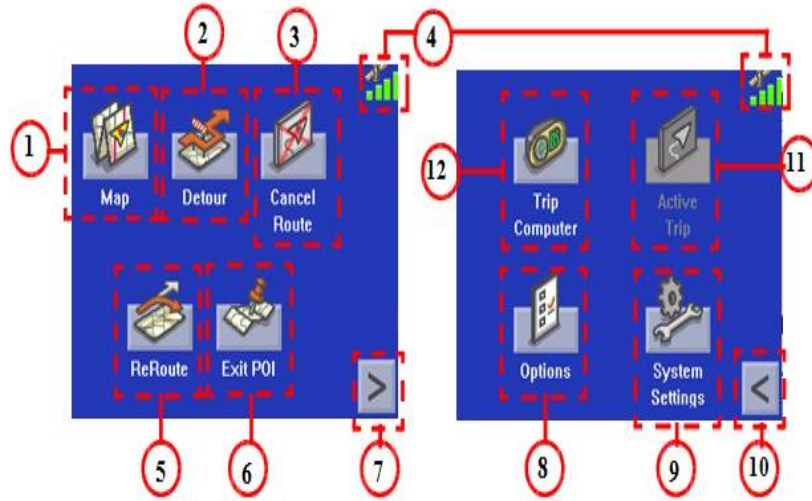


Table of Function

Name	Function	Name	Function
1 Map Button	Used to access the Map Screen	7 Menu Page 2	Access the second page
2 Detour Button	re- routing the trip around traffic problems ahead of you.	8 Options Button	Access the options menu.
3 Cancel Route Button	Cancel the route you are travelling on.	9 System Setting Button	Access system setting features.
4 Satellite Status	Display a bar graph indicating satellite signal strength.	10 Menu Page 1	Access the first page of the route main menu.
5 Re-route Button.	Provide a way to re-calculate the route you are on.	11 Active Trip Button	Provide access to tools to modify the trip you are on.
6 Exit POI Button	provide access to a listing of common POI categories that are near	12 Trip Computer	Access the trip computer feature providing information about the trip.



How to create Routes

Introduction

Creating a route involves selecting a destination and choosing how you would like the route calculated. Once this is done, the Magellan RoadMate will calculate the route using the guidelines you provide and displays the Map screen with information guiding you to your destination.

How to create a route to a street address

Step	Action
1	Tap Street Address from the Main Menu.
2	Select Search By City, Search by Zip Code or Previous City .
3	Input the information as requested depending upon your selection in step 2.
4	Select the method to be used to calculate the

Decision Table

Use the table below to display the information about creating routes

IF using Search by...	THEN spell	And THEN spell...	And enter
City	City name	Street name	Street address number
Zip Code	Address zip code	Street name	Street address number
Previous City	Previously used city	Street name	Street address number

POIs

Definition

POI (Points of interest) have been preloaded into the Magellan RoadMate for commonly used categories such as banks, restaurants, gas stations, etc. Selecting a restaurant or finding an ATM nearby is at your fingertips.

Icon from the Main Menu



Category of POI




How to create a route using POI

Introduction

After knowing what is POI, you should be able to create a route to any of these destinations.

Procedure steps


Step	Action
1	Tap POI from the Main Menu.
2	Select the category for the POI you are searching for.
3	Tap Spell Name .
4	Spell out the POI name.
5	<p>Select Current Position, Address, or City Center.</p>  <p>The most common will be Current Position or City Center. You could be looking for the Starbucks nearest to where you presently are (Current Position) or nearest to the center of a city (City Center) you are planning</p>
6	Select the POI from the list of POIs that meet your criteria.
7	Select the routing method you want to use.

□

How to create a route to a POI from upcoming freeway

Introduction This feature is available only while travelling on a freeway. The instructions here apply to creating a route to an upcoming freeway exit when you are not currently on a route. (If you are on a route, use the MENU button and select **Exit POI**.)

Procedure steps


Step	Action
1	Tap POI .
2	Tap POI Around the Exit .
3	Select the exit you would like the POI displayed
4	Select a POI from the list of available POIs.
5	Select the routing method you want to use.  Once you select, the Magellan will calculate the route.

How to create a route to go home

Introduction

This function is available whether you are operating on a route or just travelling. Please note that if you are travelling on a route, selecting this will cancel the route and create a new one. You will then need to redo the route, using Previous Destinations in the address book, to finish the original route.

How to set the Home address

Step	Action
1	Tap Home from the Main Menu.  If you have not entered a home address previously, tap Yes to enter your home address.
2	Select Search By City , Search by Zip Code or Previous City .
3	Input the information
4	Tap Save to store the home address.

How to change the Home address

Step	Action
1	Tap Home from the Main Menu.
2	Tap Change to change your home address.
3	Confirm the change by tapping Yes .
4	Select Search By City , Search by Zip Code or Previous City .
5	Input the information as requested depending upon your selection in step 4.
6	Tap Save to store the home address.

How to use the address book

How to create a route to a previous destination

Step	Action
1	Tap Address Book from the Main Menu .
2	Tap Previous Destinations .
3	Select the desired destination from the list of previous destinations.
4	Tap Route .
5	Select the desired route method.

How to add a previous Destination to Address book

Step	Action
1	Tap Address Book from the Main Menu .
2	Tap Previous Destinations
3	Select the desired destination from the list of previous destinations.
4	Tap Edit .
5	Edit the name of the address by tapping on top line of the address.
6	Tap the Favorite check box to add this address to your list of favorite addresses.
7	Tap Save .
8	Tap Route to begin routing to the destination
