

Motorola M900
GSM Fixed Mobile Car Phone

March 2004

User Guide

Version 1.1

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About This Guide

This user guide describes how to use your Motorola M900 fixed mobile car phone, and contains the following sections:

- **Basic Phone Diagram**, page 1, provides a labeled diagram of the M900.
- **Introduction**, page 2, describes the key features and navigation of the M900.
- **Safety and General Information**, page 14, contains safety information related to Motorola mobile phones.
- **Getting Started**, page 19, provides basic information about starting to use your M900.
- **Learning to Use Your Phone**, page 28, describes the display, menus and buttons on your M900.
- **Setting Up Your Phone**, page 52, describes how to configure your M900.
- **Calling Features**, page 57, provides a list of all the features on your M900.
- **Using Voice Activation**, page 72, describes the voice activation feature of the M900.
- **VoiceNotes™**, page 79, describes how to record notes and save messages on the M900.
- **Phone Features**, page 82, provides a list of all the features on your M900.
- **M900 Accessories**, page 95, describes the original Motorola accessories that are available for the M900.

- **Specific Absorption Rate Data**, page 96, describes the M900's compliance with radio wave emission standards.
- **Consumer Information on Wireless Phones**, page 98, provides general consumer information about wireless phones.

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Basic Phone Diagram



Introduction

Motorola M900 is an ergonomically designed fixed mobile car phone, uniquely designed for the vehicle environment. With its voice activation feature, enhanced display screen and all round hands-free environment, the M900 is the more convenient way to talk and drive.

Key Product Features

The M900 provides the ability for you to access its functionality by speaking to the phone. The M900 recognizes six spoken languages: English, French, German, Italian, Spanish and Hebrew.

Voice activation features include: name dialing, which enables you to speak a voice tag that you have saved for a phonebook entry; number dialing, which lets you speak a phone number for the M900 to dial; and voice activated menu access, which allows you to browse to frequently used menu options by attaching voice tags to them.

High quality hands-free operation enables you to communicate in more convenient way while in the vehicle environment. The M900's enhanced illuminated graphic display is designed for easy reading using 8 mm character height, with an adjustable backlight and contrast display setting.

A well-spaced keypad with large, illuminated tactile keys makes it easier for you to dial when mobile.

GPRS connectivity enables you to transfer high-speed data such as e-mails, faxes and files, using Mobile Phone Tools® software support.

Enjoy the luxury of installing a single fixed mount unit that includes a display, keypad and radio, making the installation process easier and faster. During installation, you can choose optional features such as auxiliary alert, entertainment mute and a loudspeaker connection.




Understanding this Manual

Many of your phone options are accessed by a simple menu system. A full description of the menus and how to move around them is covered in the section *Menu Navigation* on page 5. When the manual describes the use of each menu item, it will be assumed that you are familiar with the menu system.

Key Presses

Key presses are represented in this manual using symbols so that you may locate and use the required sequence quickly. A sequence of key presses may be shown as follows:



This means that you should press the menu key () followed by the right soft key () key and then the left soft key (), in sequence, not simultaneously.

Prompts and Messages

Your phone responds to key presses by displaying either easy to understand prompts that guide you to the next action, or simple messages confirming that your action is complete. Prompts and messages are represented in this manual in bold, for example:


Enter PIN or Completed.




Menu Navigation

A large number of your phone's options are accessed by using menus that use a common approach for selection, change and cancellation.

Please read this section carefully before attempting to access a menu option. When you understand the common approach to menu navigation and how the menus are shown on the page, you will be able to access and change options with ease.

Entering the Menus

Access the menus by pressing .

Once entered, use  up and down to access individual options. Use the right soft key () to answer on-screen prompts. Use the left soft key () to return to the previous menu.



Leaving the Menus

To exit the menus, press the end key ()


Menus and Sub-menus


A menu is a simple list of options. Some of these options provide access to a further list of options called a sub-menu. When navigating through the menus you may find it is helpful to think in terms of menu levels - the 'parent' menu being on one level and its sub-menus being on a lower level.

Moving To and Selecting a Menu Option

To move from one option to another on the same level, use the  key; press the bottom half to scroll forwards and press the top half to scroll backwards. When you find the option you want, press  to select it.

Depending on the option you select, one of three things will happen:

- Either a brief message will be displayed confirming an action, for example **Completed**.
- A prompt will be displayed requesting you to enter information, for example **Enter PIN** or **Enter Name**.
- The first option of a sub-menu will be displayed. You can select this option using the  key or browse through the other options using the scroll keys.



To leave an option or sub-menu, press the  key. This will take you back to the parent menu item.

Menu Options with Security Codes

Some options are protected from misuse by requiring you to enter one of the security codes. To use these options, you must enter the requested code before proceeding.

Icons

There are two special reference icons used in this manual:

Icon	Description
	This icon identifies an optional network or subscription-dependent feature that may be contingent upon payment. Possibly not all service providers offer these features in all geographical areas. Contact your service provider for more information about the availability of these features.
	This icon identifies a feature that requires an optional Motorola Original™ original accessory available for purchase separately. Please contact your service provider for information about the availability and purchase of these devices.

Total Customer Satisfaction

At Motorola, Total Customer Satisfaction is a top priority. If you have a question, a suggestion or a concern about your Motorola Cellular Phone, Motorola wants to hear from you.

Please contact the Motorola Cellular Response Center by fax on:
+44 (0) 131 458 6732, or use one of the local phone numbers or e-mail addresses in the following countries:

Country	Tel.	E-mail
Austria	0800 297246	info.au@motorola.com
Belgium	0800 72 370	info.be@motorola.com
Denmark	4348 8005	info.dk@motorola.com
Finland	0800 117 036	info.fi@motorola.com
France	0825 303 302	info.fr@motorola.com
Germany	180 35050	info.de@motorola.com
Greece	00800 441 28150	info.gr@motorola.com
Ireland	01 402 6887	info.ie@motorola.com
Italy	02 696 333 16	info.it@motorola.com
Luxembourg	800 22 199	info.lu@motorola.com
Netherlands	0800 022 27 43	info.nl@motorola.com
Norway	2255 10 04	info.no@motorola.com
Portugal	351 21 3180051	info.pt@motorola.com
Spain	902 100 077	cliente.Motorola@sitel.es
Sweden	08 445 1210	info.se@motorola.com
Switzerland	0800 553 109	info.ch@motorola.com
United Kingdom	0870 9010 555	info.uk@motorola.com

For Internet queries contact: [http:// www.motorola.com](http://www.motorola.com)

Warranty Information

Motorola warrants to you, the original purchaser, the cellular phone and accessories which you have purchased from an authorized Motorola dealer (the "Products"), to be in conformance with the applicable Motorola specifications current at the time of manufacture for a term of [1] year from date of purchase of the Product(s) (Warranty Term).

You must inform Motorola of the lack of conformity to the applicable specifications of any of the Products within a period of two (2) months from the date on which you detect a defect in material, workmanship or lack of conformity and in any event within a term not to exceed the Warranty Term, by submitting the Product for service to Motorola. Motorola shall not be bound by Product-related statements not directly made by Motorola.

A list of the Motorola Call Center numbers is enclosed with this Product.

During the Warranty term, Motorola will, at its discretion and without extra charge, as your exclusive remedy, repair or replace your Product which does not comply with this warranty; or failing this, to reimburse the price of the Product but reduced to take into account the use you have had of the Product since it was delivered. This warranty will expire at the end of the Warranty Term.

This is the complete and exclusive warranty for a Motorola cellular phone and accessories and in lieu of all other warranties, terms and conditions, whether express or implied.

Where you purchase the product other than as a consumer, Motorola disclaims all other warranties, terms and conditions express or implied, such as fitness for purpose and satisfactory quality.

In no event shall Motorola be liable for damages in excess of the purchase price nor for any incidental special or consequential damages¹ arising out of the use or inability to use the Product, to the full extent such may be disclaimed by law.

This Warranty does not affect any statutory rights that you may have if you are a consumer, such as a warranty of satisfactory quality and fit for the purpose for which products of the same type are normally used under normal use and service, nor any rights against the seller of the Products arising from your purchase and sales contract.

How to Get Warranty Service?

In most cases the authorized Motorola dealer that sold and/or installed your Motorola cellular phone and original accessories will honor a warranty claim and/or provide warranty service. Alternatively, for further information on how to get warranty service please contact either the customer service department of your cellular operator or Motorola's call center at the telephone numbers below for your country.

¹ Including without limitation loss of use, loss of time, inconvenience, commercial loss, lost profits or savings.

In order to claim the warranty service you must return the cellular phone and/or accessories in question to Motorola please avoid leaving any supplementary items like SIM cards. The Product should also be accompanied by a label with your name, address, and telephone number; name of cellular Carrier and a description of the problem. In the case of vehicular installation, the vehicle in which the cellular phone is installed should be driven to the Authorized Repair Center, as analysis of any problem may require inspection of the entire vehicular installation.

In order to be eligible to receive warranty service, you must present your receipt of purchase or a comparable substitute proof of purchase bearing the date of purchase. The phone should also clearly display the original compatible electronic serial number (IMEI) and mechanic serial number [MSN]. **Such information is contained with the Product.**

Conditions

This warranty will not apply if the type or serial numbers on the Product has been altered, deleted, removed, or made illegible. Motorola reserves the right to refuse free-of-charge warranty service if the requested documentation can not be presented or if the information is incomplete, illegible or incompatible with the factory records.

Repair, at Motorola's option, may include the replacement of parts or boards with functionally equivalent, reconditioned or new parts or boards. Replaced parts, accessories, or boards are warranted for the balance of the original warranty time period. The Warranty Term will not be extended. All original accessories, parts, and cellular phone equipment that have been replaced shall become the property of Motorola. Motorola does not warrant the installation, maintenance or service of the products, accessories or parts.

Motorola will not be responsible in any way for problems or damage caused by any ancillary equipment not furnished by Motorola which is attached to or used in connection with the Products, or for operation of Motorola equipment with any ancillary equipment and all such equipment is expressly excluded from this warranty.

When the Product is used in conjunction with ancillary or peripheral equipment not supplied by Motorola, Motorola does not warrant the operation of the Product/peripheral combination and Motorola will not honor any warranty claim where the Product is used in such a combination and it is determined by Motorola that there is no fault with the Product. Motorola specifically disclaims any responsibility for any damage, whether or not to Motorola equipment, caused in any way by the use of cellular phone, accessories and peripherals (specific examples include, but are not limited to: chargers, adapters, and power supplies) when such accessories and peripherals are not manufactured and supplied by Motorola.

What Is Not Covered by the Warranty

This warranty is not valid if the defects are due to damage, misuse, tampering, neglect or lack of care and in case of alterations or repair carried out by unauthorized persons.

- 1** Defects or damage resulting from use of the Product in other than its normal and customary manner.
- 2** Defects or damage from misuse, accident or neglect.
- 3** Defects of damage from improper testing, operation, maintenance, installation, adjustment, or any alteration or modification of any kind.

- 4** Breakage or damage to antennas unless caused directly by defects in material or workmanship.
- 5** Products disassembled or repaired in such a manner as to adversely affect performance or prevent adequate inspection and testing to verify any warranty claim.
- 6** Defects or damage due to range, coverage, availability, grade of service, or operation of the cellular system by the cellular operator.
- 7** Defects or damage due to moist, liquid or spills of food.
- 8** Control unit coil cords in the Product that are stretched or have the modular tab broken.
- 9** All plastic surfaces and all other externally exposed parts that are scratched or damaged due to customer normal use.
- 10** Leather cases (which are covered under separate manufacturer's warranties).
- 11** Products rented on a temporary basis.
- 12** Periodic maintenance and repair or replacement of parts due to normal wear and tear.

Safety and General Information

Important: Read this information before using your fixed mobile phone.

The Motorola M900 is a hands-free telephone created for the vehicle environment, specifically designed to enable you to enjoy its functionality with minimal distraction while you talk and drive.

Exposure to Signals in the Radio Frequency

Your cellular phone operates as a radio transmitter and receiver at low capacity. When the device **is operating**, it broadcasts and receives radio frequency (RF) signals.

National and international sources have determined standards and recommendations for protection of the public from exposure to RF electromagnetic energy. Below are a few of them:

- International Commission of Non-Ionizing Radiation Protection (ICNIRP) 1998.
- German Technicians Union (VDE) DIN-0848.
- United States Federal Communication Committee; guidelines for exposure to radio frequencies (1996) FCC.
- National Administration for radiological protection of the British kingdom GS 11, 1988.
- American National Standards Institute (ANSI), IEEE. C95. 1-1992.
- National Council on Radiation Protection and Measurements (NCRP) Report 86.

- Ministry of Health (Canada), Safety Code 6.

Scientists, engineers, and doctors from universities, governmental Health Ministries, and the industry based the recommendations and standards on comprehensive scientific reviews, which reviewed the effect on the human body in order to develop the protective standards. The planning of your telephone complies with these standards under normal conditions of use.

Antenna Care

Use only the original supplied antenna, or an approved replacement. Unauthorized or modified antenna could damage the phone and contravene instructions of local resources.

Note: Ensure that the antenna is at least 20 centimeters from your body.

Electronic Standards

Most modern electronic equipment is protected from disturbances arising from RF signals.

However, certain parts of electronic equipment are not shielded from RF signals produced by your cellular phone.

Pacemakers

The Medical Accessories Manufacturers Association recommends people with pacemakers to maintain a minimal distance of 15 centimeters between the antenna of a cellular phone and a pacemaker to prevent a possible disturbance to the action of the pacemaker. These recommendations are consistent with the recommendations of independent research and cellular technology research.

Hearing Aids

Some digital wireless devices may interfere with hearing aids. In the event of such interference, consult the manufacturer of the hearing device regarding alternative possibilities.

Other Medical Standards

If you tend to use other personal medical devices, consult the manufacturer of the device in order to determine if it is protected from external RF energy. Your physician may also be able to assist you in obtaining this information.

Turn off your cellular device when you enter a medical site according to instructions posted there that instruct you to do so. In hospitals or in other medical facilities equipment is often used that may be sensitive to external RF energy.

Vehicles

RF signals are liable to influence improperly installed electronic systems or systems in motorized vehicles that are inadequately protected. Consult your vehicle manufacturer or its representative. Make sure to always confer with the manufacturer of any item of equipment that you add to your vehicle.

Facilities with Warning Signs

Make sure to turn off your phone in any facility that posts warning signs requiring you to do so.

Explosive Atmospheres

To prevent involvement in explosions, turn off your phone in “explosive” areas or in areas with “Turn off your radio device” signs. Ensure compliance with all signs and instructions.

Potentially Explosive Areas

When you are in an area where the atmosphere is explosive (potentially explosive), turn off your phone device.

These areas are often indicated (though not always). Included are fuelling areas for vehicles, (gas stations), below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemical substances (or particles, granules, dust or metal powders), and any other area where you would be advised to turn off your vehicle engine.

For vehicles with an installed air bag

An air bag inflates with great force. Do not place objects, including parts of installed equipment or portable equipment in the area of the air bag, or in its deployment area. Portable equipment for the vehicle that is installed defectively in close proximity to an air bag that inflates is liable to cause severe injuries.

Getting Started

Inserting Your SIM Card

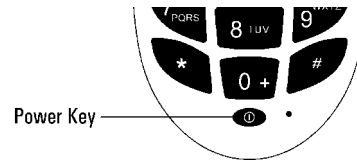
Before turning on your M900, insert the SIM card as shown below:



After insertion, press the edge of the SIM card firmly with your finger to make sure it locks in place.

Turning Your Phone On

- 1 Press and hold down the Power key (🔘).
- 2 If necessary, enter your SIM card PIN code and press **OK** (👉) to unlock your SIM card.



Note: If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM Blocked**.

- 3 If necessary, enter your 4-digit unlock code and press **OK** (👉) to unlock your phone.

Note: The unlock code is originally set to 1234. (For more information, see page 47.)

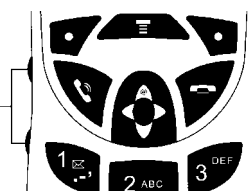
Adjusting the Volume

Press up and down on volume

keys or right and left on the



to:



- Increase and decrease earpiece volume during a call.
- Increase and decrease the ringer volume setting when the idle display is visible.

Making a Call


- 1 Press the keypad keys to dial the phone number.




Tip: If you make a mistake, press **DELETE**  to delete the last digit, or press and hold **DELETE**  to delete all digits.

or

Press the Voice Activation key () once and say a voice tag.

or


Press the Voice Activation key () twice and say the digits of a phone number.

- 2 Press  to make the call.
- 3 Press  to end the call and “hang up” the phone.
or
Press the Voice Activation key ().

Voice-Activated Name Dialing


The M900 supports voice activation of voice tags that have been previously stored in the phone's memory. It is possible to store up to 20 voice tags in the phone's memory.

Note: Voice tags must be stored in the phonebook a single user's voice only (see page 74 for instructions on how to train your M900 to recognize your voice).

- 1 Press the Voice Activation key () once.
The phone plays a voice message: **Say name.**
- 2 Speak the voice tag for the phonebook entry that you want to call.
The phone repeats the voice tag and plays a voice message: **Calling.**
The M900 then dials the number that was stored with the voice tag.

Voice-Activated Number Dialing


You can initiate phone calls by speaking numbers to the M900, including the *, & and # characters, which will then dial the call.

- 1 Press the Voice Activation key () twice.
The phone plays a voice message: **Say number.**
- 2 Speak the digits of the phone number that you want to call.
The phone plays a voice message: **Calling** and repeats the digits that you spoke. The M900 then dials the number that you spoke.

Voice-Activated Speed Dialing

Each entry in your phonebook is assigned a unique speed dial number that identifies where the entry is stored in phone memory or on the SIM card. You can initiate phone calls by speaking this number to the M900, which will then dial the call.

Note: Voice-activated speed dialing uses M900 phonebook memory locations 2 through 500. You can access additional phonebook entries from your SIM card starting at memory location 501, to the limit of your SIM card (usually memory location 660).






- 1 Press the Voice Activation key () twice.
The phone plays a voice message: **Say number**.
- 2 Say the word "**hash**" and then speak the digits of the phonebook entry that you want to call.

For example:

- To dial phonebook entry 99, say "hash, nine, nine".
- To dial phonebook entry 7, say "hash, seven".
- To dial phonebook entry 103, say "hash, one, zero, three".


Answering a Call

When you receive a call, your phone rings and displays an incoming call message.


- 1 Press  to answer the call
or
Press **ANSWER** ()
or
Press the Voice Activation key ().
- 2 Press  to hang up when the call is done.
or
Press the Voice Activation key () again.

Note: If the phone is locked, you must unlock it to answer the call.


Ending a Call


Press  to "hang up" and end a call.

or

Press the Voice Activation key ().

Viewing Your Phone Number

To view your phone number from the idle display, press  .

While you are on a call, press  > **Settings** > **Phone Status** > **My Tel. Number**.

Note: You must store your phone number on your SIM card to use this feature. To store your phone number on your SIM card, see page 54. If you do not know your phone number, contact your service provider.

Selecting a Language

The M900 recognizes six spoken languages: English, French, German, Italian, Spanish and Hebrew. Select the required language (if it is different from the default) before using any of the voice activation features. The M900 will then recognize the numbers that you speak (when using number dialing).

Training must be done and voice activation commands must be spoken in the selected language (for more details, refer to page 72).

Find the Feature



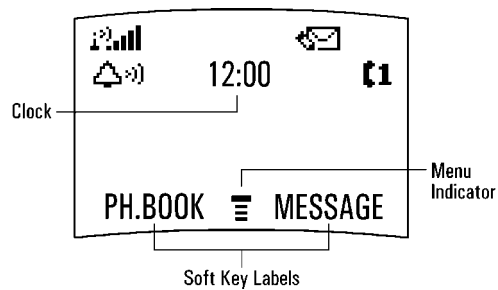
- > **Settings**
- > **Voice Activation**
- > **Language**



Learning to Use Your Phone



See page 1 for a basic phone diagram.



Using the Display

The idle display (shown below) is the standard display when you are not on a call or using the menu.

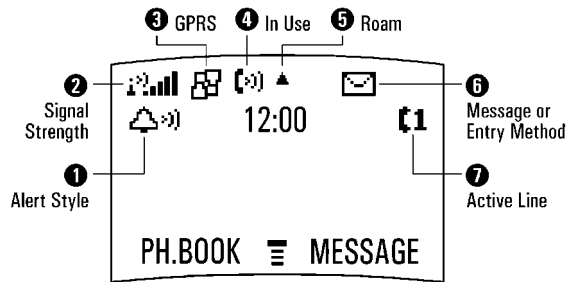









The  (menu) indicator at the bottom center of the display indicates you can press the menu key () to display the main menu to see more features.



Labels at the bottom corners of the display show the current soft key functions. Press the left soft key () or right soft key () to perform the function indicated by the left or right soft key label.











To enlarge the font of the characters and numbers on the display, press  briefly and then press and hold . Repeat this procedure to return the characters and numbers on the display to their original size.

The following status indicators can appear:



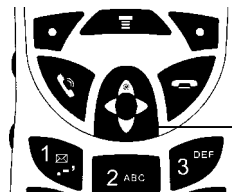
Description	
1	Alert Style Indicator: Shows the alert style. The following status indicator is displayed:  .
2	Signal Strength Indicator: Indicates the strength of your phone's connection with the network. Strong       No Signal You cannot make or answer calls when the "no signal" indicator displays.

Description	
③	 <p>GPRS Indicator: Indicates that your phone is using a high-speed GPRS network connection (📶). GPRS allows faster data transfer speeds. The indicator does not mean that you are in a call; only that you are registered on the network with a GPRS connection. Other possible indicators:</p> <p>📶 GPRS PDP context active 📶 GPRS packet data available</p>
④	<p>In Use Indicator: Indicates when you are on a call, and when you have a secure (🔒) or insecure (🔒) connection.</p>
⑤	 <p>Roam Indicator: Indicates when your phone uses another network outside your home network (📶). When you leave your home network area, your phone roams or seeks another network.</p>

Description	
	<p>Message or Entry Method Indicator: Indicates when you have an active Chat session, or when you have a new voice () or text () message waiting. When you enter a text message, a number here indicates how many more characters can fit in the message.</p> <p>Any time you enter text, an icon here indicates the entry method: Tap () , iTAP () , Symbol () or Numeric () .</p> <p>While in a text entry screen, do one of the following to change the entry method:</p> <ul style="list-style-type: none"> • Press and hold any numeric key to switch only between Tap and Numeric entry methods. • Press  > Entry Method to select Tap, iTAP, Symbol or Numeric entry methods. <p>To change the case, press  up or down while the letter is selected.</p>
	<p>Active Line Indicator: Shows 1 or 2 to indicate the currently active phone line.</p>

Using the 4-Way Navigation Key


Use the 4-way navigation key like a joystick to navigate the menu system and change feature settings.



4-Way Navigation Key


When the phone is switched on and is in idle

mode, pressing  up displays the list of received calls (the most recent call appears at the top of the list).

When the phone is switched on and is in idle mode, pressing  down displays the list of dialed calls (the most recent call appears at the top of the list).

Tip: Down and up are the primary movements within menus. Move left and right to change feature settings, navigate the datebook, and edit text.

Using Voice Activation

Use the Voice Activation key () to answer incoming calls, make or end calls, speak numbers to the M900 for it to dial, use voice tags to make calls or access menu options and record VoiceNotes™.

See page 72 for detailed information about voice activation.

Using Menus



From the idle display, press  to display the main menu.



Selecting a Menu Feature

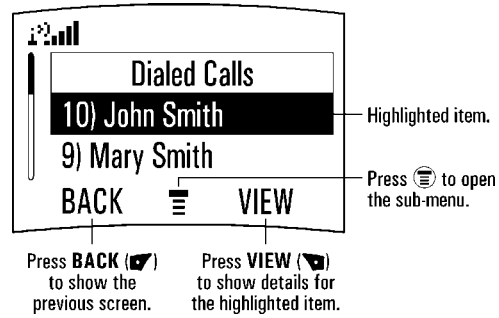
From the idle display, select a menu feature as follows:



Find the Feature  > **Recent Calls**
> **Dialed Calls**

This example shows that from the idle display, you must press , scroll to and select **Recent Calls**, then scroll to and select **Dialed Calls** to display the dialed calls list. Use  up and down to scroll, and the left/right soft keys to perform the functions in the bottom left and right corners of the display.

Selecting a Feature Option

Some features require you to select an item from a list:










- Press  up or down to highlight an item.
- In a numbered list, press a number key to highlight the item.
- In an alphabetized list, press a key repeatedly to cycle through the letters on the key and highlight the closest matching list item.
- When an item has a list of possible values, press  up or down to scroll and select a value.
- When an item has a list of possible numeric values, press a number key to set the value.

Menu Shortcuts



Adding Menu Shortcuts

You can add a shortcut to many M900 menu features. Shortcuts give you the ability to quickly access frequently used menu options either by voice activation (by saying the voice tag you have assigned) or by manual navigation.

- 1 Navigate to the menu option for which you want to create a shortcut.
- 2 When the desired item is selected, press and hold the menu key () .
- 3 Click **YES** () .
- 4 To assign a manual navigation shortcut, enter the required key in the **Key** field, and then press **DONE** () . A screen is displayed that tells you to which MyMenu option the shortcut has been assigned.
- 5 To add a voice tag to the menu shortcut, scroll down to the **Voice** option, and press **RECORD** () .
- 6 Press the Voice Activation key () once.
The phone plays a voice message: **Say voice shortcut.**
- 7 Speak the voice tag for the menu shortcut you want to create.
- 8 Press the Voice Activation key () again.
The phone plays a voice message: **Repeat voice shortcut.**
- 9 Repeat the shortcut.
The phone plays a voice message: **Trained voice shortcut.**
- 10 Press **DONE** () . A screen is displayed that tells you to which MyMenu option the shortcut has been assigned.


Using Menu Shortcuts

Once you have created a menu shortcut, you can access it by voice as follows:

- 1 Press  and the Voice Activation key () once.
The phone plays a voice message: **Say voice shortcut.**
- 2 Speak the voice tag for the menu option that you want to access.
The M900 then accesses the menu option that was stored with the voice tag.

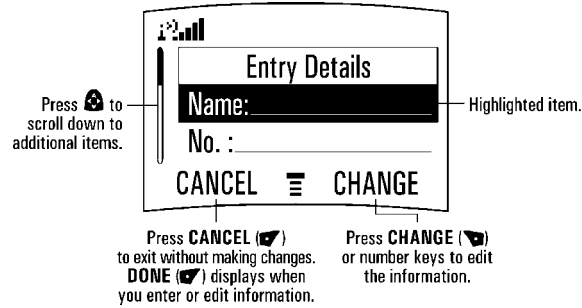
You can access a shortcut manually as follows:

Find the Feature  > **More**
> **My Menu**

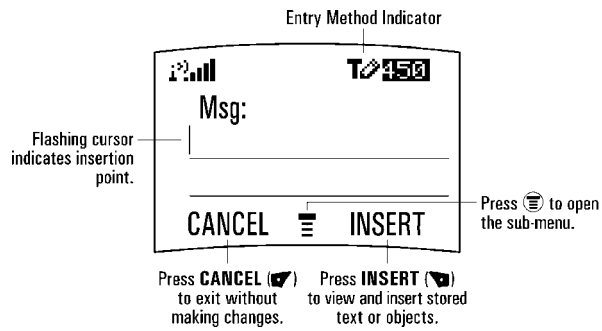
Scroll to the shortcut that you want to use and press **GO TO** ()

Entering Text

Some features require you to enter information.





The message center lets you compose and send text messages. A *flashing cursor* shows where text will appear:



Using the Tap Method

This is the standard method for entering text on your phone.

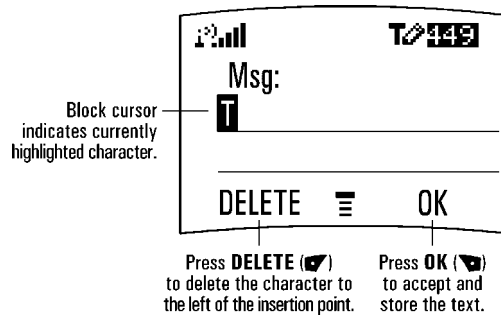
- 1 Press a number key (one or more times) to select a letter, number, or symbol shown in the chart on page 40.
- 2 Press number keys to enter remaining characters.

Tip: Press  right to accept a word completion, or  to insert a space.

- 3 Press **OK** () to store the text.












In a text entry screen, press and hold any numeric key to switch between text and numeric entry methods. An indicator tells you which method is active (see page 31).

When you enter text using the standard tap method, the flashing cursor changes to a block cursor, and the soft key functions change:






Character Chart

Use this chart as a guide for entering characters with the Tap method.

Key	Characters
	. 1 ? ! , @ _ & ~ : ; " ' () ' ÿ i % £ \$ ¥ ¤ €
	a b c 2 ä å á à â ã æ ß ç
	d e f 3 ð ö ë è é ê ë ø ø
	g h i 4 ğ ĩ ĩ ĩ γ η
	j k l 5 κ λ
	m n o 6 ñ õ ö ó ò ô õ v ω
	p q r s 7 π ϑ ς σ
	t u v 8 θ ü ú û ü τ
	w x y z 9 ρ ξ ψ
	Press up and down to change text case; press right and left to move within the text
	Enter a space

Note: This chart may not reflect the exact character set available on your phone.

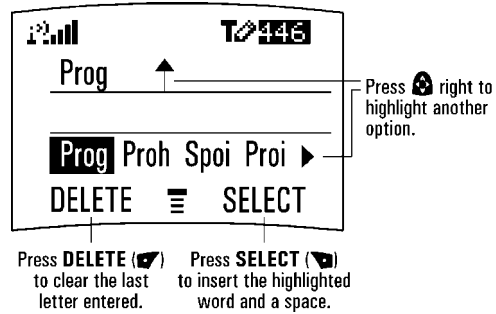
Tap Method Text Entry Rules

- Press a number key repeatedly to cycle through its characters. See the chart on page 40.
- If you do not press a key for 2 seconds, the character in the block cursor is accepted, and the cursor moves to the next position.
- Press  left or right to move the flashing cursor to the left or right in a text message.
- The first character of every sentence is capitalized. Press  down to force the character to lowercase while it is highlighted by the block cursor.
- Your phone may support multiple languages. The current language setting determines whether a new message begins on the left or right side of the display.
- If you enter or edit information and do not want to save the changes, press  to exit without saving.

Using the iTAP™ Method


iTAP™ software provides a predictive text entry method that lets you enter a word using one key press per letter. This can be faster than the **Tap Method**, because your phone combines the key presses into common words.




For example, if you press  when iTAP is turned on, letter combinations that match your key presses appear:




If you want a different word, such as **progress**, continue pressing number keys to enter the remaining characters.




Entering Words

In a text entry screen, you can press  > **Entry Method** and select **iTAP**. An indicator tells you which method is active (see page 31).

- 1 Press number keys (one press per letter) to show possible letter combinations at the bottom of the display.
- 2 Press  right or left to highlight the combination you want.
- 3 Press **SELECT** () to insert a highlighted combination.
You can press number keys to add more letters to the end of the combination.
A space appears after the word.
- 4 Press **OK** () to store the text.












Using the Symbol Method

In a text-entry screen, press  > **Entry Method** and select **Symbol**. An indicator tells you which method is active (see page 31).


- 1 Press number keys (one press per symbol) to show possible symbol combinations at the bottom of the display.
- 2 Press  right or left to highlight the combination you want.
- 3 Press **SELECT** () to insert a highlighted combination.
You can press number keys to add more symbols to the end of the combination
A space appears after the combination.
- 5 Press **OK** () to store the text.


Symbol Chart

Use this chart as a guide for entering symbols in symbol method.

Key	Characters
	. ? ! , @ _ & ~ : ; " ' () ' ` i % £ \$ ¥ ¤ €
	@ _ \
	/ : ;
	" & '
	() [] {}
	! i ~
	< > =
	\$ £ ¥ ¤ €
	# % *
	+ - x * / \ [] = > < # §
	Enter a space



Using the Numeric Method

In a text entry screen, press and hold any numeric key to switch between text and numeric entry methods, or press  > **Entry Method** and select **Numeric**. An indicator tells you which method is active (see page 31).

- 1 Press keypad keys to enter the numbers you want.
- 2 Press **OK** () to store the text.


Deleting Letters and Words





Place the cursor to the right of the text you want to delete, and then:

Do This	To
Press DELETE ()	Delete one letter at a time.
Hold DELETE ()	Delete the entire message.

Choosing a Text Entry Method

Multiple text entry methods make it easy for you to enter names, numbers, and messages. The method you select remains active until you select another method.

Press  > **Entry Method** in any text entry screen to change to one of the following entry methods:

- Tap**  This is the standard method for entering text on your phone (see page 39).
- iTAP**  Use a predictive text entry method to enter a word using one key press per letter (see page 42).
- Symbol**  Enter symbols only (see page 44).
- Numeric**  Enter numbers only (see page 46).

Press  up or down in any text entry screen to change your entry case.

Locking and Unlocking Your Phone

You can lock your phone manually or set it to lock automatically whenever you turn it off.

A locked phone still rings for incoming calls or messages, *but you must unlock it to answer*. To use a locked phone, enter the unlock code.


You can make emergency calls on your phone even when it is locked. See page 61.

Locking Your Phone Manually

Find the Feature




- > **Settings**
- > **Security**
- > **Phone Lock**
- > **Lock Now**

- 1 Enter your 4-digit unlock code.
- 2 Press **OK** () to lock the phone.

Unlocking Your Phone

At the **Enter Unlock Code** prompt:

- 1 Enter your 4-digit unlock code.
The unlock code is originally set to 1234. See page 51 if you forget your code or password.
- 2 Press **OK** () to unlock the phone.


Setting Your Phone to Lock Automatically

You can set your phone to lock every time you turn it off.

Find the Feature



- > **Settings**
- > **Security**
- > **Phone Lock**
- > **Automatic Lock**
- > **On**

- 1 Enter your 4-digit unlock code.
- 2 Press **OK** () to set the phone to lock automatically.

Changing a Code or Password

Your 4-digit unlock code is originally set to 1234, and the 6-digit security code is originally set to 000000. Your service provider may reset these numbers before you receive your phone.

If your service provider has not reset these numbers, we recommend that you change them to prevent others from accessing your personal information or modifying your phone settings. The unlock code must contain 4 digits, and the security code must contain 6 digits.

You can also reset your SIM card PIN code, PIN2 code, and/or call barring password if necessary.

Find the Feature





- > **Settings**
- > **Security**
- > **New Passwords**

If You Forget a Code or Password

If you forget your security code (originally set to 000000), SIM PIN, SIM PIN2, or call barring password, contact your service provider.

If you forget your unlock code, try entering 1234 or the last 4 digits of your phone number. If that does not work, do the following when you see the **Enter Unlock Code** message:

- 1 Press  to go to the unlock code bypass screen.
- 2 Enter your security code.

Press **OK** () to submit your security code.

M900 Optional Features



Several optional features can be chosen at installation:

Auxiliary Alert

This feature enables the M900 to signal you about an incoming call when you are out of the car, but the phone is still on.

Depending on whether the power cable is connected to the lights or to the horn, the car lights will flash or the horn will sound as the signal.

Find the Feature  > **Settings**
> **In-Call Setup**
> **Aux Alert**

Note: The shortcut for this feature is  > 

Entertainment Mute

This feature automatically mutes the volume of the car entertainment system during any of the following situations:

- During a call
- When an incoming call arrives
- When initiating a call
- Voice Activation Dialing (VAD)
- When a key is pressed for longer than 3 seconds
- When using voice activation features

The car radio must have a dedicated port in order for this feature to be installed.

Once installed, the feature is always activated.

Loudspeaker Connection

This feature provides voice and sound connections through the car loudspeaker, instead of the built-in M900 speaker.

The loudspeaker that is used for this feature must have an output of 4 ohms or greater.

Once installed, the feature is always activated.

Setting Up Your Phone

Storing Your Name and Phone Number

To store or edit your name and phone number information on your SIM card:

Find the Feature



- > **Settings**
- > **Phone Status**
- > **My Tel. Number**

If you do not know your phone number, contact your service provider. To view your phone number from the idle display or during a call, see page 26.

Setting the Time and Date

To use the datebook, you must set the time and date.

Find the Feature



- > **Settings**
- > **Other Settings**
- > **Initial Setup**
- > **Time and Date**





Setting an Alert Style

Your phone can ring differently when you receive a call, message, or other event. This is called an alert. An alert style indicator is shown in the display:



To set an alert style:

Find the Feature  > **Alert Styles**
> **Loud Ring Detail**

- 1 Press **CHANGE** () to change the alert style.
- 2 Use  up and down to select the item for which you want to change the alert style.
- 3 Press **CHANGE** () .
- 4 Scroll to the ring sound that you want to use for the alert.
- 5 Press **SELECT** () to select the style.

Setting Display Contrast

Find the Feature  > **Settings**
> **Other Settings**
> **Initial Setup**
> **Contrast**

Adjusting the Backlight

You can set the amount of time that the display backlight remains on, or turn off the backlight.

Find the Feature



- > **Settings**
- > **Other Settings**
- > **Initial Setup**
- > **Backlight**

Zooming In and Out



Find the Feature



- > **Settings**
- > **Other Settings**
- > **Initial Setup**
- > **Zoom**

Copying Phonebook Entries

Phonebook entries are stored in the phone's memory or the SIM card according to the selections made when they were entered into the phonebook. These entries can be copied from the phonebook to the phone's memory or to the SIM card. The following explains how to copy a single entry, numerous entries or all entries.

- 1 Press  to enter the phonebook.
- 2 Press  to display the following options:

Option	Description
Copy Entry	Copies the currently selected entry in the phonebook to the SIM or phone memory according to your selection.
Copy Entries	Requests the number of the first phonebook entry to be copied and then the number of the last phonebook entry to be copied. These entries are copied to the SIM card or the phone's memory according to your selection.
Copy All to SIM	Copies all the entries in the phonebook to the SIM card. A message allows you to specify whether duplicates in the SIM card and phone memory entries are merged or overwritten.
Copy All to Phone	Copies all the entries in the phonebook to the phone's memory. A message allows you to specify whether duplicates in SIM card and phone memory entries are merged or overwritten.

Calling Features

For basic instructions on how to make and answer calls, see page 22.

Changing the Active Line



Change the active phone line to make and receive calls from your other phone number.

Find the Feature






- > **Settings**
- > **Phone Status**
- > **Active Line**

The active line indicator in the display shows the current active phone line (see page 28).

Redialing a Number

From the idle display:


- 1 Press  to view the dialed calls list.
- 2 Press  up and down to scroll to the entry you want.
- 3 Press  to redial the number.

Using Caller ID




Calling line identification (caller ID) displays the phone number for incoming calls.

For **Incoming Calls**: The phone displays the caller's name when the name is stored in your phonebook, or **Incoming Call** when caller ID information is not available.

For **Outgoing Calls**: Other phones can display your phone number when you call them or send a message. To hide your number for the next call or message, press  > **Settings** > **In-Call Setup** > **My Caller ID** > **Next Call Only**.

Canceling an Incoming Call

While the phone is ringing:


Press **IGNORE** () to cancel the incoming call.



Depending on your phone settings and the type of subscription you have, the call may be forwarded to another number, or the caller may hear a busy signal.

Turning Off a Call Alert


You can turn off your phone's incoming call alert before answering the call:

Press  left or right turn off the alert.

Calling an Emergency Number


Your service provider programs one or more emergency phone numbers (such as 112 or 911) that you can call under any circumstances, even when your phone is locked.

Note: Emergency numbers vary by country. Your phone's emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

- 1 Press keypad keys dial the emergency number.
- 2 Press  to call the emergency number.

Dialing International Numbers

To dial the local international access code:

Press  for 2 seconds to insert the international access code (+) for the country from which you are dialing.


Viewing the Received Calls or Dialed Calls List

Your phone keeps lists of the calls you recently received and dialed, even if the calls did not connect. The lists are sorted from newest to oldest, and contain up to 10 entries. The oldest entries are deleted as new ones are added.

Shortcut: From the idle display, press  to display the dialed calls list.


Find the Feature  > **Recent Calls**

1 Press  up or down to scroll to **Received Calls** or **Dialed Calls**.

2 Press **SELECT** () to select the list.

3 Press  to scroll to an entry.



Note: ✓ means the call connected.

4 Press  to call the entry's number.

Note: Press and hold  for 2 seconds to send the number as DTMF tones during a call.



or

Press .

- If **VIEW** appears above the  key—view the entry's details.
- If **STORE** appears above the  key—store the entry's details in the phonebook.





or

From the idle display, press  to display the dialed calls list, and then press  to open the **Last Calls Menu** and perform other procedures in the following list:

Option	Description
Store	Create a phonebook entry with the selected number in the No. field. (This option does not appear if STORE appears above the  key, or if the number is already stored as a phonebook entry.)
Delete	Delete the entry. (This option does not appear if DELETE appears above the  key.)
Delete All	Delete all entries in the current list.
Hide ID/Show ID	Hide (or show) your caller ID for the next call.
Send Message	Create a new text message, with the selected number in the Tel No. field.
Add Digits	Add digits to the end of the selected number.
Attach Number	Attach another number from the phonebook or recent calls list to the end of the selected number.
Talk then Fax	Send a fax when the conversation is finished.

Returning an Unanswered Call


Your phone displays the following for unanswered calls:

- The  (missed call) indicator
 - **X Missed Calls**, where X is the total number of missed calls
- 1 Press **VIEW** () to see the received calls list, beginning with the most recent call.
 - 2 Press  to scroll through the list and select a call that you want to return.
 - 3 Press  to make the call.

Using the Notepad

Your phone stores the most recent string of digits entered on the keypad in a temporary memory location called the notepad. This can be a phone number that you called, or a number that you entered but did not call. To retrieve the number stored in the notepad:

Find the Feature  **> Recent Calls**
> Notepad

Press  to call the number.

or


Press  to open the **Dialing Menu** to attach a number or insert a special character.

or

Press **STORE** () to create a new phonebook entry, with the notepad number copied into the **No.** field. See page 86.

Attaching a Number

While dialing (with digits visible in the display):




Press  > **Attach Number** to attach a number from the phonebook or recent calls list to the end of the digits you entered.

Calling with Speed Dial

To manually speed dial a phonebook entry, in the idle display:

- Press the digits of the phonebook entry you want to call. Hold the last digit continuously until the number dials.

For example:

- To dial phonebook entry 99, press .
- To dial phonebook entry 7, press .
- To dial phonebook entry 103, press .

You must hold down the last digit of the phonebook entry for this feature to work, even if it is just a single digit.


Voicemail




You can listen to your voicemail messages by calling your network voicemail phone number. Voicemail messages are stored on the network—not on your phone.


You can check your voicemail messages by pressing and holding down 

Receiving a New Voicemail Message

When you receive a voicemail message, your phone displays  (voice message waiting) and **New Voicemail**. Some networks only indicate when you have messages, whether they are new or not.

Press **CALL** () to call the voicemail phone number you stored and listen to the message.

or

Press and hold 

Listening to a Voicemail Message

Find the Feature








- > **More**
- > **Messages**
- > **Voicemail**

Your phone calls your voicemail number. If no voicemail number is stored, the phone prompts you to store one.

Using Call Waiting



When you are on a call, an alert tone sounds to indicate that you have received a second call.


- 1 Press  to answer the new call.
or
Press the Voice Activation key ().
- 2 Press **SWITCH** () to switch back to the first call.
Note: You can press **SWITCH** () at any time to switch between calls.
or
Press **LINK** () to connect the two calls.

You must turn on call waiting to use this feature. To turn call waiting on or off:

- Find the Feature**  > **Settings**
> **In-Call Setup**
> **Call Waiting**

Putting a Call on Hold

Press  > **Hold** > **SELECT** to put a call on hold.






Your phone displays a  (flashing phone) indicator to indicate the call is on hold.

Transferring a Call

While you are on a call, you can transfer the call to another phone by first talking to the person who answers the other phone, or by directly transferring the call.

Announcing the Call Transfer


Find the Feature  > **Hold**

- 1 Enter the phone number where you are transferring the call.
- 2 Press  to dial the phone number.
Speak to the person who answers the target phone.
- 3 Press  to open the menu.
- 4 Press  and scroll to **Transfer**.
- 5 Press **SELECT** () and select **Transfer**.
- 6 Press **OK** () to confirm the transfer.


Your phone displays the message **Transfer: Complete** when it transfers. You can hang up the phone when you see this message.

Not Announcing the Call Transfer

Find the Feature  > **Transfer**

- 1 Enter the phone number where you are transferring the call.
- 2 Press  to dial the phone number.
Your phone displays the message **Transfer: Complete** when it transfers. You can hang up the phone when you see this message.

Using Voice Activation

You can enable the Voice Activation feature by pressing the Voice Activation key () located on the top of the M900. There are four voice activation options:

- **Name dialing**


Press the Voice Activation key once to enable the use of voice tags, or to answer or end a call while driving. Name dialing is user-dependent, and the M900 must be "trained" to recognize your voice (see page 74).

You can assign voice tags to call any of the phonebook numbers that are saved in your phone's memory. You cannot assign voice tags to call any of the numbers that are saved in your SIM card's memory.

- **Number dialing**

Press the Voice Activation key twice to say a phone number for the M900 to call. Number dialing is user-independent, but numbers must be said in the language that has been chosen for voice activation (see page 73).

- **Voice browser**

Press  and then the Voice Activation key once to say a voice tag that will take you directly to a menu option for which you have defined a shortcut. As with name dialing, the voice browser is user-dependant.

- **VoiceNotes™**

Press the Voice Activation key for a few seconds to begin recording personal messages and phone calls (see page 79).

Selecting a Language

The M900 recognizes six spoken languages: English, French, German, Italian, Spanish and Hebrew. Select the required language (if it is different from the default) before using any of the voice activation features. The M900 will then recognize the numbers that you speak (when using number dialing).

For details on how to select a language for voice activation, refer to page 27.

Training

Training enables the M900 to provide maximum compatibility between your voice and the voice recognition feature.

Find the Feature




- > **Settings**
- > **Voice Activation**
- > **Training**
- > **Start**

Follow the system instructions. The character or digit that you must pronounce will appear on the display. Say the character or digit after the instruction. Repeat the characters or digits, as required, in accordance with their appearance on the display.

With characters, the word that you should say will also appear written out, in parentheses. For example, when an * appears on the display, the word "star" appears and you should say "star". When digits appear, such as "580-643", say "five, eight, zero, six, four, three".

Creating or Editing Voice Tags

Voice tags are spoken words or names that can be added at any time to entries in your phonebook. These tags are used during name dialing, when you make a call by pressing the Voice Activation key () once and speaking the voice tag (see page 22).






You can also create a voice tag as a shortcut to a menu option, which can then be used to quickly access that option (see page 78).



Note: If you want to add a voice tag to a phonebook entry, that entry must be saved in the M900's memory and not on the SIM card.

When you are recording a voice tag, you cannot make or receive any calls.

For best results, when you record a voice tag, make sure there is no wind or background noise and speak in a clear, natural voice.






Your phone allows you about two seconds for each voice tag.

- 1 Press **PH.BOOK** ().
- 2 Select the phonebook entry for which you want to add or edit a voice tag.
- 3 Press **VIEW** ().
- 4 Press **EDIT** ().
- 5 Scroll to **Voice Name**.
- 6 Press **CHANGE** ().
- 7 Scroll to **Record**.
- 8 Press **SELECT** ().

- 9** Press the Voice Activation key ()
The phone plays a voice message: **Say name.**
- 10** Speak the desired voice tag.
- 11** Press the Voice Activation key () again.
The phone plays a voice message: **Say name again.**
The voice tag is saved in the phonebook entry.

Deleting Voice Tags



You can delete voice tags from your phonebook.

- 1 Press **PH.BOOK** ().
- 2 Select the phonebook entry for which you want to add a voice tag.
- 3 Press **VIEW** ().
- 4 Press **EDIT** ().
- 5 Scroll to **Voice Name**.
- 6 Press **CHANGE** ().
- 7 Scroll to **Delete**.
- 8 Press **YES** () to delete the voice tag.
The voice tag is deleted from the phonebook entry.

Using the Voice Browser

You can add up to 9 navigational shortcuts to the M900, which can be accessed by voice activation as well as through ordinary menu selection.

Add a shortcut to a menu option (see page 36) and use the voice activation feature to access that option.

- 1 Press  and the Voice Activation key () once.
The phone plays a voice message: **Say voice shortcut.**
- 2 Speak the voice tag for the menu option that you want to access.
The M900 then scrolls to the menu option that was stored with the voice tag.




VoiceNotes™

VoiceNotes™ are recorded messages up to one minute long that you can create either while the phone is idle or during a phone call.

Recording a VoiceNote™

You can either record a VoiceNote™ while the phone is idle, or record the voice of a person to whom you are speaking during a call. Your phone plays an alert tone to notify the other party that the call is being recorded.

Note: Recording phone calls is subject to varying laws in different states regarding privacy and recording of conversations.

- 1 Press and hold the Voice Activation key () for at least two seconds) .
or
Press  > **More** > **Voice Records** > **New**.
The phone sounds an alert tone and begins recording.
- 2 Speak your VoiceNote™ or let the other party speak.
The phone records the VoiceNote™.
- 3 Press the Voice Activation key () once to stop the recording.
(The recording will stop automatically after one minute.)
The phone displays the VoiceNote™ number and total recording time.

Accessing VoiceNotes™

You can view the list of previously recorded VoiceNotes™.

Find the Feature  > **Menu**
> **More**
> **Voice Records**


The list of previously recorded VoiceNotes™ is displayed on the M900. You can select a VoiceNote™ and perform one of the following operations on it:

- Play – plays the selected VoiceNote™.
- Save – saves the selected VoiceNote™.
- Delete – deletes the selected VoiceNote™.

Playing a VoiceNote™

You can play back previously recorded VoiceNotes™.


Find the Feature  > **Menu**
> **More**
> **Voice Records**

- 1 Select the desired VoiceNote™.
- 2 Press **PLAY** ().

Locking or Unlocking a VoiceNote™

You can protect a VoiceNote™ from deletion by locking it.


Find the Feature  > **Menu**
> **More**
> **Voice Records**

- 1 Select the desired VoiceNote™.
- 2 Press  to open the menu.
- 3 Select **LOCK** to lock the VoiceNote™.
or
Select **UNLOCK** to remove the protection from a VoiceNote™.

Deleting VoiceNotes™

You can delete previously recorded VoiceNotes™.

Find the Feature  > **Menu**
> **More**
> **Voice Records**

- 1 Select the desired VoiceNote™.
- 2 Press  to open the menu.
- 3 Select **DELETE** to delete the selected VoiceNote™.
or
Select **DELETE ALL** to delete all VoiceNotes™ in the list.

Phone Features

Main Menu

This is the standard main menu layout. **Menu organization and feature names may vary on your phone.** Not all features may be available for all users.

Phonebook

- Copy

Recent Calls

- Received Calls
- Dialed Calls
- Notepad
- Call Times
- Call Cost
- Data Times
- Data Volumes

Alert Styles

- Loud Ring Detail

WebAccess

- Browser
- Web Shortcuts
- Stored Pages
- History
- Go to URL
- Web Sessions
- Browser Setup

Office Tools

- Datebook
- Calculator

Settings (see page 83)

*optional network, SIM card, or subscription-dependent features

Note: Select **More** when it appears in the menu to see more menu items.

More

- MyMenu
- Messages *
 - New Message
 - Voicemail
 - Message Inbox
 - Browser Msgs
 - Info Services
 - Outbox
 - Drafts
- SIM Service
 - Menu
 - Orange Promo
- Fixed Dial
- Service Dial
 - Emergency
 - Police
 - Ambulance
 - Fire Dept.
 - Service
 - Finance
 - Roaming
- Quick Dial
- Voice Records

Settings Menu

Call Divert *

- Voice Calls
- Fax Calls
- Data Calls
- Cancel All
- Divert Status

Phone Status

- My Tel. Number *
- Credit Available
- Active Line
- Other Information

In-Call Setup

- In-Call Timer
- Call Cost Setup
- My Caller ID
- Talk and Fax *
- Answer Options
- Call Waiting *
- Aux Alert

Security

- Phone Lock
- Lock Application
- Fixed Dial
- Call Barring *
- SIM PIN
- New Passwords

Voice Activation

- Language
- Voice comments

*optional network, SIM card, or subscription-dependent features

Note: This is the standard phone menu layout. Menu organization and feature names may vary on your phone. Not all features may be available for all users.

- Training
- Other Settings**
- Personalize
 - Main Menu
 - Keys
 - Quick Dial
- Initial Setup
 - Time and Date
 - 1-Touch Dial
 - Backlight
 - Zoom
 - Scroll
 - Animation
 - Language
 - Contrast
 - DTMF
 - Master Reset
 - Master Clear
- Network
 - New Network
 - Network Setup
 - Available Networks
 - My Network List
 - Service Tone
 - Call Drop Tone
- Car Settings
 - Auto Answer
 - Power-off Delay









Feature Quick Reference

You can do more with your phone than make and receive phone calls! For example, you can:






- Store frequently called numbers in the phonebook for easy dialing.
- Organize your meetings and other events in the datebook.
- Browse the Web.
- Download applications.
- Send messages.

This section provides information to help you use features on your phone that are not described in this user guide. For more detailed information, see the reference guide.








Calling Features







Option	Description	
Conference Call	During a call:  > Hold , dial next number, press SELECT () , press LINK () .	
Call Forwarding	Set up or cancel call forwarding:  > Settings > Call Divert .	
Call Barring	Restrict outgoing or incoming calls:  > Settings > Security > Call Barring .	

Message Features








Option	Description
Send Message	Send a text message:  > More > Messages > New Message To enter text, see page 36.
Insert Pictures and Sounds	While composing a message:  > Insert
Received Messages	Read received messages:  > More > Messages Press  , to perform various operations on the selected message.
Store Pictures and Sounds	Highlight a picture or sound in a message, then:  > Store

Phonebook Features




Option	Description
Create Entry	Create a new phonebook entry:  > Phonebook > New Entry > Phone Number or Email Address or  > Phonebook >  > New > Phone Number or Email Address
Dial Number	Call a number in the phonebook:  > Phonebook > <i>entry to call</i> 
Voice Dial Number	Voice dial a number in the phonebook: Double-click  and say the entry's number (in 2 seconds)
Store a PIN Code in a Number	While entering the number:  > Insert Pause, Wait, or 'n' Pause: Waits for the call to connect, then sends the remaining digit(s). If your network does not recognize the first pause character, try two (pp). Wait: Waits for the call to connect, then prompts you for confirmation before it sends the remaining digit(s). 'n': Prompts you for a number before dialing the call. The number you enter is inserted into the dialing sequence in place of the n character.

Option	Description
Phonebook Categories	<p>You can put phonebook entries into categories. When you get a call or message from someone in a category, your phone uses the category's special ring or flashing lights.</p> <p>To set up a category, press  > Phonebook >  > Categories. Scroll to the category, then press  > SELECT.</p> <p>To set an entry's category, press  > Phonebook > <i>entry to edit</i>, then press  > Edit.</p>
1-Touch Dial	<p>Set 1-touch dial to call entries stored in your phone memory phonebook or the SIM card phonebook:</p> <p> > Settings > Other Settings > Initial Setup > 1-Touch Dial</p>





Personalizing Features

Option	Description
Event Alert	Change an event alert:  > Alert Styles > Loud Ring Detail > <i>event name</i>
Ring Volume	Adjust ringer volume:  > Alert Styles > Loud Ring Detail > Ring Volume
Keypad Volume	Adjust keypad key press volume:  > Alert Styles > Loud Ring Detail > Key Volume
Main Menu	Reorder your phone's main menu:  > Settings > Other Settings > Personalize > Main Menu
Soft Keys	Change soft key labels in the idle display:  > Settings > Other Settings > Personalize > Keys
Shortcuts	Create a shortcut to a menu item: Highlight the menu item, then press and hold  Select a shortcut:  > More > MyMenu > <i>shortcut name</i>

Menu Features

Option	Description
Language	Set menu language:  > Settings > Other Settings > Initial Setup > Language
Master Reset	Reset all options except unlock code, security code, lifetime timer:  > Settings > Other Settings > Initial Setup > Master Reset
Master Clear	Reset all options except unlock code, security code, lifetime timer, clear all user settings and entries:  > Settings > Other Settings > Initial Setup > Master Clear







Dialing Features

Option	Description
Quick Dial	Dial pre-programmed phone numbers:  > More > Quick Dial 
DTMF Tones	Activate DTMF tones:  > Settings > Other Settings > Initial Setup > DTMF Send DTMF tones during a call: Press number keys Send stored numbers as DTMF tones during a call: Highlight a number in the phonebook or recent call lists, then press  > Send Tones





Call Monitoring Features

Network connection time is the elapsed time from the moment you connect to your service provider's network to the moment you end the call by pressing the end key. This time includes busy signals and ringing.



The amount of network connection time you track on your resettable timer may not equal the amount of time for which you are billed by your service provider. For billing information, please contact your service provider directly.

Option	Description	
Call Times	View call timers:  > Recent Calls > Call Times	
In-Call Timer	Display time or cost information during a call:  > Settings > In-Call Setup > In-Call Timer	
Call Cost	View call cost trackers:  > Recent Calls > Call Cost	







Data and Fax Call Features

Option	Description
Send Data or Fax	Connect your phone to the device, then place the call through the device application. 
Talk Then Fax	Connect your phone to the device, enter the number, press  > Settings > In-Call Setup > Talk Then Fax , then press  to make the call. 



Network Features

Option	Description
Network Settings	View network information and adjust network settings:  > Settings > Other Settings > Network 



Personal Organizer Features

Option	Description
Add Datebook Event	Add an event to the datebook:  > Office Tools > Datebook > <i>day</i>  > New
View Datebook Event	View or edit event details:  > Office Tools > Datebook > <i>day</i> > <i>event name</i>
Respond to Event Reminder	View event when reminder appears: VIEW () Dismiss event reminder: EXIT ()
Calculator	Calculate numbers:  > Office Tools > Calculator

Security Features




Option	Description
SIM PIN	Enter or verify a SIM PIN:  > Settings > Security > SIM PIN
Lock Application	Lock phone applications:  > Settings > Security > Lock Application

News and Entertainment Features

Option	Description
Launch Micro-Browser	Start a micro-browser session:  > Web Access > Browser
Web Sessions	Select or create a Web session:  > Web Access > Web Sessions

M900 Accessories

Motorola advises use of original accessories of its manufacture. It is emphasized that the warranty provided for the phone is invalid in cases where the fault was caused by connection to equipment and/or devices that are not original or approved by Motorola for distribution (paragraph 6 of the warranty). Original accessories are at your disposal and available for purchase from authorized outlets. Please contact your network service provider for information on the availability of accessories and their purchase.

		
Data connection cable (USB)	Personal headset	Personal handset

When connecting a personal headset or handset, ring tones are not heard in the loudspeaker.

Specific Absorption Rate Data

This model phone meets the government's requirements for exposure to radio waves.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. Under the guidelines for your phone model, the SAR limit is 2.0 W/kg.² Tests for SAR are conducted in accordance with CENELEC³ testing procedures using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest

² The SAR limit recommended by international guidelines (ICNIRP) for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements.

³ CENELEC is a European Union standards body.

certified power level, the actual SAR of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone.

Before a phone model is available for sale to the public, it is tested to confirm compliance with the guidelines. The tests are performed in positions and locations (e.g., at the ear and worn on the body) that conform to a uniform testing methodology determined by an expert standards body. The highest SAR value for this model phone when tested for use at the ear is ___W/kg.⁴

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

⁴ Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

Consumer Information on Wireless Phones



The U.S. Food and Drug Administration (FDA) provides consumer information on wireless phones at:

<http://www.fda.gov/cellphones/qa.html>

Following are safety-related questions and answers discussed at this web site.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the primary subject of the safety questions discussed in this document.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products—and at this point we do not know that there is—it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike “hand-free” kits, these so-called “shields” may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal Trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

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