

INSTRUCTION MANUAL

A preliminary draft copy of the Users Manual follows:

Note:

Correspondence Reference Number: 17917 requested a change in user manual text. *(FYI - For future filings, please indicate in the users manual "the phone and its antenna" instead of "the antenna" for instructions that require users to maintain a separation distance.)*

The next two pages contains the text which will be incorporated into the final version of the manual.

Safety and General Information

Portable Phone Operation and EME Exposure

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Do NOT hold the antenna when the phone is in use. Holding the antenna affects call quality and may cause the phone to operate at a higher power level than needed.

Phone Operation

When placing or receiving a phone call, hold your phone as you would a wireline telephone. **Speak directly into the microphone.**

Body-Worn Operation

To maintain compliance with FCC RF exposure guidelines, if you wear a phone on your body when transmitting, always place the phone in a **Motorola-supplied or approved clip, holder, holster, case, or body harness.** Use of non-Motorola-approved accessories may exceed FCC RF exposure guidelines. **If you do not use a body-worn accessory, and are not holding the phone in the normal use position at the ear, ensure the phone and its antenna are at least one inch (2.5 centimeters) from your body when transmitting.**

Safety and General Information

Data Operation

When using any data feature of the phone, with or without an accessory cable, **position the phone and its antenna at least one inch (2.5 centimeters) from your body.**

Approved Accessories

For a list of approved Motorola accessories, visit our website at www.motorola.com.

Electromagnetic Interference/ Compatibility

Note: Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed, or otherwise configured for electromagnetic compatibility.

Facilities

To avoid electromagnetic interference and/or compatibility conflicts, turn off your phone in any facility where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy.

Aircraft


When instructed to do so, turn off your phone when on board an aircraft. Any use of a phone must be in accordance with applicable regulations per airline crew instructions.

Sapphire GSM Wireless Telephone Basic User's Guide


Draft for GSM Type Approval and Field Test


January 31, 2001

Welcome

Welcome to the world of Motorola digital wireless communications! Motorola is a global leader in communications technology. We are pleased that you have chosen the Motorola  ____g wireless phone to keep you connected with ease.



All Motorola phones are designed and manufactured to meet Motorola's rigorous specifications and world-class quality standards. During development, our testing team took the Motorola  phone through rigorous durability tests including temperature, humidity, shock, dust, vibration, and drop tests.

We are confident that you and your callers will find your wireless phone to be a convenient and reliable way to stay in touch. Thank you for choosing Motorola , and enjoy your new phone!

Personal Communications Sector
600 North U.S. Highway 45
Libertyville, Illinois 60048

1-800-331-6456 (United States)
1-888-390-6456 (TTY/TDD United States)
1-800-461-4575 (Canada)

www.motorola.com

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Manual number: 68_____ -0
Cover number: 8988485L07

Menu Map

Main Menu

- **Recent Calls**
 - Received Calls
 - Dialed Calls
 - Notepad
 - Call Times
- **Phonebook**
- **Datebook**
- **Quick Dial**
- **Radio**
- **Messages**
 - Voicemail
 - Text Msgs
 - Browser Alerts
 - Quick Notes
 - Outbox
 - Drafts
- **Shortcuts**
- **Voice Notes**
- **Browser**
- **Settings**
(see next page)

Note: This is the standard menu layout. You or your service provider may have modified the menu structure or changed some feature names. Not all features may be available for all users. For example, the **Radio** feature is displayed only when the FM radio headset accessory is plugged into the accessory connector port on your phone.

| Shortcuts |
|---|
| Change display zoom: Press  , then press and hold  |
| Lock/unlock keypad: Press   |
| Display my phone number: Press   |
| Go to dialed calls list: Press  |

Settings Menu



Ring/Vibrate

- Alert
- *Alert* Detail

Call Forward

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

Phone Status

- My Tel. Number
- Credit Available
- Credit Info
- Battery Meter
- Phone: Line 1/2
- Other Information

Connection

- Incoming Call

In-Call Setup

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

Security

- Phone Lock
- Lock Keypad
- Lock Application
- Fixed Dial
- Call Barring
- SIM Pin
- New Passwords

Other Settings

- Personalize
 - Main Menu
 - Keys
 - Greeting
 - Banner
 - Quick Dial
- Initial Setup
 - Time and Date
 - One-Touch Dial
 - Auto Redial
 - Backlight
 - Status Light
 - Zoom
 - Scroll
 - Animation
 - Language
 - Preferred Card
 - Battery Save
 - Contrast Setting
 - Master Reset
 - Master Clear
- Network
- Car Settings
- Headset

Phone Diagram

Headset Jack

Insert headset accessory for hands-free use.

Earpiece

Display

Menu Key

Status Light

See incoming call and service status.

Right Soft Key

Perform functions identified by right display prompt.

Left Soft Key

Perform functions identified by left display prompt.

Voice Key

Record voice notes, phonebook and shortcut names.

Volume Keys

Adjust earpiece and ringer volume.

Send Key

Send and answer calls, view recent dialed calls list.

Smart Key

Select menu items, send and end calls.

4-Way

Navigation Keys

Scroll through menus and lists, set feature values.

End Key

End phone calls, exit menu system.

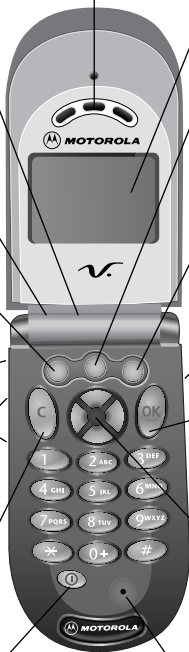
Accessory

Connector Port

Insert charger and phone accessories.

Microphone

Power Key



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About This Guide

Using Your Phone's Features

This user guide introduces you to the many features in your Motorola  phone. A reference guide for your phone is also available that explains the phone's features in more detail. To obtain a copy of the reference guide or another copy of this user guide, see the Motorola Web site at:

<http://motorola.com/consumer/manuals>


or contact the Motorola Customer Call Center at 1-800-331-6456.

Navigating To a Menu Feature

You can access many of your phone's features through the menu system. This guide shows you how to navigate to a specific menu feature as follows:

Find the Feature

 > Recent Calls
> Dialed Calls

The > symbol means that you should scroll to and select the feature. This example shows that you must press , scroll to and select **Recent Calls**, then scroll to and select **Dialed Calls** to view the dialed calls list.

Optional Features



Features marked with this label are optional network and/or subscription-dependent features. These features may not be offered by all service providers in all geographical areas. Contact your service provider for information about availability.

Optional Accessories



Features marked with this label require the use of an optional Motorola Original™ accessory.



Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION. READ THIS INFORMATION BEFORE USING YOUR PHONE.

RF Operational Characteristics

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits radio frequency (RF) energy. The phone operates in the frequency range of ____ MHz to ____ MHz in digital mode.

When you communicate with your phone, the system handling your call controls the power levels at which your phone transmits. The output power level typically may vary over a range from ____ watts to ____ watts in digital mode.

Exposure To Radio Frequency Energy

Your Motorola phone is designed to comply with the following national and international standards and guidelines regarding exposure of human beings to radio frequency electromagnetic energy (EME):

- United States Federal Communications Commission, Code of Regulations; 47 CFR part 2 sub-part J
- American National Standards Institute (ANSI) / Institute of Electrical and Electronic Engineers (IEEE) C95. 1-1992

Safety and General Information

- Institute of Electrical and Electronic Engineers (IEEE) C95.1-1999 Edition
- National Council on Radiation Protection and Measurements (NCRP) of the United States, Report 86, 1986
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998
- National Radiological Protection Board of the United Kingdom 1995
- Ministry of Health (Canada) Safety Code 6. Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz, 1999
- Australian Communications Authority Radiocommunications (Electromagnetic Radiation-Human Exposure) Standard 1999

To assure optimal phone performance and make sure human exposure to radio frequency electromagnetic energy is within the guidelines set forth in the above standards, always adhere to the following procedures:

Portable Phone Operation and EME Exposure

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or



attachments could damage the phone and may violate FCC regulations.

Do NOT hold the antenna when the phone is in use.

Holding the antenna affects call quality and may cause the phone to operate at a higher power level than needed.

Phone Operation

When placing or receiving a phone call, hold your phone as you would a wireline telephone. **Speak directly into the microphone.**

Body-Worn Operation

To maintain compliance with FCC RF exposure guidelines, if you wear a phone on your body when transmitting, always place the phone in a **Motorola-supplied or approved clip, holder, holster, case, or body harness.** Use of non-Motorola-approved accessories may exceed FCC RF exposure guidelines. **If you do not use a body-worn accessory, and are not holding the phone in the normal use position at the ear, ensure the antenna is at least one inch (2.5 centimeters) from your body when transmitting.**

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Electromagnetic Interference/ Compatibility

Note: Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed, or otherwise configured for electromagnetic compatibility.

Facilities

To avoid electromagnetic interference and/or compatibility conflicts, turn off your phone in any facility where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy.

Aircraft

When instructed to do so, turn off your phone when on board an aircraft. Any use of a phone must be in accordance with applicable regulations per airline crew instructions.

Medical Devices

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of 6 inches (15 centimeters) be



maintained between a handheld wireless phone and a pacemaker. These recommendations are consistent with the independent research by, and recommendations of, Wireless Technology Research.

Persons with pacemakers should:

- ALWAYS keep the phone more than six inches (15 centimeters) from your pacemaker when the phone is turned ON.
- NOT carry the phone in the breast pocket.
- use the ear opposite the pacemaker to minimize the potential for interference.
- turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

Safety and General

Use While Driving

Check the laws and regulations on the use of phones in the area where you drive. Always obey them.

When using your phone while driving, please:

- give full attention to driving and to the road.
- use hands-free operation, if available.
- pull off the road and park before making or answering a call if driving conditions so require.

Operational Warnings

For Vehicles With an Air Bag

Do not place a portable phone in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a portable phone is placed in the air bag deployment area and the air bag inflates, the phone may be propelled with great force and cause serious injury to occupants of the vehicle.



Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere, unless the phone is a model specifically identified as being “Intrinsically Safe” for use in such areas (for example, Factory Mutual, CSA, or UL Approved). Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

Note: The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles such as grain, dust, or metal powders, and any other area where you would normally be advised to turn off your vehicle engine. Areas with potentially explosive atmospheres are often but not always posted.

Blasting Caps and Areas

To avoid possible interference with blasting operations, turn OFF your phone when you are near electrical blasting caps, in a blasting area, or in areas posted: “Turn off two-way radio.” Obey all signs and instructions.

Operational Cautions

Antennas

Do not use any portable phone that has a damaged antenna. If a damaged antenna comes into contact with your skin, a minor burn can result.

Batteries

All batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touches exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects.

GEN011001

Getting Started



What's in the Box?

Your digital wireless phone typically comes equipped with a battery and a charger. Other accessory options can customize your phone for maximum performance and portability. The following illustrations show a sample of the package contents.

Note: Your phone and accessories may not look exactly as pictured.



Motorola
Telephone

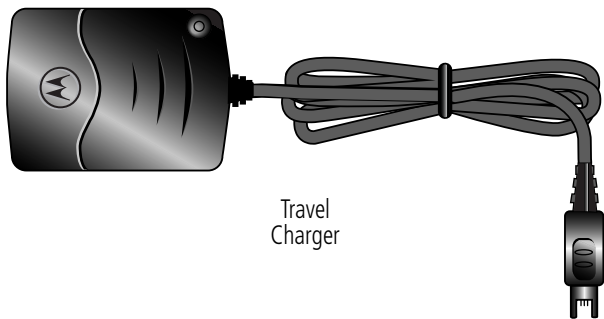


Battery



Holster

Getting Started



To purchase Motorola Original™ accessories, please phone 1-800-331-6456 in the United States or 1-800-461-4575 in Canada.

Installing the SIM Card

Your SIM (Subscriber Identity Module) card contains your phone number, service details, and phonebook/message memory. It is stored in a recess in the battery compartment.

Caution: Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.



Do This

- 1 Pull up at the base of the SIM card door and lift the door off of the phone.



- 2 Slide the SIM card cover up (toward the antenna) and lift open.



- 3 Insert the SIM card with the notch in the upper left corner and the gold plate facing down.



- 4 Close the SIM card cover and slide it down to lock the SIM card in place.
- 5 Replace the SIM card door, then push down and snap it into place.

Installing the Battery

Before you can use your phone, you need to install and charge the battery.



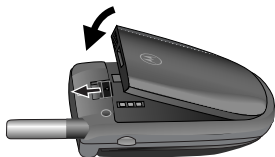
Your phone is designed to be used only with Motorola Original batteries and accessories. We recommend that you store batteries in their protective cases when not in use.

Do This

- 1 Remove the battery from its protective clear plastic case.
- 2 Insert the tabs at the base of the battery into the slots at the bottom of the battery compartment.



- 3 Pull up on the battery release latch at the top of the battery compartment, then push the battery down and snap it into place.





Charging the Battery

Before you can use your phone, you need to install and charge the battery.

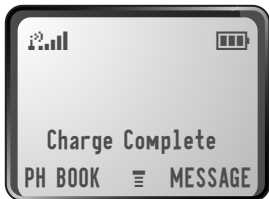
Do This

- 1 Plug the travel charger into your phone with the release tab facing up.



- 2 Plug the other end of the travel charger into the appropriate electrical outlet.

- 3 When your phone indicates that the battery is fully charged, press the release tab and remove the travel charger.




Tip: When your phone is turned on, the battery level indicator in the upper right corner of the phone display shows the amount of charge left in your battery. (See the "Battery Level Indicator" item on page 31.)

Turning Your Phone On

| Do This | To |
|---|--------------------|
| 1 Open your phone | expose the keypad |
| 2 Press and hold PWR (the power key) | turn on your phone |




- | | |
|--|------------------------------------|
| 3 Enter your SIM card PIN code and press OK () | unlock your SIM card, if necessary |
|--|------------------------------------|

See "Protecting the SIM Card" on page 153.




Caution: If you enter an incorrect SIM card PIN code three times in a row, your SIM card is disabled.



| Do This | To |
|---|---|
| 4 Enter your four-digit unlock code and press OK () | unlock your phone, if necessary The unlock code is originally set to 1234. (For more information, see “Locking and Unlocking Your Phone” on page 150.) |

Sending a Call

To call a number, your phone must be turned on, have a SIM card inserted, be unlocked, and have a network connection with adequate signal strength.

| Press | To |
|--|--|
| 1 keypad keys | dial the phone number (up to 32 digits) Tip: If you make a mistake, press DELETE () to delete the last digit, or press and hold DELETE () to clear all digits. |
| 2  (send key) | send the call |

Ending a Call

| Press | To |
|---|--------------|
|  (end key) | end the call |

Receiving a Call

To receive a call, your phone must be turned on, have a SIM card inserted, and have a network connection with adequate signal strength. If your phone is locked, you must unlock the phone to answer the call.



Note: Your phone cannot receive calls when your SIM card is locked.

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

| Press | To |
|---|-----------------|
|  or ANSWER () | answer the call |

Displaying Your Phone Number

From the idle display:

| Press | To |
|---|-----------------------|
|   | see your phone number |


About Your Phone



See page 5 for a diagram of your phone that describes basic phone components.

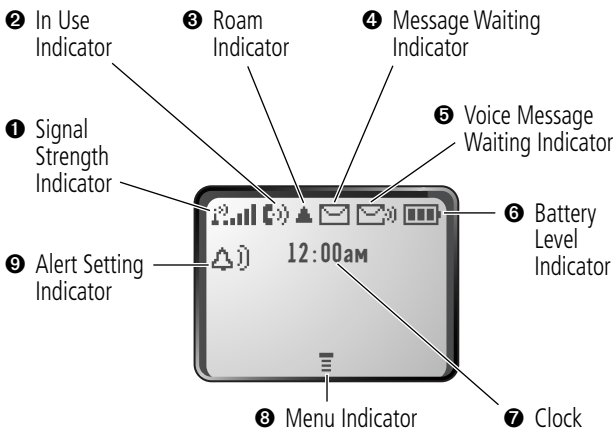
Display

The top section of the display shows phone status indicators. The following illustration shows some of the common indicators that you may see at the top of the display when using your phone.

Messages, phone numbers, and menu options appear in the middle of the display. Text labels at the bottom corners of the display show the current soft key functions. A  (menu) indicator in the bottom center of the display indicates that you can open the main menu or a feature sub-menu to see more options. For more information about the soft key and menu key labels, see “Using the Menu” on page 51.

Some of the phone functions described in this guide must be performed from the idle display. The term *idle display* refers to the standard display that you see when your phone is on and ready to use, when you are *not* on a call or using the menu system.

About Your Phone



1 Signal Strength Indicator Shows the strength of your phone's connection with the network.

Strong  No signal

You cannot send or receive calls when the "no signal" indicator is displayed.

2 In Use Indicator Appears when a call is in progress.

3 Roam Indicator Appears when your phone uses another network system outside your home network. When you leave your home network area, your phone *roams* or seeks another network.



4 Message Waiting Indicator Appears when your phone receives a text message.



5 Voice Message Waiting Indicator Appears when you receive a voicemail message.


6 Battery Level Indicator Shows the amount of charge left in your battery. The more segments visible, the greater the charge.



Recharge your battery as soon as possible when you see the **Low Battery** warning message.



7 Clock Shows the current time.

8 Menu Indicator Indicates that you can press  to open a menu. See “Using the Menu” on page 51.

9 Alert Setting Indicator Shows the current selected alert. The default alert setting is a ringer.

- | | |
|---|--|
|  Loud ring |  Soft ring |
|  Vibrate |  Ring and vibrate |
|  Silent | |

Changing the Zoom Setting

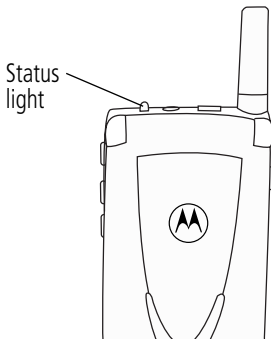
You can set your phone's display to show either three lines or two lines of text plus soft key labels. Three lines of text display more information, while two lines increase text size.

To change the display view, press **MENU** once, then press and hold **MENU** again within two seconds of the first press.

You can also adjust the zoom setting from the menu. See the "Zoom" item on page 70.

Status Light

The status light tells you when you have an incoming call or message, or when your phone is *roaming* (using a non-home system). The light changes color to indicate different states:



| Indication | State |
|------------------------------|--------------------------|
| alternating red/green (fast) | incoming call |
| flashing green | in service, home system |
| flashing yellow | roaming, non-home system |
| flashing red (slow) | no service |



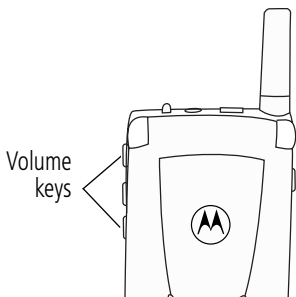
| Indication | State |
|---------------------------------------|---|
| flashing red (fast) | text or voicemail message received, but no service |
| alternating green (short)/red (long) | text or voicemail message received, home service |
| alternating yellow (short)/red (long) | text or voicemail message received, roaming service |

By default, the status light indicator is turned off to extend battery life. See the "Status Light" item on page 70 to turn on the status light.

Note: Turning on the status light will substantially reduce your phone's *standby time* (the length of time that your phone's battery retains power when the phone is turned on but is not in use).

Volume Keys

Use the upper and lower volume keys to adjust your phone's earpiece and ringer volume.



About Your Phone


| When | Press | To |
|--|-------------|--|
| During a call | volume keys | increase or decrease earpiece speaker volume |
| From the idle display (with flip opened) | volume keys | increase or decrease ringer volume |

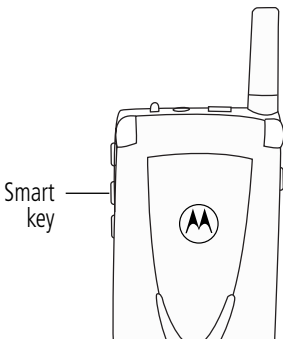
You can also use the volume keys to scroll up or down through menus and lists.

To change keypad volume, see “Select a Ring/Vibration for a Specific Event” on page 132.

Smart Key

The smart key gives you another way to perform many basic phone functions. It's called the smart key because it anticipates the next action you are likely to perform. For example, if you highlight an item and press the smart key,

the smart key selects the highlighted item. You can use the smart key to send and end calls, select menu items, toggle features on and off, and open your phonebook. The smart key usually performs the same function as the right soft key (.





Note: The smart key only provides an optional way to do some things faster. It is never *the only way* to perform a task.

Battery Use

Caution: To prevent injuries or burns, do not allow metal objects to contact or short-circuit the battery terminals.

To maximize your battery's performance:

- Always use Motorola approved batteries and battery chargers. The phone warranty does not cover damage caused from using non-Motorola batteries and/or battery chargers.
- New batteries or batteries that have been stored for long periods of time may require a longer charge time.
- Maintain the battery at or near room temperature when charging.
- Do not expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.
- When you do not intend to use a battery for a while, store it uncharged in a cool, dark, dry place, such as a refrigerator.
- Over extended periods of time, batteries gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in talk time or an increase in charging time, then it is probably time to purchase a new battery.

About Your Phone

- The more you talk on the phone or use phone features (like sending text messages), the less standby time your battery has. You can also extend battery life by turning off the status light. (See the “Status Light” item on page 70.)



The rechargeable batteries that power this product must be disposed of properly and may need to be recycled. Refer to your battery's label for battery type.

Contact your local recycling center for proper disposal methods. Never dispose of batteries in a fire because they may explode.



Sending and Receiving Calls



For basic instructions on how to send a call, end a call, and receive a call, see page 27 of the “Getting Started” section.

Redialing a Number



If you hear an ordinary busy signal, the phone number you dialed is busy.

| Press | To |
|---|------------------------|
| 1  | hang up |
| 2  | redial the busy number |

Using Automatic Redial

If the network is busy, you hear a fast busy signal, and your phone displays the message **Call Failed**.

With automatic redial, your phone makes a number of redial attempts until the call goes through.

| Press | To |
|---|--|
| 1  or RETRY () | activate automatic redial When the call goes through, your phone rings or vibrates one time and displays Redial Successful . |

Sending and Receiving Calls

| Press | To |
|---|------------------|
| 2  or OK () | connect the call |

You must activate automatic redial in order to use the feature. See the “Auto Redial” item on page 68.

Caller ID




The *calling line identification* (caller ID) feature lets you see who is calling before you answer.




- If the caller’s name is stored in your phonebook, the phone automatically displays the name. Otherwise, the phone displays the caller’s phone number.
- If caller ID information is not available, your phone displays the message **Incoming Call**.

Returning an Unanswered Call

Your phone keeps a record of your unanswered calls. When you cannot answer a call, your phone displays:

- the  (missed call) indicator
- the message **X Missed Calls Y Unknown**, where **X** is the total number of missed calls and **Y** is the number of missed calls for which caller ID information is not available.




| Press | To |
|---|---|
| 1 VIEW () | see the received calls list, with the most recent call at the top |
| 2  | scroll through the list and select a call that you want to return |
| 3  | send the call |

Dialing an Emergency Number When the Phone is Locked

Your service provider may program one or more emergency phone numbers that you can call even if your phone is locked or restricted.

When you see **Enter Unlock Code** in the display:

| Press | To |
|---|---|
| 1 keypad keys | dial the emergency number (such as 911) |
| 2  | call the emergency number |

Entering Numbers in the Notepad

Your phone stores the most recent string of digits entered on the keypad in a temporary memory location called the *notepad*. These digits can be the last phone number that you called, or a

Sending and Receiving Calls

phone number that you simply entered but did not call. These digits remain in the notepad even when you turn off the phone.

You can use the notepad to store a phone number that you intend to call later (such as a phone number told to you by the other party during a call). To retrieve these digits, see “Using the Notepad” on page 81.

Muting the Ring or Vibrate Alert

You can mute your phone’s incoming call alert before answering the call.



While the phone is ringing or vibrating:

| Press | To |
|-------------------|--------------------------------------|
| either volume key | turn off the ring or vibration alert |

To specify a ring or vibration type, see “Ring/Vibrate” on page 131.

Terminating an Incoming Call

While the phone is ringing or vibrating:

| Press | To |
|--|--------------------------|
|  or IGNORE () | cancel the incoming call |





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

Dialing With Speed Dial

The *speed dial* feature lets you dial any phonebook entry with a minimal number of keypresses.

Whenever you store an entry in your phonebook, the entry is assigned a unique speed dial number. If you know the speed dial number for the phonebook entry you want to call, you can use the speed dial feature.

| Press | To |
|---|---|
| 1 keypad keys | enter the one-, two-, or three-digit speed dial number for the entry you want to dial |
| 2  | submit the number |
| 3  | call the entry |

To make an entry in the phonebook or view an existing entry's speed dial number, see "Storing a Phonebook Entry" on page 87.

Dialing With One-Touch Dial

You can call phonebook entries 2 through 9 with the push of a single key. Just press and hold the one-digit speed dial number for one second.

It is recommended that you reserve location 1 in the phonebook for storing your voicemail number. In many cases, your service provider has already stored your voicemail number in location 1. If your voicemail number is not accessible by pressing and holding the **1** key, complete the following steps:

| Do This | To |
|---|--|
| 1 Store your voicemail number in phonebook location number 1 (see "Storing a Phonebook Entry" on page 87) | enable the 1 key voicemail shortcut |
| 2 Complete the instructions for "Storing Your Voicemail Number" on page 108 | enable voicemail soft key and menu shortcuts |

To store entries in locations 2 through 9 in the phonebook, see "Storing a Phonebook Entry" on page 87.

Note: You must specify which phone number list you want to use with this feature: phone memory phonebook, fixed dial list, or SIM card phonebook. See "One-Touch Dial Preference" on page 99.



Dialing a Number In a Text Message



If you receive a text message with an embedded phone number, you can dial the number directly.

Note: You must set up your inbox before opening text messages. See “Setting Up the Text Message Inbox” on page 110.

Find the Feature

MENU > Messages
> Text Msgs

| Press | To |
|--------------------|---------------------------------------|
| 1 | scroll to the message with the number |
| 2 MENU | open the Text Msg Menu |
| 3 | scroll to Call Back |
| 4 SELECT () | dial the number in the message |

If the message contains more than one phone number, press to scroll to a number and then press **SELECT** () to dial.

Sending and Receiving Calls

Additional Dialing Features


In addition to pressing numbers on your keypad, you can insert numbers or characters and send calls in a variety of ways.

While dialing (with digits visible in the display):

| Do This | To |
|---|---|
| Press 0 for two seconds | insert the international access code for the country from which you are calling |
| Press MENU and then scroll to and select one of the following: <ul style="list-style-type: none">• Insert Pause (to insert a p)• Insert Wait (to insert a w)• Insert 'n' (to insert an n) | insert a special character when making a calling card call: <ul style="list-style-type: none">• Pause tells your phone to wait until the call connects before it sends the next digit.• Wait tells your phone to wait until the call connects, and then to prompt you before it sends the next digit.• 'n' tells your phone to stop and to prompt you for a number before it sends the next digit. |
| Press MENU > Attach Number | attach a number from the phonebook or recent calls list to the end of the digits you entered |
| Press MENU > Send Message | create a text message addressed to the number entered |



You can also call numbers using these features:

| Do This | To Call |
|---|--|
| <p>Press and release the voice key on the right side of your phone and say the entry's name (in two seconds).</p>  | <p>a phone number using the voice dial feature</p> <p>See "Recording a Voice Name For a Phonebook Entry" on page 80.</p> |
| <p>Press MENU > Service Dial > <i>entry to call</i></p> | <p>a service dial number programmed on the SIM card</p> |
| <p>Press MENU > Fixed Dial > <i>entry to call</i></p> | <p>a fixed dial number</p> |
| <p>Press MENU > Recent Calls > Received Calls or Dialed Calls > <i>entry to call</i></p> | <p>a missed call or a number from a call you recently dialed or received</p> |



Using Features While On a Call

Using Call Waiting





If you subscribe to call waiting, an alert tone sounds while you are on a call to indicate that you have received a second call.

To put the first call on hold and answer the second call:

| Press | To |
|--|-------------------------------|
| 1  | answer the new call |
| 2 SWITCH  | switch back to the first call |

To end the first call and answer the second call:

| Press | To |
|---|--|
| 1  | end the current call Your phone rings to signal the new call. |
| 2  | answer the new call |









You must activate call waiting in order to use the feature. See "Call Waiting" on page 65.



Making a Conference Call



To talk to more than one person on a call, you can make a conference call. Call the first person, call the second person, then link the two calls.

| Press | To |
|--|---|
| 1 keypad keys | dial the first person's number |
| 2  | call the number |
| 3 HOLD () (if available) or  > Hold | put the first call on hold Your phone displays a  (flashing phone) icon next to the call on hold. |
| 4 keypad keys | dial the next person's number |
| 5  | call the number Your phone displays a  (active call) icon next to the new active call. |
| 6 LINK () | connect the two calls |
| 7  | end the entire call |

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.

Announce the Call Transfer

You can talk to the person who answers the other phone before you transfer the call, to tell them whom you are transferring.

Find the Feature

 > Hold

| Press | To |
|---|---|
| 1 keypad keys | enter the phone number where you are transferring the call |
| 2  | dial the phone number Speak to the person who answers the target phone. |
| 3  | open the menu |
| 4  | scroll to Transfer |
| 5 SELECT () | select Transfer |
| 6 OK () | confirm the transfer Your phone displays the message Transfer: Complete when the call is transferred. |




Do Not Announce the Call Transfer

You can directly transfer a call without talking to the person who answers.







Find the Feature

MENU > Transfer

| Press | To |
|---|--|
| 1 keypad keys | enter the phone number where you are transferring the call |
| 2  | dial the phone number Your phone displays the message Transfer: Complete when the call is transferred. |

Additional On-Call Features

While you are on a call, you can perform the following tasks:

| Do This | To |
|--|--|
| Press HOLD () (if available) or Press  > Hold | put a call on hold Your phone displays a  (flashing phone) icon to indicate that the call is on hold. |
| Press SPEAKER () (if available) or Press  > Spkrphone On | activate an attached speakerphone (hands-free mode) |
| Press  > My Tel. Number | see your phone number |

Using the Menu




Navigating to a Feature

You can access many of your phone's features by using these keys to move through the menu system:

Left Soft Key
Perform the function shown in the lower left corner of the display (usually **EXIT** or **BACK**).

Right Soft Key
Perform the function shown in the lower right corner of the display (usually **SELECT** the highlighted menu item).

Menu Key
Enter the menu system, or open a sub-menu, when  appears in the bottom center of the display.

End Key
Exit the menu system without making changes, return to the idle display.



4-Way Navigation Keys
Scroll **up** or **down** through menus and lists. Scroll **left** and **right** to cycle through and set the value of the highlighted menu item.

Using the Menu

This guide shows you how to navigate to a specific menu feature as follows:

Find the Feature

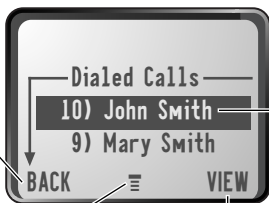
MENU > Recent Calls
> Dialed Calls

The > symbol means that you should scroll to and select the feature. This example shows that you must press **MENU**, scroll to and select **Recent Calls**, then scroll to and select **Dialed Calls** to see the dialed calls list.

Selecting a Feature Option

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

Press **BACK** (←) to go back to the previous screen.




Highlighted item

A sub-menu is available. Press **MENU** to open the sub-menu.

Press **VIEW** (✎) to view details of the highlighted item. **STORE** (✎) appears if you can store the item in your phonebook.





Select an item by highlighting it. Use one of the following approaches:

- Press  to scroll up or down to the item you want.
- In a numbered list, press a number key to highlight the item.
- In an alphabetized list, press a key multiple times to cycle through the letters on the key and highlight the closest matching list item.


Entering Feature Information


Features such as the phonebook and datebook require you to enter information to fill in an entry's details:





Press  to scroll down to additional items.

Highlighted item

Press **CANCEL** () to exit without making changes.

Press **CHANGE** () to edit the selected information.

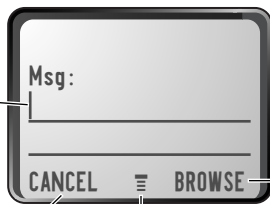
DONE () appears when you enter or edit information. Press **DONE** () to save your changes.

Using the Menu

- Enter numbers or text with the keypad. (See “Entering Text” on page 56.)
- When an item has a list of possible values, press **⏪** or **⏩** to scroll through and select a value.
- When an item has a list of possible numeric values, press a number key to set the value.
- If you enter or edit information and then decide that you do not want to save your changes, press **⏪** to exit without saving.

The message center lets you compose and send text messages. (See “Entering Text” on page 56.) A *flashing cursor* shows you where the text will appear:

Flashing cursor indicates insertion point.



Press **CANCEL** (**⏪**) to exit without making changes.

Press **MENU** to open the sub-menu.


Press **BROWSE** (**⏩**) to view and insert a name, number, or message from previously stored information.



When you enter text, the flashing cursor changes to a *block cursor*, and the soft key functions change:

Block cursor indicates current highlighted character.



Press **OK** () to accept and store the text.

After two seconds, the block cursor reverts to a flashing cursor and moves to the next position.

Press **DELETE** () to delete the character to the left of the insertion point.

Entering Text

General Text Entry Rules

Use the keypad to enter letters, numbers, and other characters. Press the same key repeatedly to cycle through available characters (see "Character Chart" on page 57):

Press a number key to enter text at flashing cursor location.

Press a number key as many times as necessary to enter the desired character.


Press and hold a number key to cycle between uppercase and lowercase characters.

Press navigation keys **up** or **down** to move flashing cursor up or down one line in text message, or change character in block cursor to uppercase or lowercase.

Press navigation keys **left** or **right** to move flashing cursor to the left or right in text message.















- If you do not press a key for two seconds, the character in the block cursor is accepted, and the cursor moves to the next position.
- The first character of every sentence is capitalized unless you manually override it. (Hold the number key or press  down to force the character to lowercase while it is highlighted by the block cursor.)

Character Chart


Use this chart as a guide for entering spaces, numbers, letters, and other characters. Press and hold a key to cycle between uppercase and lowercase characters.


| | |
|---|--|
|  | space . 1 ? ! , @ & : ; " - () ' ` i % £ \$ ¥ ¤ |
|  | a b c 2 ä å à α β ç |
|  | d e f 3 Δ é è Φ |
|  | g h i 4 Γ |
|  | j k l 5 Λ |
|  | m n o 6 ñ ö ø ò Ω |
|  | p q r s 7 Π β Σ |
|  | t u v 8 Θ ü ù |
|  | w x y z 9 Ξ Ψ |
|  | + - 0 x * / = > < # § |

Predictive Text Entry with iTAP Software

iTAP™ software provides a predictive text entry method that lets you enter the letters of a word using only one keypress per letter.

Activating and Deactivating iTAP Software

You must activate iTAP software prior to entering letters. You can do this from any text entry screen by pressing  and selecting the **iTAP** menu option.




When you are finished using iTAP software, press  again from any text entry screen and select **TAP Method** to reset your phone to use the standard text entry method described on pages 56 and 57.




Entering Words

To enter a word:

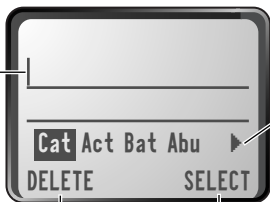
| Do This | To |
|---|--|
| 1 Press a keypad key once | enter the first letter of the word The letters associated with the key you pressed are shown at the bottom of the display. |
| 2 Press keypad keys (one per letter) | enter the rest of the word Alternative words and letter combinations are shown at the bottom of the display based on the keys you press. These word choices are updated with each keypress. |





| Do This | To |
|---|--|
| 3 When you have entered all the letters of the word, press  and  | locate and highlight the word you want |
| 4 Press SELECT () | add the highlighted word to the text area at the top of the display A space is automatically inserted after the word. |

For example, to spell the word "act," press   . The display shows:

Flashing cursor indicates insertion point.



Press  and  to scroll and see additional word choices.






Press **DELETE** () to clear the last letter entered.

Press **SELECT** () to insert the highlighted word at the insertion point.

Using the Menu



Entering Novel Words

You may enter a word that is not in the iTAP software dictionary. If you enter all the letters of a word but the word is not displayed:

| Do This | To |
|--|--|
| 1 Press DELETE () one or more times | delete one or more letters until you see a letter combination that matches the start of the word |
| 2 Press  and  | highlight the letter or letter combination |
| 3 Press SELECT () , then press  | shift the text entry cursor to the left and "lock" the selected portion of the word |
| 4 Continue entering letters and highlighting letter combinations | spell the word |

Punctuation


The iTAP software automatically adds a space after each word. When you enter punctuation, this space is removed. To use punctuation:

| Press | To |
|--|--|
|  or  | enter punctuation or other characters as shown in the "Character Chart" on page 57 |




Capitalization

The first word of a sentence is automatically capitalized, with following words in lowercase. To set or adjust character capitalization:

| Press | To |
|---|--|
| 5  | change the words to initial character capitalized, all uppercase characters, or all lowercase characters |



Entering Numbers

To enter a number:

| Do This | To |
|---|--|
| 1 Enter the first digit and then highlight it | put the iTAP software in number entry mode |
| 2 Press keypad keys | add digits to the number |
| 3 Press SELECT () | enter the number at the insertion point |

Deleting Letters and Words

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

| Do This | To |
|--|-----------------------------|
| Press DELETE () | delete one letter at a time |
| Continue to hold DELETE () | delete the entire message |