

Welcome

Welcome to the world of Motorola digital wireless communications from a global leader in communications technology! We are pleased you have chosen the Motorola Timeport cellular 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 Timeport through rigorous durability tests including temperature, humidity, shock, dust, vibration, and drop tests—and the phone still worked!

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 Timeport, and enjoy your new phone!

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Safety Information



Important: Read this information before using your wireless handheld phone.

Exposure to Radio Frequency Signals

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

In August 1996, The Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with safety standards previously set by both U.S. and international standards bodies:

- American National Standards Institute (ANSI) IEEE. C95. 1-1992
- National Council on Radiation Protection and Measurement (NCRP) Report 86
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

The design of your phone complies with the FCC guidelines (and those standards).

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.

Phone Operation

Normal Operation

Hold the phone as you would any other telephone, with the antenna pointed up and over your shoulder.

Tip on Efficient Operation

To operate your phone most efficiently, do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

Batteries

Caution: All batteries can cause property damage, injury, or burns if a conductive material, such as jewelry, keys or beaded chains, touches exposed terminals. The material may complete an electrical circuit and become quite hot. To protect against such unwanted current drain, exercise care in handling any charged battery, particularly when placing it inside your pocket, purse, or other container with metal objects. When the battery is detached from the phone, your batteries are packed with a protective battery cover; please use this cover for storing your batteries when not in use.

Driving

Check the laws and regulations on the use of wireless telephones in the areas where you drive. Always obey them. Observe the following guidelines when using your phone while driving.

- Give full attention to driving--driving safely is your first responsibility.
- Use hands-free phone operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Electronic Devices

Most modern electronic equipment is shielded from RF signals. However, certain equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six inches (6") be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the 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 from their pacemaker when the phone is turned ON
- should not carry the phone in a breast pocket
- should use the ear opposite the pacemaker to minimize the potential for interference
- should turn the phone OFF 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 external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Turn your phone OFF in any facility where posted notices so require.

Aircraft

FCC regulations prohibit using your phone while in the air. Switch OFF your phone before boarding an aircraft.

Blasting Areas

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

Potentially Explosive Atmospheres

Turn your phone OFF and do not remove your battery when you are in any area with a potentially explosive atmosphere. Obey all signs and instructions.

Sparks from your battery in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include, but are not limited to: fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage facilities; areas where fuel odors are present (for example, if a gas/propane leak occurs in a car or home); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you normally would be advised to turn off your vehicle engine.

For Vehicles Equipped with an Air Bag

An air bag inflates with great force. Do NOT place objects, including both installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

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Overview

Package Content Options

Your digital cellular phone typically comes equipped with a transformer charger and at least one battery. A large selection of accessory options can customize your wireless package for maximum performance and portability. Below is a sampling of the different package options.

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



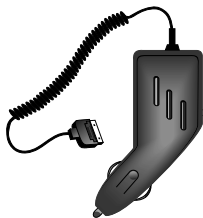
Cellular Telephone



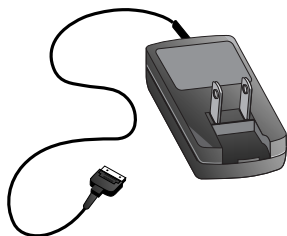
Slim Battery with
Battery Cover



Desktop Charger
(AC Adapter required)



Vehicle Power
Adapter



AC Adapter

Phone Overview

See “Phone Diagram” on page 15 for an illustration of the components described below.


Earpiece—Ultra-compact phone speaker.

Headset Jack—Connects an optional headset.

Power/Status Indicator—Provides status information on the current type of service and message status.

Signal Strength Indicator—Indicates the strength of your phone’s connection with the local cellular system.

Volume Keys—The upper and lower volume keys can adjust keypad, earpiece, and ringer volume. After pressing the Smart Button, the volume keys also scroll through memory entries and menu features.


 **Smart Button**—Use the Smart Button to recall information from memory, place and end calls, select menu features, and toggle features on and off. The symbol * in your display represents the Smart Button.


Icon Indicators—Displays various indicators such as the digital, in use, in building, no service, SMS message waiting, and voice message waiting indicators.

Battery Level Indicator—Show the amount of charge remaining in your battery.


VibraCall[®] Alert Indicator—Indicates the on/off status of the ringer and VibraCall[®] alert.

Function Keys


 **RCL**—Recalls phone numbers from memory.

 **STD**—Stores phone numbers into memory.

 **CLR**—Clears characters from the screen.



 **SEND**—Places or answers calls.

 **PWR**—Turns the phone on and off.

 **FCN**—Acts as a “shift” key to access the secondary functions of other keys.

 **Message Center Button**—Allows access to digital messages and voice mail messages.

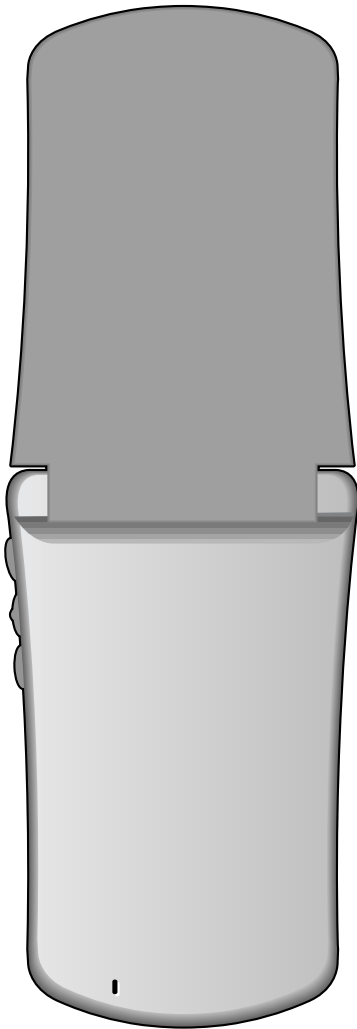
 **END**—Ends phone calls.

  **← * →** and **# →**—Can be used to scroll through memory entries and menu features.

Microphone—Positioned for convenient conversation.

Accessory Connector Port—Provides the connections for an external power supply and vehicular and optional accessories.

Phone Diagram



Earpiece

Battery Level Indicator

VibraCall® Alert Indicator

Understanding the Guide

Key Presses

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

FCN **0**_{opr} **7**_{pgs} **CLR**

This means you should press **FCN** followed by **0**_{opr}, **7**_{pgs}, and then **CLR**, in sequence, not simultaneously.

Prompts and Messages

Your phone responds to key presses by displaying either a prompt that guides you to the next action or a message confirming that your action is complete. Prompts and messages are represented in this guide in LCD style, for example: `Reset Timer.`

Short Cuts and Tips

In the margins of your guide are short cuts and useful hints and ways to improve your phone's performance. These are especially helpful for experienced Motorola users, who can find many of the same key sequences used with other Motorola models.

Using the Battery

Your digital phone uses Lithium Ion (Lilon) batteries. Batteries are available in Slim and Extra Capacity sizes. In this chapter, you will learn how to:

- store and dispose of batteries
- remove and attach the cover to the battery
- install and remove batteries
- interpret battery talk-time and standby-time
- check the battery level
- charge batteries using the internal charger and the desktop charger

Storing and Disposing of Batteries

To prolong the life of your batteries, do not expose them to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your car.

To dispose of batteries, check with your local recycling center for a battery recycler near you. Never dispose of batteries in a fire.

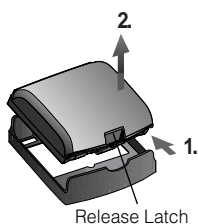
Caution: To prevent injuries or burns, do not allow metal objects to contact or short-circuit the battery terminals.

Removing and Attaching Battery Covers

Your phone's batteries are shipped uncharged and fitted with protective covers. Before you install the batteries, remove these covers, and save them for storing unused batteries. The covers prevent metal objects from contacting the battery terminals, reducing the risk of injury or damage from a battery short circuit.

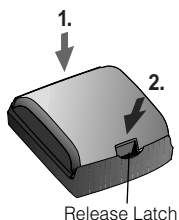
Removing the Battery Cover

1. Press the release latch.
2. Swivel the battery upward and lift it out of the cover.



Attaching the Battery Cover

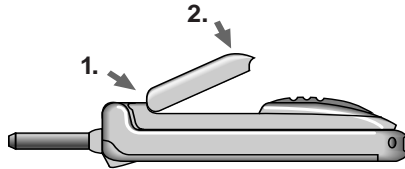
1. Lower the edge of the battery opposite the release latch into the cover.
2. Drop the side with the release latch down until the latch clicks into place.



Installing and Removing Batteries


Installing a Battery

1. Set the edge of the battery opposite the release latch into the cover.



2. Press the release latch side of the battery into the cover until the latch clicks into place.

Removing a Battery

1. Press  to turn your phone off.
2. Press the release latch back toward the battery, and lift the battery out.



Battery Talk-Time and Standby-Time

Talk-time refers to the time you can talk on your phone before the battery is fully discharged.

Standby-time is the time that your phone is on but not used for talking.

Notes:

- Talking on the phone uses more power than leaving it idle. The more power you use for talking, the less you'll have for standby-time, and vice-versa.
- All times are approximate and depend on the battery used, network configuration, signal strength, and the features selected.
- Talk and standby times are lower in analog mode.
- Your phone operates more efficiently in Digital mode. If the **D** icon is displayed in the lower left corner, your phone's performance is reflected in the digital section of the table below.

The following table shows ranges for battery talk-times and standby times.

Battery	Digital		Analog	
	Talk (up to)	Standby (up to)	Talk (up to)	Standby (up to)
Slim LiION 500mAH	60 min.	50 hrs.	35 min.	10 hrs.
Extra Capacity LiION 900 mAH	110 min.	100 hrs.	60 min.	15 hrs.

Checking Battery Levels

Battery Level Indicator

The three bar segments on your phone's Battery Level Indicator display the amount of charge remaining in your battery. The more segments visible, the greater the charge.

For a detailed battery level reading:

Press **FCN** **4** **batt** **gph**.

The following is displayed:



The more segments filled on the battery gauge, the greater the charge.



High



Low

Low Battery Warning

When the battery level is low and only a few minutes of talk-time remain, your phone signals you in three ways:

- Low Battery appears in the first line of the display.
- No bar segments are highlighted.
- A short tone plays periodically.

To confirm low battery signals:

Press **FCN** **4** **batt** **gph**.

Power Status Messages

You may also see one of the following messages:

Main	Main battery fitted; phone is operating from main battery.
Charging Main	Main battery fitted; main battery is being charged.

Using the Desktop Charger

You can use the desktop charger to charge batteries while they are attached to your phone, or you can charge a main battery separately.

To charge:

1. Plug the AC adapter into the back of the charger, release tab facing up.



2. Plug the other end of the adapter into an AC wall socket.
3. With battery attached, place the phone into the charger's front pocket. Optionally, place an additional battery into the charger's back pocket.

Note: When the phone is charging, the battery level indicator flashes. When the battery is fully charged, this icon stops flashing. If your phone cannot charge the battery, this indicator does not appear.

Desktop Charger Indicator Lights

The light for charging a battery attached to the phone in the charger's front pocket is:

- Yellow** The phone is inserted. Check phone for battery charge status.

The lights for charging a battery in the rear pocket are:

- Red** The battery is rapid charging.
- Flashing yellow** The battery is waiting for its charge.
- Green** The battery is charged over 90% of its capacity and can be used.
- Flashing red** Either the battery or the power supply is damaged and cannot be charged.

Battery Charging Tips

To ensure that you enjoy maximum battery life and use your battery to its fullest capacity:

- Always use Motorola approved battery chargers.
- For the best results, charge Li-Ion batteries using the E•P™ Desktop Charger or your phone's internal charger.
- The battery should be at or near room temperature when charging.
- New batteries or batteries that have been stored for long periods of time may not rapid charge properly. In these instances, the battery requires an overnight charge.
- When you don't 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.

Quick Change Power Source

The quick change feature enables you to switch power sources while a call is in progress without losing the call. If you hear a low-battery warning while you are in a call, plug in the vehicle power adapter or AC adapter.

Charge Times

Locate your battery by type to see how long your battery takes to charge to a 95% power level:

Battery Type	Charge Time in hours
	Internal Charger
Slim LiION (500 mAH)	2.5
Extra Capacity LiION (900 mAH)	3.0

After the battery reaches 95%, it begins to slow charge until it is fully charged. It is normal for batteries to become warm during charging.

Using the Phone

This chapter introduces you to the basic features of your phone. You will learn how to:

- turn the phone on and off
- read the indicators
- store your phone in its holster
- view your own phone number
- place, end, and receive a call
- use the Smart Button
- redial a number
- control the volume

Turning the Phone On and Off

1. Open your phone to expose the keypad.



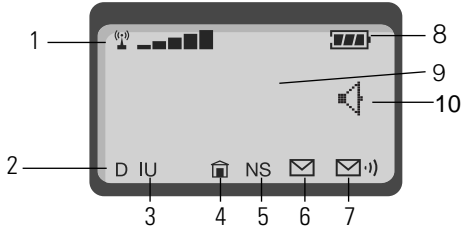
2. To turn the phone on, press and hold **PWR** until the display appears and you hear an audible alert.
3. Press and hold **PWR** again to turn the phone off. *Powering Off* will be displayed, and you will hear an audible alert.

What You Will See

When you turn on your digital phone, it performs a self-test to let you know it is operational. When the test is completed, the display shows:

- one of several possible greetings, such as one of the following:
 - the name of your Service Provider
 - an indication of local or non-local coverage area
 - Motorola
 - Motorola Timeport
- your phone number
- the Digital icon

Reading the Indicators



Strong



Weak

D

Signal Strength Indicator (1)

The Signal Strength Indicator (SSI) indicates the strength of your phone's connection with the local cellular system. A strong signal increases your chances of placing and receiving calls. Weak signal strength can occur in a fringe area of the cellular system. Buildings, tunnels, and bad weather can block or interfere with reception.

Digital Indicator (2)

The digital indicator displays if you are receiving a digital signal.

IU

In Use Indicator (3)

The In Use (IU) Indicator appears when a call is in progress.



In-Building Indicator (4)

The In-Building Indicator lights when the phone accesses an In-Building Cellular System or other non-public system.

NS

No Service Indicator (5)

If you travel beyond the range of a cellular system, the No Service Indicator appears to let you know that calls cannot be placed or received from your location.



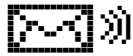
SMS Message Waiting Indicator (6)

The Short Message Service (SMS) Message Waiting Indicator is displayed when the phone receives a message. (This is an optional, network

and subscription-dependent feature that is not available in all areas.)

Voice Message Waiting Indicator(7)

The Voice Message Waiting Indicator is displayed when your Voicemail has received a message. (This is an optional, network and subscription-dependent feature that is not available in all areas.)



Battery Level Indicator (8)

The three bar segments on the Battery Level Indicator show the amount of charge remaining in your battery. The more segments you see, the greater the charge. The phone alerts you to a low charge in three ways:

- No bar segments are highlighted.
- Low Battery appears on your screen.
- A short tone plays periodically.



High



Low

Alphanumeric Display (9)

The middle area of the display contains the alphanumeric display. It shows input from the keypad, information recalled from memory, and other messages.

VibraCall® Alert Indicator (10)

One of the VibraCall® alert combinations appears in the display:



VibraCall® on—Your phone's ringer is turned off and the VibraCall® alert is on.



Vibrate then ring—Both your phone's ringer and the VibraCall® alert are on.



Ring only—Your phone's ringer is turned on and the VibraCall® alert is turned off.



Ring and vibrate off—Both your phone's ringer and the VibraCall® alert is turned off.



Power/Status Indicator

While wearing your phone in its holster or while carrying it, you can check the Power/Status indicator on top of the phone for status information on your current type of service and message status. The messages can include voice mails and Short Message Services (SMS) messages, or the receipt of recent calls. (This is an optional, network and subscription-dependent feature that is not available in all areas.)

During wake-up and while the phone is “ringing,” the Power/Status Indicator flashes alternating red and green. Otherwise, if the flip is closed and the *Status Light* setting in the *Phone Options* menu is set to *On*, then the Power/Status Indicator flashes according to the following chart. (See “Selecting Battery Options—Status Light” on page 104 for information on the status indicator.)

First Flash	Second Flash	Service	Condition
Green	Green	Service in home system	No message
	Red		Message waiting
Yellow	Yellow	Roaming (service in non-home system)	No message
	Red		Message waiting
Red	Off	No service	No message
	Red		Message waiting

Note: The Power/Status Indicator is off when the phone is in charger-only mode or when the status light feature is turned off.

Standby Mode

To conserve energy, your phone may turn off its lights when in standby mode. The display comes back the next time you press a key or open the phone.

Storing Your Phone in Its Holster

To slip your phone into its holster, make sure the battery is facing the outside of the holster. Then clip the holster onto a belt, purse or briefcase.

Notes:

- For body-worn use, keep the antenna at least one inch from your body when transmitting.
- The holster has been designed for your convenience and is not meant to secure your phone under all circumstances.

Viewing Your Phone Number

Press **RCL** **#** **▶** for a quick look at your phone number.

Placing a Call

To place a call:

1. First, turn the phone on. Press and hold **PWR** until the display appears and you hear an audible alert.
2. Enter the number you want to call, for example: 555-1212.
 - Press **CLR** to erase one digit at a time if you make a mistake.
 - Press and hold **CLR** to clear the entire entry.

You can also recall a previously dialed or stored number. (See “Using Phone Memory” on page 38 for details on storing or recalling.)


3. Press and hold  until you hear a second tone.

or

Press  to place the call.

You will hear a single-tone alert (if the keypad tones are turned on) and see *Dialing 555-1212*.

You can dial phone numbers with up to 32 digits, but only the last 20 digits appear in the display.

Press  to see the entire phone number.

Ending a Call

Select one of the following three ways to end a call:

- Press .

or

- Close the phone.

or

- Use the Smart Button:

1. Press and hold  until you hear a second tone.

You will see ** To End Call*.

2. Press  again to end the call.

Receiving a Call

Your phone must be powered on to receive calls. When the phone rings, answer the call by doing one of the following:

- Press .

or

- Open the flip.

Note: Opening the phone does not answer the call if the Open to Answer feature is off. (See “Deactivating Open to Answer” on page 102.)

Unanswered Call Indicator

When you cannot take a call, your digital phone keeps a count of your unanswered calls and alerts you with the message *Missed XX Calls*, where *XX* is the number of missed calls.

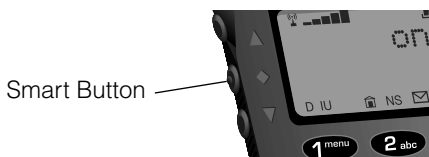
Press  to view missed calls.

Terminating the Ring or Vibrate Indicator

You can terminate either the ring or the vibrate indicator by pressing either of the volume keys during the ring/vibrate cycle.

Using the Smart Button

Use the Smart Button to place and end calls, enter menus, toggle features on and off, and select items in the display. The Smart Button is the middle key on the left side—easy to feel, easy to find, and easy to use.



The symbol  in your display represents the Smart Button.

Selecting Items in the Display

The most basic use of the Smart Button is for making selections. Whenever you are given a choice such as a ringer setting, press the Smart Button to select the setting you want.

Tip: You can also enter the menu system by pressing



toggling Features On and Off

Some of your phone's features toggle on and off. Use the upper or lower volume key to scroll to the desired feature, then press the Smart Button to select it.

Entering the Menu System

Press **FCN**, then press to access the menu system. You will see **Recent Calls**—the first entry in the menu list.

Placing and Ending a Call

You can use the Smart Button to place and end a call, as described in “Placing a Call” on page 33 and “Ending a Call” on page 34.

Redialing a Number

Automatic Redial

Sometimes you may not be able to complete a call because the cellular system is busy. When this happens, you will hear a fast busy signal.

With Automatic Redial, your phone tries continuously to complete the call for the next four minutes. When it makes a connection, the phone alerts you with vibrations or rings that are half as long as those for a new incoming call. You can begin talking when the other party answers.

If you hear a fast busy signal:

1. You will see **Redial Call?**

Press or **SEND** to redial, or press **END** to exit.

2. If the call does not go through after four minutes, press or **SEND** to continue the call attempt.

You will see **Redial**.

If you hear an ordinary busy signal:

1. Press **END** to hang up.
2. Press **0** or press **SEND** to redial the busy number.

You will see `Dialing 5551234`.

Controlling Volume

Adjusting Volume

Use the upper and lower volume keys to adjust earpiece, keypad, and ringer volume. When you press these keys, the phone's speaker demonstrates the current volume level.

To adjust earpiece and keypad volume:

Press **+** or **-** to raise or lower the volume.

To adjust the ringer volume:

1. Press **FCN**.
2. Press **+** or **-** to raise or lower the ringer volume.

Muting the Microphone

For privacy during a call, mute the microphone. You can hear the person on the other end, but he or she cannot hear you.

1. Press **FCN** **6 mute/mic** to mute the microphone. You will see `Mute`.
2. Press **FCN** **6 mute/mic** again to resume normal conversation.

Selecting Silent Vibration Mode

In situations where you don't want your phone to ring, or in noisy places where you may not hear your phone, select the VibraCall[®] Alert function for discrete vibration:

Press **FCN** **8 vib/tuv** to toggle between ringer and vibration mode. You will see `Ring only` or `Vibrate only`.

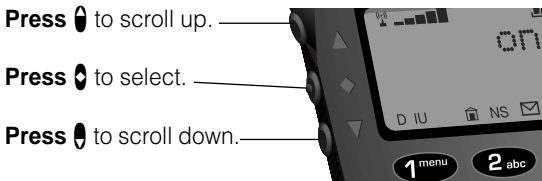
Using Phone Memory

Use your TDMA digital phone's internal Phone Book to store up to 99 names and numbers for easy access.

In this chapter you will learn how to:

- store names and numbers into the phone book
- recall phone numbers from memory
- clear names and numbers
- dial a number with Speed Dial and Turbo Dial®
- make notes on the scratchpad

Follow these symbols as a guide for using the keys on the side of your phone:



You can also use your phone's **[left arrow] * [right arrow]** and **[left arrow] # [right arrow]** keys to scroll through the menu system.

Making the Most of Memory

Each phone number in your phone book is stored in a *memory location* numbered 01-99.

To organize your phone book for convenient recall, try storing related numbers in groups of ten. For example, store your ten most frequently called numbers in locations 01-09, and then use the Turbo Dial® keys to call them with the push of a key. (See “Using the Turbo Dial® Function” on page 44 for details.) You could store business contacts in locations 10-19, family in 20-29, friends in 30-39, and so on.

You can also store names to identify phone numbers. Later, you can recall a number by the name that corresponds to it.

Storing Names and Numbers

How to Store Phone Numbers

1. Enter the phone number you want to store.

Note: You can store up to 32 digits per phone number entry.

2. Press **STD** to begin storing.

The phone prompts you to enter a memory location: Location ____.

3. Enter the two-digit memory location where you want the sequence stored.

or

Press **◀*** to store the sequence in the first available location.

or

Enter the first digit of the memory location, then press **◀*** to store the sequence in the first available location beginning with that digit.

You will see **Alpha Or ***.

4. Enter a name to identify the phone number. (See the following section for details on entering names.)
5. Press **0** or **STD** when you finish entering the name.

Your phone confirms your entry by displaying the information you stored.

How to Enter Letters and Numbers

When the display shows **Alpha Or ***, you can press the numeric keys one or more times to produce any letter or number in the alphabet. Use the letters printed on each key as a guide. For

Tip: The * symbol in your display represents the Smart Button.

example, press **2_{abc}** to enter "A," "B," "C," or "2" as shown:



How to Enter a Name

1. Enter a letter by pressing a key as many times as necessary.

Enter punctuation by pressing **1_{menu}** as many times as indicated by the chart below.

Pressing **1_{menu}** a single time produces a single space.

2	3	4	5	6	7	8	9	10
1	/	'	,	?	\$.	&	!

The cursor advances automatically to the next space after you enter a letter or after three seconds of inactivity. If you are repeating a character, then press **#▶** to advance the cursor to the next space.

2. Press **←✖** or **CLR** to erase a letter if you make an error.
3. Press **⏏** or **STO** when you finish entering the name.

Your phone confirms your entry by displaying the information you stored.

Tip:

Press the upper or lower volume key to toggle between upper and lower case letters.

Recalling an Entry by Name

After storing names and numbers, you can recall them alphabetically and immediately place calls.

Clearing a Phone Memory Entry

Clearing an Entry by Name

1. Recall by name the entry that you want to erase. (See “Recalling an Entry by Name” on page 42.)
2. Press **CLR** to clear the entry.
You will see **Clear Entry?**.
3. Press **Y** or **STD** to confirm that you want to erase the entry.

The numbered location of the cleared entry is shown in the display.

Clearing an Entry by Location Number



1. Recall by location the entry that you want to erase.
2. Press **CLR** to clear the display.
3. Press **STD** and the location you want to clear.
You will see **XX Change?**, where **XX** is the phone number you want to erase.
4. Press **STD** to confirm that you want to erase the entry.

The numbered location of the cleared entry is shown in the display.

Shortcuts for Recalling Phone Book Entries



Using Speed Dial

If you know the memory location of the number you want to call, try the Speed Dial function:

1. Enter the two-digit memory location (01-99).
2. Press and hold , or press  to place the call.

Using the Turbo Dial[®] Function

The Turbo Dial[®] function enables you to dial numbers stored in locations 01-09 with the push of a single button:

Press and hold a number  through  on the keypad, and your call is placed. You will hear a two-tone alert afterwards.

Your phone's Priority Call feature gives you fast access to any number stored in location 01. To learn more about this feature, see "Activating Priority Calling" on page 86.

Making Notes on the Scratchpad

If you need to take a quick note, but you do not want to save the number, use the Scratchpad, which remembers the last phone number that was on your phone's display. The Scratchpad is helpful if you are on the phone and your party gives you another number to call.

Entering a Number in the Scratchpad

If you are on the phone and your party gives you another number to call, enter the number on the scratchpad so you can place the call later.

1. Enter the number into the keypad. (The person on the line can hear tones as you dial.)
2. Press **END** to end the current call, if necessary.
3. Press **SEND** to call the number you saved on the Scratchpad.

Storing Numbers During a Call

You can also store numbers during a call:

1. Enter the number into the keypad. (The person on the line can hear tones as you dial.)
2. Press **STD** and continue storing with step 3 in "Storing Names and Numbers" on page 40.

Using the Menu System

Your digital cellular phone includes many features to help you be more productive. The phone's user-friendly menu system helps you find what you need quickly and easily.

In this chapter you will learn:

- what are the main menu features
- how to navigate through the menus
- how to read a menu road map

Introducing the Menu Features

As you scroll through the menu system, you will see the following icons, each representing a high-level menu.



Recent Calls



Phone Book



Timers



Tone Control



Lock Secure

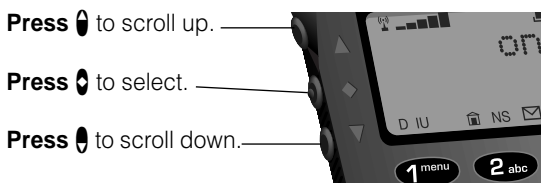




Phone Options

Navigating the Menu

You can navigate through the menu system using the three keys located on the left side of the phone. Use the upper and lower volume keys to scroll to sub-menus and to control volume. Use the middle Smart Button to choose menus and functions.



Follow these symbols as a guide for using the keys on the side of your phone:






You can also use your phone's  and  keys to scroll through the menu system.





Road Maps

To help you navigate through the phone's menu system, each chapter begins with an easy-to-follow visual "road map." Simply press the key shown, and observe the message that appears in the display. For example, try this:

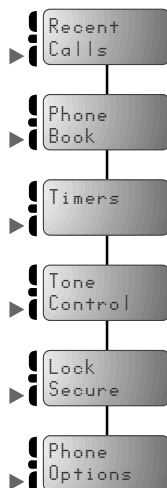
1. Press , then press  to enter the menu features

or

Press  . "menu" is printed on the  key as a reminder.

2. Press  and  to scroll through the menu's top level, shown here in the margin.
3. Press  to select a menu item.
4. Press  to exit the menu.

Detailed instructions within each chapter describe how each feature works.



Road Map for Recent Calls

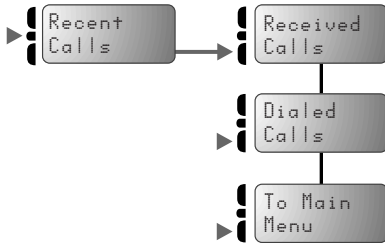
To enter the menu system:

Press **FCN**, then press **0**.

or

Press **FCN** **1 menu**.

Start:



About Recent Calls

The Recent Calls menu allows you to review previous calls that you have received or dialed. Following are some useful tips and information about reviewing recent calls.

- Your digital cellular phone can store the telephone numbers and names of the last thirty incoming calls.
- If the caller's phone number matches a phone number stored in the phone's memory, the phone automatically displays the name associated with that phone number.
- If you subscribe to call waiting and receive a call while another call is in progress:
 - You hear a call waiting tone.
 - The caller's name and number appear on the display.
 - The name and number are automatically stored and can be viewed after ending the

call, using the procedure described in “Reviewing Received Call” on page 51.

- Caller Line ID allows you to view the name and number of the calling party in the phone’s display while the phone is ringing.

Caller Line ID is an optional feature that is not available in all markets. Contact your Service Provider for availability information.

- If the caller has restricted transmission of the phone number, your phone displays **Anonymous**. If the Calling Number ID information is not available to the cellular network, your phone displays **Unavailable**.
- You can store any number contained in your Caller Line ID memory to a memory location in the same way you would save any phone number. Once the correct number is displayed, press **STD** and a memory location or **STD** **←*** to autoload. See “Storing with the Menu” on page 58 for more information on storing phone numbers.
- To view Caller Line ID information prior to answering a call, you must turn off the Open to Answer feature. (See “Deactivating Open to Answer” on page 102.)

Getting to Recent Calls

1. Press **FCN**, then press **0** to enter the menu system.
2. When you see **Recent Calls**, press **0** to select.
3. Press **0** or **0** to scroll to the following features.

Reviewing Received Call

1. Follow the steps in “Getting to Recent Calls” above to scroll to **Received Calls**. The total numbers of received calls stored is displayed in the upper right corner. If there are no numbers in the Caller Line ID list, you will see **00** in the upper right corner.
2. Press **0** to enter your Caller Line ID list of received calls.
3. Press **0** or **0** to scroll through the list.

The display shows the order in which the call was received in the upper right corner, with the phone number and name of the calling party (if available).

The received call list can range from **01** (the most recent previous phone call) to **30** (the least recent phone call).

The following symbols appear next to the received calls:



Answered







Missed

4. Press **SEND** to dial the displayed number.

Shortcut:

Press **RCL** **RCL** to view your received calls. You must hold the second **RCL** until the received call list is displayed.




Getting to Recent Calls

1. Press **FCN**, then press  to enter the menu system.
2. When you see **Recent Calls**, press  to select.
3. Press  or  to scroll to the following features.

Reviewing Dialed Calls

1. Follow the steps in “Getting to Recent Calls” above to scroll to **Dialed Calls**.

The total number of dialed calls that are stored is displayed in the upper right corner. You can see up to the last twenty numbers dialed. If there are no numbers in the Dialed Call list, you will see 00.

2. Press  to enter your dialed calls list.
3. Press  or  to scroll through the list. The dialed call list can range from 01 (the most recent dialed phone call) to 20 (the least recent dialed phone call).

The display shows the order of the previously dialed phone call in the upper right corner, with the phone number and name (if available) of the party called.

4. Press **SEND** to dial the displayed number.

Shortcut:

Press **RCL**
  to
enter your
dialed calls list.

Clearing Caller Line ID

To **erase all entries** saved in your Caller Line ID memory:

1. Follow the steps in “Getting to Recent Calls” on page 52 to scroll to *Received Calls*.
2. Press and hold **CLR** when a Caller Line ID name and number is displayed. You will see *Clear All?*.
3. Press **↵** or **STD** to clear.

or

Press **END** to leave your Caller Line ID memory intact.

To **erase a single entry** saved in your Caller Line ID memory:

1. Press **CLR** or any other key when a Caller Line ID name and number is displayed. You will see *Clear Entry?*.
2. Press **↵** or **STD** to clear.

or

Press **END** to leave your Caller Line ID memory intact.

Tip: To erase **all entries** you must press and hold **CLR**, whereas to erase a **single entry** you simply press **CLR**.


Managing the Phone Book

In “Using Phone Memory” you learned how to store and recall phone numbers with the internal Phone Book. You can access the same features, along with several advanced features, using your phone’s convenient menu system.


In this chapter you will learn how to:

- recall and store phone numbers using the menu system
- store numbers with pause dialing
- store calling card sequences for easy access
- edit your memory information
- select the individual ringer style



Follow these symbols as a guide for using the keys on the side of your phone:

Press  to scroll up.

Press  to select.

Press  to scroll down.



You can also use your phone’s * and #  keys to scroll through the menu system.

Road Map for Phone Book

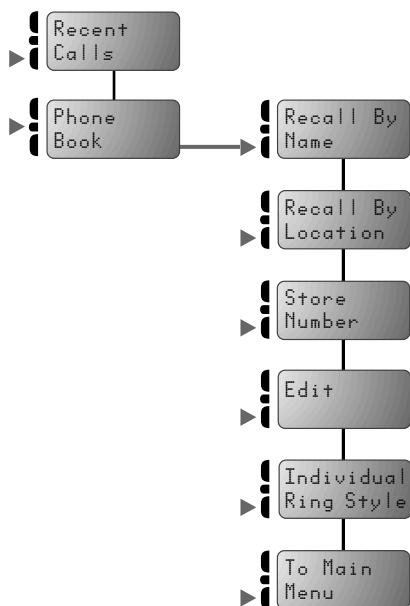
To enter the menu system:

Press **FCN**, then press **0**.

or

Press **FCN** **1 menu**.

Start:



Getting to Phone Book

1. Press **FCN**, then press **0** to enter the menu system.
2. Press **0** or **0** to scroll to **Phone Book**, and press **0** to select.
3. Press **0** or **0** to scroll to the following features, and press **0** to select.

Tip: You can also recall phone numbers without using the Phone Book. See "Recalling an Entry by Name" on page 42 or "Recalling an Entry by Memory Location" on page 42.

Recalling an Entry by Name

Once you have stored entries, you can recall them alphabetically with the Phone Book menu. Find the name, choose the number, and instantly place a call. To recall a stored name:

1. Follow the steps in "Getting to Phone Book" above to select **Recall By Name**. You will see **Enter 1st Letter**.
2. Enter the first letter of the name you want to recall. The display shows the first name in the phone book that begins with that letter.

If no entry is found beginning with a particular letter, then a message is displayed. For example, if no name begins with the letter "A", then **No A's** is displayed.

3. Press **0** or **0** to scroll to the name you want.
When the name is displayed, the corresponding number is displayed on a third line, and the phone memory location is displayed in the upper right corner.
4. Press and hold **0**, or press **SEND**, to call the number you selected.

Recalling an Entry by Location

Each name and number you store is placed in a memory location numbered 01-99. After storing names and numbers, you can recall them by memory location with the Phone Book menu.

1. Follow the steps in “Getting to Phone Book” on page 56 to select **Recall By Location**. You will see **Location ____**.
2. Enter the two-digit memory location of the number you want.
3. Press and hold **Ⓜ**, or press **SEND**, to call the number you selected.

Getting to Phone Book

1. Press **FCN**, then press **⏏** to enter the menu system.
2. Press **⏏** or **⏏** to scroll to **Phone Book**, and press **⏏** to select.
3. Press **⏏** or **⏏** to scroll to the following features, and press **⏏** to select.

Storing with the Menu

To store names and numbers into the Phone Book:

1. Follow the steps in “Getting to Phone Book” above to select **Store Number**. You will see **Enter Number**.
2. Enter the phone number you want to store. See “How to Enter Letters and Numbers” on page 40.
3. Press **⏏** when you finish entering the number. You will see **Location ____**.
4. Press **⏏** to store the sequence in the next available location.

or

Enter the first digit of the memory location and press **⏏** to store the sequence in the first available location beginning with that digit.

or

Enter the two-digit memory location where you want the sequence stored.

5. You will see **Alpha Or ***. Enter a name to identify the phone number, or skip this step and continue with step 6. (See “How to Enter a Name” on page 41 for details on entering names.)

Tip: *If the chosen location is full, press **END** and restart the storing sequence.*

6. Press **OK** or **STD**, when you finish entering the name. Your phone confirms your entry by displaying the location, number, and name you stored. Proceed with step 7 below, or return to step 2 above to store more numbers.
7. Press **END** to exit the menu.

Storing and Placing Numbers with Pause Dialing

Pause Dialing

When you call automated systems, typically a recorded message prompts you for PIN numbers, Voice Mail numbers, etc. Pause dialing can make using automated systems easy by allowing you to store these numbers in the same memory location as the phone number for the automated system.

These additional numbers are separated by *pauses*—special characters that tell your phone to wait before sending additional numbers. The pause occupies a one-digit space in your phone's memory. Once you have entered a string of numbers and pauses, you will store the string in the same way you store other entries.

Entering a Pause in a Number

1. Follow the steps in “Getting to Phone Book” on page 58 to select **Store Number**. You will see **Enter Number**.
2. Enter the phone number you use to access the automated system.
3. Press **FCN** **SEND**.
You will see **Insert Wait 0**.
4. Press **0** to insert a pause (0) into the sequence.
5. Enter the next group of numbers (such as an account number or PIN number.)
6. Enter any other required symbols (such as * or #).
7. Insert another pause, and enter the next group of numbers by repeating steps 3 through 5 as many times as necessary. Then store the entire sequence as you would any phone number.
8. Press **STD** to begin storing.
You will see **Location ___**.
9. Enter the two-digit memory location where you want the sequence stored.
You will see **Alpha Or ***.
10. Enter a name for your sequence.
(See “How to Enter a Name” on page 41 for details on entering names.)
11. Press **0** when you finish entering the name.
Your phone confirms your entry by displaying the location, number, and name you stored.

Tip: You can store up to 32 digits, including pauses.

Placing a Call with Pauses

Once you store a number that includes pauses, you can recall the entry and place the call. All of the digits you have stored are recalled, but your phone only sends the tones for the set of numbers before the first pause.

1. Recall the stored number with the pause inserted.
2. Press and hold **0**, or press **SEND**, to place the call.
3. When the recording prompts you for information, press **0** or **SEND** to send the next set of stored numbers.
4. Press **0** or **SEND** as many times as necessary, to transmit all the numbers.

Storing and Placing Numbers for Calling Card Information

Storing Calling Card Information

Like Pause Dialing, you can store calling card access numbers, separated by pauses, for recall later. You can also store a Number Character in the memory sequence to save a place for the number you call when you use your calling card.

See “Using Lock/Security Features” on page 82 for more information on protecting your calling card information.

1. Follow the steps in “Getting to Phone Book” on page 58 to select **Store Number**. You will see **Enter Number**.
2. Enter the phone number you use to access your calling card system. (Skip this step if you only dial 0.)
3. Press **FCN SEND**. You will see **Insert Wait 0**.
4. Press **0** to insert a pause (0) into the sequence.

5. Enter the next numbers, if needed. (For example, some long distance carriers require you to dial a 0 first. If no further numbers are needed, skip to step 7.)

6. Press **FCN** **SEND**.

7. Press **0** to scroll to the Number Character. You will see `Insert Number ^N`.

8. Press **0** to insert the `^N` Character.

This special character saves a place for the phone number you will be calling. The number is inserted automatically when you place the call.

9. Press **FCN** **SEND**.

10. Press **0** to insert another pause, as in steps 3 and 4.

11. Enter your calling card PIN number.

12. Press **STD** to store your calling card sequence.

You will see `Location ____`.

13. Enter the two-digit memory location where you want the sequence stored.

You will see `Alpha Or *`.

14. Enter a name for your sequence. (See “How to Enter a Name” on page 41 for details on entering names.)

15. Press **0** when you are finished entering the name.

Your phone confirms your entry by displaying the location, number, and name you stored.

Placing a Calling Card Call

Once you have stored your calling card information, recall the information and place the call whenever you want to use your calling card. Before your phone begins dialing, it prompts you for the number you want to call. Once you have entered the number, your phone automatically inserts the number in place of the Number Character you stored.

1. Recall the calling card information you stored.

(See “Recalling an Entry by Name” on page 56 and “Recalling an Entry by Location” on page 57 for more information on Recalling Numbers.)

2. Press **SEND** before entering the number. You will see *Enter Number*.
3. Enter the phone number you want to call, including the area code.

Enter the number manually, by location, or recall.

4. Press and hold **⏏**, or press **SEND**, to place the call.

Your phone dials the number to access your long distance provider.

5. Press **⏏**, or press **SEND**, to send the next group of numbers when you are prompted.

The phone automatically inserts the selected number to call at the appropriate time in the sequence.

6. Repeat step 5 to send the next group of numbers as many times as necessary.

Getting to Phone Book

1. Press **FCN**, then press **⏎** to enter the menu system.
2. Press **⏎** or **⏪** to scroll to **Phone Book**, and press **⏎** to select.
3. Press **⏎** or **⏪** to scroll to the following features, and press **⏎** to select.

Editing a Memory Location

After you store names and numbers in the Phone Book, you can edit the information or erase entries at any time.

1. Follow the steps in “Getting to Phone Book” above to select **Edi+**.

2. Recall the entry by location or by name.

(See “Recalling an Entry by Name” or “Recalling an Entry by Location” on page 57.)

3. Press **⏎** to begin editing the phone number.

The display shows the name briefly, then the phone number.

4. Press **CLR** to erase one digit at a time.

Press and hold **CLR** to erase the entire number.


5. Enter your changes to the phone number.

6. Press **⏎** when you finish editing the phone number.

The display shows the location where your number is currently stored.


7. Press **CLR** to erase the memory location, then enter a new two-digit location.


or


Press  to keep the phone number in its current location.

The display shows the name stored with the phone number you are editing.

8. Enter your changes to the name. (See “How to Enter a Name” on page 41.)


Press  to erase one letter at a time, or skip to step 9 to leave the name unchanged.

9. Press  when you finish editing the name. The display shows the new information.


10. Press  to save your changes.

Your phone confirms your entry by displaying the location, number, and name you stored.

or

Press  to leave the information unchanged.

When you see `Location __`, enter a new two-digit memory location to avoid overwriting the information in the current location.

11. Press  to exit, or scroll to other features.

Getting to Phone Book

1. Press **FCN**, then press **↓** to enter the menu system.
2. Press **↓** or **↑** to scroll to **Phone Book**, and press **↓** to select.
3. Press **↓** or **↑** to scroll to the following features, and press **↓** to select.

Assigning an Individual Ring Style to a Phone Book Entry

You can use the individual ring style feature to assign one of nine ring styles to alert you of an incoming call from a phone number listed in your phone book.

Note: This feature will only operate if you subscribe to Caller ID from your service provider. Caller ID is not available in all areas.



1. Follow the steps in “Getting to Phone Book” above to select **Individual Ring Style**.
2. Select the phone book entry to which you want to assign an individual ring style.
 - a. Enter the first letter of the name entry associated with the phone number.
 - b. Scroll up and down to reach the desired phone book entry.
3. When you reach the phone number you want, select it by pressing **↓** or **STD**.

The display will show **Press 0-9, 0=OFF**.


4. Press **0 opr** to assign the default ring style for the number.

or

Press an entry from **1 menu** to **9 wxyz** to select one of the nine ring styles.

5. Press  or  to select that ring style.

The display confirms the selection by showing *Ring Style Assigned*.

6. Press  to exit, or scroll to other features.

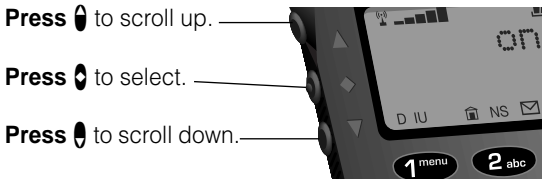
Timing Your Calls



Your phone's Call Timers give you a variety of options for managing your time. You can monitor the length of individual calls, set a timer to track monthly usage, or have the phone alert you at intervals that you specify.

In this chapter you will learn how to:

- view the timers
- monitor the length of your calls
- set and view the resettable timer for long-term monitoring
- program audible timers for your individual needs

Follow these symbols as a guide for using the keys on the side of your phone:



You can also use your phone's  and  keys to scroll through the menu system.

Getting to Call Timers

1. Press **FCN**, then press **⏮** to enter the menu system.
2. Press **⏮** or **⏭** to scroll to **Timers** and press **⏮** to select.
3. Press **⏮** or **⏭** to scroll to the following features, and press **⏮** to select.

Shortcut:

Press **RCL**
▶ **# ▶** for
a quick look at
this timer.

Viewing the Individual Call Timer

You can view the air-time of the most recent call or the call in progress (in minutes and seconds) at any time. The Individual Call Timer resets when you place the next call and when you turn the phone off.

1. Follow the steps in the “Getting to Call Timers” block above to select **Individual XX YY**. The display shows the air-time of your last call in minutes (XX) and seconds (YY).
2. Press **END** to exit, or scroll to other features.

You can also choose to have the timer display while calls are in progress. See “Displaying the Individual Timer Automatically” on page 72.

Viewing the Resettable Call Timer

You can track how much air time you have accumulated at any time.

1. Follow the steps in “Getting to Call Timers” above to select **Resettable XXXXX**. The display shows your air time in minutes (XXXXX) since you last reset the timer.
2. Press **END** to exit, or scroll to other features.

Follow the instructions in “Resetting the Timer” on page 71 to reset the timer.

Shortcut:

Press **RCL**
▶ **# ▶**
▶ for a
quick look at
this timer.

Viewing the Cumulative Timer

This is a non-resettable timer that keeps track of your phone's total air time (in minutes).

1. Follow the steps in "Getting to Call Timers" on page 70 to select **Cumulative XXXXX**. The display shows your air time in minutes since your phone was activated.
2. Press **END** to exit, or scroll to other features.

Resetting the Timer

By resetting the resettable call timer at the beginning of each billing cycle, you can keep a running tab of your monthly usage. After you reset the timer, it continues to keep track of your air time (in minutes) until you reset it again.

1. Follow the steps in "Getting to Call Timers" on page 70 to select **Resettable XXXXX**. The display shows your air time in minutes (**XXXXX**) since you last reset the timer.
2. Press **↓** to scroll to **Reset Timer**.
3. Press **↓** to reset the timer.
4. Press **END** to exit, or scroll to other features.

Shortcut:

Press **RCL**



for a quick look at this timer.

Getting to Call Timers

1. Press **FCN**, then press **⏮** to enter the menu system.
2. Press **⏮** or **⏭** to scroll to **Timers** and press **⏮** to select.
3. Press **⏮** or **⏭** to scroll to the following features, and press **⏮** to select.

Displaying the Individual Timer Automatically

Tip:

Activating the Individual Timer may reduce both standby and talk times.

When you turn this feature on, your phone automatically displays your air time in minutes (XX) and seconds (YY) during and after each call.

1. Follow the steps in “Getting to Call Timers” above to select Individual Timer. You will see Individual Timer Off or Individual Timer On.
2. Press **⏮** to toggle between Individual Timer Off and Individual Timer On.
3. Press **END** to exit, or scroll to other features.

Setting the One-Minute Audible Timer

Activate this feature to hear an audible beep 10 seconds before the end of every minute during a call. The party on the other end does not hear the beeps.

1. Follow the steps in "Getting to Call Timers" on page 72 to select **One Minute Timer**. You will see **One Minute Timer Off** or **One Minute Timer On**.
2. Press **⏮** to toggle between **One Minute Timer Off** and **One Minute Timer On**.
3. Press **END** to exit, or scroll to other features.

Getting to Call Timers

1. Press **FCN**, then press **0** to enter the menu system.
2. Press **0** or **0** to scroll to **Timers** and press **0** to select.
3. Press **0** or **0** to scroll to the following features, and press **0** to select.

Setting the Repeating Audible Timer

You can set this timer to beep during your calls at an interval that you select—from 11-999 seconds. You will hear the beep 10 seconds before the end of each interval, but the party on the other end does not hear the beeps.

1. Follow the steps in “Getting to Call Timers” above to select **Repeat Timer**. You will see **Repeat Timer Off** or **Repeat Timer On**.
2. Press **0** to toggle between **Repeat Timer Off** and **Repeat Timer On**.
3. If you turned the timer off, skip to step 5.


or

Enter the number of seconds you would like between audible beeps. You will see **Beep At YYY Secs**.

4. Press **0** to set the timer. The phone confirms the setting by displaying **Set At YYY Secs**.
5. Press **END** to exit, or scroll to other features.



Setting the Single Timer

Use the Single Timer to sound a beep during calls at a specified interval—from 11-999 seconds. The beep sounds 10 seconds before the interval but can't be heard by the other party.

1. Follow the steps in "Getting to Call Timers" on page 74 to select **Single Timer**. You will see **Single Timer Off** or **Single Timer On**.
2. Press  to toggle between **Single Timer Off** and **Single Timer On**.
3. If you turned the timer off, skip to step 5.

or

Enter the number of seconds you would like between audible beeps. You will see **Beep At YYY Secs.**

4. Press  to set the timer. The phone confirms the setting by displaying **Set At YYY Secs.**
5. Press  to exit, or scroll to other features.

Road Map for Tone Controls

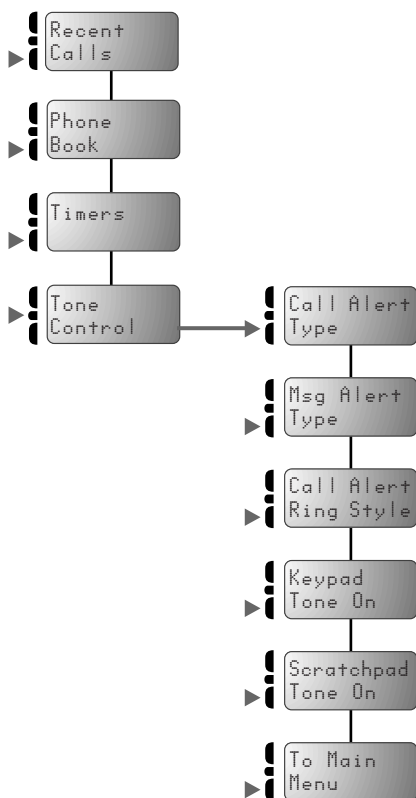
To enter the menu system:

Press **FCN**, then press **0**.








or

Press **FCN** **1 menu**.

Start:




Getting to Tone Controls

1. Press **FCN**, then press  to enter the menu system.
2. Press  or  to scroll to **Tone Control** and press  to select.
3. Press  or  to scroll to the following features, and press  to select.

Shortcut:

Press **FCN**

 to toggle the VibraCall[®] Alert function on and off.

Selecting Call Alert Type

Using this feature, you can choose to be alerted to incoming calls using the vibrating alert, the ringer, both, or neither. Ring Only is the default.

In particular, the VibraCall[®] Alert vibrating alert is ideal for situations where ringing may not be appropriate, or in noisy places where you might not hear the ringer.


When both the ringer and vibrating alerts are selected, the phone alerts you by vibrating for three cycles and then ringing.





Notes:



- Although you set your call alert type below, the selection is temporarily suppressed if Pager Mode is enabled. See “Activating Pager Mode” on page 96 for details.
- When your phone is connected to an external power supply and you receive an incoming call, your phone will ring, regardless of the call alert setting.

To select an alert type, complete the following steps:

1. Follow the steps in “Getting to Tone Controls” above to select **Call Alert Type**. The display shows your current alert type setting.

2. Press  or  to scroll through your choices:





Ring Only	
Vibrate Only	
Ringer On Vib On	
Ringer Off Vib Off	

3. Press  when you reach the setting you want.
4. Press  to exit, or scroll to other features.


Selecting Message Alert Type


Using this feature, you can choose to receive an alert to incoming voice mails and short messages using the VibraCall[®] alert, beeping alert, or no alert.

The beep tone and vibrating patterns differ if the incoming message is marked urgent versus normal. You will receive one beep for a normal message and three beeps for an urgent message.

1. Follow the steps in “Getting to Tone Controls” on page 78 to select Message Alert Type.
2. Press  or  to scroll through your choices: Messages Beep, Messages Vibrate, and Beep Off Vib Off. Messages Beep is the default setting.
3. Press  when you reach the setting you want.
4. Press  to exit, or scroll to other features.

Shortcut:

Press 

 to toggle among the Message Alert and Call Alert types.

Getting to Tone Controls

1. Press **FCN**, then press **⏮** to enter the menu system.
2. Press **⏮** or **⏭** to scroll to **Tone Control** and press **⏮** to select.
3. Press **⏮** or **⏭** to scroll to the following features, and press **⏮** to select

Selecting a Ring Style

Your phone lets you select any of nine different ring styles. After you choose a style, the phone gives you a brief sample of the new ring style, or vibrates if you have selected the VibraCall[®] Alert feature.

1. Follow the steps in “Getting to Tone Controls” above to select **Call Alert Ring Style**.
2. Press **1 menu** through **9 wxyz** to hear the different ring styles, or scroll through the ring styles. **Ring Style 1** is the default setting.
3. Press **⏮** when you reach the ring style you want.



The display will show **Ring Style X Set**.

4. Press **END** to exit, or scroll to other features.

Turning Keypad Tones On and Off



Keypad tones are the sounds you hear when you press any key on the phone. By default, keypad tones are turned on. If you want to be discreet, use this feature to silence the audio feedback from the keypad.

Note: The other party still hears tones.

1. Follow the steps in “Getting to Tone Controls” on page 80 to select Keypad Tone. You will see Keypad Tone On or Keypad Tone Off.
2. Press  to toggle between Keypad Tone On and Keypad Tone Off.
3. Press  to exit, or scroll to other features.

Turning Scratchpad Tones On and Off

Scratchpad tones are the tones that your phone sends to access automated calling systems like Voice Mail. By default, scratchpad tones are turned on. If you don't want your party to hear these sounds when you use the scratchpad, turn the scratchpad tones off.

1. Follow the steps in “Getting to Tone Controls” on page 80 to select Scratchpad Tone. You will see Scratchpad Tone On or Scratchpad Tone Off.
2. Press  to toggle between Scratchpad Tone On and Scratchpad Tone Off.
3. Press  to exit, or scroll to other features.

Note: If you turned the scratchpad tones off but want to access a tone-activated system like Voice Mail, place the call, enter the numbers you need to transmit, then:

Press   to send the tones.

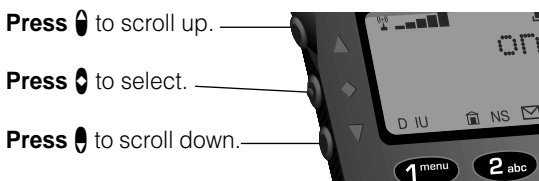
Using Lock/Security Features



While you probably would not want to leave your phone unattended, your digital phone has a number of built-in security features to prevent unauthorized use.

In this chapter you will learn how to:

- activate the Voice Privacy feature
- lock and unlock your phone
- place priority calls
- change your lock code
- restrict call placement and memory access
- reset or clear your phone's settings

Follow these symbols as a guide for using the keys on the side of your phone:



You can also use your phone's  * and  # keys to scroll through the menu system.

Road Map for Lock Security

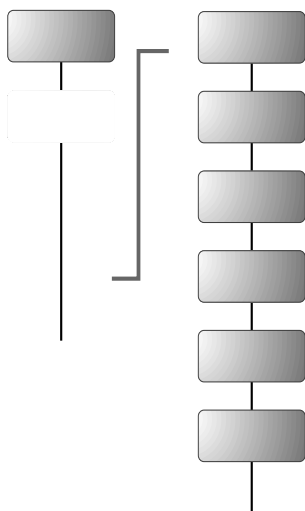
To enter the menu system:

Press **FCN**, then press **↕**.

or

Press **FCN** **↑ menu**.



Start:



Locking/Unlocking Your Phone





Locking Your Phone Automatically

When you turn this feature on, your phone automatically locks itself each time you turn it off.

1. Follow the steps in “Getting to Lock Security” on page 84 to select **Automatic Lock**. You will see **Automatic Lock Off** or **Automatic Lock On**.
2. Press  to toggle between **Automatic Lock Off** and **Automatic Lock On**.
3. Press  to exit, or scroll to other features.

Locking Your Phone Manually


You can lock your phone manually at any time to prevent unwanted use. Once you lock the phone, it remains locked whether it is powered on or off.

1. Press .
2. Press and hold  for at least one full second. You will see **Lock?**.
3. Press  or  to lock. You will see **Locked**.

Unlocking Your Phone

To unlock your phone:



Once your phone is on, **enter your three-digit lock code** to unlock your phone. (See “Viewing and Changing the Lock Code” on page 87 for more information on your lock code.)

Tip: “**LOCK**” is printed on the  key, as a reminder.

Tip: If you forget your lock code, try pressing  the last three digits of your cellular phone number.

Answering Calls While the Phone Is Locked

You can still receive calls when the phone is locked. To answer an incoming call:



1. Enter your three-digit lock code.
2. Press and hold , or press  to receive the call.

Activating Priority Calling

Priority Call allows the Turbo Dial® function to dial from memory location 01—even when the phone is locked. You can store an emergency number or the number of someone you would like to contact in case of emergency.

Note: Some cellular systems have their own emergency numbers and deny access to emergency numbers like 911 (not available in some areas). Check with your Service Provider for more information.

By default, Priority Call is activated. To turn it off or to switch it back on, complete the following steps:

1. Follow the steps in “Getting to Lock Security” on page 84 to select Priority Call. You will see Priority Call Off or Priority Call On.
2. Press  to toggle between Priority Call Off and Priority Call On.
3. Press  to exit, or scroll to other features.

Getting to Secure Options

1. Press **FCN**, then press **⏏** to enter the menu system.
2. Press **⏏** or **⏏** to scroll to **Lock Secure** and press **⏏** to select.
3. Press **⏏** or **⏏** to scroll to the **Secure Options** submenu, and press **⏏** to select.
4. Enter your **six-digit security code**, scroll to the following features, and press **⏏** to select.

Viewing and Changing the Lock Code

For your protection, you must enter the six-digit security code to access the features that your phone contains. The factory-programmed lock code for unlocking the phone is 123. The six-digit security code is 000000. These may have been changed when your phone was activated.

Viewing the Lock Code

To display the active three-digit lock code:

1. Follow the steps in “Getting to Secure Options” above to select **View Lock Code**. You will see **View Lock Code**.
2. Press **⏏** to display your three-digit lock code. The code appears for a few seconds.
3. Press **END** to exit, or scroll to other features.

Changing the Lock Code

To change your three-digit lock code:

1. Follow the steps in “Getting to Secure Options” above to select **Change Lock Code**. You will see **Enter Code** ____.
2. Enter the new three-digit code. You will see **Changed To XXX**.

3. Press **END** to exit, or scroll to other features.

Note: If you try to change your lock code to 911 or the first three digits of an emergency number, you will see `Code Invalid`, and the code you entered **will not** be accepted. You will return to step 1 above.

Restricting Call Placement

You may want to restrict call placement or hide memory information when loaning your phone to others.

Selecting a Service Level

1. Follow the steps in “Getting to Secure Options” on page 87 to select `Service Level`. The phone displays your current service level. Refer to the chart on the next page.
2. Press **▲** or **▼** to scroll through the service level settings, and press **○** to select the service level you want.

If you select Level 7, the phone prompts you for the range of memory locations you want to remain active. You will see `Range 1-__`.

Enter the range of digits memory locations from which calls are allowed. The phone confirms the allowed range, and you will see `1-XX Allowed`.

3. Press **END** to exit, or scroll to other features.

Service Level Settings

Each of your phone's eight service levels offers a different combination of access privileges and restriction.

Note: Caller Line ID is an optional network and subscription feature that is not available in all areas.

Level	Description	Display
1	<ul style="list-style-type: none">• Calls can be placed from memory locations 1-10 only.• No dialing from keypad• No memory edit or storage• No access to name directory• No access to last number dialed	1 Memory 1-10
2	<ul style="list-style-type: none">• Calls can be placed from all memory locations.• No dialing from keypad• No memory edit or storage• No access to Caller Line ID stack or Last Number Dialed	2 Memory Only
3	<ul style="list-style-type: none">• Calls can be placed manually from the keypad only.• No access to memory information• No memory edit or storage• No access to Caller Line ID stack or Last Number Dialed	3 Keypad Only
4	Standard setting, no restrictions	4 Standard Setting
5	Seven-digit (local) dialing only	5 Local Only

Level	Description	Display
6	<ul style="list-style-type: none"> • Calls can be placed from the keypad and from memory. • No edit or memory storage to memory locations 1-10 	6 No Store 1-10
7	<ul style="list-style-type: none"> • Calls can be placed from a selected memory range only. • Memory edit and storage allowed with the selected range. • No access to name directory 	7 Allow Range
8	No edit, storage, or recall from memory locations 1-9	8 Hide Turbo

Getting to Secure Options...

1. Press **FCN**, then press **⏏** to enter the menu system.
2. Press **⏏** or **⏏** to scroll to **Lock Secure** and press **⏏** to select.
3. Press **⏏** or **⏏** to scroll to the **Secure Options** submenu, and press **⏏** to select.
4. Enter your **six-digit security code**, scroll to the following features, and press **⏏** to select.

Resetting All Options

Use the Master Reset feature to reset all user-selectable options back to their original factory settings.

Note: Once you select this feature, the reset process cannot be canceled or reversed.

1. Follow the steps in “Getting to Secure Options...” above to select **Master Reset**.
2. Press **⏏** if you want to reset all your phone’s options back to their factory settings. You will see **Standard Setting**.

or

Press **END** to exit the menu if you do not want to reset your phone’s options.

3. Press **END** to exit, or scroll to other features.

Clearing All Stored Information

If you want to start over, use Master Clear to reset all user-selectable options, clear the resettable timer, and erase all Phone Book information.

Note: Once you select this feature, the process cannot be canceled or reversed.

1. Follow the steps in “Getting to Secure Options...” on page 91 to select **Master Clear**.
2. Press **0** to clear the memory and reset all your phone's options back to their factory settings. You will see **Busy**. (This takes a few seconds.)

or

Press **END** to exit the menu if you do not want to reset your phone's options.

3. Press **END** to exit, or scroll to other features.

Customizing Phone Options



The Phone Options menu lets you customize the way your phone sends and receives calls.

You can tune your phone for optimal performance, view information about the phone, and choose from a number of convenient features.

In this chapter you will learn how to:

- activate pager mode
- switch between analog or digital mode
- view your own phone number
- switch cellular phone numbers
- review your phone's feature settings
- select features for vehicular use
- conserve battery power
- display your system identification
- select a language

Follow these symbols as a guide for using the keys on the side of your phone:

You can also use your phone's  and  keys to scroll through the menu system.

Road Map for Phone Options

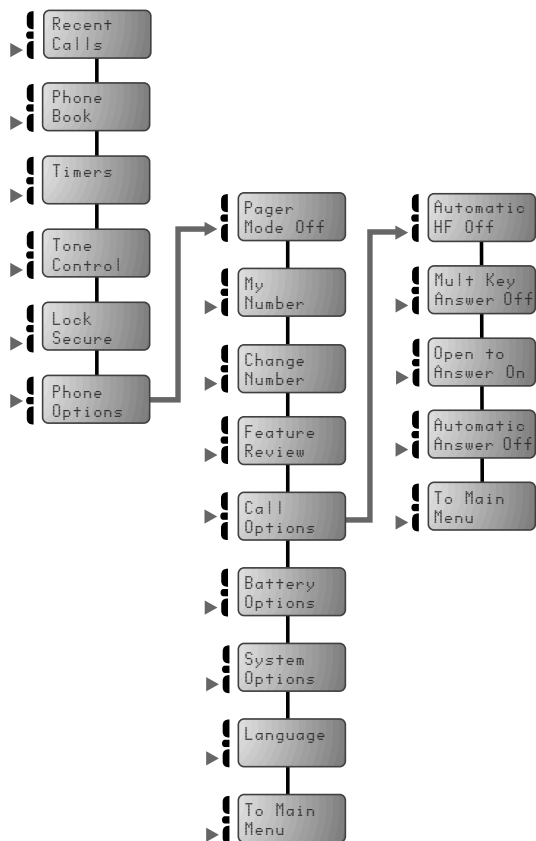
To enter the menu system:

Press **FCN**, then press **↓**.

or

Press **FCN** **↑ menu**.

Start:



Getting to Phone Options

1. Press **FCN**, then press **0** to enter the menu system.
2. Press **0** or **0** to scroll to **Phone Options** and press **0** to select.
3. Press **0** or **0** to scroll to the following features

Tip: When Pager Mode is active, **FCN** **8** **vib** **tuv** only toggles the Message Alert Type settings. **FCN** **8** **vib** **tuv** has no effect on the Call Alert Type settings.

Activating Pager Mode

When Pager Mode is activated, the phone simulates a pager. Pager Mode suppresses incoming call alerts but leaves message alerts active. The following conditions occur:

- Voice call alerts are suppressed.
- Message alerts are allowed.
- The Open to Answer function is turned off.
- The Automatic Answer function is turned off.
- The Call Alert Type, Open to Answer, and Automatic Answer menus cannot be accessed.

By default, Pager Mode is turned off. Complete the following steps to turn Pager Mode on and off.

1. Follow the steps in “Getting to Phone Options” above to select **Pager Mode On/Off**. The display shows your current Pager Mode setting.
2. Press **0** to toggle between Pager Mode on and off.
3. Press **END** to exit, or scroll to other features.

Viewing Your Own Number







Use this feature to view your phone's currently active phone number. If you have more than one phone number, you can change the active number with the Change Number feature in the Phone Options menu. (See "Switching Between Numbers" on page 98.)

1. Follow the steps in "Getting to Phone Options" on page 96 to select **My Number**.
2. Press **OK** to view your own phone number.
Your active phone number appears on the screen. After six seconds, the phone returns to step 1.
3. Press **END** to exit, or scroll to other features.

Shortcut:

Press **RCL** **#** **▶** for a quick look at your phone number.

Getting to Phone Options



1. Press **FCN**, then press  to enter the menu system.
2. Press  or  to scroll to **Phone Options** and press  to select.
3. Press  or  to scroll to the following features

Switching Between Numbers

Your phone can operate on two different home systems. If you travel often, you can have your phone programmed with two cellular numbers to reduce roaming. This feature allows you to change your active number to the one appropriate for the area you are in.

When your phone has two numbers, both are designated as your home system but only one number can be active at any given time. Calls are placed and received by the currently active number only. Each time you turn your phone on, you'll see a message in the display that indicates which phone number and home system are currently active.





To switch your phone number:

1. Follow the steps in "Getting to Phone Options" above to select **Change Number**. The active phone number appears in the display (for example, 5155551515).
2. Press  to switch to your other phone number (for example, 7085551212).
3. Press  to confirm the new setting.
4. Press **END** to exit, or scroll to other features.


Reviewing Feature Settings

Use this feature to review the changes you've made to feature settings.

Note: While scrolling through Feature Review, you can only review settings. You cannot change them.

1. Follow the steps in "Getting to Phone Options" on page 98 to select **Feature Review**.
2. Press  or , or press  or , to scroll through features you changed from their default settings.

If all of the features are set to the factory standard settings, the display shows **Standard Setting**.

3. Press  to exit the menu.

Getting to Call Options

1. Press **FCM**, then press **⏮** to enter the menu system.
2. Press **⏮** or **⏭** to scroll to **Phone Options** and press **⏮** to select.
3. Press **⏮** or **⏭** to scroll to the **Call Options** submenu, and press **⏮** to select.
4. Press **⏮** or **⏭** to scroll to the following features.

Activating Automatic Hands-Free

Turn this feature on when you are using Hands-Free vehicular accessories.

Note: The use of wireless telephones and their accessories (devices) may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these devices.

To find out more about accessories for your vehicle, refer to “Accessory Options” on page 116.

1. Follow the steps in “Getting to Call Options” above to scroll to **Automatic HF**. You will see **Automatic HF On** or **Automatic HF Off**.
2. Press **⏮** to toggle between **Automatic HF On** and **Automatic HF Off**.
3. Press **END** to exit, or scroll to other features.

Activating Multiple Key Answer

Turn on the Multiple Key Answer feature to answer calls by pressing the Smart Button, any key on the upper keypad **1** menu - **#** >, or the upper and lower volume keys.

1. Follow the steps in “Getting to Call Options” on page 100 to scroll to Mult+ Key Answer. You will see Mult+ Key Answer On or Mult+ Key Answer Off.
2. Press **0** to toggle between Mult+ Key Answer On and Mult+ Key Answer Off.
3. Press **END** to exit, or scroll to other features.

Getting to Call Options

1. Press **FCN**, then press **↓** to enter the menu system.
2. Press **↓** or **↑** to scroll to **Phone Options** and press **↓** to select.
3. Press **↓** or **↑** to scroll to the **Call Options** submenu, and press **↓** to select.
4. Press **↓** or **↑** to scroll to the following features.

Deactivating Open to Answer

The Open to Answer feature allows you to set whether or not your phone automatically answers when opened. With Open to Answer set to off, you can open the phone to see the message in the display and then answer by pressing **SEND** or **↓**.

Notes:

- To view Caller ID information prior to answering a call, you must turn off the Open to Answer feature.
- You cannot access the Open to Answer setting while the Pager Mode feature is active.

To toggle the Open to Answer feature, complete the following steps:

1. Follow the steps in “Getting to Call Options” above to scroll to **Open to Answer**. You will see **Open to Answer On** or **Open to Answer Off**.
2. Press **↓** to toggle between **Open to Answer On** and **Open to Answer Off**.



Note: The Open to Answer function cannot be accessed when in Pager Mode.

3. Press **END** to exit, or scroll to other features.

Activating Automatic Answer

Turn Auto Answer on to have your phone automatically answer incoming calls after two rings.

Note: Auto Answer does not work if the keypad cover is closed or if Pager Mode is activated. However, the Auto Answer will work with the headset while the keypad cover is closed.

1. Follow the steps in “Getting to Call Options” on page 102 to scroll to Automatic Answer. You will see Automatic Answer On or Automatic Answer Off.
2. Press  to toggle between Automatic Answer On and Automatic Answer Off.
3. Press  to exit, or scroll to other features.

Tip: If the ringer and VibraCall® alert are off, the phone answers without ringing or vibrating.

Getting to Phone Options

1. Press **FCN**, then press **⏏** to enter the menu system.
2. Press **⏏** or **⏏** to scroll to **Phone Options** and press **⏏** to select.
3. Press **⏏** or **⏏** to scroll to the following features.

Selecting Battery Options— Status Light

This feature enables you to turn off the Power/Status Indicator. Turn this mode on to increase talk or standby times.

1. Follow the steps in “Getting to Phone Options” above to select the **Battery Options** sub-menu. You will see **Status Light On** or **Status Light Off**.
2. Press **⏏** to toggle between **Status Light On** and **Status Light Off**.
3. Press **END** to exit, or scroll to other features.

Displaying System Identification

This feature shows the System ID number that identifies the cellular system your phone is currently accessing. An even number indicates a wireline system, while an odd number indicates a non-wireline system.

1. Follow the steps in “Getting to Phone Options” above to enter the **System Options** sub-menu. You will see **Display SID**.
2. Press **⏏** to view the System ID number. After six seconds, the phone goes back to step 2.
3. Press **END** to exit, or scroll to other features.

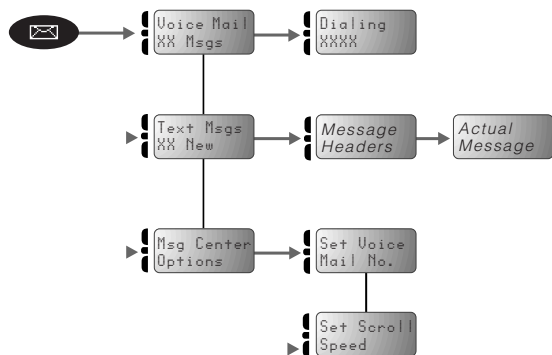
Selecting Language

This feature enables you to select the language in which your phone displays prompts and messages.




1. Follow the steps in “Getting to Phone Options” on page 104 to select the **Language** sub-menu.
2. Press **↓** to scroll through the available language options.
3. Press **↓** to select the language setting you want.
4. Press **END** to exit, or scroll to other features.

Road Map for Message Center

Start:



Getting to Voice Mail

1. Press  to enter the message center.
2. Press  or  to scroll to **Voice Mail**.

Voice Mail Alerts

This feature updates you each time a message is sent to your voice mail number, providing you with real-time information on messages waiting to be retrieved.

When a voice mail message is received,

- Voice Mail Alerts

Reading Text Messages

Some Service Providers let you subscribe to a Short Message Service (SMS), which allows you to receive alphanumeric messages on your digital phone, just like a pager. Contact your Service Provider for information about the availability of messaging in your area.


SMS enables your phone to save up to 15 short messages, each up to 80 characters in length, or five full-length 239-character messages.

When received, the newest messages replace the oldest. You can store Call Back messages and numbers for later review. The one-touch Message Button makes viewing your messages easy.


How Your Phone Receives Message Alerts

New Message Alerts




When your phone is on and receives a new digital message, it alerts you in either of two ways:

- `Message Received` appears in the display, and:
 - The message icon  appears.
 - The phone beeps three times or vibrates once.

or

- `Urgent Msg Received` or `EMERGENCY MSG RECVD` appears in the display, and:
 - The message icon  appears.
 - The phone beeps five times or vibrates three times.

Getting to Text Messages



1. Press  to enter the message center.
2. Press  or  to scroll to **Text Msgs**.

Short Message Indicators

If the sender has marked the message “Emergency” or “Urgent,” the display shows the message content on the first line and either *Urgent* or *Emergency* on the second line. The message number appears in the upper right of the display.



Selecting and Reading Short Messages


1. Follow the steps in “Getting to Text Messages” above.
 - If the message center has messages, you will see *Text Msgs XX New*, where *XX* is the number of unread messages.



The total number of messages stored appears in the upper right of the display.
 - If the message center has no messages, you will see *Text Msgs Empty*, and *00* will appear in the upper right portion of the display.
2. Press  or  to view the message headers.





If the message center is full, you will see *Msg Memory Full* displayed for two seconds prior to viewing the message headers.
3. Now you can scroll through a list of message headers. Each header includes:

- the message number
- its urgency
- the beginning of the message text

Press  or  to scroll forward or backward through the list of message headers. The newest message is placed at the top of the list, and the oldest message is at the bottom.



4. Press  to select and view a message. First, the time and date stamp is displayed for two seconds, and then the message text appears, starting on the top line.

Press  to halt the display of the message text. Press  again to restart it.

5. After reading a selected message, press  or  to scroll through the list of message headers.
6. Press  or press and hold  to exit, or scroll to other features.

Initiating a Call Back

When the current message has scrolled across the display, you can call back a number embedded in the text message.



1. Press and hold , or press  to initiate a Call Back, if a Call Back number was included in the message.

You will see Dial No. XX?, where XX is the call back number.

If a Call Back number was not included in the text message, the phone dials the first number present in the text message.

2. Press , or press  to dial the number shown.

or

Press  or  to search the text message for the next call back number.

Note: While in the message center, you can enter a Call Back number at any time by using the keypad, and then pressing **SEND** to place the call.

Locking and Unlocking a Message

You can lock important messages to ensure their safekeeping for later review. A locked message cannot be deleted until the message is unlocked.

Press **FCIN** **5 lock/unl**, to toggle the current message between locked and unlocked.

Msg Locked is displayed when a message is locked.

Note: If your message memory is full and a new message is received, the oldest unlocked message that has been read is deleted.

Clearing Messages

Clearing the Current Message

1. Press **CLR** when the message you want to erase is on the display.

You will see Clear Message?, where the number of the message you will clear is shown in the upper right portion of the display.

2. Press **OK** or **STD** to clear the message.

You will see Message Cleared.

or

Press **END** or any other key if you do not wish to clear the message. You will see Msg NOT Cleared.

Note: You must unlock a locked message before you can clear it. For more information, see “Locking and Unlocking a Message” above.

Clearing All Messages

To erase all the messages from your Message Center at once:

1. Press and hold **CLR** when you are in the message center.

You will see `Clear All?`.

2. Press **Y** or **STO** to verify that you want all the messages cleared.

or







Press **END** if you decide not to clear all the messages. You are returned to the message center.

3. Press **END** to exit from the message center.

If all messages have been cleared and no locked messages remain in the message center, `Msg Center Empty` appears in the display.

Note: You must unlock any locked messages before they can be cleared. For more information, see “Locking and Unlocking a Message” on page 112.


Getting to Message Center Options

1. Press  to enter the message center.
2. Press  or  to scroll to **Msg Center Options** and press  to select.
3. Press  or  to scroll to the following features.

Editing the Voice Mail Number

This feature allows you to save your voice mail access number.

Note: When you receive your phone, the default voice mail number is your phone number.


1. Follow the steps in “Getting to Message Center Options” above.
2. Press  to select **Set Voice Mail No.**
3. Enter your voice mail number.

The digits appear as you enter them.

4. Press  or .






A message confirms that your number has been saved.

Note: If you subscribe to a system that provides a shortcut number for voice mail, enter the complete number—not the shortcut number.

5. Press  to exit, or scroll to other features.

Setting the Scrolling Speed

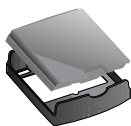
To adjust the scrolling speed of your incoming messages:

1. Follow the steps in “Getting to Message Center Options” on page 114.
2. Press  to select the Set Scroll Speed option.
3. Press  or  to scroll through scrolling speed settings:
 - Slow Scrolling
 - Medium Scrolling
 - Fast Scrolling
4. Press  to select a scrolling speed.
5. Press  to exit, or scroll to other features.

Reference Information

Accessory Options

An exciting line of Motorola accessories, now smaller and lighter than ever, can enhance and personalize your cellular experience.



Lithium Ion Batteries

Motorola's Lithium Ion (LiION) batteries are high-energy density batteries that offer increased capacity and are lighter in weight than similar sized Nickel Cadmium and Nickel Metal Hydride batteries.

Vehicle Power Adapter

With the vehicle power adapter, you can power your phone and charge your phone's battery directly from your vehicle's cigarette lighter! In some vehicles, the engine must be running in order for the cigarette lighter to operate.

Desktop Charger (AC Adapter required)

The desktop charger is designed for optimal performance and compatibility with Motorola's new generation of cellular telephones. The desktop charger's pocket can charge batteries while they are attached to or separate from your phone. Now it is easy to rotate batteries and always have a charged spare.

Charger Insert

The charger insert allows you to make an existing Motorola charger base compatible with your new Timeport phone.



Holster

Your digital phone is so small and light, it is positively wearable. Slip it in and clip it on—for the ultimate in high-tech fashion.

Notes:

- The holster is designed for your convenience and is not meant to secure your phone under all circumstances.
- For body-worn use, keep the antenna at least one inch from your body when transmitting.



Headset



The convenient headset provides both an earphone and microphone in one small piece for simple hands-free and private telephone conversations. The headset plugs directly into the jack on the top of your phone, so that you can wear your phone and move freely. Place the foam cover on the earpiece for a more comfortable fit.

Note: Certain features including VibraCall® alert will not operate on select StarTAC TDMA or analog phones.

Accessory Limited Warranty Information

We recommend that you use Motorola original batteries and accessories. Under its limited cellular telephone warranty, Motorola specifically disclaims any responsibility for damage caused by the use of portable cellular telephone accessories not manufactured by Motorola.

For details on the complete line of Motorola cellular accessories, see your dealer or visit our Web site at <http://www.motorola.com/>.

Troubleshooting

Question	Answer
I pressed the power button, but nothing happened. What's wrong with my phone?	<p>Be sure to press and hold the power button until the display appears and you hear an audible alert. If nothing still happens, check that you have installed a battery and that the battery is charged. For more information about batteries and charging see the sections on batteries starting with "Installing and Removing Batteries" on page 20.</p>
My battery didn't last as long as I expected. What can I do to extend battery life?	<p>Your battery's "talk-time" and "standby-time" are relative measurements of the battery's capacity. The more you talk on the phone, the less standby-time you have, and vice versa.</p> <p>To get the most from your battery, allow it to charge fully. To charge the battery to 100% of its capacity, leave it in the charger for an extra hour after the charger's light turns green.</p> <p>You can also turn off the Power/Status Indicator to extend battery life.</p> <p>Certain features demand power from your battery and reduce battery life. If you have selected the Automatic Display of Individual Call Timer feature, the display uses battery power to remain active during each call. Turn this feature off to conserve battery energy. (See "Displaying the Individual Timer Automatically" on page 72 for more information on this feature.)</p> <p>Use only batteries that are compatible with your phone.</p> <p>Exposing your battery to extreme temperatures—below -10°C (14°F) or above 45°C (113°F)—can shorten battery life. Batteries are especially sensitive to high temperature extremes. As a good rule, always take your phone with you when you leave your car.</p>
The display says, "Locked." How do I unlock my phone?	<p>Enter the last three digits of your cellular number. If that doesn't work, use the factory preset lock code: 123. If all else fails, call your service provider (the company that sends you your monthly cellular bill). (See "Locking/Unlocking Your Phone" on page 85 for more information on Security Features.)</p>

Question	Answer
I tried to place a call and received a fast busy signal.	The cellular system did not process your call. For example, the cellular system may be overloaded with call attempts. To redial, press SEND before ending your call attempt, or press END and try the call again later. (See “Redialing a Number” on page 36.)
I tried to place a call and received an alternating high/low tone.	Your call did not reach the cellular system. You may have dialed the number too soon after turning the phone on. Wait until the “NS” light stops blinking before placing a call. An alternating tone may also indicate that your phone’s signal is blocked. Be sure you’re clear of any obstructions such as bridges, parking garages, or tall buildings.
I tried to listen to my Voice Mail (or use a paging service, a calling card, etc.) but nothing happened.	You may have turned off the Scratchpad tones. Place your call, enter the access numbers when prompted by the recording, then press RCL SEND . To avoid this problem in the future, follow the directions “Turning Scratchpad Tones On and Off” on page 81 to turn the Scratchpad tones on.
My phone was stolen. What should I report and to whom?	Report a stolen phone to the police and to your service provider (the company that sends you your monthly cellular service bills).
I tried to place a calling card call using the internal Phone Book, but it didn’t work.	You may have turned off your Scratchpad tones. Follow the directions in “Turning Scratchpad Tones On and Off” on page 81 to turn the Scratchpad tones on. Check that you stored your calling card information in the correct order, and make sure the groups of numbers are separated by pauses. The easiest way to correct the sequence may be to start from scratch. Follow the instructions on “Storing Calling Card Information” on page 61, enter your calling card information again, and store it in the same memory location as your previous attempt. Also keep in mind that when using your calling card, you must enter the number you are calling with the area code, but without the initial “1.” Check with your long distance carrier for details on using your calling card.

Glossary

A

AC adapter An accessory device that allows you to power your phone and charge any attached batteries from a wall outlet.

AMPS (Advanced Mobile Phone System) A cellular technology that operates on 832 channels.

accessory connector port A socket on the bottom of the phone where you can attach accessories such as an AC adapter, battery charger, vehicle power adapter, or optional accessories.

air-time The amount of time you spend using a cellular system. Especially, the time between successfully placing a call and terminating a call.

antenna The device attached to your phone that sends and receives cellular signals.

Auto Answer When you activate this feature, your phone automatically answers after two rings. See “Activating Automatic Answer” on page 103.

Automatic Redial When your cellular network cannot handle your call, this feature enables your phone to automatically redial for the next four minutes. See “Redialing a Number” on page 36.

C

Caller Line ID A network/subscription dependent service that allows you to view information on incoming calls before answering. Not available in all areas.

cellular carrier One of multiple competing organizations in a given geographic area that owns and operates a cellular system.

cellular signal The radio waves that carry information between your cellular phone and the cellular system.

cellular system The cellular equipment in a given geographic area that relays signals to and from individual cellular telephones and the landline telephone system.

D

DTMF tones See Dual Tone Multi-Frequency tones.

default A feature's original setting as pre-programmed in the factory.

Dual Tone Multi-Frequency tones The tones that your telephone transmits when you press a key on the keypad. These tones are used to access automated calling systems such as Voice Mail, paging services, banking-by-phone, etc. These tones are also heard by the party on the other line if you use the Scratchpad while a call is in progress. Synonymous with Scratchpad tones or touch tones.

E

emergency call This feature allows you to make an emergency call even if your phone is locked, by dialing 911 or another emergency access number.

F

fringe area The outermost range of a cellular system where signals are weak.

function keys The non-numeric keys on your phone's keypad used to perform specific tasks.

H

home system The local cellular system where you obtain your cellular service.

home type system A cellular system of the same type as your local cellular system.

I

icon One of the variety of symbols used to designate menu features and messages.

indicator A light on your phone that gives you information about your phone's status.

Internal Charger A charger built into your phone for use with an AC adapter or vehicle power adapter. See "Using the Internal Charger" on page 23.

K

Keypad Tones The sounds produced through your phone's speaker when you press the keys. See "Turning Keypad Tones On and Off" on page 80.

L

landline The telephone system used for conventional office and home phones.

Lithium Ion (Lilon) A battery technology used in personal cellular telephones.

lock Use this feature to prevent unauthorized access to your telephone.

lock code A three-digit code used to access your phone once it has been locked. The factory programmed lock code is 123. To view or change your lock code, see “Locking/Unlocking Your Phone” on page 85.

M

memory location A space in the internal Phone Book where you can store a telephone number and a name.

menu feature Any feature that can be accessed through the menu system.

menu system The hierarchical arrangement of your phone’s features that allows for quick, intuitive access. The top-level menu contains: Recent Calls, Phone Book, Call Timers, Tone Control, Lock Security, Phone Options, and Message Center.

Message Center Key Located on the bottom row of the keypad, the dedicated Message Center Key provides quick access to messages and messaging functions. See “Using the Message Center” on page 106.

N

name directory An alphabetical list of the names and telephone numbers you have stored into your phone’s internal Phone Book.

P

pause A special character that tells your phone to “pause” or wait for your input before sending a group of numbers stored in memory.

Pause Dialing A method of storing Phone Book entries that allows you to store multiple strings of numbers in one memory location; useful, for instance, in accessing automated phone systems. See “Storing and Placing Numbers with Pause Dialing” on page 59.

Personal Identification Number (PIN) A private numeric password that protects personal accounts such as bank-by-phone or Voice Mail.

prompt A message requesting input.

R

road map The visual representation of your phone's menu system provided in this user guide.

S

scratchpad tones See Dual Tone Multi-Frequency tones.

scroll To move backward or forward through a list; for example: to move backward or forward through the menu system or the name directory.

security code A six-digit code used to access sensitive features in the Secure Options submenu of the Lock/Security menu.

service provider A company affiliated with a cellular carrier that provides cellular service to its customers.

signal The radio waves that carry information between your phone and the cellular system.

Smart Button The middle key on the side of your phone used to access the Phone Book's name directory, send calls, end calls, enter the menu system, select features, and toggle features on and off.

Speed Dial a feature that enables you to place a number by entering the two-digit location of your number and then pressing and holding the Smart Button.

standby-time The length of time a battery typically lasts if the phone is left on but is not in use.

status indicator See indicator.

submenu A secondary level of your phone's menu system hierarchy.

System Identification A five-digit number that identifies your home cellular system. An even number indicates a wireline system and an odd number indicates a non-wireline system.

T

talk-time The amount of time that you spend talking on the phone.

toggle To switch between two possible options; for example: on versus off.

Turbo Dial[®] keys a feature that enables you to dial numbers stored in memory locations by pressing and holding a single number key.

TDMA (Time Division Multiple Access) TDMA is an efficient method of providing digital cellular communication by allowing several different conversations on the same carrier frequency.

V

vehicle power adapter An accessory device that allows you to power your phone and charge any attached batteries from a car's cigarette lighter.

VibraCall® alert Motorola's silent vibration mode that discreetly alerts you to incoming calls.

Voice Mail Contact your Service Provider for availability.

volume keys Located on the side of your phone, the upper and lower volume keys are used to adjust phone volume.

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Patent Information

Manufactured under one or more of the following U.S. patents:

4121218	4616314	4741034	D306594	5083304	D337332	D354062	D368696
4138681	4617520	4742562	4912602	D324024	5230007	5384825	5510693
4193036	D286778	D295627	4918732	D324388	5230093	D356084	5511235
4254382	4626309	4746242	4922178	5095503	5233633	5402447	D369162
4302845	4628529	D295973	4945570	D325028	5235492	5406146	5513078
4312074	4629829	D295975	4954796	D325583	5237257	5406562	D369359
4327319	4630304	4751737	4959851	5109536	5239127	D357224	5519303
4329666	4630305	D296187	4963812	D325915	5241545	D357457	5519346
4369516	4633141	4761621	4963843	5113436	5241548	5410741	5524276
4369522	4636593	4764737	4965537	5117450	5241650	D357680	5524278
4378603	4636741	D297734	4972355	5121047	5241693	D357681	D370463
4390963	D288432	D297735	4972432	5122480	5242767	5428836	D369359
D269873	4648125	4777564	4972455	5122722	D339582	D359734	5542116
4398265	4649543	Re. 32768	4975808	D327061	5249302	D359735	5544250
4400584	D288683	D299136	4984290	5128834	5251331	D359959	D372481
4400585	4654655	4797929	D314173	D328302	D340710	5432017	5546275
D270835	D289156	4798975	D315330	5142551	5260988	D360632	5546380
D271491	4662691	4800348	D315346	5142696	5261119	5438684	D372896
Re. 31470	4667333	4802236	D315543	5146620	5262710	D361070	5551078
4431977	4668917	4809356	D315559	5148471	5263052	5442680	5559471
4434461	4670747	4811377	D315565	5148473	5276707	5446763	D374424
4455534	4672502	4811404	5004992	5148961	5278994	5448763	D374872
4462098	4680787	4827226	D315907	5150359	D343173	5448771	5572193
D275951	4681476	4827507	5008925	5150384	5280637	5453997	5574976
4484153	4683585	4829274	D316417	5152006	D344087	D362840	5577268
4485486	4692726	4837534	D316859	5157693	5287553	5457744	D375732
4486624	4704588	D301476	5017856	5163159	5287555	5459640	D375733
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4550426	4716391	4876552	5029233	5185566	5361400	5487184	5594778
4551696	4723305	4879533	5031028	5187809	5363071	5488335	5594951
4564821	D294257	D305427	5036532	5193223	5365549	5488649	D377792
D282169	4727306	4896124	5053924	5195106	D352497	D366872	D377934
4571595	4727583	4897873	5057762	5195108	5366826	5493198	5604050
4573017	4730195	D305717	D320780	5201069	D353131	5493714	5606730
4574243	4734635	4904549	5059885	5204977	D353361	5497126	D378366
4585957	4736277	4905288	5060294	5210793	5375143	5497382	5613229
4602218	4737976	4905301	D322783	5214675	D375258	D367640	5613863
D284759	4740794	D306293	D322955	5222104	5379324	5499394	5615233
D285439	4741018	D306441	5081674	5222251	D354055	5506490	5621763

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Other patents pending.