## Welcome

Thank you for choosing Motorola—a global leader in communications technology.

All Motorola cellular phones are designed and manufactured in the United States to meet Motorola's exacting specifications and world-class quality standards. During development, our laboratory testing team took the durable StarTAC™ phone through its paces. They cooked it, steamed it, shook it, shocked it, dusted it, and dropped it—and the phone still worked! We're confident that the StarTAC phone you purchased will meet your own exacting standards.

Enjoy your new StarTAC wearable phone!

## *Manual Overview*

Okay, you've got a brand new phone with a bunch of nifty features.
Now what?
Afraid you'll press the wrong key?
Or forget a feature or two?
Don't sweat it!

We've designed this User's Guide to take you step-by-step through each feature of your new StarTAC™ 3000 phone. We'll show you what key to press and what happens when you press it. Follow along, chapter-by-chapter, and you'll find it's as easy as 1-2-3.

Here's just a sampling of what you'll learn in each chapter:

**Introduction** (begins on page 6)
Let us introduce you to this miracle of miniaturization. In the "Introduction" we'll show you some exciting things about your new StarTAC 3000 wearable cellular phone.

**Getting Started** (begins on page 14)
First things first. We'll explain what came with your phone and show you how to install and charge your battery so that you can get started with "The Basics" in the next section.

**The Basics** (begins on page 22)
What do all those buttons and lights mean? How do I make my first phone call? We'll teach you "The Basics" in this section and get you up and running with your new StarTAC™ phone.

**Using Memory** (begins on page 36)
Spend a little time with "Using Memory" and we'll show you how to make the most of your phone's built-in Phone Book. Plus learn how to dial numbers with the touch of a button.

**The Works** (begins on page 42)
When you're ready to get into the more advanced features your StarTAC 3000 phone has to offer, just turn to "The Works." Learn about everything from navigating the Feature Menu to viewing your Caller IDs*.

So relax! Let us show you what your StarTAC 3000 phone can do!

* Contact your Service Provider for availability.

***Contents***

**Introduction**

What's New . . . . . 6

Highlights . . . . . 8

Safety Information . . . . . 9

**Getting Started**

Package Contents . . . . . 14

Installing and Charging . . . . . 15

Installing the Battery . . . . . 16

Charging the Battery . . . . . 18

Battery Information . . . . . 20

**The Basics**

Phone Overview . . . . . 22

Using the Phone . . . . . 24

Reading the Indicators . . . . . 26

Placing and Ending Calls . . . . . 29

Receiving Calls . . . . . 30

Redialing Numbers . . . . . 33

Tone Controls . . . . . 34

**Using Memory**

Introduction . . . . . 36

Storing . . . . . 38

Recalling . . . . . 39

**The Works**

Introducing the Feature Menu . . . . . 42

The Internal Phone Book . . . . . 44
*Learn how to use advanced memory features*

Using Call Timers . . . . . 50
*Learn how to keep track of your air-time*

Lock/Security Features. . . . . 56
*Learn how to restrict access to your phone*

Phone Options . . . . . 64
*Learn how to fine tune your phone's operation*

Using Messaging . . . . . 78

**Reference Information**

Accessory Options. . . . . 84

Glossary . . . . . 86

Index . . . . . 92

# What's New?

What would you say to a telephone that's smaller than your wallet? Hard to believe… if you hadn't already seen it with your own eyes. The company that brought you the world's first commercially available portable cellular telephone has done it again!

Motorola is proud to present the second generation of wearable phones. Breakthrough technologies bring you a phone so innovative it challenges the status quo. Just look what's in store:

**Miniaturized Batteries**

StarTAC™ brand phone batteries are more portable than ever…

Get the same talk-time with less weight than previous Motorola cellular phone batteries.

Easily carry a spare battery—or two!

**Incredible Portability**

Your StarTAC™ phone is so small and light, you'll always want it with you.

Keep it in your purse or put it in your pocket!

Or slip it in its holster!

**Messaging**

Did you know that your StarTAC phone supports Caller ID*?

If you subscribe to Caller ID service, you'll see who's calling before you answer. See page 30.

And if you miss a call while your phone is ON, just check your handy Message Center to see who has called. See page 79.

* Contact your Service Provider for availability.

## *Highlights*

As one of the most sophisticated cellular phones around, your StarTAC™ phone offers exceptional features that make life easier, more organized, and more fun! This miracle of modern technology can help you…

- make calls in a flash with the Turbo Dial™ keys.
- remember phone numbers with the internal Phone Book.
- monitor your calls with displayed and audible call timers.
- read information with ease on the 10 character color display.
- know when to charge with the dedicated Battery Level Indicator.
- charge on the go with your AC Wall Charger.
- simplify automated calling systems like voice mail* with Pause Dialing.
- reduce roaming with two-system registration.

As you explore your StarTAC 3000 phone, you will discover many more convenient and time-saving features that help you stay in touch with style.

* Contact your Service Provider for availability.

# Safety Information

**Read this information before using your StarTAC™ cellular telephone.**

*Important*

First introduced in 1984, the hand-held portable cellular telephone is one of the most exciting and innovative electronic products ever developed. With it you can stay in contact with your office, your home, emergency services, and others.

**For the safe and efficient operation of your phone, please observe these guidelines:**

*Exposure to Radio Frequency Energy*

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.

European and International agencies have set standards and recommendations for the protection of public exposure to RF electromagnetic energy.

- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996
- Verband Deutscher Electringenieure (VDE) DIN-0848
- Directives of the European Community, Directorate General V in Matters of Radio Frequency Electromagnetic Energy
- National Radiological Protection Board of the United Kingdom, GS 11, 1988
- American National Standards Institute (ANSI) IEEE. C95. 1-1992
- National Council on Radiation Protection and Measurements (NCRP). Report 86
- Department of Health and Welfare Canada. Safety Code 6

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).

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

### Antenna Care

**Normal Position:**
Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

**Tips on Efficient Operation:**

- Extend your antenna fully.
- 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 (see page 16).

# Safety Information

### Driving

Check the laws and regulations on the use of wireless telephones in the areas where you drive. Always obey them. Also, if using your phone while driving, please:

- Give full attention to driving – driving safely is your first responsibility;
- Use hands-free 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 electronic 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 (6") inches 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.
- If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

**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 they are 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.

***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.

# Safety Information

**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.

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

***Potentially Explosive Atmospheres***

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

***Equipment Care***

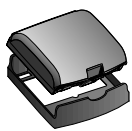
Your Motorola cellular radiotelephone is designed for excellent durability under normal use conditions. Protect your cellular telephone from water damage that could result from spills or excessive exposure to rain. Never submerge your cellular phone.

# Getting Started

**Package Contents**

Your phone comes equipped with a standard battery, an AC Wall Charger, and a holster — everything you need to get up and running.

**Your StarTAC™ 3000 Wearable Cellular Telephone**



**Standard Battery with Cover**

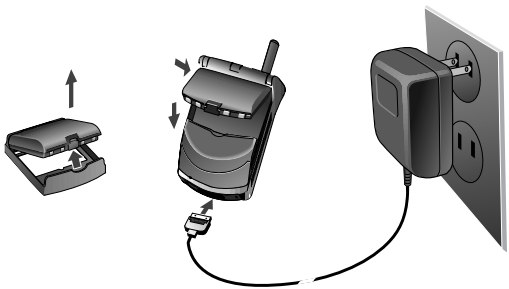
**AC Wall Charger**
Works with your phone's built-in charging system

**Holster**
Just slip the phone in and clip it on!

# Installing and Charging

Follow the step-by-step instructions in this chapter to install and charge your battery so that you can get started with "The Basics" in the next section. In just a few simple steps, you'll be ready to use your phone.

**Turn the page when you're ready to begin.**



Once your battery is installed and charged, you're ready to go. Just slip your phone into its holster with the Power/Status Indicator facing out and clip the holster onto a belt, purse or briefcase.

**Accessory Options**

A whole new line of accessory options, now smaller and lighter than ever, can customize your cellular package for maximum performance and portability. See page 84.

# Installing the Battery

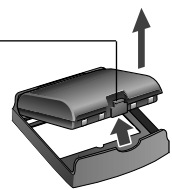
To get started, just slip the battery out of its cover, install the battery and charge the battery.

***Battery Covers***

Your phone's battery is shipped uncharged and encased in a protective cover. This handy cover keeps conductive material from touching the battery terminals and reduces the risk of injury or damage from a short circuit (see page 9). It's a good idea to keep your batteries covered when they're not being used.

**Removing the Battery Cover**

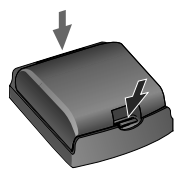
1. Pull the release latch back toward the battery.
2. Lift the battery out.



**Attaching the Battery Cover**

The battery fits into its cover like a ski boot fits into a ski.

1. Place the battery's "toe" into the compartment as shown.
2. Press its "heel" down until you hear it snap into place.



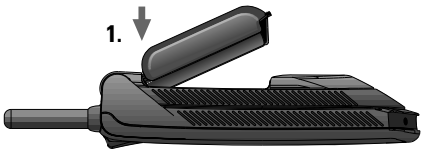
## Installing the Battery

***Battery Installation***

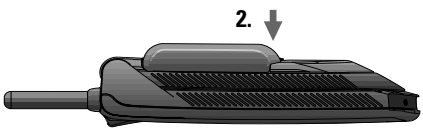
The battery fits into your phone like a ski boot fits into a ski.

**To install the battery:**

1. Place the battery's "toe" into the compartment as shown.



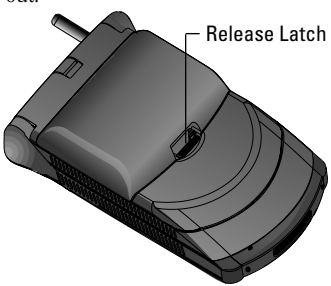

2. Press its "heel" down until you hear it snap into place.




***Battery Removal***

**To remove the battery:**

1. Turn your phone OFF.
2. Pull the release latch back toward the battery and lift the battery out.



# Charging the Battery

### Using Your AC Wall Charger

Using the AC Wall Charger, you can plug your phone directly into a power supply and charge the attached battery—whether the phone is ON or OFF. When the AC Charger is in use and the phone is ON, you can still place and receive calls as long as the battery is not completely drained. Just remember, talking on the phone requires power, so charging will take more time.

1. Plug the AC Wall Charger into the accessory connector on the bottom of your phone as shown, with the release tab facing up.
2. Plug the charger into an electrical outlet.

**What you will see when charging:**

- The battery icon will flash regardless of whether your phone is turned ON or OFF.
- The battery icon will cease flashing and become solid when the battery is fully charged.

## Charging the Battery

### Charging Times

Your StarTAC™ phone's Standard Battery charges in three to four hours using the AC Wall Charger. A Lithium Ion battery can be charged with a Rapid Charger in one to two hours.

Charging times are affected by:

- **Temperature** Batteries should be at or near room temperature when charging. To prolong battery life and charge capacity, avoid exposing your batteries to temperatures below -10°C (14°F) or above 45°C (113°F). As a good rule of thumb, always take your phone with you when you leave your car.
- **Extended Usage** Over extended periods of time, batteries gradually wear down and require longer charge-times. This is normal. If you've been charging your battery regularly and notice a decrease in talk-time or an increase in charge-time, then it's probably time to purchase a new battery.

### Leaving Batteries in the Charger

- Nickel Metal Hydride batteries should never be left in the charger longer than 24 hours.
- Lithium Ion batteries can be left in the charger as long as you like.

# Battery Information

***Battery Types***

Your StarTAC™ phone can use either Nickel Metal Hydride (NiMH) or Lithium Ion (LiIon) batteries.

Batteries are available in a variety of sizes: Slim, Standard, and Standard Extra Capacity.

***Talk-Times and Standby-Times***

**Slim Battery (Lithium Ion) E•P**

up to 60 minutes talk-time **or** 14 hours standby-time

**Standard Battery (Nickel Metal Hydride)**

up to 60 minutes talk-time **or** 14 hours standby-time

**Standard Extra Capacity Battery (Lithium Ion) E•P**

up to 110 minutes talk-time **or** 22 hours standby-time

**Keep in Mind:** Talking on the phone uses more energy than leaving it idle; the more talk-time you use, the less standby-time you'll have and vice versa.

***Battery Disposal***

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

# Battery Information

## Battery Level Indicator

The three battery symbols in the upper left hand corner of your phone's display represent the amount of charge remaining in your battery. The more symbols visible, the greater the charge.

**Battery Levels**

High

Low

**If your battery is low:**

- One or no battery symbols will be displayed.
- Lo bAt will be displayed.
- A short tone will play periodically.

**To view the detailed battery level:**

**Press** FCN then **press** 4

The bar graph in the display represents the battery level. The higher the graph, the closer the battery is to full charge.

*Lowest Level*

*Highest Level*

**If your battery is low during a call:**

**Quick Change**

You can change batteries, plug in the AC Wall Charger or plug in a cigarette lighter adapter to resume your conversation without losing the call! A battery quick change must be done in three seconds to avoid losing the call in progress.

***Illustration Reference*** *(inside front cover)*

**Retractable Antenna** Extend for best performance.

**Earpiece** Ultra-compact phone speaker.

**Status Indicators**

**IU** In Use—Flashes when a call is in progress.

**NS** No Service—Tells you the phone is beyond the range of a cellular service area. When this indicator is lit, calls cannot be placed or received.

**RM** Roam—Lets you know when your phone is accessing cellular service outside your home system.

**Signal Strength Indicator** Indicates the strength of the signal your phone is receiving. The stronger the signal, the better your chances of placing and receiving calls successfully.

**Battery Level Indicator** Tells you the amount of charge left in your battery.

**Numeric Display** (10 digit)
Displays your input from the keypad, information recalled from memory, help, and other messages. Some information will require sequentially displayed messages.

# Phone Overview

**Function Keys**

PWR Turns the phone ON and OFF.

FCN Acts as a "shift" key to access the secondary functions of other keys.

RCL Recalls phone numbers from memory.

STO Stores phone numbers into memory and turns Feature Menu items ON.

CLR Clears characters from the screen and turns Feature Menu items OFF.

END Ends phone calls and exits the Feature Menu.

SND Places or answers calls.

VOL Adjusts the earpiece and ringer volume.

◂ * and # ▸ can be used to scroll through memory entries and menu features.

**Accessory Connector** Provides the connection for an external power supply and vehicular and data accessories.

**Microphone** Positioned for convenient conversation.

**Headset Jack** Just plug in an optional headset for effortless hands-free conversations.

***Illustration Reference***
*(inside front cover)*

# Using the Phone

***Turning the Phone ON and OFF***

Follow these steps to turn your phone ON:

1. **Extend antenna** — Extend the antenna completely for best performance.
2. **Open** — Open your phone to expose the keypad.
3. **Press** PWR once to turn the phone ON.

   **Press** PWR again to turn the phone OFF.

**What you will see:**

Each time you turn ON your phone, it performs a self-test to let you know your phone is operational. When the self-test is finished, the display reads on and you're ready to go.

***Standby Mode***

To conserve energy, your phone may turn off its lights and most indicators when in standby mode. Don't worry, the display will come back the next time you press a key or open the phone.

# Using the Phone

***Optimal Phone Position***

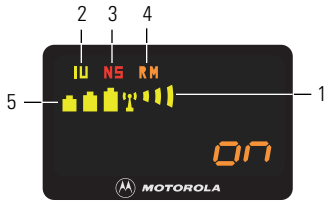
Hold your cellular phone as shown below, with the antenna fully extended and pointing up and over your shoulder. For best performance, make sure your hand is not touching the antenna.

***Wearing the Phone***

To slip your StarTAC™ phone into its holster, make sure the Power/Status Indicator is facing out so you can see it clearly. Then just clip the holster onto a belt, purse, or briefcase and you'll always have it with you!

**Keep in mind:** The holster has been designed for your convenience but isn't meant to secure your phone in all circumstances.

# Reading the Indicators




**Signal Strength Indicator (1)**

High

Low

The Signal Strength Indicator (SSI) tells you the strength of the connection between your phone and the local cellular system. A strong signal increases your chances of placing and receiving calls. You may see low signal strength if you're in a fringe area of the cellular system. Buildings, tunnels, and bad weather could block or interfere with reception. If the display goes blank to conserve energy in standby mode, the Signal Strength Indicator's lights flash one at a time up to the signal level you are receiving.

**In Use Indicator (2)**

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

**No Service Indicator (3)**

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

# Reading the Indicators

**Roam Indicator** (4)

The Roam (Rm) Indicator lights up when your phone accesses a cellular service outside your home cellular system. When you leave your cellular service area, your phone roams or seeks another cellular system until it finds one.

If your phone finds another cellular service of the same system type as your home service, the Roam Indicator flashes slowly. If it finds a different system type, the Roam Indicator flashes quickly.

**Battery Level Indicator** (5)

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

High

Low

To view the detailed battery level:

**Press** FCN then **press** 4

If your battery is low:

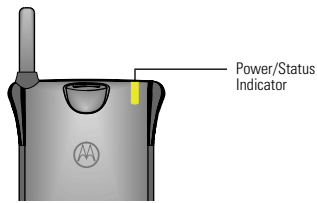
- One or no battery symbols will be displayed.
- Lo bAt will appear on your screen.
- A short tone will play periodically.

If you ignore these warnings, the phone will automatically turn itself OFF when the battery charge is exhausted. Just charge the battery to resume normal operation. See page 21.

# Reading the Indicators

## Power/Status Indicator

The Power/Status Indicator lets you know what your phone is doing without having to open it. Just look at the chart below to see what it's indicating.




## What's the Power/Status Indicator doing?

| | |
|---|---|
| **Red & Green, alternating** | Incoming call |
| **Green, flashing** | In Service: home type system |
| **Red, flashing** | No Service |
| **Yellow, flashing** | Roaming: home type system |
| **Yellow, flashing fast** | Roaming: non-home type system |

# *Placing and Ending Calls*

Make sure that your phone is turned ON.

**To place a call:**

1. **Extend antenna** — Extend the antenna completely for best performance.

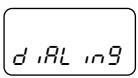
2. **Enter number** — Enter the number you want to call. For example: 555-1234.

   **Press** CLR to erase one digit at a time if you make a mistake.

   **Press & hold** CLR to clear the entire entry.

3. **Press** SND to place the call.

You will see:




**To end a call:**

**Press** END or **close the phone** to hang up your StarTAC™ phone.

You can dial phone numbers with up to 16 digits, but only the last 10 digits will appear in the display.

**Press** RCL to see the entire phone number.

The phone will take you to the beginning of the phone number, then flash the remaining digits.

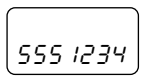
# Receiving Calls

**Your phone is ringing.**

- It must be ON to receive calls.

### Caller ID*

If Caller ID service is active on your phone, you will see who's calling before you answer! The display will flash your caller's phone number:




The Caller ID information for your last 20 callers will be saved in your phone's Message Center. Turn to "Using Messaging" on page 78 for more information.

**Note:** Some calls do not include Caller ID information. If you receive a call that does not include this information, you will see: PRIVATE or NO ID.

### Answering a Call

To answer a call:

1. **Extend antenna** Extend the antenna completely for best performance.
2. **Press** SND or **open the phone** when the phone rings.

### Ending a Call

To end a call:

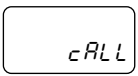
**Press** END or **close the phone** to hang up your StarTAC™ phone.

* Contact your Service Provider for availability.

# Receiving Calls

### Unanswered Call Indicator

Even with personal cellular technology, sometimes you are not available to answer every call. If your telephone is ON and you choose not to answer a call, your display will show:




**Press** CLR to erase the message, and you can begin placing calls again.

### Viewing Your Own Number

Use this feature to view your cellular phone's currently active phone number. If you have more than one phone number, you can change the active number with the Changing Your Phone Number feature on page 75.

To find out your phone's number:

**Press** RCL then **press** #

## Scratchpad

Your built-in Scratchpad lets you enter a phone number during a conversation. If you're on the phone and your party gives you another number to call, simply enter it into the Scratchpad to place the call later.

If you make a mistake, press CLR to erase the last digit entered, or hold CLR to erase the whole entry.

Be sure to tell your party that they will hear tones as you enter the number.

1. **Enter number** Enter the number into the keypad.
2. **Press** END to end the call you are currently in, if necessary.
3. **Press** SND to call the number in the Scratchpad.

You can also store numbers while you are in a call.

1. **Enter number** Enter the number into the keypad.
2. **Press** STO and continue storing with step 3 of Storing Numbers on page 38.

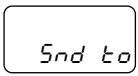
## Redialing Numbers

***Automatic Redial***

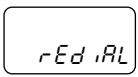
Sometimes the cellular system is busy and cannot handle your call. When this happens, you'll hear a fast busy signal. Just press SND and Automatic Redial will keep trying the number for the next four minutes. To redial for another four minutes, just press SND again.

You will see:

**Press** SND to Auto Redial.




and

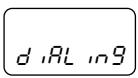



When the call goes through, your phone will ring once, then the call is live.

If you hear an ordinary busy signal:

***Last Number Redial***

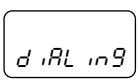
1. **Press** END to hang up.
2. **Press** SND to redial.




***Recall Last Number Dialed***

If you want to see the last number dialed:

1. **Press** RCL then 0, 0.
   The display will show the last number you dialed.
2. **Press** SND to redial the number in your display.



# Tone Controls

## Adjusting Volume

Pressing VOL –either alone or with FCN first–adjusts the earpiece and ringer volume. As you press VOL, the new volume level will sound through the speaker and appear as a bar graph on your display.

To adjust earpiece and keypad volume:

**Press & hold** VOL to raise the volume level.

**Press** VOL again to lower the volume.

To adjust ringer volume:

**Press** FCN then **press & hold** VOL to raise the volume level.

**Press** VOL again to lower volume.

*Lowest Volume*

*Highest Volume*

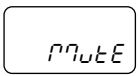
# Tone Controls

If you need some privacy while a call is in progress, try muting the microphone–you will be able to hear the person on the other end, but he or she will not hear you.

***Muting the Microphone***

You will see:

1. **Press** FCN then **press** 6 to mute the microphone.




2. **Press** FCN then **press** 6 again to resume your conversation.

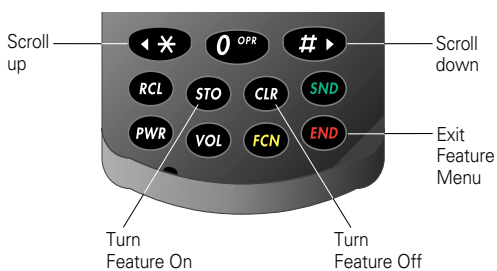
# Using Memory

Do you have places to go and people to see? Too many phone numbers to remember? Let your phone remember them for you. Your phone's internal Phone Book can store up to 20 numbers for easy access on the go.

**In this chapter you will learn how to:**

- store phone numbers into the Phone Book
- recall phone numbers from the Phone Book
- dial in a flash with the Super Speed Dial and Turbo Dial™ functions

Navigating the Feature Menu is easy using these keys on the bottom of your keypad:



## Storing into Phone Book

Each phone number is stored in a "memory location" in your Phone Book. Memory locations are numbered 01-20 and can hold up to 16 digits.

You can arrange your Phone Book for convenient recall by storing your nine most frequently called numbers in locations 01-09. That way you can use the Turbo Dial™ keys to dial them in a flash. See page 41.

Your StarTAC™ phone's memory is easy to program and makes dialing a breeze, so give it a try!

## Recalling from Phone Book

Phone numbers stored in your Phone Book can be recalled in one of three ways:

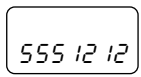
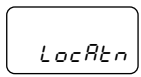
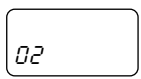
- By entering the two-digit location number
- By scrolling through your Phone Book
- By using one of the Recalling Shortcuts on page 41

When you feel ready for advanced memory functions that can make your life even easier, move on to the "Phone Book" section beginning on page 44.

## *Storing Numbers*

To take advantage of your phone's internal Phone Book, you'll first want to store some numbers into memory. The Phone Book can hold up to 20 numbers of up to 16 digits each.

**To store a number:**

| | | | You will see: |
|---|---|---|---|
| **1.** | **Enter number** | Enter the phone number you'd like to store. |  |
| **2.** | **Press** STO | to store the number. |  and |
| **3.** | **Enter location** | Enter the two-digit memory location you'd like to store to. Your phone will confirm your entry by displaying the location number. |  |

***Clear a Location***

Clearing a memory location is easy. Just store nothing:

1. **Press** STO when the display is clear.
2. **Enter number** Enter the two-digit location you'd like to clear.
3. **Press** STO to confirm that you want to clear the location.

# Recalling Numbers

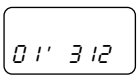
Each number you store is placed in a unique memory location, numbered 01 to 20, in your Phone Book. Once you've stored numbers, you can easily recall them by memory location.



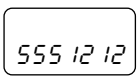
## Recall by Memory Location

You will see:

1. **Press** RCL then the two-digit memory location of the number you're looking for.

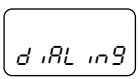



and

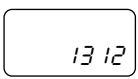



**then**
**Press** RCL again if you want to see the rest of the number.

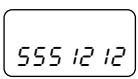
2. **Press** SND to place a call to the displayed number.




then




and




3. **Press** END or **close the phone** to end the call.

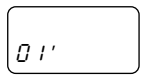
# Recalling Numbers

***Recall by Scrolling***

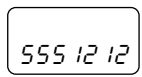
When you are uncertain of a number's exact memory location, try scrolling through your Phone Book, beginning with the location of your choice. To scroll from the first entry in your Phone Book, press RCL, 0, 1.

You will see:

1. **Press** RCL then enter the two-digit memory location where you'd like to begin your review.

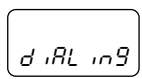



and

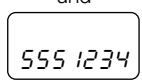



2. **Press** ◂ * or # ▸ to scroll to the number you are looking for.

3. **Press** SND to place a call to the displayed number.




and




4. **Press** END or **close the phone** to end the call.

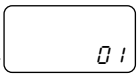
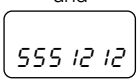
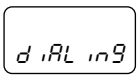
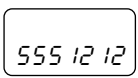
**Note:** You may also scroll through the Phone Book while in a call (for instance, if you want to look up a phone number to pass along to the other party). When finished, press END. This will cancel scrolling, but will not end your current call.

## *Recalling Shortcuts*



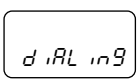
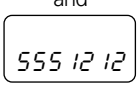
***Super Speed Dial***

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

| | | You will see: |
|---|---|---|
| **1. Enter location** | Enter the two-digit memory location (01-20). |   and   |
| **2. Press** SND to place the call. | |   and   |

***Turbo Dial***

The Turbo Dial™ keys let you dial numbers stored in locations 01-09 with just the push of a button:

| | | You will see: |
|---|---|---|
| **Press & hold** | a number on the keypad, 1 - 9, |   and   |

and your call is placed!

**Keep in Mind:** Location 01 is usually reserved for storing an emergency number. See Emergency Call on page 62 to find out why.

### Introducing the Feature Menu

Your StarTAC™ 3000 cellular phone is loaded with amazing features that can help make life easier, more productive, and just a bit more exciting. Features can be found quickly by scrolling through the phone's Feature Menu.

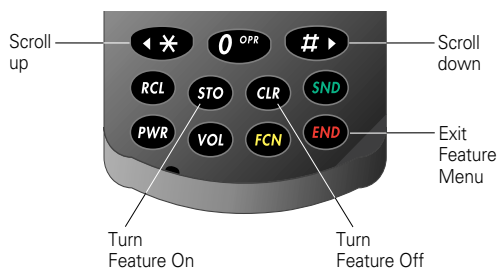
To enter the Feature Menu, just:

**Press** FCN then **press** 1

Use the road map on the next page to find your way.

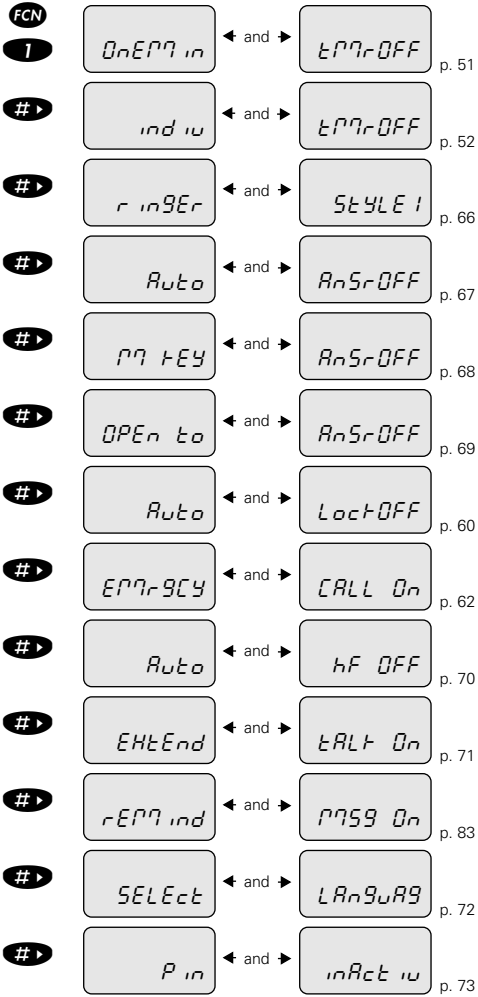
***Navigating the Feature Menu***

Navigating the menu system is easy using these keys on the bottom of your keypad:




1. **Press** the star and pound keys to scroll to the desired feature.
2. **Press** STO to turn a feature ON and CLR to turn it OFF.
3. **Press** END to exit the Feature Menu.

# Road Map


FCN
1
OnEMin
and
tEMrOFF
p. 51
#
ind iu
and
tEMrOFF
p. 52
#
r inGEr
and
StyLE 1
p. 66
#
Auto
and
AnSrOFF
p. 67
#
M tEY
and
AnSrOFF
p. 68
#
OPEn to
and
AnSrOFF
p. 69
#
Auto
and
LockOFF
p. 60
#
EMrGCY
and
CALL On
p. 62
#
Auto
and
hF OFF
p. 70
#
EHtEnd
and
tALk On
p. 71
#
rEMind
and
MSG On
p. 83
#
SELECt
and
LAnGuAG
p. 72
#
P in
and
inActiu
p. 73

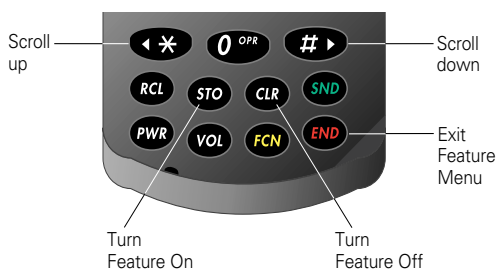
# Phone Book

In the previous chapter you learned how to store and recall phone numbers with the internal Phone Book. In this chapter you will also learn about an advanced storing feature that will help you access automated calling systems with ease.

**In this chapter you will learn how to:**

- recall phone numbers from memory
- simplify automated calling systems like voice mail
- edit your memory information

Navigating the Feature Menu is easy using these keys on the bottom of your keypad:



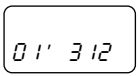
## *Recalling Numbers*

***Recall by Memory Location***

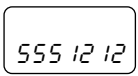
Each number you store is placed in a unique memory location, numbered 01-20, in your Phone Book. Once you have stored numbers, you can easily recall them by memory location.

You will see:

**1. Press** RCL then the two-digit memory location of the number you're looking for.

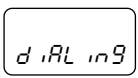



and

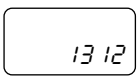



**then Press** RCL again to view the complete number.

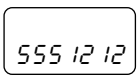
**2. Press** SND to place a call to the displayed number




then




and




**3. Press** END or **close the phone** to end the call.

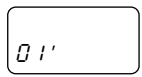
# Recalling Numbers

***Recall by Scrolling***

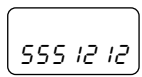
When you are uncertain of a number's exact memory location, try scrolling through your Phone Book, beginning with the location of your choice. To scroll from the first entry in your Phone Book, press RCL, 0, 1.

You will see:

1. **Press** RCL then enter the two-digit memory location where you'd like to begin scrolling.

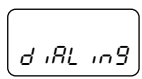



and

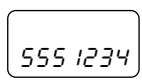



2. **Press** ◂ * or # ▸ to scroll to the number you are looking for.

3. **Press** SND to place a call to the displayed number.




and




4. **Press** END or **close the phone** to end the call.

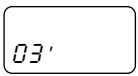
**Tip:** You may also scroll through the Phone Book while in a call (for instance, if you want to look up a phone number to pass along to the other party). When finished, press END. This will end scrolling, but will not end your current call.

## *Editing a Memory Location*

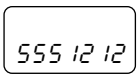
Follow these steps to edit any one of your Phone Book's memory locations:

You will see:

1. **Press** RCL and the two-digit location number you want to edit.



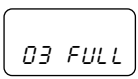

and



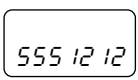

2. **Press** CLR to clear one digit at a time.

3. **Enter changes** Enter the new digits.

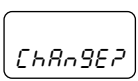
4. **Press** STO and enter the same two-digit location number.




and




then




5. **Press** STO to save the new number in this memory location and overwrite the old number.

### Pause Dialing

If you often find yourself calling voice mail, bank-by-phone or other automated calling systems, you'll appreciate the convenience of Pause Dialing. Simply save the numbers as a linked sequence, and you'll never need to enter them again!

Here's how it works: when you call automated phone systems, a recorded message prompts you for PIN numbers, account numbers, etc. You can store these numbers in your phone's memory along with the automated system's access number. Just separate them with a pause (p) – a special character that tells your phone to wait before sending additional numbers.

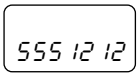
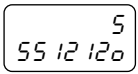
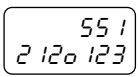
### Placing a Call with Pause Dialing

To place a call using Pause Dialing, simply recall it as you would any other number in your Phone Book and press SND to place the call. When the recording prompts you for information, just press RCL, SND and your phone will send the next set of numbers that you stored. Press RCL, SND as many times as necessary to transmit each set of numbers.

# Advanced Storing

## Storing a Pause Dialing Number

To store a Pause Dialing number, perform the following steps.

| | | You will see: |
|---|---|---|
| **1. Enter number** | Enter the automated system's number. |  |
| **2. Press** FCN then **press** SND to create a pause. | |  |
| **3. Enter numbers** | Enter the next group of numbers. (for example a PIN number) If another group of numbers is necessary, repeat steps 2 and 3. |  |
| **4. Press** STO | to store the number. | |
| **5. Enter Location** | Enter the two-digit location memory location you'd like to store to. | |

**Tip:** A maximum of 16 digits can be stored in a memory location. A pause (▫) counts as one digit. If your Pause Dialing number requires more than 16 digits, you can store the automated system's phone number in one memory location and the remainder in another memory location.

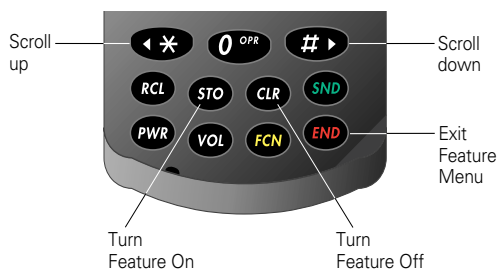
# Call Timers

Your phone's call timers offer a variety of options for managing your time. You can monitor the length of individual calls, set a timer to track monthly usage, or even set a timer to alert you once a minute during calls.

**In this chapter you will learn how to:**

- set a timer to beep once a minute during calls
- monitor the air-time of your individual calls
- set and view the Resettable Timer for long-term timing
- keep tabs on your phone's total air-time

Navigating the Feature Menu is easy using these keys on the bottom of your keypad:



# One Minute Audible Timer

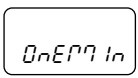
Turn the One Minute Timer ON (OnEM In / tMrOn) to hear a beep 10 seconds before the end of every minute during a call. Don't worry, the party on the other end will not hear the beeps.

**To toggle this feature ON or OFF:**

1. **Press** FCN then **press** 1 to enter the Feature Menu.

2. **Press** ◀ * or # ▶ to scroll to One Minute Audible Timer.

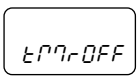
You will see:



OnEM In

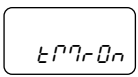
and

tMrOFF



or

tMrOn



3. **Press** STO to turn ON One Minute Audible Timer.

   **or**

   **Press** CLR to turn OFF One Minute Audible Timer.

4. **Press** END to exit the Feature Menu, or you may scroll to other features.

## Auto Display Individual Timer

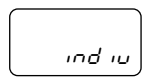
When you turn the Individual Timer ON ( ind iu / tMr On), your phone will automatically display the Individual Call Timer during and after each call. See View Individual Call Timer on page 53 for more information.

**To toggle this feature ON or OFF:**

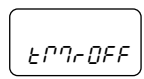
1. **Press** FCN then **press** 1 to enter the Feature Menu.

2. **Press** ◂ * or # ▸ to scroll to Individual Timer.

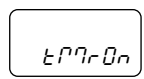
You will see:




and




or




3. **Press** STO to turn ON Auto Display Individual Timer.

   **or**

   **Press** CLR to turn OFF Auto Display Individual Timer.

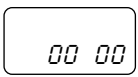
4. **Press** END to exit the Feature Menu, or you may scroll to other features.

## *View Individual Call Timer*

The Individual Call Timer records the elapsed air-time of individual calls in minutes and seconds. It resets itself before you place the next call and when you turn the phone OFF. If you want the timer to display automatically while calls are in progress just turn the Automatic Display feature ON; see page 52. Follow these steps to view the timer.

You will see:

1. **Press** RCL then **press** # twice.



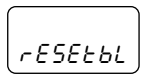

2. **Press** END to exit.

## View Resettable Call Timer

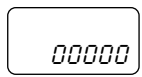
You can record the air-time you're using during any period of time. Reset this timer and it will record your elapsed air-time until it is reset again just like a stopwatch. Follow these steps to view the timer, and the steps on the bottom of this page to reset it.

You will see:

1. **Press** RCL then press # three times.




and




2. **Press** END to exit.

## Reset Timer

Follow these steps to reset the Resettable Call Timer.

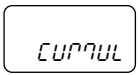
1. **Press** FCN then **press** 0, 7, CLR.
2. **Press** END to exit.

## *View Cumulative Call Timer*

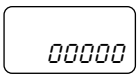
This non-resettable timer records your phone's total elapsed air-time in minutes since the day you began using your phone.

You will see:

1. **Press** RCL then **press** # four times.




and




2. **Press** END to exit.

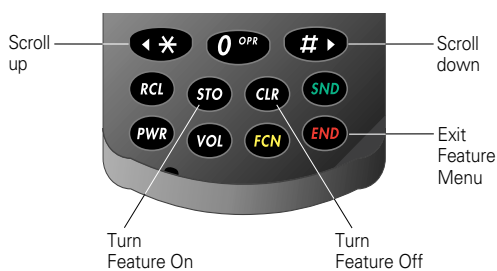
# Lock/Security

While you probably would not want to leave your phone unattended, your StarTAC™ cellular phone has a number of built-in security features to prevent unauthorized use. Activating these features requires either your three-digit lock code or the six-digit security code. The factory programmed unlock code is 123 and the security code is 000000.

**In this chapter you will learn how to:**

- lock and unlock your phone
- change and view your lock code
- restrict call placement
- place an Emergency Call

Navigating the Feature Menu is easy using these keys on the bottom of your keypad:



## *Electronic Lock*

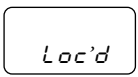
You can lock your phone manually at any time to help prevent unwanted use. Once locked, you can leave your phone ON or turn it OFF and the phone remains locked.

**To Lock:**

You will see:

1. **Press** FCN then **press & hold** 5.

2. **Press** STO to lock your phone.




**or**

**Press** END to exit without locking your phone.

**Note:** You must press and hold 5 until Loc 'd appears in the display. This is a safety feature to prevent you from accidentally locking your phone.

**To Unlock:**

| | |
|---|---|
| **Enter code** | Enter your three-digit lock code. If you make an error, press CLR and start again. |

The electronic lock prevents use of the phone by disabling both incoming and outgoing calls.

If a call is received while your phone is locked, the phone will ring and you must enter the unlock code before the call can be answered.

## *Viewing Your Lock Code*

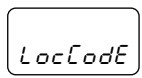
Forget your lock code or need to double check it? Help is only a few keystrokes away.

1. **Press** FCN then **press** 0.

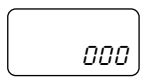
2. **Enter code** Enter your six-digit security code.

3. **Press** RCL The phone will display your three-digit lock code.

You will see:




and



## *Changing Your Lock Code*

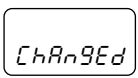
If you're like many StarTAC™ phone users, you'll want to change your three-digit lock code right away. You can personalize your lock code by choosing a three letter word, or even your initials. Then just match the letters with the corresponding numbers on the keypad. For example, you would enter "Bob" as **2**, **6**, **2**.

Just follow these simple steps:

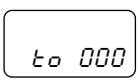
1. **Press** FCN then **press** **0**.
2. **Enter code** — Enter your six-digit security code.
3. **Enter code** — Enter the new desired three-digit lock code.

You will see:

4. **Press** RCL — The new lock code will display to confirm the change.




and



## *Automatic Lock*

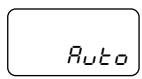
If you want your phone to lock itself automatically when you turn it OFF, just turn Automatic Lock ON (*Auto LockOn*).

**To toggle this feature ON or OFF:**

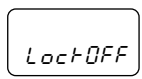
1. **Press** FCN then **press** 1 to enter the Feature Menu.

You will see:

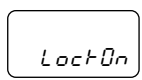
2. **Press** * or # to scroll to Auto Lock.




and




or




3. **Press** STO to turn ON Auto Lock.
   **or**
   **Press** CLR to turn OFF Auto Lock.

4. **Press** END to exit the Feature Menu, or you may scroll to other features.

## *Service Level*

When loaning your phone to others, you may want to hide memory information and restrict call placement to only the first ten memory locations. Most StarTAC™ phone users choose Service Level 4 (SErvicE LEvEL 4).

1. **Press** FCN then **press** 0.
2. **Enter code** Enter your six-digit security code.
3. **Enter number** Enter the number of the service level (1 or 4) you want to select.

You may select one of the two service levels listed below:

**Level 1:** Calls can be placed from memory locations 1-10 only.
- No dialing from keypad.
- No memory edit or storage.
- No access to Turbo Dial™ keys.

**Level 4:** This is the standard setting.
- No Restrictions.

You will see:

4. **Press** STO The phone will display the service level selected.

SErvicE

and

LEvEL 4

## *Emergency Call*

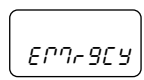
Hopefully, you'll never need to use this feature, but it's good to know it's there. With Emergency Call ON (EMRGCY CALL On), you can use Turbo Dial™ key 1 to immediately place an emergency call even if your phone is locked. Just store an emergency number such as 911, or the number of a close relative or friend, in memory location 01 (as shown on next page.)

**To toggle this feature ON or OFF:**

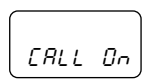
1. **Press** FCN then **press** 1 to enter the Feature Menu.

2. **Press** ◂ * or # ▸ to scroll to Emergency Call.

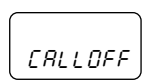
You will see:




and




or




3. **Press** STO to turn ON Emergency Call.
   **or**
   **Press** CLR to turn OFF Emergency Call.

4. **Press** END to exit the Feature Menu, or you may scroll to other features.

# Emergency Call

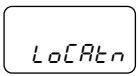
***Storing Your Emergency Number***

After you've turned Emergency Call ON, you'll need to store your emergency number in memory location 01:

1. **Enter number** Enter your emergency number.

You will see:

2. **Press** STO to store your emergency number.




then

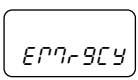
3. **Press** 0, 1 to choose location 01.

***Placing an Emergency Call***

**To place an emergency call:**

You will see:

**Press & hold** 1 to automatically place a call to the emergency number that you stored in location 01.




**Keep in mind**:

- Some cellular systems don't allow access to emergency numbers like 911. Contact your Service Provider for the emergency number used in your area.
- If Call Restriction Service Level 1 is enabled, the Turbo Dial™ keys will not be active. To override the restriction and place an emergency call, press RCL, 1, SND. See page 61 for information on Call Restriction Service Levels.

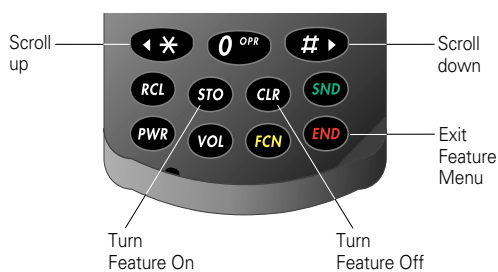
# Phone Options

In this chapter you'll learn all about fine tuning your StarTAC™ phone. You can adjust your phone for optimal performance, view information about the phone's settings, and choose from a number of convenient features.

**In this chapter you will learn how to:**

- review your phone's Feature Menu settings
- select one of nine different ringer styles
- change the way you answer your phone
- select a display language
- conserve battery power and much more

Navigating the Feature Menu is easy using these keys on the bottom of your keypad:



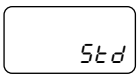
## *Feature Review*

After you've spent some time adjusting your phone's settings, use this feature to review the selections you've made. Feature Review will display any features that you have changed from their original factory settings.

**Keep in mind:** Settings cannot be changed during Feature Review.

1. **Press** FCN 0, 9, RCL.

If all of your phone's features are set to their original factory settings, you will see:




2. **Press** * or # to scroll through any features you have changed from their original factory settings.

3. **Press** END to exit the Feature Review.

## Select Ringer Style

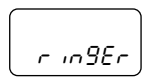
The StarTAC™ phone offers you nine different ringer styles. After you choose a style, the phone will give you a brief sample of your new alert sound.

**To choose a ringer style:**

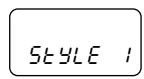
1. **Press** FCN then **press** 1 to enter the Feature Menu.

2. **Press** * or # to scroll to Ringer Style. The phone will show the current ringer style.

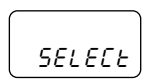
   You will see:

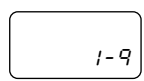
   and

3. **Press** STO to select this feature. You will hear a sample of the current ringer style.

   and

4. **Enter number** Press 1 through 9 to hear the different ringer styles, or you may scroll through the ringer styles.

5. **Press** STO to select the displayed ringer style.

6. **Press** END to exit the Feature Menu, or you may scroll to other features.

## *Automatic Answer*

Turn Automatic Answer ON (Auto AnSrOn) if you want your phone to automatically answer incoming calls after two rings.

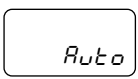
**Tip:** When using the optional headset, turn Auto Answer ON and you can answer calls without even opening the phone!

**To toggle this feature ON or OFF**:

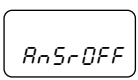
1. **Press** FCN then **press** 1 to enter the Feature Menu.

2. **Press** * or # to scroll to Automatic Answer.

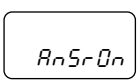
You will see:




and




or




3. **Press** STO to turn ON Automatic Answer.
   **or**
   **Press** CLR to turn OFF Automatic Answer.

4. **Press** END to exit the Feature Menu, or you may scroll to other features.

## *Multiple Key Answer*

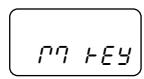
Why fumble for the SND key to answer calls? With Multiple Key Answer ON (mn KEY AnSr On), you can answer calls by pressing any key on the upper keypad 1 - #.

**To toggle this feature ON or OFF**:

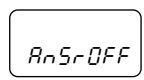
1. **Press** FCN then **press** 1 to enter the Feature Menu.

2. **Press** * or # to scroll to Multiple Key Answer.

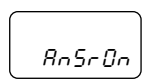
You will see:




and




or




3. **Press** STO to turn ON Multiple Key Answer.
   **or**
   **Press** CLR to turn OFF Multiple Key Answer.

4. **Press** END to exit the Feature Menu, or you may scroll to other features.

## *Open To Answer*

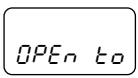
If you subscribe to Caller ID* service, you'll want to turn Open to Answer OFF (OPEn to AnSrOFF). That way when your phone rings, you can open the phone to see who's calling without answering the phone.

**To toggle this feature ON or OFF**:

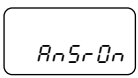
1. **Press** FCN then **press** 1 to enter the Feature Menu.

2. **Press** ◂ * or # ▸ to scroll to Open to Answer.

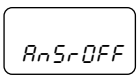
You will see:




and




or




3. **Press** STO to turn ON Open to Answer.
   **or**
   **Press** CLR to turn OFF Open to Answer.

4. **Press** END to exit the Feature Menu, or you may scroll to other features.

* Contact your Service Provider for availability.

## *Automatic Hands-Free*

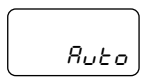
Turn Automatic Hands-Free ON (Auto HF On) when you are using Hands-Free vehicular accessories. To find out more about accessories for your car, turn to page 85.

**To toggle this feature ON or OFF**:

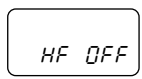
1. **Press** FCN then **press** 1 to enter the Feature Menu.

2. **Press** * or # to scroll to Automatic Hands-Free.

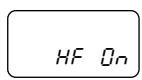
You will see:




and




or




3. **Press** STO to turn ON Automatic Hands-Free.
   **or**
   **Press** CLR to turn OFF Automatic Hands-Free.

4. **Press** END to exit the Feature Menu, or you may scroll to other features.

## *Extended Talk-Time*

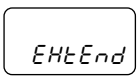
Did you know that you can get more talk-time when you're in strong signal areas? Turn the Extended Talk-Time feature ON (EXtEnd tALkOn) and receive extra talk-time from your phone's battery!

**To toggle this feature ON or OFF**:

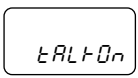
1. **Press** FCN then **press** 1 to enter the Feature Menu.

2. **Press** ◂ * or # ▸ to scroll to Extended Talk-Time.

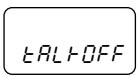
You will see:




and




or




3. **Press** STO to turn ON Extended Talk-Time.
   **or**
   **Press** CLR to turn OFF Extended Talk-Time.

4. **Press** END to exit the Feature Menu, or you may scroll to other features.

## Select Language

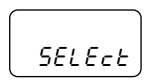
Your phone can display messages and prompts in three different languages. Just scroll over to Select Language (SELECt LAnGuAG) to choose from English (EnGL iSh), Spanish (ESPAnoL), or French (FrAnC).

**To choose a display language**:

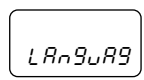
1. **Press** FCN then **press** 1 to enter the Feature Menu.

You will see:

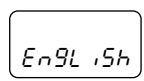
2. **Press** ◂ * or # ▸ to scroll to Select Language.




and




3. **Press** STO to display the currently selected language.




4. **Press** ◂ * or # ▸ to scroll to the language you wish to select.

5. **Press** STO to select the language.

6. **Press** END to exit the Feature Menu, or you may scroll to other features.

## *PIN Code*

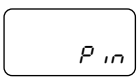
Your Cellular Service Provider may require a Personal Identification Number (PIN) when placing calls. This PIN assures the cellular system that the person placing the call is an authorized user. If a PIN Code is required on your system, you'll need to activate PIN operation (PIN ACT IN), then store your PIN Code in memory location 07.

**To toggle this feature ON or OFF**:

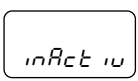
1. **Press** FCN then **press** 1 to enter the Feature Menu.

You will see:

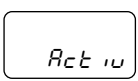
2. **Press** ◄* or #► to scroll to Pin Code.




and




or




3. **Press** STO to turn ON Pin Code.
   **or**
   **Press** CLR to turn OFF Pin Code.

4. **Press** END to exit the Feature Menu, or you may scroll to other features.

# PIN Code

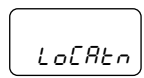
***Storing Your PIN Code***

After you've turned PIN Code operation ON, you'll need to store your PIN Code in memory location 07:

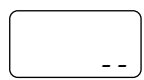
1. **Enter PIN Code** — Enter your PIN Code number (provided by your Cellular Service Provider).

2. **Press STO** to store your PIN Code.

   You will see:

   and

3. **Press 0, 7** to choose location 07.

***Placing a Call with PIN Code Activated***

To place a call with PIN Code activated:

1. **Enter number** — Enter number to be called, or recall from memory.

2. **Press SND** and wait for the prompt (usually "beep, beep").

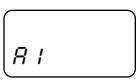
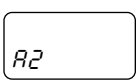
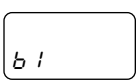
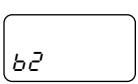
3. **Press SND** The phone will automatically send the PIN code you've stored in memory location 07.

If you see `inVAL idPin`, check to see if you have activated PIN operation (`Pin Act iu`) in the Feature Menu without storing a PIN number in memory location 07.

## *Changing Your Phone Number*

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're in.

In most areas, there are two competing cellular carriers: the "wireline" carrier and the "non-wireline" carrier. Each time you turn your phone ON, you'll see a message in the display that indicates which phone number and which type of carrier are currently active.

| | |
|---|---|
| Non-wireline type with phone number 1 |  |
| Non-wireline type with phone number 2 |  |
| Wireline with phone number 1 |  |
| Wireline with phone number 2 |  |

## Changing Your Phone Number

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.

**To change your phone number:**

**Press** RCL then # then STO

The display will go blank for a second to confirm the change.

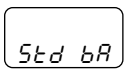
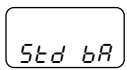
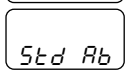
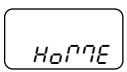
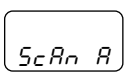
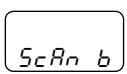
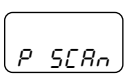
## Changing the System Mode

Your Cellular Service Provider configures this feature when you receive a cellular phone number. If you want to get into the nitty-gritty of your cellular phone's operation, read on. System Mode allows you to select the type of cellular system your phone will access.

1. **Press** RCL then **press** * to display the current System Mode.
2. **Press** * or # to scroll through the System Modes.
3. **Press** STO to select the displayed System Mode.
4. **Press** END to exit.

# Changing the System Mode



| | |
|---|---|
| **Standard Mode:**<br>Your phone first seeks a home type system, then a non-home type system. | |
| *If home system is non-wireline (type A)* | |
| *If home system is wireline (type B)* |  |
| **Reversed Preference Mode:**<br>Your phone first seeks a non-home type system, then a home type system. (This mode may be useful in fringe areas or certain roaming situations.) | |
| *If home system is non-wireline (type A)* |  |
| *If home system is wireline (type B)* |  |
| **Home Only Mode:**<br>Phone will not operate outside its home system. |  |
| **Scan A Mode:**<br>Phone will operate only within non-wireline (type A) systems. |  |
| **Scan B Mode:**<br>Phone will operate only within wireline (type B) systems. |  |
| **Preferred System ID Mode:**<br>Phone will scan for home or programmed preferred SIDs first. This choice requires entry of up to 60 System ID numbers for those systems in which you wish to operate. Contact your Cellular Service Provider for SID information. |  |

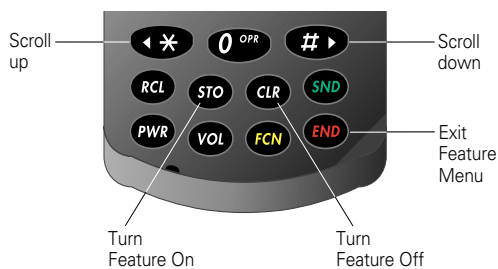
# Using Messaging*

Your phone is messaging ready. If you subscribe to messaging services through your Service Provider, you can receive Caller ID, Voice Mail Notification and pager-like alphanumeric messages.

**In this chapter you will learn how to:**

- view your messages
- delete one or all of your messages
- set reminder tones to remind you of unread messages

Navigating the Feature Menu is easy using these keys on the bottom of your keypad:

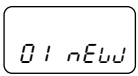



*Contact your Service Provider for availability.

## When You Receive a Message

If your phone is ON and you receive a Caller ID*, Voice Mail* Notification, or alphanumeric message:

1. Your StarTAC™ phone will beep to inform you of an incoming message.
2. The display will show the number of new messages you've received:




See Receiving Calls on page 30 for information on receiving a Caller ID message.

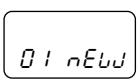
### The Message Center

The Message Center is like a virtual bulletin board where up to 20 Caller ID, Voice Mail Notification or pager-like alpha-numeric messages can be stored. If the Message Center becomes full, it will replace the oldest messages with new messages as they are received.

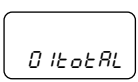
**To enter the Message Center:**

**Press** RCL then **press & hold** RCL. The display will show you how many new and total messages you have received

You will see:




then

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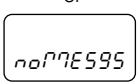



* Contact your Service Provider for availability.

## *Viewing Your Messages*

You can scroll through your messages easily using the star ◄* and pound #► keys. Each message will be numbered from 01 to 20 with a label such as: 01 NEW (any new message) or 01 C id (old Caller ID message). The display will cycle through the message information as shown in the following example of an old Caller ID: 01 C id 1847 555 1212.

1. **Press** RCL then **press & hold** RCL to enter the Message Center.
2. **Press** ◄* or #► to scroll through your messages.

***Storing Displayed Number***

3. **Press** STO to store the displayed number in your Phone Book. See Storing Numbers on page 42 for more information.

**or**

***Dialing Displayed Number***

**Press** SND to dial the displayed number.

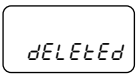
4. **Press** END to exit the Message Center.

# *Viewing Your Messages*

***Deleting a Message***

To delete a message:

1. **Press** RCL then **press & hold** RCL to enter the Message Center.
2. **Press** * or # to scroll to the message you want to delete.
3. **Press & hold** CLR until you see:




4. **Press** END to exit the Message Center.

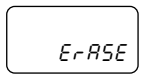
### Deleting All Messages

To delete all messages:

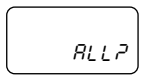
1. **Press** RCL then **press & hold** RCL to enter the Message Center.

   You will see:

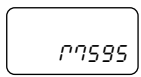
2. **Press & hold** CLR until you see:

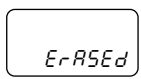
   and

3. **Press** CLR again to confirm.

   and

4. **Press** END to exit the Message Center.

## *Message Reminder*

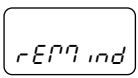
There's no need to worry about missing the new message alert. Just turn Message Reminder ON (rEM ind MSG On) and your phone will remind you of the unread message by beeping every two minutes.

**To toggle this feature ON or OFF:**

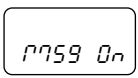
1. **Press** FCN then **press** 1 to enter the Feature Menu.

2. **Press** ◄ * or # ► to scroll to Message Reminder.

You will see:




and

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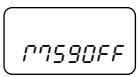



3. **Press** STO to turn ON Message Reminder.
   **or**
   **Press** CLR to turn OFF Message Reminder.

4. **Press** END to exit the Feature Menu, or you may scroll to other features.

# Accessory Options

An exciting line of StarTAC™ brand phone accessories, now smaller and lighter than ever, can enhance and personalize your cellular experience.

**Batteries**

Lithium Ion batteries are different from other batteries in that you can leave them in the charger as long as you like. Nickel Metal Hydride batteries should not be left in the charger for more than 24 hours. See page 20 for battery talk-times and standby-times.

**Cigarette Lighter Adapter**

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

**Desktop Charger and Rapid AC Adapter**

The desktop charger is designed for optimal performance when used with the Rapid AC Adapter shown here. The desktop charger's front pocket charges the battery while it's in your phone, and the rear pocket charges a battery by itself.

**Headset**

The headset provides both an earphone and microphone in one small piece for simple hands-free and private telephone conversations. The convenient 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.

**PCMCIA Modems**

These compact modems are made for mobility and plug directly into the bottom of your StarTAC phone, so you can send and receive faxes, e-mail and data. The PCMCIA modem works with data devices using a standard PCMCIA Type II slot.

# Accessory Options

**Hands-Free Adapter Kit***

The optional Hands-Free Kits give you the convenience of full duplex speaker phone operation while in your car. Full duplex operation lets you simultaneously talk and listen, so both parties can interrupt each other for a normal sounding conversation.

The Hands-Free Kit powers the phone and charges its battery whenever your car's engine is running. An optional external antenna can improve your signal reception and boost performance.

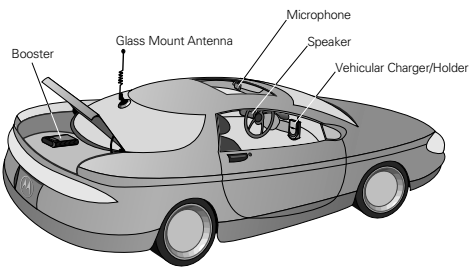
**3-Watt Vehicle System***

The 3-Watt Vehicular Kit for the StarTAC™ phone delivers a full 3-watts of power. This booster works behind the scenes to increase performance, especially in fringe areas.

3-Watt Vehicular Kit components:

- Hands-Free phone holder with battery charger
- External microphone
- External speaker
- 3-watt booster
- External antenna (not included)

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




* Installation of vehicle/hands-free kits may require professional assistance.

# Glossary

## A

**AC Wall Charger** An accessory device that allows you to power and/or charge your phone from a wall outlet. See page 18.

**accessory connector** A socket on the bottom of the phone where you can attach accessories such as an AC Wall Charger or cigarette lighter adapter. To learn more, see page 18.

**air-time** The amount of time you spend using a cellular system, between the time you successfully place a call and the termination of that call.

**Alkaline** A battery technology used in personal cellular telephones.

**antenna** The device on your phone that sends and receives cellular signals. For tips on antenna use and efficiency, see page 10.

**Automatic Answer** When you activate this feature, your phone automatically answers after two rings. See page 67.

**Automatic Redial** With this feature your phone will automatically redial for four minutes with one push of a button. See page 33.

## C

**Caller ID** A network/subscription dependent service that allows you to see your caller's number before answering. See page 78.

**cellular carrier** One of the two competing companies in a given geographic area that owns and operates a cellular system.

**Cellular Service Provider** A company affiliated with a cellular carrier that provides cellular service to its customers.

**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.

**cigarette lighter adapter** An accessory device that allows you to power and/or charge your phone from a car's cigarette lighter.

## D

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

**DTMF tones** Dual Tone Multi-Frequency tones are the tones that your phone transmits to communicate with tone activated phone systems like voice mail or bank-by-phone.

## E

**Emergency Call** This feature allows you to place a call from memory location 01 even if the phone is locked. See page 62.

**E•P** Short for "Expert Performance," E•P designates Motorola accessories engineered for enhanced performance.

## F

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

**function keys** The non-numeric keys on your phone used to access and navigate menu features, as well as perform memory functions. See page 23.

## H

**Home Only Mode** With this System Mode selected, your phone will only operate within range of your home cellular system. See page 77. See also system type.

**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. See also non-home type system, and system type.

## 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. See page 26.

## L

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

**Lithium Ion** (LiIon) A battery technology used in personal cellular telephones. Lithium Ion batteries generally provide more energy capacity than Nickel Metal Hydride batteries of the same weight.

**lock** To prevent unauthorized access to the cellular telephone. See pages 57-60.

**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 page 58.

## M

**memory location** A space in the internal Phone Book where you can store a telephone number. Each of the Phone Book's 20 memory locations (numbered 01-20) can hold up to 16 digits.

## N

**Nickel Cadmium** (NiCd) A battery technology used in personal cellular telephone batteries.

**Nickel Metal Hydride** (NiMH) A battery technology used in personal cellular telephone batteries.

**non-home type system** A system type different from your home system. See also home type system, and system type.

**non-wireline** See system type.

## P

**pause** A special character that tells your phone to wait before sending the next set of numbers stored in one memory location. See Pause Dialing.

**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 page 48.

**Personal Identification Number (PIN)** A private numeric password which protects personal accounts such as bank-by-phone or voice mail.

# Glossary

**Phone Book** The collection of telephone numbers you have stored into your phone's internal memory. Each of the 20 memory locations in the Phone Book can hold up to 16 digits.

**prompt** A display message requesting input.

## R

**Reversed Preference Mode** When your phone is set-up in this System Mode setting and you are beyond the range of your home cellular system, your phone will seek a non-home type system, then a home type system. See page 77. See also system type.

**road map** The visual representation of your phone's Feature Menu provided in this manual. See page 43.

**roam** To use a cellular system outside of your home system, usually when you travel beyond the range of your home system.

## S

**Scan A Mode** When your phone is set-up in this System Mode setting and you are beyond the range of your home cellular system, your phone will only operate on non-wireline type systems. See page 77. See also system type.

**Scan B Mode** When your phone is set-up in this System Mode setting and you are beyond the range of your home cellular system, your phone will only operate on wireline type systems. See page 77. See also system type.

**Scratchpad** A memory feature that automatically remembers the most recent number entered into the keypad.

**scroll** To move backward or forward through a list; for example, to move backward or forward through the Feature Menu or the Phone Book using the ◂ * and # ▸ keys.

**security code** A six-digit code used to access and change certain security features. The factory programmed security code is 000000.

**Service Provider** See Cellular Service Provider.

**signal** See cellular signal.

**Standard Mode** When your phone is set-up in this System Mode setting and you are beyond the range of your home cellular system, your phone will seek a home type system, then a non-home type system. See page 77. See also system type.

**standby-time** The total time your phone is ON but not used for talking.

**Super Speed Dial** A dialing shortcut that allows you to quickly dial any number in your phone's Phone Book. To use this feature, enter the two-digit location of your number, 01-20, then press SND and the call is placed. See page 41.

**System ID** Every cellular system has a unique number to identify itself.

**System Mode** A setting that determines the system type that your cellular phone will access.

**system type** A designation that indicates one of the two competing cellular carriers in a given geographic area. The non-wireline carrier operates on the "A" block of cellular frequencies, and the wireline carrier operates on the "B" block of cellular frequencies.

## T

**talk-time** The total time that you can talk on your phone before the battery is fully discharged.

**Text messages** A network/subscription dependent service that enables your phone to receive messages just like a pager. See page 79.

**toggle** To switch between two possible options; for example: ON vs. OFF.

**Transmit Tones** See DTMF tones.

**Turbo Dial™ keys** To use this feature, press and hold a number on the keypad, 1 through 9, and your call is placed. See page 41.

## U

**unlock code** See lock code.

## W

**wireline** See system type.

# Index


## A

AC Wall Charger 18
accessory connector 23
Accessory Options 15, 84–85
adjusting volume 34
Advanced Storing 48–49
antenna 22
Attaching the Battery Cover 16
Auto Display Individual Timer 52
Automatic Answer 67
Automatic Hands-Free 70
Automatic Lock 60
Automatic Redial 33

## B

batteries
- charging 18–19
- covers 14
  - attaching 16
  - removing 16
- disposal 20
- indicator 21, 22, 27
- installing 16–17
- removing 17
- standby-times 20
- talk-times 20
- types 20, 84

Battery Level Indicator 21, 22, 27

## C

Call Timers
- Cumulative 55
- Individual 53
  - Auto Display 52
- Resettable 54, 55

Caller ID 30
- Message Center 79

Changing the System Mode 76–77
Changing Your Lock Code 59
Changing Your Phone Number 75–76
chargers
- AC Wall 18
- desktop 84
- internal 18
- times 19

Charging the Battery 18–19
cigarette lighter adapter 84
Cumulative Call Timer 55

## D

deleting
- a message 81
- all messages 81

desktop charger 84
dialing 29
- messaging numbers 80
- restricting 61

display 22
- Cumulative Call Timer 55
- Individual Timer 52, 53
- Lock Code 58
- Resettable Call Timer 54, 55
- your messages 80–82
- your phone number 31

## E

earpiece 22
- adjusting volume 34

Editing a Memory Location 47
Electronic Lock 57
Emergency Call
- activating 62
- placing 63

ending calls 29
Extended Talk-Time 71

## F

Feature Menu
- Introduction 42
- navigating 42
- Road Map 43

Function Keys 23

## G

Glossary 86–90

## H

Hands-Free
- Automatic 70
- Operation 79
- Vehicle Kit 85

headset 84
- jack 23

Highlights 8

holster 14
Home Only System Mode 77

## I

In Use Indicator 22, 26
indicators
    Battery Level 21, 22, 27
    In Use 22, 26
    No Service 22, 26
    Power/Status 28
    reading 26–28
    Roam 22, 27
    Signal Strength 22, 26
    Unanswered Call 31
Individual Call Timer 53
    Auto Display 52
Installing the Battery 16–17

## K

Key Answer, Multiple 68

## L

Language, Select 72
Last Number Redial 33
Lithium Ion 20, 84
Lock Code
    changing 59
    viewing 58
Lock/Security 56–63
locking 57
    Automatic Lock 60

## M

memory
    editing 47
    Phone Book 44–47
    recalling 37, 39–41, 45–46
    Scratchpad 32
    storing 37, 38
    Super Speed Dial 41
    Turbo Dial™ Keys 41
Menu, Feature 42
Message Reminder 83
messaging
    deleting 81–82
    dialing displayed number 80
    Introduction 78
    Message Center 79
    receiving 79
    reminder tones 83
    storing displayed number 80
    viewing 80
microphone 23
    muting 35
modem compatibility 84
Multiple Key Answer 68
muting the microphone 35

## N

Nickel Metal Hydride 20, 84
No Service Indicator 22, 26
numeric display 22

## O

Open to Answer 69

## P

Package Contents 14
Pause Dialing 48–49
PCMCIA Modems 84
Phone Book 44–47
    editing 47
    memory 36–41
    recalling 37, 39–41, 45–46
    Scratchpad 32
    storing 37, 38
        advanced 48–49
    Super Speed Dial 41
    Turbo Dial™ Keys 41
phone number
    changing 75–76
    viewing 31
Phone Options 64–77
Phone Overview 22–23
PIN Code
    activating 73
    placing calls 74
    storing 74
placing calls 29
    with PIN Code 74
power key 23
Power/Status Indicator 28
Preferred System ID Mode 77

## R

Reading the Indicators 26–28
recalling
    by location 39, 45
    by scrolling 40, 46
    Super Speed Dial 41

Turbo Dial™ Keys 41
types 37
receiving calls 30–31
redialing
automatic 33
instant 33
last number 33
Removing the Battery Cover 16
Resettable Call Timer 54, 55
retractable antenna 22
Reversed Preference System Mode 77
ringer
adjusting volume 34
Road Map 43
Roam Indicator 22, 27

## S

Safety Information 9–13
Scan A System Mode 77
Scan B System Mode 77
Scratchpad 32
scrolling 46
Select Language 72
Service Level 61
Signal Strength Indicator 22, 26
Slim Battery 20
Standard Battery 20
Standard Extra Capacity Battery 20
Standard System Mode 77
standby mode 24
standby-times 20
status indicators 22
storing 37, 38
messaging numbers 80
Pause Dialing 48–49
PIN Code 63, 74
Super Speed Dial 41
System Mode Settings 77
changing 76–77

## T

talk-times 20
extending 71
Text messages
Message Center 79
Three-Watt Vehicular Kit 85
timers
Cumulative 55
Individual 53
Auto Display 52
Resettable 54, 55
tones
Message Reminder 83
Turbo Dial™ Keys 41
Turning the Phone ON/OFF 24

## U

Unanswered Call Indicator 31
unlocking 57
Using Memory 36–41
Using Messaging 78–83
Using the Phone 24–25

## V

vehicle accessories 85
View Cumulative Call Timer 55
View Individual Call Timer 53
View Resettable Call Timer 54, 55
Viewing Your Lock Code 58
Viewing Your Messages 80–82
Viewing Your Own Number 31
volume
adjusting 34

## W

Wearing the Phone 25
What's New 6
When You Receive a Message 79

## Y

your phone number
changing 75–76
viewing 31

# Patent Information

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

| | | | | |
|---|---|---|---|---|
| 4121218 | 4564821 | D292578 | 4802236 | 4965537 |
| 4138681 | D282169 | 4706036 | 4809356 | 4972355 |
| 4193036 | 4571595 | D292920 | 4811377 | 4972432 |
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| 4329666 | D284759 | 4716391 | 4837534 | D315330 |
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| 4550426 | 4692726 | 4798975 | 4963812 | D322955 |
| 4551696 | 4704588 | 4800348 | 4963843 | 5081674 |

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| D325583 | 5210793 | 5349588 | 5453997 | D372481 |
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| 5150359 | 5249302 | 5406146 | 5497126 | 5588041 |
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| 5157693 | 5260988 | D357457 | 5499394 | 5594778 |
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| 5175759 | 5276707 | 5428836 | 5511235 | 5604050 |
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| D332785 | D344087 | 5432017 | 5519303 | 5613863 |
| 5185566 | 5287553 | D360632 | 5519346 | 5615233 |
| 5187809 | 5287555 | 5438684 | 5524276 | 5621763 |

Other patents pending.