## INSTRUCTION MANUAL

A preliminary draft copy of the Users Manual follows:

**Note:**

No body worn accessory has been developed for this device.

EXHIBIT 8

# *TALKABOUT* ®

## DIGITAL CELLULAR TELEPHONE

Model 182c
CDMA 800 MHz

010200-O

## Welcome

Thank you for choosing the Motorola Talkabout 182c from a global leader in communications technology.

All Motorola phones are designed and manufactured to meet Motorola's exacting specifications and world-class quality standards. We are confident that this phone will meet your own exacting standards.

We hope you enjoy your new wireless digital phone!

**PRELIMINARY**

Welcome

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**Welcome**

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**PRELIMINARY**

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Personal Communications Sector
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# Contents

# Contents

## Safety and General Information

### IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION

#### READ THIS INFORMATION BEFORE USING YOUR PHONE

The information provided in this document supersedes the general safety information contained in user guides published prior to July 2000. For information regarding radio use in a hazardous atmosphere please refer to the Factory Mutual (FM) Approval Manual Supplement or Instruction Card, which is included with radio models that offer this capability.

#### RF Operational Characteristics

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits radio frequency (RF) energy. The phone operates in the frequency range of 806 MHz to 870 MHz and employs digital modulation techniques.

When you communicate with your phone, the system handling your call controls the power level at which your phone transmits. The output power level typically may vary over a range from 0.0025 watts to 0.6 watts.

#### Exposure To Radio Frequency Energy

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

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- United States Federal Communications Commission, Code of Federal Regulations; 47 CFR part 2 sub-part J
- American National Standards Institute (ANSI) / Institute of Electrical and Electronic Engineers (IEEE) C95. 1-1992
- Institute of Electrical and Electronic Engineers (IEEE) C95.1-1999 Edition
- National Council on Radiation Protection and Measurements (NCRP) of the United States, Report 86, 1986
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998
- National Radiological Protection Board of the United Kingdom 1995
- Ministry of Health (Canada) Safety Code 6. Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz, 1999
- Australian Communications Authority Radiocommunications (Electromagnetic Radiation - Human Exposure) Standard 1999 (applicable to wireless phones only)

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

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### PORTABLE PHONE OPERATION AND EME EXPOSURE

#### Antenna Care

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

**DO NOT hold the antenna when the phone is "IN USE".** Holding the antenna affects call quality and may cause the phone to operate at a higher power level than needed.

#### Phone Operation

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

#### Body-worn Operation

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

### *Data operation*

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

### Specific Absorption Rate Data

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 1.47 W/kg 2, and when worn on the body, as described in this user guide, is 0.35 W/kg.2 (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of:

http://www.fcc.gov/oet/fccid

after searching on FCC ID IHDT5BB1.

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### *Approved Accessories*

For a list of approved Motorola accessories call:

- Argentina 0.800.6668.7652
- Brasil 0-800-121244
- Chile 800.201.366
- Colombia 980.955.0001
- México 01.800.021.0000
- Puerto Rico 1.800.331.6456
- Venezuela 800.16.801

or visit our website at www.mot.com.

### *ELECTROMAGNETIC INTERFERENCE/COMPATIBILITY*

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

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- **FACILITIES**

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

- **AIRCRAFT**

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

- **MEDICAL DEVICES**

  **Pacemakers**

  The Health Industry Manufacturers Association recommends that a minimum separation of 6 inches (15 centimeters) be maintained between a handheld wireless phone and a pacemaker.These recommendations are consistent with the independent research by, and recommendations of, Wireless Technology Research.

  Persons with pacemakers should:

  - ALWAYS keep the phone more than six inches (15 centimeters) from their pacemaker when the phone is turned ON.
  - not carry the phone in the breast pocket.

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- use the ear opposite the pacemaker to minimize the potential for interference.
- turn the phone OFF immediately if you have any reason to suspect that interference is taking place.

**Hearing Aids**

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

**Other Medical Devices**

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

## SAFETY AND GENERAL
### • USE WHILE DRIVING

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

When using your phone while driving, please:

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

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## OPERATIONAL WARNINGS

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

- **POTENTIALLY EXPLOSIVE ATMOSPHERES**
  Turn off your phone prior to entering any area with a potentially explosive atmosphere, unless it is a phone type especially qualified for use in such areas as "Intrinsically Safe" (for example, Factory Mutual, CSA, or UL Approved). Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.
  *NOTE*: The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine. Areas with potentially explosive atmospheres are often but not always posted.

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- **BLASTING CAPS AND AREAS**

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

## OPERATIONAL CAUTIONS

- **ANTENNAS**

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

- **BATTERIES**

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

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## Battery Information

- Use only the battery pack and charger designed for your Talkabout 182C wireless phone.
- Using a non approved battery pack or charger may cause damage to the phone or the battery pack.
- Do not short the battery contact terminals.
- Do not store the battery pack near metal, wiring, necklace, hairpins, and other metallic objects that may touch the battery contacts and cause overheating, smoke, flame, and/or explosion.
- Always charge/store the battery pack at room temperature.
- Charging the battery pack in extreme hot or cold temperatures will significantly increase the time required to charge the battery. This condition also causes the red indicator on the battery charger to blink. Storing the battery pack in extreme heat or cold environment reduces the capacity of the battery pack and decreases it's lifetime.
- Do not disassemble the battery pack or the charger and keep it away from flammable materials.
- Keep the battery pack and charger out of the reach of children.
- Do not drop the battery pack onto hard surfaces. This may cause damage to the battery pack and reduce it's lifetime.

- Make sure that you keep the battery contacts clean. Dirt or other substances on the contacts may prevent the battery pack from being charged.

- The battery pack is a consumable item. As charging/discharging continues, over a period of time, the actual usable time of the battery pack decreases. Replace the battery pack when the actual usable time of battery pack is about half of what was when you purchased it.

The battery warranty is 6 months after your purchase.

**Low Battery Indicator**

When the battery needs to be charged, the battery icon on the display begins to blink.

When the battery power is nearly exhausted, the phone briefly displays a low battery warning message and the phone turns itself off.

## Changing The Battery

Your battery attaches to the phone at the rear.

1. Turn off the phone.
2. Press down gently on the battery latch to remove the battery.
3. To attach the battery, align the bottom of the battery to the back of the phone.
4. Move the top edge of the battery to the top of the battery compartment.
5. Press the battery gently into position until the latch snaps into place.



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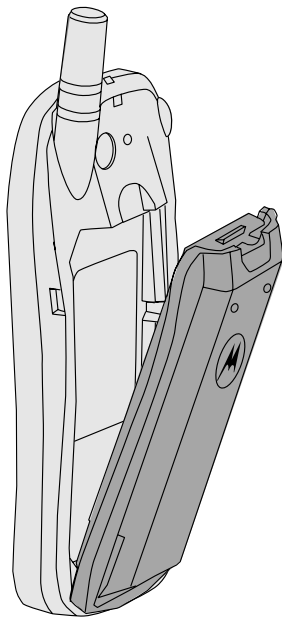
## Charging the Battery

### *Using The Desktop Charger*

1. Plug the AC/DC adaptor into a standard 120V ac wall outlet.

2. Plug the DC connector into the back of the desktop charger. (1) The charger indicator turns orange for 1 second to indicate power on.

3. Insert the phone into the desktop charger as shown. The click sound indicates that the phone has been inserted correctly. The phone can either be on or off during charging but charging takes longer when the phone is on while charging the battery.

**Note:** You can also charge a spare battery by itself in the desktop charger. Insert the battery into the desktop charger as shown.

The charging time varies, depending upon the status of a battery.

The charger status light turns red to indicate that the phone battery is charging.

When charging is completed, the charging status indicator turns green. Pull upward on the battery to take it out of the charger.
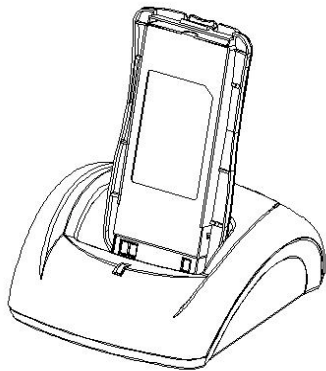
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### Desktop Charger Indicators

| LED Indicator Color | Indicates |
|---|---|
| Orange On/Off for 1 second | Power On |
| Red | Battery is charging |
| Green | Charging is completed |
| Red flashing | Abnormal |

When the lamp blinks red during charging, one of the following things may have happened:

- Defective battery pack.
- The contact between battery pack and the charger contact terminals is not good. Clean the charger contact terminals.
- The battery is out of operating temperature range.

  **Note:** Contact the service center when the battery does not work correctly after repeated attempts to charge the battery.

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# Control Buttons

| | |
|---|---|
| (END/⏻) | Turn the phone ON and OFF. Ends phone calls and exits the menu. |
| (FCN/STO) | Acts as a "shift" key to access the secondary functions of other keys. Stores phone numbers and names into memory. Select the menu items, setup, and release the features. |
| (CLR) | Clear characters from the screen. Move to previous menu screen on menu operation. |
| (SEND) | Places or answers calls. |
| (▲▼) | These keys can be used to scroll through memory entries and menu items. Earpiece volume up/down in conversation state. |
| (# ▶) | Advances the cursor to the next space. |
| (◀ *) | Moves the cursor back one space. |

## How to Use the Control Buttons

The control buttons are represented as graphics which look like the buttons on your Motorola Talkabout phone. A sequence of button presses might be shown as: $\left(\begin{smallmatrix}FCN/\\STO\end{smallmatrix}\right)$ $\left(1_{MEN}\right)$ $\left(3^{\boxtimes}_{DEF}\right)$ $\left(1_{MEN}\right)$.

This means that you would press $\left(\begin{smallmatrix}FCN/\\STO\end{smallmatrix}\right)$ then $\left(1_{MEN}\right)$, then $\left(3^{\boxtimes}_{DEF}\right)$, then $\left(1_{MEN}\right)$, in sequence, not at the same time.

## Features

Your phone includes the following features;

- Antenna - Provides superior call connections.
- Microphone - Positioned for convenient conversation.
- Alphanumeric Display Displays input from the keypad, information recalled from memory, and other messages.
- Headset Jack Connects an optional headset.
- Accessory Connector Provides the connection for an external power supply.
- Volume Keys $\left(\blacktriangle\right)$ and $\left(\blacktriangledown\right)$ are located below the display. These keys adjust the earpiece volume during a call and scroll through memory locations and menu items.

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**Shortcut Keys**

There are several shortcut keys on your phone that provide access to often used functions as follows.

| | |
|---|---|
| (FCN/STO) (1MEN) | Access to Menu.  Displays the main menu. |
| (FCN/STO) (2ABC) | Configures the phone to operate in Analog Mode only |
| (FCN/STO) (3DEF) | Message. Displays the messaging menu. |
| (FCN/STO) (4GHI) | Battery Status. Displays the current battery status. |
| (FCN/STO) (5JKL) | Keypad Lock. Locks the phone keypad. If you want to place the call, enter the lock code. |
| (FCN/STO) (6MNO) | Mute. For Privacy during a call, you can mute the microphone. You can hear the person on the other end, but they cannot hear you. |
| (FCN/STO) (8TUV) | Ring Option. You can change the ring mode to Ring Only, Vibrate Only or Vibrate then Ring mode. |

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## Indicators

| | | |
|---|---|---|
| $\mathbf{Y_{ill}}$ | RSSI: Signal Strength | Displays the strength of the connection between your phone and wireless network. |
| $\mathbf{R}$ | Roam/Home | Indicates when your phone accesses a wireless service outside of your home system. This indicator is off when you are inside your wireless Service Area. When you leave your wireless Service Area, your phone roams (seeks another wireless system). |
| $\mathbf{X}$ | NoSVC | Appears when calls cannot be placed or received from your location. |
| $\mathbf{\curvearrowright}$ | In Use | Appears when a call is in progress. |
| $\boxed{D}$ | Digital/Analog | Indicates when you are receiving a digital signal. This indicator is off when you are on an analog channel. |
| $\boxtimes$ | Text Message | Appears when you receive an alphanumeric message. This indicator is turned off after you view the message. |
| $\boxtimes$ ⟩⟩ | Voice Mail | Indicates that you have received a Voice Mail message in your Voice Mailbox. The indicator is turned off after you check your Voice Mail. |
| $\blacksquare\mathbf{77}$ | Battery Level Indicators | The three bar segments on the phone's Battery Level Indicator show the amount of charge remaining in your battery. The more bar segments you see, the higher the charge. |

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### *Ringer Status*

There are three ICONs that indicate ringer status. These icons display when the phone is in standby mode.

| | |
|---|---|
| ⠿ | Vibrate Only |
| ⠿ | Vibrate then ring |
| ⠿ | Silent mode |

### *Alarm Status*

| | |
|---|---|
| ⠿ | This icon indicates that an alarm time has been set. |

### **Power-up Display**

After your phone is activated, each time you turn your phone ON, your phone performs a short self-test to make sure it is operational and then it scans for service. While the phone scans, the display shows: Searching...

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## Turning Your Phone On and Off

### *Turning your phone On*

1. Press and hold $(\text{END}/\cup)$ for more than 1 second. (Your phone number appears briefly on the display and you hear a beep.)
   - A greeting, the day of the week, month, date and time appear on the display.
   - Your phone allows you to change the greeting that appears on the display.
   "Change Banner" on page 72 provides more information about changing your greeting.)
2. If the phone lock is activated, your phone will prompt you to enter the four-digit lock code.
3. After you enter your lock code, your phone is in standby state. (The factory default code is 0000, and that is what your phone accepts until it is changed.)
4. Calls may be placed to the emergency numbers programmed into your phone such as 911 (USA), or 190 (Brazil), etc.,.You can also receive calls.

### *Dual Band/Dual Mode Operation*

To make a best use of available signals, your phone can operate on both CDMA digital and analog systems. If your phone finds a CDMA digital system, the time, date and the $\boxed{D}$ ICON are displayed. If your phone finds an analog system, you will not see the $\boxed{D}$ ICON.

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### *Dual Number*

Your phone can be activated with up to two unique phone numbers (carrier dependent). If more than one number is programmed, the currently active number displays whenever you turn on the phone. To change the active phone number, read the section called "Change Number" on page 68.

### *Standby Mode*

To conserve energy, your phone enters standby mode and turns off the backlight when you have not pressed a key for a few seconds. The backlight turns on when you press a key.

## *Turning Your Phone Off*

Press and hold (END/①) for more than 1 second.

## **Testing Your Motorola Talkabout 182c Phone**

It's a good idea to test your service by calling a friend or family member, from your Motorola Talkabout phone. Start by using the phone number and the PIN, if required, that your service provider gave you, then try making a call. When you reach a friend or family member, ask them to call you back.

Refer to the following sections for information about making and receiving calls. If your phone does not make or receive calls, contact your service provider. After you have tested your phone, read the rest of this guide to learn about the many useful features of your new phone.

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## Making and Ending Calls

### Making a call

1. Enter the number you want to call. You can dial phone numbers with up to 32 digits.
   - Press ⟨CLR⟩ to erase one digit at a time if you make a mistake. Press and hold ⟨CLR⟩ to erase the entire entry.

2. Press ⟨SEND⟩ to place the call.
   - You will see: Calling...312-555-1212.
   - When your call connects, you will hear a beep.
   - If you press ⟨SEND⟩ without entering a number, your phone will dial the last number entered.

3. Begin to talk.
   - Press the ⟨▲⟩ or ⟨▼⟩ to adjust the earpiece volume while in a call.
   - You can also adjust the earpiece volume from the features menu.

### Ending a call

When you want to hang up, press ⟨END/♨⟩. (When you press ⟨END/♨⟩, the call timer will remain on the screen for about 2 seconds.)

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**Redialing Numbers**

*Automatic Redial*

The wireless system may occasionally be too busy to handle your call. If this is the case, you may hear a fast busy signal. With Automatic Redial, your phone will repeat the call attempt over the next four minutes. When the call succeeds, you will hear a ring- back tone until the person you are calling answers. To make this feature even easier, turn the Instant Redial feature ON. When Instant Redial is turned on, your phone will instantly redial after a fast busy signal, without pushing a button.

*Redial*

If you hear an ordinary busy signal;

1. Press (END/٤) to hang up.
2. Press (SEND) to redial. You will see: Calling....

**Receiving Calls**

Your phone must be ON to receive calls.

When a call is incoming:

- an alert will sound and/or vibrate.
- the Service Light will blink.

Also, you will see: "Incoming Call... "

You can choose your phone's alert. Select from four ringer styles, ten melodies or choose silent vibration mode.

## Answering a Call

To answer a call;

1. Press $\overline{\text{SEND}}$ or any other key on your phone with the exception of the $\overline{\text{END/}}$.

2. When you want to hang up, press $\overline{\text{END/}}$.

   • Call timer will remain on the screen for about 3 seconds.

   • Your phone allows quick access to the caller's phone number, just press $\overline{\text{SEND}}$.

## Caller ID

If Caller ID is active on your phone, you will be able to see who is calling before you answer. The display will show both the caller's name (if stored in your phone book) and the caller's number.

**Note:** Function depends on your service provider. Please contact your service provider for more information.

If you prefer to always see your caller's number, turn Number Preference ON.

## Unanswered Call Indicator

Even with the latest wireless technology, sometimes you are unavailable to answer calls.

Making and Ending Calls

When you cannot take a call, your phone keeps a count of your unanswered call with the following message,

"Missed Call:[xx] 11:10am", where xx is the number of missed calls. If there are more than 2 missed calls, use the $\bigtriangleup$ or $\bigtriangledown$ key to scroll through the entire list.

• Press any key to clear the display and you can begin placing calls again.

If you subscribe to Caller ID service, you can easily return the calls that you missed.

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## Call Waiting

If you subscribe to Call Waiting through your Service Provider you may hear a tone while on a call, including that you are receiving a second call.

1. Press $\overset{\text{SEND}}{\frown}$ to answer the call and automatically place the current call on hold.

2. Press $\overset{\text{END/}\textcircled{\tiny o}}{\frown}$ to end the current call. Your phone will then ring as usual. Press $\overset{\text{SEND}}{\frown}$ to answer the call.

### To make a call by using stored numbers

#### Speed Dial

If you know the memory location of the number you wish to call, you can use the Speed Dial function.

1. Enter the two-digit memory location, 01 ~ 99.

2. Press $\overset{\text{SEND}}{\frown}$ to call. The number stored in the memory location you entered will be dialed. You will see: Calling...

Or

1. Enter the first digit of memory location.

2. Press and hold the second digit of memory location to call. The number stored in the memory location you entered will be dialed. You will see: Calling...

Making and Ending Calls

### *Turbo Dial*

The Turbo dial keys let you dial numbers stored in locations 01 ~ 09 with the push of a button.

• Press and hold the memory location number of the entry you want to call, $\left(1_{MEM}\right)$ through $\left(9_{WXYZ}\right)$ , and your call is placed. You will see: Calling...

Your phone's Priority Call feature gives you unrestricted access to any number stored in location 01, even if your phone is locked. See "Priority Call" on page 63.

### **Pause Dialing**

When you call automated systems like Voice mail or bank by phone, a recorded message prompts you to enter PIN numbers, account numbers, etc. The Pause Dialing feature can make automated systems easier to use by allowing you to store these numbers in the same memory location as the automated systems access number. You can separate each set of numbers with a pause "P" - a special character that tells your phone to wait before sending additional numbers.

**Making and Ending Calls**

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### *Storing a number with pause dialing*

The pause occupies a one-digit space in your phone's memory. Once you have entered a string of numbers and pauses, store the string in the same way you store other entries.

1. Enter the phone number you use to access the automated system.

2. Press ⌒ to insert pause character. You will see a pause character "P" inserted into the number entry.

3. Enter the next group of numbers, for example, your PIN number. If the automated system requires a * or #, enter those symbols, too.

4. Repeat previous two step as many times as necessary. Press ⌒. Enter a two-digit location, press ⌒ enter a name, then press ⌒, choose the number type then press ⌒. You will see: −Stored− on the display.

### Using Pause Dialing

Once stored, you may recall the entry and place the call. All of the digits you have stored will be recalled, but your phone only sends the tones for the set of numbers before the first pause.

1. Enter the two-digit memory location of the Pause Dialing number and press ⌒SEND⌒. Your phone will dial the access number and wait for your input it when reaches the first pause.

2. When the automated system prompts you for information, press $\overset{\text{SEND}}{\bigcirc}$ to send the next group of numbers. Repeat this step to send each group of numbers that you have stored.

3. Press $\overset{\text{END/}}{\bigcirc}$ to end the call.

## Phone Book

### Storing Names and Numbers

Each memory location (01-99) can store up to three numbers. For a single contact, you can store several numbers, such as a home phone number, mobile number and an office phone number.

1. Enter the phone number you want to store. You can store up to 32 digits per phone number memory.

2. Press $\overset{\text{FCN/}}{\text{STO}}$ to begin storing. You will see: [Location] [xx] where xx is the memory location.

3. Press $\overset{\text{FCN/}}{\text{STO}}$ to store the sequence in the available displayed location or enter a new two digit location number, or press $\overset{}{\text{CLR}}$ to erase the location number and enter a new two-digit location number then press $\overset{\text{FCN/}}{\text{STO}}$.

4. After you enter a location press $\overset{\text{FCN/}}{\text{STO}}$. Enter a name to identify the phone number

(See Entering name in the next for help) then press $\left(\begin{smallmatrix} \text{FCN} \\ \text{STO} \end{smallmatrix}\right)$.

5. Enter a name to identify the phone number. If you press $\left(\begin{smallmatrix} \text{FCN} \\ \text{STO} \end{smallmatrix}\right)$ without entering a name, the phone stores the number without a corresponding name.

6. If you entered a name, press $\left(\begin{smallmatrix} \text{FCN} \\ \text{STO} \end{smallmatrix}\right)$ when you are finished. You will see:
   What number:
   >Home".

7. Press $\left(\begin{smallmatrix} \blacktriangle \end{smallmatrix}\right)$ or $\left(\begin{smallmatrix} \blacktriangledown \end{smallmatrix}\right)$ to select the number type (home, mobile or office) Then press
   $\left(\begin{smallmatrix} \text{FCN} \\ \text{STO} \end{smallmatrix}\right)$. -Stored- briefly displays followed by another num?.
   • If there is a stored number in this type selected, you will see:
     This numtype is used
     Overwrite?"
     If you want to change the number, select "Yes" by pressing $\left(\begin{smallmatrix} \blacktriangle \end{smallmatrix}\right)$ or $\left(\begin{smallmatrix} \blacktriangledown \end{smallmatrix}\right)$ then
     press $\left(\begin{smallmatrix} \text{FCN} \\ \text{STO} \end{smallmatrix}\right)$. Edit the phone number. Then press $\left(\begin{smallmatrix} \text{FCN} \\ \text{STO} \end{smallmatrix}\right)$ to save the new number
     when finished.

8. If you have more numbers to store, select "Yes" by pressing $\left(\begin{smallmatrix} \blacktriangle \end{smallmatrix}\right)$ or $\left(\begin{smallmatrix} \blacktriangledown \end{smallmatrix}\right)$ then
   press $\left(\begin{smallmatrix} \text{FCN} \\ \text{STO} \end{smallmatrix}\right)$. You will see:
   What number:
   >Office".
   If you want to exit this function, select "No" then press $\left(\begin{smallmatrix} \text{FCN} \\ \text{STO} \end{smallmatrix}\right)$.

Phone Book

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- Enter up to two numbers per location. Press $\boxed{\text{FCN/STO}}$ when finished entering numbers.

9. Press $\boxed{\text{END/①}}$ to exit this function.

**Entering Names**

You can use the keypad to produce any letter in the alphabet. Use the letters printed on the key as a guide. For example, press $\boxed{2_{ABC}}$ to enter the letters "A", "B", or "C" as shown:

- Press one time to insert an "A"
- Press two times to insert an "B"
- Press three times to insert a "C"
- Press four times to insert a "2"
- Press five times to insert an "À"
- Press six times to insert an "Ã"
- Press seven times to insert an "Á"
- Press eight times to insert an "Â"
- Press nine times to insert a "Ç"

To enter a name into the phone book:

1. Press a key as many times as necessary to enter the desired letter. The next letter on the key will appear with each press.

- Press $\bigodot$ or $\bigodot$ to toggle between upper and lower case letters. The cursor advances automatically to the next space after you enter a character, or after a short period of inactivity. If you are repeating a character, then press $(\#\blacktriangleright)$ to advance the cursor to the next space. If you make an error, press $\overline{\textsf{clr}}$ to erase a character.

2. Press $(1_{\text{MEN}})$ to scroll through the available punctuation marks: Space . 1 @ ? ! , & : ; " ( ) ' ¿ ¡ % $ _

3. Enter up to 12 letters. Press $\overline{\textsf{FCN/}\atop \textsf{STO}}$ when you are finished.

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Press the appropriate keys to generate the characters shown in the following table:

| Key | Characters |
|---|---|
| (1ᴍᴇɴ) | Space . 1 @ ? ! , & : ; " ( ) ' ¿ ¡ % $ _ |
| (2ᴀʙᴄ) | A B C 2 À Ã Á Â Ç |
| (3ᴅᴇꜰ) | D E F 3 É È Ê |
| (4ᴳᴴᴵ) | G H I 4 Í |
| (5ᴸᴼᶜᴷ) | J K L 5 |
| (6ᴹᵁᵀᴱ) | M N O 6 Ñ Ò Õ Ó Ô |
| (7ᴾ�QᴿS) | P Q R S 7 |
| (8ᵀᵁⱽ) | T U V 8 Ù Ú Ü |
| (9ᵂˣʸᶻ) | W X Y Z 9 |
| (0ᴼᴾᴱᴿ) | + - 0 x * / = > < # § [ ] |

**Phone Book**

**To send your own number**

**Note:** This feature is only available while calling a pager number.

This feature allows you to send a call-back number (your phone number) to a pager without entering your phone number.

**Note:** Function depends on your service provider. Please contact your service provider for more information.

1. Dial the pager's telephone number.

2. Press $\left(\begin{smallmatrix} FCN/ \\ STO \end{smallmatrix}\right)$ $\left(2_{ABC}\right)$ during a call to send your phone number to the pager.

**Scratchpad**

If you need to remember a telephone number, but you do not want to save the number, in your phone's memory use the Scratchpad. The scratchpad is helpful if you are on the phone and your party gives you another number to call.

1. Enter the number with the keypad. (The person on the line will hear tones as you dial)

2. Press $\left(\begin{smallmatrix} FCN/ \\ STO \end{smallmatrix}\right)$ $\left(3_{DEF}\right)$ during a call.

3. Edit Number and press $\left(\begin{smallmatrix} FCN/ \\ STO \end{smallmatrix}\right)$.

4. After you end the call, press $\left(\text{SEND}\right)$ to call the number in the Scratchpad.

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**Muting the Microphone**

If you would like privacy while a call is in progress, you may mute the microphone
- you can hear the party on the other end, but they can not hear you.

1. Press $\boxed{\text{FCN}\atop\text{STO}}$ $\boxed{6\text{MNO}\atop\text{MUTE}}$ during a call to mute the microphone. You will see: $-\text{Muted}-$.

2. Press $\boxed{\text{FCN}\atop\text{STO}}$ $\boxed{6\text{MNO}\atop\text{MUTE}}$ again to resume your conversation.

## Short Key Menu

The short Key menu provides quick access to other features on your phone. You can
access The ShortKey menu when you press $\boxed{\text{FCN}\atop\text{STO}}$.

**Main Menu**

This feature allows you to display the Main Menu.

Press $\boxed{\text{FCN}\atop\text{STO}}$ $\boxed{1\text{MEN}}$.

• You will see "1:Phone Book, 2:Timer, 3:Tone Ctrl, 4:Lock/Secur,
  5:Phone Opt, 6:PIMS, 7:Message".

**Short Key Menu**

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**Analog Mode Only**

Analog Mode Only tells your phone to select the analog channel for the next call. If you do not make a call, your phone will revert to dual mode service after a few minutes.

Availability of this feature depends on your network.

**Note:** Some peripheral devices require analog operation.

1. Press $\boxed{\substack{FCN/\\STO}}$ $\boxed{2_{ABC}}$ to turn the feature ON or OFF.

When your phone is in Analog Mode, the $\boxed{D}$ (digital mode) icon will not appear on the display.

**Message**

Once you have stored entries, you can use shortkey Message Function in the Main Menu. For more details, see "Message" on page 78.

The message function provides access to your phone's new and easy Messaging Menu. Through this menu, you can check your voice messages, read, send and delete text Messages.

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Press $\overset{\text{FCN/}}{\text{STO}}$ $\overset{3\boxtimes}{\text{DEF}}$.

- You will see "1:Voice Msg, 2:Text Msg, 3:Send Msg, 4:Delete Msg, 5:BC SMS".

The BC SMS feature may not be available in your area. Please contact your service provider for more information.

## Battery

This feature provides a more detailed view of the battery charge status.

Press $\overset{\text{FCN/}}{\text{STO}}$ $\overset{4\,\text{BATT}}{\text{GHI}}$ to display the battery status.

## Key Lock

Once you have stored entries, you can use shortkey Key Lock Function in Message Menu. For more details, read the section "Auto Lock" on page 62.

1. Press $\overset{\text{FCN/}}{\text{STO}}$ $\overset{5\,\text{LOCK}}{\text{JKL}}$.

- If you want to return to unlock mode, you must enter your four-digit lock code.

**Note:** Keep in mind: You can still receive calls when the phone is locked.

**Short Key Menu**

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**Mute**

If you would like privacy while a call is in progress, you may mute the microphone - you can hear the party on the other end, but they will not hear you.

1. Press $\binom{FCN}{STO}$ $\binom{6^{MUTE}_{MNO}}{}$ during a call to mute the microphone. You will see: MUTE blinking.

2. Press $\binom{FCN}{STO}$ $\binom{6^{MUTE}_{MNO}}{}$ again to resume your conversation.

   **Note:** This feature can only be used during a call.

   **Note:** This function is also described in the short key section of this user's guide.

**Ring Option**

This feature changes the ring option. If you press $\binom{FCN}{STO}$ $\binom{8^{VIB}_{TUV}}{}$ repeatedly, the ringer mode switches between Ring Only, Vibrate Only and Vibrate then Ring.

Press $\binom{FCN}{STO}$ $\binom{8^{VIB}_{TUV}}{}$. Ring option changes. The ring option icon appears on the left upper corner of the display.

- Ring only 🔊
- Vibrate only 📳
- Vibrate then Ring 📳🔊

Short Key Menu

# Menu Features

Press $\boxed{\text{FCN} \atop \text{STO}}$ $\boxed{1_{\text{MEN}}}$ $\boxed{1_{\text{MEN}}}$ to access the main menu at any time.

## Phone Book

This feature provides a place to store and recall display numbers that were previously stored in the phone book, and also manage your phone book and call list.

### *Recalling by Name*

Once you have stored entries, you can recall them alphabetically with the Phone Book menu. Find the name, and choose the number, if more than two numbers are stored in a location and instantly place a call.

1. Press $\boxed{\text{FCN} \atop \text{STO}}$ $\boxed{1_{\text{MEN}}}$ $\boxed{1_{\text{MEN}}}$ $\boxed{1_{\text{MEN}}}$. You will see: Name?.
2. Enter the first letter of the name you want to recall.
3. Press $\boxed{\text{FCN} \atop \text{STO}}$ to select the entry.

Your phone displays the first name in the phone book that begins with that letter. If no entry beginning with that letter is found, No x,s in memory is displayed (where x is the letter pressed).

4. If necessary, press $\bigcirc$ or $\bigcirc$ to scroll to the name you are looking for.
5. Press $\boxed{\text{FCN} \atop \text{STO}}$ to select the name. Then you will see the memory location, name,

phone number and number type. The xx refers to the memory location number.

6. Press $\langle *\rangle$ or to find another number type such as office, mobile in the same memory location

7. Press $\langle \blacktriangle \rangle$ or $\langle \blacktriangledown \rangle$ to select another name and number in the next or previous memory location.

8. Press (SEND) to call the selected number. You will see "Calling....

9. Press (END/☉) to end the call.

### *Editing a number*

If you want to edit the number, press $\langle \blacktriangle \rangle$ or $\langle \blacktriangledown \rangle$ to select the location number. Press $\langle *\rangle$ or $\langle \# \rangle$ to select the number type (home, office and mobile).

Press (FCN/STO) to delete, modify and add the number in the selected location.

### *Delete*

If you select the delete option, all of the numbers (home, office, mobile) in that location are erased.

Menu Features

### *Modify and Add*

If you select modify, you can modify and add the number for each type. You will see the number stored in that location. If you want to change the number, press $\text{\small CLR}$ to erase the number and then enter the new number or enter the number if no number is stored in that location, then press $\text{\small FCN/STO}$. You will see:-Changed-.

### *Recalling by Location*

Each entry you store is placed in a memory location numbered 01 ~ 99. Once you have stored the entry, you can use this feature to recall telephone numbers by the memory location number.

1. Press $\text{\small FCN/STO}$ $\text{\small 1MEN}$ $\text{\small 1MEN}$ $\text{\small 2ABC}$. You will see: Location [xx] where xx is the first memory location number which has a phone number stored.

2. Enter the two-digit memory location of the number you are looking for then press $\text{\small FCN/STO}$. You will see the name, phone number and number type. The xx means memory location number.

3. Press $\text{\small *}$ or $\text{\small #}$ to find another number such as office, mobile in same location. Press $\text{\small ▲}$ or $\text{\small ▼}$ to scroll to memory location.

4. Press $\text{\small SEND}$ to call the selected number. You will see: Calling....

5. Press $\text{\small END/⏻}$ to end the call.

Menu Features

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### Phone Book Status

Use this feature to see how many of your Phone Book's 99 locations have been used.

1. Press $\boxed{\text{FCN/STO}}$ $\boxed{1_{MEN}}$ $\boxed{1_{MEN}}$ $\boxed{3_{DEF}}$. To display phone book status:
   xx In Use xx Empty.
2. Press $\boxed{\text{END/}\phi}$ to exit menu.

### Viewing My Number

Use this feature to view your phone's currently active number.

1. Press $\boxed{\text{FCN/STO}}$ $\boxed{1_{MEN}}$ $\boxed{1_{MEN}}$ $\boxed{4_{BATT/GHI}}$. The display shows the currently active number
2. Press $\boxed{\text{END/}\phi}$ to exit menu.

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## Last Calls List

Your phone keeps a list of the last ten numbers you have dialed.

1. Press $\overset{\text{FCN/}}{\text{STO}}$ $\overset{1_{\text{MEN}}}{}$ $\overset{1_{\text{MEN}}}{}$ $\overset{5^{\text{LOCK}}_{\text{JKL}}}{}$. The display shows the last number you dialed as well as the time and date of the calls.

2. Press $\bigcirc$ or $\bigcirc$ to scroll through the list of calls made.

3. Press $\overset{}{\text{CLR}}$ to erase the call made.

4. Press $\overset{}{\text{SEND}}$ to call the number in the display.

5. Press $\overset{}{\text{END/}}$ to end the call.

The short key function $\overset{\text{FCN/}}{\text{STO}}$ $\overset{2_{\text{ABC}}}{}$ provides the identical information.

## Incoming Calls List

Your phone keeps track of the last ten telephone calls you have received.

**Note:** Function depends on your service provider. Please contact your service provider for more information.

1. Press $\overset{\text{FCN/}}{\text{STO}}$ $\overset{1_{\text{MEN}}}{}$ $\overset{1_{\text{MEN}}}{}$ $\overset{6^{\text{MUTE}}_{\text{MNO}}}{}$. The display shows the number of incoming calls you have received as well as the time and date of the calls.

2. Press $\bigcirc$ or $\bigcirc$ to scroll through the list of incoming calls received, including the time, date, and number.

3. Press $\widehat{c_{LR}}$ to erase the call received.

4. Press $\overline{SEND}$ to call the number in the display. You will see: Calling....

5. Press $\overline{END/\bigcirc}$ to end the call.

**Unanswered Calls List**

Your phone keeps a list of the ten missed incoming calls you have received. This function must be supported by Caller ID.

1. Press $\overline{\underset{STO}{FCN/}}$ $\overline{1_{MEN}}$ $\overline{1_{MEN}}$ $\overline{7_{PQRS}}$. The display shows the number of unanswered incoming calls you have received as well as the time and date of the calls.

2. Press $\overline{\blacktriangle}$ or $\overline{\blacktriangledown}$ to scroll through the list of unanswered incoming calls received, including the time, date, and number.

3. Press $\widehat{c_{LR}}$ to erase the missed call received.

4. Press $\overline{SEND}$ to call the number in your display. You will see: Calling....

5. Press $\overline{END/\bigcirc}$ to end the call.

**PRELIMINARY**

# Timers

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

Network Connection Time is the elapsed time, in one-minute intervals, from the moment you connect to your service provider's network to the moment you end the call by pressing $\overline{\text{END/}()}$. The time includes busy signals and ringing. The amount of network connection time you track on your Resettable timer may not be equal to the amount of time for which you are billed by your wireless service provider. For billing information, please contact your service provider directly.

### Individual Timer

The individual Call Timer feature enables you to view at any time, the air-time of the most recent call or of the call in progress. Air time is displayed in minutes and seconds.

This timer resets when you place the next call.

1. Press $\overline{\text{FCN/STO}}$ $\overline{1_{\text{MEN}}}$ $\overline{2_{\text{ABC}}}$ $\overline{1_{\text{MEN}}}$. Your phone displays the air-time of the last call in minutes (xx) and seconds (yy).

2. Press $\overline{\text{END/}()}$ to exit the menu.

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**Resettable Timer**

You can track how much air time you have accumulated whenever you want.

To view elapsed air time:

1. Press $\overset{\text{FCN}}{\underset{\text{STO}}{\circ}}$ $\overset{\text{1}}{\underset{\text{MEN}}{\circ}}$ $\overset{\text{2}}{\underset{\text{ABC}}{\circ}}$ $\overset{\text{2}}{\underset{\text{ABC}}{\circ}}$. Your phone displays the number of calls (zzz), the elapsed time in minutes (xxxx) and seconds (yy) of the air time accumulated since you last reset the timer.

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

To reset the timer:

1. Press $\overset{\text{CLR}}{\circ}$.
2. Press $\overset{\blacktriangle}{\bigcirc}$ or $\overset{\blacktriangledown}{\bigcirc}$ to select "Yes" or "No" then press $\overset{\text{FCN}}{\underset{\text{STO}}{\circ}}$. You will see: Cleared, if you selected "Yes".
3. Press $\overset{\text{END/}}{\circ}$ to exit.

**Cumulative Timer**

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

1. Press $\overset{\text{FCN}}{\underset{\text{STO}}{\circ}}$ $\overset{\text{1}}{\underset{\text{MEN}}{\circ}}$ $\overset{\text{2}}{\underset{\text{ABC}}{\circ}}$ $\overset{\text{3}}{\underset{\text{DEF}}{\circ}}$. You will see the total air-time in minutes since your

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phone was activated.

2. Press (END/ᵯ) to exit menu.

**One Minute Audible Timer**

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

1. Press (FCN/STO) (1ᴹᴱᴺ) (2ᴬᴮᶜ) (4ᴮᴬᵀᵀᴳᴴᴵ). You will see "1min Timer?"

2. Press (▲) or (▼) to select On or Off then press (FCN/STO).

3. Press (END/ᵯ) to exit.

**World Clock**

This feature shows the time in major cities in the world.

*Select a City*

Select the city that represents the time zone where the phone is normally used.

1. Press (FCN/STO) (1ᴹᴱᴺ) (2ᴬᴮᶜ) (5ᴸᴼᶜᴷJKL) (1ᴹᴱᴺ). You will see:

Base City:>Seoul, Tokyo.

2. Press (▲) or (▼) to select the city which represents the place where you want to see the current time then press (FCN/STO). You will see the city name, date and time.

3. Press (END/ᵯ) to exit.

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**View Time**

1. Press $\boxed{\text{FCN/}\atop\text{STO}}$ $\boxed{1_{\text{MEN}}}$ $\boxed{2_{\text{ABC}}}$ $\boxed{5_{\text{JKL}}^{\text{LOCK}}}$ $\boxed{2_{\text{ABC}}}$.

2. Press $\boxed{\blacktriangle}$ or $\boxed{\blacktriangledown}$ to select the city where you want to see the time then press $\boxed{\text{FCN/}\atop\text{STO}}$. You will see the city name, date and time.

3. Press $\boxed{\text{END/\textcircled{I}}}$ to exit.

**Note:** The time displayed for the cities only indicates the time zone difference and does not account for time differences due to daylight saving time.

## Alarm

You can set your phone to alert you at a specific time, like an alarm clock. You can set your phone's alarm time.

**Setting the Alarm**

1. Press $\boxed{\text{FCN/}\atop\text{STO}}$ $\boxed{1_{\text{MEN}}}$ $\boxed{2_{\text{ABC}}}$ $\boxed{6_{\text{MNO}}^{\text{MUTE}}}$ $\boxed{1_{\text{MEN}}}$.

2. Press $\boxed{\blacktriangle}$ or $\boxed{\blacktriangledown}$ to select desired setting "Once" or "Everyday" then press $\boxed{\text{FCN/}\atop\text{STO}}$.

   - If you select "Once" you will see: [Set date]. If you select the "everyday" you will see "[Set Time]".
   - Enter the month and date then press $\boxed{\text{FCN/}\atop\text{STO}}$. You will see:[Set Time]. Press $\boxed{\text{CLR}}$ to erase one digit at a time if you make a mistake.

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**Alarm**

- Enter the time and minute then press $\binom{FCN/}{STO}$. Press $\binom{}{CLR}$ to erase one digit at a time if you make a mistake. Press $\binom{}{\ast}$ or $\binom{}{\#}$ to select "AM" or "PM".

3. Press $\binom{END/}{}$ to exit.

4. The alarm icon (🔔) will be displayed when the phone is in standby mode.

**Release (Disabling the Alarm):**

1. Press $\binom{FCN/}{STO}$ $\binom{1}{MEN}$ $\binom{2}{ABC}$ $\binom{6}{MNO}^{MUTE}$ $\binom{2}{ABC}$.

2. Press $\binom{}{\blacktriangle}$ or $\binom{}{\blacktriangledown}$ to select Yes or No then press $\binom{FCN/}{STO}$.

3. Press $\binom{END/}{}$ to exit menu.

4. The alarm icon is removed from the display.

**Alarm**

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# Tone Control

If you've been reading diligently, this may be a good time for a break - put your feet up and have some fun with these features. Use the Tone Control feature to select Silent Mode, personalize your phone's ringer styles, or set the phone to remind you of new messages.

## Silent Mode

When you need to be discreet, just turn Silent Mode ON. All tones will be silenced. The ringer and incoming message tones are replaced by vibrations and the silent mode icon (⊟)is displayed.

1. Press $\boxed{\text{FCN}/\text{STO}}$ $\boxed{1_{\text{MEN}}}$ $\boxed{3_{\text{DEF}}}$ $\boxed{1_{\text{MEN}}}$.
2. Press $\boxed{\blacktriangle}$ or $\boxed{\blacktriangledown}$ to select On or Off then press $\boxed{\text{FCN}/\text{STO}}$.
3. Press $\boxed{\text{END}/\text{⏻}}$ to exit.

## Ringer or Vibrator selection

The vibrate alert is ideal for situations where ringing may not be appropriate, or in noisy places where you might not hear the ringing. When both the ringer and vibrator are ON, the phone alerts you by vibrating then ringing.

1. Press $\boxed{\text{FCN}/\text{STO}}$ $\boxed{1_{\text{MEN}}}$ $\boxed{3_{\text{DEF}}}$ $\boxed{2_{\text{ABC}}}$.

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2. Press $\bigcirc$ or $\bigcirc$ to scroll to Ring Only, Vib Only, Vib $\Rightarrow$ Ring then press $\overset{\text{FCN}}{\underset{\text{STO}}{}}$ to select the displayed option.

   • Ring Only : When you receive a call, your phone rings along with its light flashing.
   • Vib Only : When you receive a call, your phone vibrates along with its light flashing.
   • Vib $\Rightarrow$ Ring : When you receive a call, your phone vibrates for two ring cycles and then rings.

3. Press $\overset{\text{END/}}{\underset{}{}}$ to exit.

   **Note:** You can also select the ring style by using the shortcut $\overset{\text{FCN}}{\underset{\text{STO}}{}}$ $\overset{8\,\text{VIB}}{\underset{\text{TUV}}{}}$.

**Selecting a Ringer Style**

Your new phone offers fourteen different ringer styles. After you choose a ringer style, you will hear a brief sample of your new alert sound.

• Bell : 1 ~ 4 (Default : 1)
• Melody : 5 ~ 14

1. Press $\overset{\text{FCN}}{\underset{\text{STO}}{}}$ $\overset{1}{\underset{\text{MEN}}{}}$ $\overset{3}{\underset{\text{DEF}}{}}$ $\overset{3}{\underset{\text{DEF}}{}}$.

2. Press $\bigcirc$ or $\bigcirc$ to scroll through the list of ringer styles.

3. As you scroll, your phone will play an audible sample of the currently displayed

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ringer style.

4.  Press $\binom{FCN}{STO}$ to select the displayed option.

5.  Press $\left(\text{END/①}\right)$ to exit.

## Keypad Volume

You can adjust the volume of keypad tones. The keypad tones are the sounds you hear when you press a key on your phone's keypad.

1.  Press $\binom{FCN}{STO}$ $\left(1_{MEN}\right)$ $\left(3^{\boxminus}_{DEF}\right)$ $\left(4^{BATT}_{GHI}\right)$.

2.  Press $\left(\blacktriangle\right)$ or $\left(\blacktriangledown\right)$ to select the volume then press $\binom{FCN}{STO}$ to set.

3.  Press $\left(\text{END/①}\right)$ to exit menu.

## Transmit (DTMF) Tones

Your phone transmits tones to communicate with automated systems like Voice Mail or bank by phone. These tones are called DTMF (Dual Tone Multi-Frequency) tones. This feature allows you to control the duration of the tone when a key is pressed. For most systems, you should use the default setting of short tones, which sends the tones for a preset length of time.

If you choose long tones, your phone will transmit the tones for as long as you press and hold the key.

1.  Press $\binom{FCN}{STO}$ $\left(1_{MEN}\right)$ $\left(3^{\boxminus}_{DEF}\right)$ $\left(5^{LOCK}_{JKL}\right)$. You will see "DTMF Select?".

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2. Press ⬆ or ⬇ to scroll Long or Short then press 🔘.

3. Press ⏻ to exit menu.

## Service Tones

When service tones are ON, your phone alerts when there is any change in your wireless service. You will hear two short beeps when your phone (1) starts to roam, (2) returns to a home system after roaming, (3) loses service, or (4) finds service.

**Note:** Your phone will always beep if a call is dropped.

1. Press 🔘 1 3 6. You will see: Service Tone.

2. Press ⬆ or ⬇ to turn the service tone On or Off then press 🔘.

3. Press ⏻ to exit.

## Earpiece Volume

You can adjust your earpiece's volume.

1. Press 🔘 1 3 7.

2. Press ⬆ or ⬇ to adjust your earpiece's volume then press 🔘.

3. Press ⏻ to exit menu.

Tone Control

**Ringer Volume**

You can adjust your ringer's volume.

1. Press $\boxed{\text{FCN/}\atop\text{STO}}$ $\boxed{1_{\text{MEN}}}$ $\boxed{3_{\text{DEF}}^{\boxtimes}}$ $\boxed{8_{\text{TUV}}^{\text{VIB}}}$.

2. Press $\boxed{\blacktriangle}$ or $\boxed{\blacktriangledown}$ to adjust your ringer's volume then press $\boxed{\text{FCN/}\atop\text{STO}}$.

3. Press $\boxed{\text{END/}()}$ to exit.

**Setup Message Tones**

When you receive a new Voice Mail or alphanumeric message, your phone beeps three times. You can change the number of beeps or turn them OFF.

*Text Message Tone*

1. Press $\boxed{\text{FCN/}\atop\text{STO}}$ $\boxed{1_{\text{MEN}}}$ $\boxed{3_{\text{DEF}}^{\boxtimes}}$ $\boxed{9_{\text{WXYZ}}}$ $\boxed{1_{\text{MEN}}}$.

2. Press $\boxed{\blacktriangle}$ or $\boxed{\blacktriangledown}$ to choose 3 beeps, 1 beep, Off then press $\boxed{\text{FCN/}\atop\text{STO}}$ to select the displayed option.

3. Press $\boxed{\text{END/}()}$ to exit menu.

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### *Voice Mail Tone*

1. Press (FCN/STO) (1MEN) (3DEF) (9WXYZ) (2ABC).

2. Press (▲) or (▼) to choose 3 beeps, 1 beep, Off then press (FCN/STO) to select the displayed option.

3. Press (END/(l)) to exit.

### **Reminder Tones Setup**

If you subscribe to messaging services, this feature can help to remind you when you have unread messages. Turn Message Reminder Tones ON and your phone will beep and /or vibrate every two minutes when there are unread messages. This feature is very helpful if you are busy or away from your phone.

1. Press (FCN/STO) (1MEN) (3DEF) (0OPER).

2. Press (▲) or (▼) to to choose Remind once, Every 2 MIN or Release, and then press (FCN/STO).

3. Press (END/(l)) to exit.

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# Lock/Security

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

## Auto Lock

Turn this feature ON and your phone will automatically lock itself when the phone is turned OFF.

1. Press $\begin{smallmatrix}\text{FCN}\\\text{STO}\end{smallmatrix}$ $\textbf{1}_\text{MEN}$ $\textbf{4}^\text{BATT}_\text{GHI}$ $\textbf{1}_\text{MEN}$.

2. Press $\bigcirc$ or $\bigcirc$ to toggle the feature On or Off the press $\begin{smallmatrix}\text{FCN}\\\text{STO}\end{smallmatrix}$.

3. Press $\text{(END/}\text{(l)})$ to exit.

## Locking The Phone

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

1. Press $\begin{smallmatrix}\text{FCN}\\\text{STO}\end{smallmatrix}$ $\textbf{5}^\text{LOCK}_\text{JKL}$. You will see –Lock Mode–.

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**Unlocking the Phone**

Unlocking your phone is quick and easy. When your phone is ON, enter your four-digit code. Your factory programmed lock code is 1234.

If you have changed the lock code and cannot remember what it is, see "Viewing the Lock Code" on page 64

**Note:** You can still receive calls when the phone is locked.

**Priority Call**

Your phone's priority call feature allows you to instantly place a call from location 01 - even when your phone is locked.

**Note:** Some wireless systems only allow access to their own emergency numbers. Check with your Service Provider for more information.

1.  Press $\begin{smallmatrix}FCN/\\STO\end{smallmatrix}$  $1_{MEN}$  $4^{BAT?}_{GHI}$  $2_{ABC}$ .

2.  Press $\bigtriangleup$ or $\bigtriangledown$ to toggle the feature On or Off and then press $\begin{smallmatrix}FCN/\\STO\end{smallmatrix}$ .

*Placing a Priority Call*

When Priority Call is ON, Press & hold $1_{MEN}$ at any time.

### Security Options

For your protection, you must enter a six-digit security code in order to access the features in the Secure Options submenu. The factory programmed secure code is 000000.

#### Viewing the Lock Code

You can see the four-digit lock code.

1. Press $\boxed{\text{FCN/STO}}$ $\boxed{1_{\text{MEN}}}$ $\boxed{4_{\text{GHI}}^{\text{BATT}}}$ $\boxed{3_{\text{DEF}}^{\boxtimes}}$.

2. Enter the six digit security code then press $\boxed{1_{\text{MEN}}}$. You will see:
   View Code
      xxxx"

3. Press $\boxed{\text{END}/\text{()}}$ to exit.

#### Changing the Lock Code

To change the four-digit lock code:

1. Press $\boxed{\text{FCN/STO}}$ $\boxed{1_{\text{MEN}}}$ $\boxed{4_{\text{GHI}}^{\text{BATT}}}$ $\boxed{3_{\text{DEF}}^{\boxtimes}}$.

2. Enter the six digit security code then press $\boxed{2_{\text{ABC}}}$. You will see:
   Enter New Code ____.

3. Enter a new three four digit lock code. You will see:
   New Lock Code xxxx"

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4. Press (END/ًꞮ) to exit.

## *Changing the Security Code*

The default Security Code is a six-digit number factory set to 000000. You should change it to something unique and easy to remember.

1. Press (FCN/STO) (1MEN) (4BATT) (3DEF).

2. Enter the six digit security code then press (3DEF). You will see:

   Enter New Code _____"

3. Enter a new six digit lock code. Your phone will briefly display the new code:

New Secure Code xxxxxx

4. Press (END/ًꞮ) to exit.

## **Service Level**

When loaning your phone to others, you may want to restrict call placement or protect memory information. Your phone has two service levels that allow you to control the types of outgoing calls that can be made from your phone.

1. Press (FCN/STO) (1MEN) (4BATT) (3DEF).

2. Enter the six digit security code then press (4BATT).

3. Press (▲) or (▼) to scroll through service level settings then press (FCN/STO).

Your phone has two service levels:
- Level 1: Calls can be placed from memory locations 1 ~ 10 only.
    - No dialing from keypad.
- No memory edit or storage.
- No access to name directory.
- No access to last call list
- Level 4:This is the default setting.
    - No restrictions.

4. Press (END/◁) to exit.

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## Master Reset

Use this feature to reset all user-selectable options back to their original factory settings.

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

1. Press $\boxed{\text{FCN/STO}}$ $\boxed{1_{\text{MEN}}}$ $\boxed{4_{\text{GHI}}^{\text{BATT}}}$ $\boxed{3_{\text{DEF}}^{\boxtimes}}$.
2. Enter the six digits security code then press $\boxed{5_{\text{JKL}}^{\text{LOCK}}}$.
3. Press $\boxed{\blacktriangle}$ or $\boxed{\blacktriangledown}$ to scroll through "Yes" or "No" then press $\boxed{\text{FCN/STO}}$. You will see Powering Off.
4. Press $\boxed{\text{END/}\textcircled{}}$ to exit.

## Master Clear

Use Master Clear to reset all user-selectable options, the resettable timer, the Phone Book, and the Messaging memory.

**Note:** Keep in mind: Once you use this feature, the process cannot be canceled or reversed.

1. Press $\boxed{\text{FCN/STO}}$ $\boxed{1_{\text{MEN}}}$ $\boxed{4_{\text{GHI}}^{\text{BATT}}}$ $\boxed{3_{\text{DEF}}^{\boxtimes}}$.
2. Enter the six digit security code and then press $\boxed{6_{\text{MNO}}^{\text{MUTE}}}$. You will see: Master Clear?.

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3. Press $\bigcirc$ or $\bigcirc$ to select "Yes" or "No" then press $\overset{\text{FCN}}{\underset{\text{STO}}{}}$. You will see: Master Reset

4. It will take a few seconds to reset all of your phone's options back to their factory settings.

You will see: -deleted-.

5. Press $\overset{\text{END/\textcircled{\textsmaller{1}}}}{}$ to exit menu.

## Phone Options

The Phone Options menu is your "command center" for adjusting the way your phone sends and receives calls. You can fine tune your phone for optimal performance, view information about your phone's settings, and much more.

### Change Number

Your phone can be activated with up to two unique phone numbers. Your phone can operate on two different home systems. If you travel often, you can have your phone programmed with two cellular numbers in order to reduce roaming. You can then change your active number to the one appropriate for the area you are in. When your phone has two numbers, both are designated as your home system, but only one can be active at a time. Calls are placed and received by the currently active number only. Each time you turn your phone ON, you see a activated phone number.

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**Note:** Only one number can be active on your phone at a time.

1. Press $\boxed{\text{FCN/}_{\text{STO}}}$ $\boxed{1_{\text{MEN}}}$ $\boxed{5^{\text{LOCK}}_{\text{JKL}}}$ $\boxed{1_{\text{MEN}}}$. The display will show your phone's currently active number

2. Press $\boxed{\blacktriangle}$ or $\boxed{\blacktriangledown}$ to scroll through the list of phone numbers programmed into your phone then press $\boxed{\text{FCN/}_{\text{STO}}}$.

3. Press $\boxed{\text{END/()}}$ to exit.

## Call Options

This submenu gives you control over the way your phone places and receives calls.

### PIN

### Activating PIN Code (Contact your Service Provider for availability)

Your Service Provider may require a Personal Identification Number (PIN) when placing calls. If so, you will probably want to activate this feature, which allows you to send your PIN code with one touch of a button.

**Note:** If you enter a service area that does not require a PIN code, make sure PIN Inactive is set.

1. Press $\boxed{\text{FCN/}_{\text{STO}}}$ $\boxed{1_{\text{MEN}}}$ $\boxed{5^{\text{LOCK}}_{\text{JKL}}}$ $\boxed{2_{\text{ABC}}}$ $\boxed{1_{\text{MEN}}}$.

2. Press $\boxed{\blacktriangle}$ or $\boxed{\blacktriangledown}$ to toggle the feature Active or Inactive then press $\boxed{\text{FCN/}_{\text{STO}}}$.

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### *Making a Call with PIN Code Active*

When you make a call with PIN Code active, your phone will queue the number stored in location 07 and then send it when you press the $\overline{\text{SEND}}$.

1. Enter the number to be called, or recall it from memory and press $\overline{\text{SEND}}$.

2. After the call is placed, the system will prompt you for your PIN code. Press $\overline{\text{SEND}}$ to send the PIN code.

**Note:** If you see `Invalid PIN`, the menu feature may be active but your PIN code is not stored in location 07. The PIN code must be less than seven digits.

### *Any Key Answer*

With Any Key Answer ON, you can answer calls by pressing any key on the keypad except for the $\overline{\text{END/}}$ key.

1. Press $\overline{\text{FCN/}}$ $\overline{\text{1}_{\text{MEN}}}$ $\overline{\text{5}_{\text{JKL}}^{\text{LOCK}}}$ $\overline{\text{2}_{\text{ABC}}}$ $\overline{\text{2}_{\text{ABC}}}$.

2. Press $\overline{\smile}$ or $\overline{\smile}$ to toggle the feature On or Off then press $\overline{\text{FCN/}}$.

3. Press $\overline{\text{END/}}$ to exit.

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### *Auto Answer*

Turn Auto Answer ON to have your phone automatically answer incoming calls after two ring cycles.

1. Press $\boxed{\text{FCN}_{\text{STO}}}$ $\boxed{1_{\text{MEN}}}$ $\boxed{5_{\text{JKL}}^{\text{LOCK}}}$ $\boxed{2_{\text{ABC}}}$ $\boxed{3_{\text{DEF}}^{\boxdot}}$.

2. Press $\boxed{\blacktriangle}$ or $\boxed{\blacktriangledown}$ to toggle the feature On or Off then press $\boxed{\text{FCN}_{\text{STO}}}$.

3. Press $\boxed{\text{END/}}$ to exit menu.

**Note:** We recommend that you use this feature only with vehicle hands-free accessories or a headset and with your phone's ringer turned on. Otherwise, your phone may answer a call in your absence.

### *Instant Redial*

When placing calls, you may hear a fast busy signal and see:

Press SND to Redial". This probably means the network is temporarily busy. If you turn Instant Redial ON, your phone will redial for the next four minutes or until the call goes through.

1. Press $\boxed{\text{FCN}_{\text{STO}}}$ $\boxed{1_{\text{MEN}}}$ $\boxed{5_{\text{JKL}}^{\text{LOCK}}}$ $\boxed{2_{\text{ABC}}}$ $\boxed{4_{\text{GHI}}^{\text{BATT}}}$.

2. Press $\boxed{\blacktriangle}$ or $\boxed{\blacktriangledown}$ to toggle the feature On or Off then press $\boxed{\text{FCN}_{\text{STO}}}$.

3. Press $\boxed{\text{END/}}$ to exit.

**Note:** This feature redials only when the network is busy. If you hear a normal busy

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signal, this feature will not work.

### Display Options

This submenu allows you to customize your phone's display.

#### Change Language

This feature allows you to select the language of the prompts and messages that your phone displays.

1. Press $\left(\begin{smallmatrix} FCN/ \\ STO \end{smallmatrix}\right)$ $\left(1_{MEN}\right)$ $\left(5_{JKL}^{LOCK}\right)$ $\left(3_{DEF}^{\boxtimes}\right)$ $\left(1_{MEN}\right)$.
2. Press $\left(\blacktriangle\right)$ or $\left(\blacktriangledown\right)$ to select one of the available languages then press $\left(\begin{smallmatrix} FCN/ \\ STO \end{smallmatrix}\right)$.
3. Press $\left(\text{END/\textcircled{1}}\right)$ to exit.

#### Change Banner

You may create your own message banner for the phone to display when it is idle. Your banner can be up to 12 characters long.

1. Press $\left(\begin{smallmatrix} FCN/ \\ STO \end{smallmatrix}\right)$ $\left(1_{MEN}\right)$ $\left(5_{JKL}^{LOCK}\right)$ $\left(3_{DEF}^{\boxtimes}\right)$ $\left(2_{ABC}\right)$.
2. Enter your new banner message using the alphanumeric keypad.
3. If you want to switch from upper case to lower case, press $\left(\blacktriangle\right)$ or $\left(\blacktriangledown\right)$. Press $\left(\text{CLR}\right)$ to erase one character at a time if you make a mistake. Press $\left(\#\blacktriangleright\right)$ to move the cursor to the right.

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4. Press (FCN/STO) to save the banner.

5. Press (END/(I)) to exit.

### *Backlight Select*

Your phone's backlight illuminates when you press a key or your phone receives an incoming call signal. This feature allows you to choose how long it remains ON.

1. Press (FCN/STO) (1MEN) (5LOCK JKL) (3DEF) (3DEF).

2. Press (▲) or (▼) to scroll to Backlight 15 seconds, Backlight 30 seconds, Backlight Always On, or Backlight Always Off, then press (FCN/STO).

3. Press (END/(I)) to exit.

**Note:** Keep in mind: The backlight will always be illuminated when your phone is connected to an external power supply, like a charger or vehicle accessory power source.

### *Auto Hyphen*

Turn Auto Hyphen ON to have all phone numbers automatically hyphenated on the display. This allows you to easily identify area codes, and prefixes in a phone number.

1. Press (FCN/STO) (1MEN) (5LOCK JKL) (3DEF) (4BATT GHI).

2. Press (▲) or (▼) to toggle the feature On or Off then press (FCN/STO).

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3. Press (END/◻) to exit menu.

## System Options

The System Options submenu offers a couple features that will help you use your phone and wireless network.

### Display System ID (Contact your Service Provider for availability)

Use this feature to display the unique System ID number that identifies the wireless system your phone is accessing.

1. Press (FCN/STO) (1MEN) (5JKL) (4GHI) (1MEN). The display shows the system ID for the wireless system where your phone is located.

2. Press (END/◻) to exit.

### Select System Mode

Your Service Provider configures the System Mode when you receive your phone. This feature selects the type of system your phone will attempt to access. See below for a list of available settings.

1. Press (FCN/STO) (1MEN) (5JKL) (4GHI) (2ABC).

2. Press (▲) or (▼) to scroll to Standard, Home only, Scan A, Scan B, then press (FCN/STO).

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- • Standard : Your phone first seeks a home type system, then a non-home
    type system.
- • Home Only : Phone will not operate outside its home system.
- • Scan A : Phone will operate only within non-wireline (A) systems.
- • Scan B : Phone will operate only within wireline (B) systems.

3.   Press (END/()) to exit.

### Analog Only (Contact your Service Provider for availability)

Turning Analog Only ON tells your phone to select an analog channel for the next call.
If you do not place a call, your phone will revert to dual mode service after 10 minutes.

1.   Press (FCN/STO) (1MEN) (5LOCK/JKL) (4BAT7/GHI) (3DEF).
2.   Press (▲) or (▼) to toggle the feature on or off then press (FCN/STO).
3.   Press (END/()) to exit.

**Note:** You can also turn this feature on or off by using the short cut (FCN/STO) (2ABC)
when the phone is in idle state.

### SW Version

This feature displays the Software Version used by your phone. Service personnel
may ask you for this information if you require technical assistance.

1.   Press (FCN/STO) (1MEN) (5LOCK/JKL) (4BAT7/GHI) (4BAT7/GHI).

2. Press (END/ⁱ) to exit.

### *Roam List Version*

This feature displays the Roam List Version used by your phone. If you require technical assistance, you may be asked to check this information.

1. Press (FCN/STO) (1MEN) (5JKL) (4GHI) (5JKL).

2. Press (END/ⁱ) to exit.

## Personal Information Management System (PIMS)

This feature helps you to manage your schedule.

### Schedule Setting

You can set your phone to display a note that you have programmed. This note appears whenever your phone is switched on.

1. Press (FCN/STO) (1MEN) (6MNO) (1MEN)

2. Enter date and time then press (FCN/STO).

3. Press (CLR) to erase one digit at a time if you make a mistake. Press (✱) or (#) to select "am" or "pm". If a note for the same date and same time is already stored in your phone, your phone will ask you whether the new note will override

the old note or not. Press $\bigcirc$ or $\bigcirc$ to select "Yes" or "No" then press $\boxed{\substack{FCN/\\STO}}$.

4. If not, enter your notes and then press $\boxed{\substack{FCN/\\STO}}$ .

5. Enter the alarm date and time then press $\boxed{\substack{FCN/\\STO}}$.

If you don't input the alarm time and date, the alarm time is set for the same time as the schedule time. Press $\boxed{CLR}$ to erase one digit at a time if you make a mistake. Press $\boxed{*}$ or $\boxed{\#}$ to select "am" or "pm".

**Schedule Searching**

You can search notes that you have programmed.

1. Press $\boxed{\substack{FCN/\\STO}}$ $\boxed{1_{MEN}}$ $\boxed{6_{MNO}^{MUTE}}$ $\boxed{2_{ABC}}$. You can see the note, date, and time with the location.

2. Press $\bigcirc$ or $\bigcirc$ to search up and down for the list of the stored schedule. If you want to clear the schedule selected, press $\boxed{CLR}$.

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## Message

This function provides access to your phone's new and easy Messaging Menu. From this menu, you can check your Voice Mail, and read your pager-like alphanumeric messages (Contact your service provider for availability).

To access the message menu you can either go to the main menu (FCN/STO) (1MEN) and select [7] or use the short cut (FCN/STO) (3DEF). From now on the instructions related to the message menu will use the short cut path to access the message menu.

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## Receiving Messages

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

- An alert sounds or vibrates
- An indicator appears on the display:

⊠ Appears on the upper line of the display when you receive an alphanumeric message. It will remain on the display until you have read the message.

- If you receive a text message with a call-back number, the call back number is displayed. If the call back number matches a number stored in the phone book, the name associated with the stored number is displayed instead of the call-back number.
- Messages can be marked NORMAL, URGENT, or EMERGENCY. If the received message is marked URGENT or EMERGENCY, that message type appears on the second line of the display before the message. If the message is marked NORMAL, no message type is displayed.
- If you receive a pager message, PAGE appears on the display and remains on the display until you read the message.
- If you receive a pager message with a call-back number, the call back number is displayed. If the call back number matches a number stored in the phone book, the name associated with the stored number is displayed instead of the call-back number.

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- Pager messages can be marked NORMAL, URGENT, or EMERGENCY. If the received message is marked URGENT or EMERGENCY, that message type appears on the second line of the display before the message. If the message is marked NORMAL, no message type is displayed.

"Message Memory -Low-"

Appears when your phone's message memory is almost full (at approximately 85% capacity).

"Message Memory -Full-

Appears in the main display when the message memory is completely full. The oldest received message is deleted, and any new unread messages will be saved in memory.

Your Service Provider may hold your messages and will forward them after you have made room.

⊠ ⟩) Appears on the upper line of the display when you receive a Voice Mail message. It remains on the display until you have listened to the message. If you receive a voice message with a call back number, the call back number is displayed. If the call back number matches a number stored in the phone book, the name associated with the stored number is displayed instead of the call-back number. Your Service Provider will then signal your phone to turn the indicator OFF.

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**Voice Message**

When you receive Voice Mail, your service provider sends a notification to your phone and your phone displays an indicator. You can check for new Voice Mail simply by glancing at your phone's display.

To view voice messages:

Press (FCN/STO) (3DEF) (1MEN).

The number of total voice messages and new voice messages will appear on the display.

To listen to your messages:

Press (SEND) or (FCN/STO). Your phone automatically dials the call back number for the voice mail center and displays: Calling. Check with your service provider to see if this feature is available.

OR

Manually dial your voice mail number then press (SEND).

If you have no new messages, you will see: No Voice Mail.

### Text Message

Your phone can receive alphanumeric messages like a pager. The incoming message memory stores up to 20 messages, depending on the size of each message.

**Note:** Function depends on your service provider. Please contact your service provider for more information.

When you want to read text messages:

1. Press $\overset{\text{FCN}}{\underset{\text{STO}}{}}$ $\overset{\text{3}}{\underset{\text{DEF}}{}}$ $\overset{\text{2}}{\underset{\text{ABC}}{}}$.

You will see the list of received text messages.

- ☐ Indicates the currently selected message.
- ⋎ Indicates a read message.
- # Indicates a protected message.

2. Press $\bigcirc$ or $\bigcirc$ to scroll through the list of message headers. Press $\overset{\text{FCN}}{\underset{\text{STO}}{}}$ to select and view the message text, starting on the top line.

#### Deleting the message

You can delete the messages from message memory.

1. Press $\overset{}{\underset{\text{CLR}}{}}$. Then press $\bigcirc$ or $\bigcirc$ to select "Yes" or "No" then press $\overset{\text{FCN}}{\underset{\text{STO}}{}}$.

2. Press $\bigcirc$ or $\bigcirc$ to scroll through the message text. After you scroll through

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the entire message, press $(END/\textcircled{\tiny 1})$ then you return to the list of message headers.

### *Protecting and unprotecting a message*

You can protect important messages to ensure their safekeeping for later review. A protected message can not be deleted until the message is unprotected.

1.  When a message is displayed, press $\binom{FCN}{STO}$ to toggle between protected and unprotected.

2.  Press $\binom{\blacktriangle}{}$ or $\binom{\blacktriangledown}{}$ to select "Yes" or "No" then press $\binom{FCN}{STO}$. If you select "Yes", "Protected" or if "No", Released is displayed briefly then returns to the list of message header. You will see # that indicates a protected message.

3.  If you want to talk to other party using a call back number in the text message, press $(SEND)$. If there is no call number,
    No Callback phone no received is displayed briefly.

4.  Press $(END/\textcircled{\tiny 1})$ to exit. the menu.

5.  Press $\binom{\blacktriangle}{}$ or $\binom{\blacktriangledown}{}$ to scroll through the selected messages.

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### Send a Message

Your phone can send alphanumeric messages like a pager. The outgoing message memory stores up to 20 messages, depending on the size of each message.

**Note:** This is a network and subscription dependent feature and may not be available in all areas. Contact your service provider for availablilty.

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### *New Message*

**Note:** This Function depends on your service provider. Please contact your service provider for more information.

1. Press (FCN/STO) (3DEF) (3DEF) (1MEN).
2. Enter the other party's phone number then press (FCN/STO).
3. Enter a text message using the keypad then press (FCN/STO).
4. If you want to save the text message to memory, press (▲) or (▼) to select "Yes" then press (FCN/STO).
5. Enter your phone number or another call back number then press (FCN/STO) or press just (FCN/STO). If you press (FCN/STO) without any number entered, your phone number will send as call back number automatically. Then you will see: "Priority?"
6. Select the message priority level: normal, urgent or EMERGENCY and then press (FCN/STO). Availability of this feature depends on your service provider.
7. If the message was sent, you will see the previous menu, if not, Re-Send? is displayed.
8. Press (▲) or (▼) to select "Yes" or "No" then press (SEND).

The sent message is automatically stored in the outgoing message memory.

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### *Stored Messages*

1. Press $\left(\begin{smallmatrix}FCN/\\STO\end{smallmatrix}\right)$ $\left(3\substack{\boxtimes\\DEF}\right)$ $\left(3\substack{\boxtimes\\DEF}\right)$ $\left(2\substack{ABC}\right)$. You will see a list of stored message headers.

   **Note:** If there are no stored messages, you will see:

   No Stored Message.

2. Press $\left(\begin{smallmatrix}\blacktriangle\end{smallmatrix}\right)$ or $\left(\begin{smallmatrix}\blacktriangledown\end{smallmatrix}\right)$ to scroll the list of stored messages which you want to send or edit then press $\left(\begin{smallmatrix}FCN/\\STO\end{smallmatrix}\right)$.

3. Edit a selected message using the keypad or verify that it is completed then press $\left(\begin{smallmatrix}FCN/\\STO\end{smallmatrix}\right)$. You will see: Store?.

4. Press $\left(\begin{smallmatrix}\blacktriangle\end{smallmatrix}\right)$ or $\left(\begin{smallmatrix}\blacktriangledown\end{smallmatrix}\right)$ to select Yes or No, then press $\left(\begin{smallmatrix}FCN/\\STO\end{smallmatrix}\right)$. If you want to store the text message to message memory, select Yes, then press $\left(\begin{smallmatrix}FCN/\\STO\end{smallmatrix}\right)$.

5. Enter the other party's phone number then press $\left(\begin{smallmatrix}FCN/\\STO\end{smallmatrix}\right)$.

6. Your phone number will be displayed as the default callback number . Press $\left(\begin{smallmatrix}FCN/\\STO\end{smallmatrix}\right)$ to accept or edit the number and then press $\left(\begin{smallmatrix}FCN/\\STO\end{smallmatrix}\right)$.

or

Enter your phone number.

or

enter another call back number then press $\left(\begin{smallmatrix}FCN/\\STO\end{smallmatrix}\right)$.

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If you press 🔘 without entering any number, your phone number is automatically sent as the call back number.

7. Select the message priority level: normal, urgent or EMERGENCY and then press 🔘. The availability of this feature depends on your service provider.

8. Press (SEND) to send the message.

If the message was sent, you will see the previous menu, if not, Re-Send?.

9. Press 🔼 or 🔽 to select "Yes" or "No" then press 🔘.

The sent message is automatically stored in the outgoing message memory.

### *Paging Message*

**Note:** Function depends on your service provider. Please contact your service provider for more information.

1. Press 🔘 (3DEF) (3DEF) (3DEF). You will see: Dest. Ph#:.

2. Enter the other party's phone number then press 🔘. You will see: Src Ph#:"

3. Press 🔘 or enter your phone number or other call back number then press 🔘. If you press 🔘 without entering any number, your phone number is automatically sent as the call back number.

4. Select the message priority level: normal, urgent or EMERGENCY and then

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press $\binom{FCN/}{STO}$. Availability of this feature depends on your service provider.

5.  Press the $\overset{\text{SEND}}{\frown}$ to send the message.

If successfull, you will see the previous menu, if not, Re-Send?.

6.  Press $\bigcirc$ or $\bigcirc$ to select the "Yes" or "No" then press $\overset{\text{SEND}}{\frown}$.

The sent message is automatically stored in the outgoing message memory.

### Delete Messages

Your phone can delete all messages at one time.

However, you can't delete the protected messages. You must unprotect the message before it can be deleted.

### *Delete All Text Messages*

1.  Press $\binom{FCN/}{STO}$ $\binom{3\boxtimes}{DEF}$ $\binom{4BAT}{GHI}$ $\binom{1}{MEN}$.

2.  Press $\bigcirc$ or $\bigcirc$ to select "Yes" or "No" then press $\binom{FCN/}{STO}$.

If you want to delete all received text messages, select "Yes" , if not, select "No" or press $\overset{\text{END/}}{\frown}$ to exit.

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### *Delete All Stored Messages*

1. Press $\boxed{\text{FCN/STO}}$ $\boxed{3^{\boxtimes}_{DEF}}$ $\boxed{4^{BAT}_{GHI}}$ $\boxed{2_{ABC}}$.
2. Press $\boxed{\blacktriangle}$ or $\boxed{\blacktriangledown}$ to scroll the Yes or No then press $\boxed{\text{FCN/STO}}$.
3. If you want to delete all stored text message, select "Yes".

### *Delete All Messages*

1. Press $\boxed{\text{FCN/STO}}$ $\boxed{3^{\boxtimes}_{DEF}}$ $\boxed{4^{BAT}_{GHI}}$ then press $\boxed{3^{\boxtimes}_{DEF}}$.
2. Press $\boxed{\blacktriangle}$ or $\boxed{\blacktriangledown}$ to scroll the "Yes" or "No" then press $\boxed{\text{FCN/STO}}$.

If you want to delete all stored and received text message, select "Yes".

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# Use and Care

Clean with a soft cloth dampened with soap and water.

Do not immerse in water.

Do not use alcohol or other cleaning solutions.

Do not expose to excessive heat ...

... or extreme shock ...

... or moisture.

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## Garantía

**IMPORTANTE: La información que se encuentra a continuación solo es pertinente para usuarios de productos Motorola de Estados Unidos de América.**

**Garantía limitada para productos de comunicaciones personales Motorola comprados en los Estados Unidos y el Canadá.**

**I. Qué cubre esta garantía**

- <u>Productos</u>. Defectos en materiales y mano de obra de teléfonos celulares, radiolocalizadores y/o radios bidireccionales y determinados accesorios que se venden con los mismos, tales como baterías, cargadores de baterías y portateléfonos fabricados y/o vendidos por Motorola (los productos).

- <u>Baterías</u>. Los defectos en materiales y mano de obra de baterías fabricadas por Motorola y/o vendidas con los productos están cubiertos por esta garantía sólo si la capacidad de carga completa disminuye a menos de 80% de la capacidad nominal o si las baterías presentan fugas.

- <u>Software</u>. Defectos físicos en los medios en que está registrada físicamente cada copia del software provisto con los productos.

## II. Cuánto dura el período de cobertura

A partir de la fecha de compra de los productos realizada por el primer usuario final:

- <u>Productos</u>. La garantía es de un año. Excepción: La garantía de los accesorios de la radio de la serie Spirit GT es de 90 días.
- <u>Software</u>. La garantía es de 90 días..
- Reparaciones y reemplazos. La garantía cubre el plazo restante de la garantía original o bien 90 días a partir de la fecha en que usted la reciba, optándose por el mayor de ambos plazos.

## III. Quiénes están cubiertos

Esta garantía se extiende sólo al primer comprador usuario final.

## IV. Qué haremos para corregir los problemas cubiertos por la garantía

Sin cargo para usted, tendremos la opción de reparar o reemplazar los productos o el software que no resulten adecuados de acuerdo con la garantía o bien de reembolsar el precio de compra del producto. Podremos usar productos o piezas de funciones equivalentes reacondicionados, reconstruidos, de segunda mano o nuevos. No se proveerán actualizaciones de software.

### V. Cómo obtener servicio cubierto por la garantía

Sírvase llamar a los siguientes números:

| Estados Unidos | | Canadá | |
|---|---|---|---|
| **Celular** | **1-800-331-6456** | **Todos los productos** | **1-800-461-4575** |
| **Radiolocalizador** | **1-800-548-9954** | **TTY** | **1-888-390-6456** |
| **Dos vías** | **1-800-353-2729** | | |
| **TTY** | **1-888-390-6456** | | |

Recibirá instrucciones para enviar los productos por correo a Motorola. Usted debe enviarlos con porte postal, impuestos y seguro pagos. Junto con los productos, debe incluir: a) una copia de su recibo, factura de venta u otra prueba de compra similar; b) una descripción del problema por escrito; c) el nombre de su proveedor de servicio (si el producto requiere la suscripción a un servicio); d) el nombre y la ubicación de las instalaciones de servicio (si corresponde); y lo que es más importante, e) su dirección y su número de teléfono. Si se le solicita, debe devolver también todas las piezas desmontables, tales como antenas, baterías y cargadores. CONSERVE EL ORIGINAL DE LA PRUEBA DE COMPRA.

Enviaremos los productos reparados o reemplazados con porte postal y seguro a nuestro cargo, pero con todos los gastos por impuestos a cargo del destinatario. Si necesita información adicional, llame al número de teléfono indicado anteriormente.

Garantía

## VI. Qué no está cubierto por esta garantía

- Productos utilizados en combinación con equipos o software auxiliares o periféricos no provistos por Motorola para su uso con los productos ("equipos auxiliares"), o cualquier daño a los productos o equipos auxiliares que resulten de dicho uso. Entre otros, los "equipos auxiliares" incluyen baterías, cargadores, adaptadores y fuentes de alimentación no fabricados o no provistos por Motorola. Cualquiera de ellos anula esta garantía.
- Pruebas, ajustes, instalaciones, servicio de mantenimiento, alteraciones, modificaciones o servicios realizados en los productos por cualquier persona no perteneciente a Motorola (o a sus centros de servicio autorizados). Cualquiera de ellos anula esta garantía.
- Baterías recargables que: a) sean cargadas con cargadores diferentes de los cargadores de baterías aprobados por Motorola y especificados para cargar dichas baterías; b) tengan algún sello roto o que muestren evidencias de haber sido alteradas; c) sean utilizadas con equipos diferentes del producto para el cual se especifican; o bien d) sean cargadas y guardadas a temperaturas superiores a 60 °C. Cualquiera de ellos anula esta garantía.

- Productos que tengan: a) números de serie o etiquetas de fecha eliminadas, alteradas o tachadas; b) números de serie de tarjetas que no coincidan entre sí, o números de serie de tarjetas que no coincidan con la carcasa; o bien c) carcasas o piezas no compatibles o de marca diferente de Motorola. Cualquiera de éstos anula esta garantía.
- Defectos o daños causados por: a) uso de los productos de manera diferente de la normal y usual; b) operación o uso indebidos; c) accidentes o negligencia tales como caídas de los productos sobre superficies duras; d) contacto con agua, lluvia, humedad excesiva o transpiración abundante; e) contacto con arena, polvo o materiales similares; o bien f) contacto con calor excesivo o derrames de alimentos o líquidos.
- Daños físicos a la superficie de los productos, incluidas rayaduras, quebraduras u otros daños en pantallas, lentes u otras partes expuestas al exterior.
- Falla de los productos que se deban principalmente a un servicio de comunicaciones o una señal a los que usted se haya suscrito o utilizado con los productos.
- Cables en espiral estirados o con fichas modulares rotas.
- Productos de uso en alquiler o arrendamiento.

**Garantía**

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Se pueden aplicar tarifas de reparación fijas a los productos no cubiertos por esta garantía. Para obtener información sobre productos que necesitan reparaciones no cubiertas por esta garantía, llame al número de teléfono indicado anteriormente, y le proveeremos información sobre disponibilidad, tarifas y métodos de pago de la reparación, así como dónde enviar los productos, etc.

**VII.Otras limitaciones**

**Ésta es la única garantía de Motorola por los productos y establece el único recurso legal del cliente. Esta garantía se otorga en lugar de toda otra garantía expresa. Las garantías implícitas, incluidas sin limitaciones las garantías implícitas de comerciabilidad y aptitud para un propósito específico, se otorgan sólo si lo requiere específicamente la ley vigente. En caso contrario, quedan expresamente excluidas.**

**No se extiende garantía alguna respecto de cobertura, disponibilidad o calidad de servicio provistos por los productos, tanto por intermedio de un proveedor de servicio como de algún otro modo.**

**No se extiende garantía alguna de que el software cumpla con los requisitos o funcione en combinación con productos de hardware o de aplicaciones de software provistos por terceros, de que el funcionamiento de los productos de software será ininterrumpido o sin errores, o de que se corregirán todos los defectos de los productos de software.**

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**La responsabilidad de Motorola por daños y perjuicios en los ámbitos contractual o civil (incluida negligencia) o por daños indirectos o accesorios de ningún tipo, pérdida de ganancias o lucro cesante, pérdida de negocios, pérdida de información o datos, u otra pérdida financiera que surjan de la capacidad o incapacidad de usar los productos o en relación con las mismas, no excederá en ningún caso el precio de compra del producto dentro de lo permitido por la ley.**

**VIII.Disposiciones acerca de patentes y software**

A cargo de Motorola, defenderemos y pagaremos los costos y los daños y perjuicios que se dictaminen en su contra en caso de que un juicio se base en un reclamo de que los productos infringen directamente una patente de los Estados Unidos. Nuestra obligación estará limitada por las siguientes condiciones: a) usted nos notifica de inmediato y por escrito que ha recibido un aviso de la demanda, b) usted nos otorga el control total de la defensa en el juicio y de todas las negociaciones para su cancelación o compromiso; y c) en caso de que los productos se conviertan —o que, en opinión de Motorola, puedan convertirse— en objeto de una demanda por violación de una patente de los Estados Unidos, usted nos permita, a nuestra opción y cargo: procurarle el derecho a continuar usando los productos; reemplazar o modificar los productos de manera que no violen ninguna patente; o bien otorgarle un crédito por dichos productos, según su depreciación, y aceptar la devolución de los

mismos. La depreciación será un monto uniforme por año durante la vida útil de los productos, según lo determine Motorola.

Motorola no tendrá ninguna responsabilidad ante usted respecto de ninguna demanda por violación de patente sustentada en una combinación de productos auxiliares y los productos o las piezas provistos conforme a esta garantía limitada, tal como se los define en el punto VI. anterior.

**Ésta es la única responsabilidad de Motorola respecto de la violación de patentes por parte de los productos.**

Las leyes de los Estados Unidos y de otros países reservan para Motorola y otros proveedores externos de software, determinados derechos exclusivos sobre el software protegido por derechos de autor (copyright), tales como los derechos exclusivos para reproducir y distribuir copias de dicho software. El software puede copiarse, utilizarse y redistribuirse sólo para los productos relacionados con dicho software. No se permite ningún otro uso del software de Motorola, incluidos sin limitaciones el desmontaje o la ingeniería inversa de dicho software, y tampoco se autoriza el ejercicio de derechos exclusivos sobre el mismo.

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### IX. Derechos de las leyes estatales y de otras jurisdicciones

Algunos estados y otras jurisdicciones no permiten la exclusión o la limitación de los daños accesorios o indirectos, o la limitación de la duración de una garantía implícita, por lo que es posible que no corresponda aplicar a su caso particular las limitaciones o exclusiones antes indicadas.

Esta garantía le otorga derechos legales específicos y también es posible que tenga otros derechos que varían de jurisdicción en jurisdicción

Para obtener información acerca de los productos de comunicaciones personales de Motorola, incluido el servicio de garantía, los accesorios y las garantías extendidas opcionales para productos seleccionados, llame al siguiente número:

| Estados Unidos | | Canadá | |
|---|---|---|---|
| **Celular** | **1-800-331-6456** | **Todos los productos** | **1-800-461-4575** |
| **Radiolocalizador** | **1-800-548-9954** | **TTY** | **1-888-390-6456** |
| **Dos vías** | **1-800-353-2729** | | |
| **TTY** | **1-888-390-6456** | | |

Venezuela: 800.16.801

México: 01.800.021.0000

Brasil: 0-800-121244

Garantía

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Para consultar a Motorola acerca de los productos, escríbanos desde
http://www.motorola.com o a:

**En los Estados Unidos:**          **En el Canadá:**
**Motorola, Inc.**                  **Motorola Canada Limited**
**600 North U.S. Highway 45**       **5875 Whittle Road**
**Libertyville, IL  60048**         **Mississauga, ON  L4Z 2H4**

## Computer Program Copyrights

The Motorola products described in this manual may include Motorola computer programs stored in semiconductor memories or other media that are copyrighted with all rights reserved worldwide to Motorola.  Laws in the United States and other countries preserve for Motorola, Inc. certain exclusive rights to the copyrighted computer programs, including the exclusive right to copy, reproduce, modify, decompile, disassemble, and reverse-engineer the Motorola computer programs in any manner or form without Motorola's prior written consent.  Furthermore, the purchase of Motorola products shall not be deemed to grant either directly or by implication, estoppel, or otherwise, any license or rights under the copyrights, patents, or patent applications of Motorola, except for a nonexclusive license to use the Motorola product and the Motorola computer programs with the Motorola product.

**PRELIMINARY**

# Index

## Personal Numbers

You can use this page to keep track of important numbers.

| **Service Provider** | **Number** |
| --- | --- |
| | |
| | |

| **Family and Friends** | **Number** |
| --- | --- |
| | |
| | |
| | |
| | |
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| | |
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PRELIMINARY

✂

# TalkAbout 182c
# Quick Reference Card

## Control Buttons

(END/☾) Turns the phone ON and OFF, ends phone calls, and exits menus.

(FCN/STO) Acts as a "shift" key to access secondary functions.

(CLR) Clears characters from the screen.

(SEND) Press to answer or place calls.

☸ Scroll through menus and memory. Controls earpiece volume.

## Shortcut Keys

(FCN/STO)(1MEN) Displays the main menu.

(FCN/STO)(3DEF) Displays the messaging menu.

(FCN/STO)(4GHI) Displays the battery status.

(FCN/STO)(5JKL) Locks the keypad.

(FCN/STO)(6MNO) Mutes the microphone.

(FCN/STO)(8TUV) Use to select Ring and Vibrate modes.

## Indicators

Y‖ Signal Strength

R Your phone is operating outside of your home system.

✗ Calls cannot be placed or received from your location.

✆ A call is in progress.

D Receiving a digital signal.

✉ You have a text message.

✉)) You have a voice message.

🔋 Battery Level.

♣ Alarm time is set.

**Turning your Phone On or Off**

Press and hold $\overset{\text{FCN}}{\underset{\text{STO}}{}}$ for more than 1 second.

**Making and Ending a Call**

Enter the number, then press $\overset{\text{SEND}}{}$. Press $\overset{\text{END/\textsuperscript{1}}}{}$ to end the call.

**Answering a Call**

Press $\overset{\text{SEND}}{}$ to answer. Press $\overset{\text{END/\textsuperscript{1}}}{}$ to end the call.

**Storing Phone Numbers**

Enter the phone number. Press $\overset{\text{FCN}}{\underset{\text{STO}}{}}$. Enter a new two digit location number then press $\overset{\text{FCN}}{\underset{\text{STO}}{}}$.

**Recalling Phone Numbers By Location**

Press $\overset{\text{FCN}}{\underset{\text{STO}}{}}$ $\overset{\text{1}}{\underset{\text{MEN}}{}}$ $\overset{\text{1}}{\underset{\text{MEN}}{}}$ $\overset{\text{2}}{\underset{\text{ABC}}{}}$, a two-digit memory location, then press $\overset{\text{FCN}}{\underset{\text{STO}}{}}$.

**Voice Messages**

To view voice messages, press $\overset{\text{FCN}}{\underset{\text{STO}}{}}$ $\overset{\text{3}}{\underset{\text{DEF}}{}}$ $\overset{\text{1}}{\underset{\text{MEN}}{}}$.

To listen to voice messages, press $\overset{\text{SEND}}{}$ or $\overset{\text{FCN}}{\underset{\text{STO}}{}}$.

**Text Messages**

To view a text message, press $\overset{\text{FCN}}{\underset{\text{STO}}{}}$ $\overset{\text{3}}{\underset{\text{DEF}}{}}$ $\overset{\text{2}}{\underset{\text{ABC}}{}}$. Press $\overset{\blacktriangle}{}$ or $\overset{\blacktriangledown}{}$ to view message headers. Press $\overset{\text{FCN}}{\underset{\text{STO}}{}}$ to view the message text.

To delete a text message, press $\overset{\text{CLR}}{}$. Then press $\overset{\blacktriangle}{}$ or $\overset{\blacktriangledown}{}$ to select "Yes" or "No" then press $\overset{\text{FCN}}{\underset{\text{STO}}{}}$.