

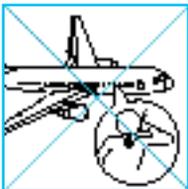


OWNER'S MANUAL

# CDMA PORTABLE CELLULAR TELEPHONE SCH-210



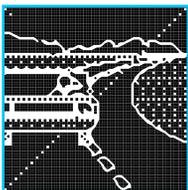
## Safety Precautions



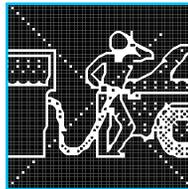
The use of cellular phones in an aircraft:

- ◆ Turn OFF the phone before boarding any aircraft.
- ◆ Use the phone on the ground only with crew permission.
- ◆ Do not use the phone while the plane is in the air.

To prevent possible interference with aircraft systems, Federal Aviation Administration (FAA) regulations require that you have permission from a crew member to use your phone while the plane is on the ground. To prevent interference with cellular systems, Federal Communications Commission (FCC) regulations prohibit cellular phone use while the plane is in the air.



Check the laws and regulations regarding cellular phone use in the areas where you drive. In some states and countries it is illegal to use mobile and radio telephones while driving.



Turn off the phone in a potentially explosive atmosphere such as below deck on boats, fuel or chemical transfer or storage facilities, and blasting areas. It is rare, but the phone or its accessories could generate sparks, which in the above-mentioned areas could cause an explosion or fire resulting in bodily injury or even death.



DO NOT use the power adapter if:

- ◆ the power cord is damaged,
- ◆ the phone has been dropped or has undergone a shock.

Take the phone to an authorized service center for repair. NEVER try to repair the phone yourself. The wall outlet and plug varies according to country.

### Symbols



Press/Push

① = Step number



Important



Note

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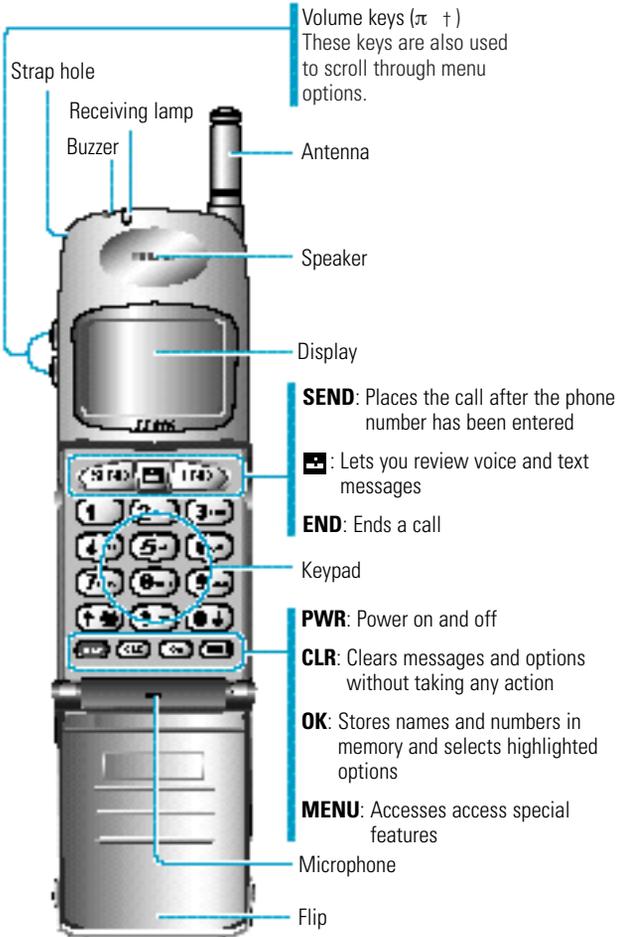
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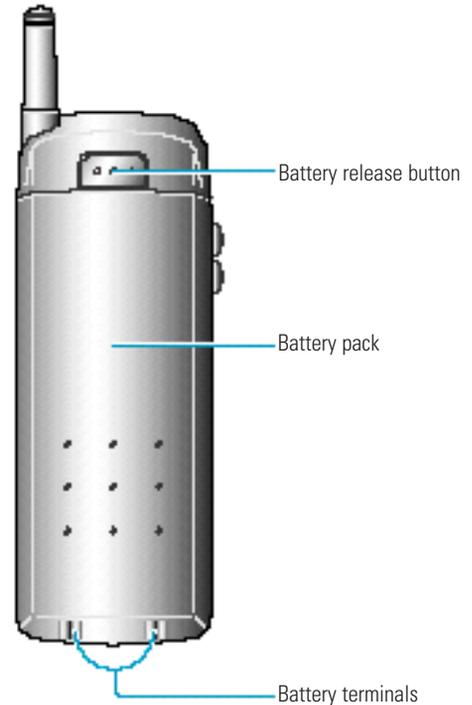
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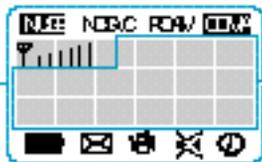
## Front View of the Phone



## Rear View of the Phone



## Display Icons



Displays the dialed numbers and the current status

**LINE**

Blinks while the phone selects a channel and lights up when the line connects.

**NOSVC**  
**SVC**

NOSVC: No service area  
SVC: Service area

**POW**

Lights up when the phone is out of the home area

**CDMA**

CDMA: Digital mode



Indicates the signal strength by the number of bars



Displays the battery charge level by the number of blocks



Indicates incoming or pending messages



Reminds you that you have set the Alert type to VIBRATOR



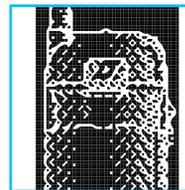
Reminds you that you have set the Alert type to LAMP and will not hear the phone ring with incoming calls



Reminds you that you have set the Reserved Call Alert

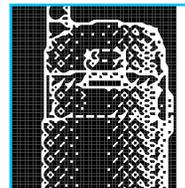
## Installing the Battery

1. Align the charged battery by resting it on the back of the phone with the battery terminals pointing downward. Place the top of the battery about 1/2 inch from the top edge of the battery opening.



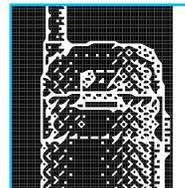
2. Slide the battery upward until it clicks firmly into position.

Your phone is now ready to use.



## Removing the Battery

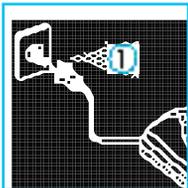
To remove the battery, press the battery release button while sliding the battery out of position.



## Charging the Battery

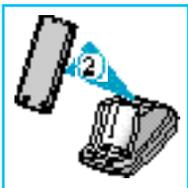
When you purchase this phone, the battery is not fully charged. Please charge the battery fully before operating the phone.

### To Use the Normal Charger (DTC 58)



1. Plug the power cord of the charger into an appropriate wall outlet.

*Result:* When the power is connected properly, the lamp on the charger flickers red, green, and yellow in sequence.



2. Remove the battery from the phone and place it in the rear compartment of the charger.

*Result:* The lamp marked BATT on the front of the charger lights up red.



3. If you do not wish to use your phone while charging the battery, you can leave the battery attached to the phone. Place the phone with the battery attached in the front compartment of the charger with the keypad facing forward.

*Result:* The lamp marked PHONE on the front of the charger lights up red.

#### ➤ Notes:

- The wall outlet and plug vary according to country.
- It is normal for the battery to become warm during charging.
- When both the front and rear slots are occupied, both slots are charged at the same time.
- When the temperature is too high or low, the charge lamp turns to yellow and the battery is in Standby mode until the temperature returns to normal (5°C ~ 35°C, 41°F ~ 95°F).

## More on Batteries

- ◆ The lamp color indicates the charging status as follows:

Slot \ Status	Charging	Completed
Front (phone charging lamp)	red	green
Rear (battery charging lamp)	red	green

- **Note:** If the lamp blinks yellow, the battery pack is not properly inserted or the contact of the charging terminal is stained or rusty. When this occurs, remove the battery pack, check the charging terminal and reinsert the battery pack. If this does not work properly, replace the battery pack with a new one.

- ◆ The full charging time is different according to the battery type as follows:

(min)

Battery Slot	Standard		Extended	
	Front	Rear	Front	Rear
Time	100	120	150	180

- **Notes:** If both the front and rear slots are occupied, the rear slot's charging time is longer.

## Checking the Battery Charge Level

The battery charge level displays in at the left corner of the screen.



The number of blocks represents the battery charge level.

Example:

-  Battery fully charged
-  Battery low



When the battery drops to an extremely low level, the phone beeps and the battery icon turns to .

### ➤ Notes:

- When the battery is low, the display backlight lamp does not light, even when the keys are pressed.
- When the power in the battery is completely gone, a warning tone sounds three times, and the power turns off.

## Turning the Phone On and Off

You can place and receive calls only if the phone is turned on. When the phone is turned on but you are not in conversation, it is in Standby mode. The phone must be in Standby mode for it to ring on incoming calls. In Standby mode, battery power is being used, although not as rapidly as when you are in conversation mode.

1. To turn on the phone, press and hold **PWR**.

*Result:* The phone:

- ◆ beeps
- ◆ displays your phone number, the greeting message and current date and time (In CDMA mode).



- **Note:** If the phone is locked, the message **Locked** displays. To unlock the phone, press **MENU**, and then enter the lock code. The lock code is preset to 0000 at the factory.

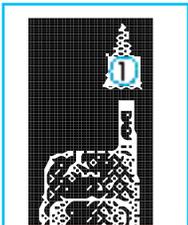


2. To turn off the phone, press **PWR** until you hear a beep tone.



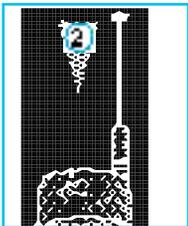
## Extending the Antenna

For best performance, fully extend the antenna when you use the phone.



1. Grasp the knob on the end of the antenna, and carefully pull out the antenna to its full extension.

*Result:* Reception quality is improved.



2. When you have finished the call, push the antenna back in.

 **Note:** The signal strength is indicated on the display:

 Strong signal  
 Weak signal

## Making a Call

1. Open the flip, and then press **PWR**.



2. Enter the desired telephone number, including the area code.

3. If you make a mistake:

- ◆ Press **CLR** once or more until the incorrect digit or digits are cleared.
- ◆ Continue entering the number.

To clear the whole number, press and hold **CLR**.



4. When you have entered the whole number, press **SEND**.

*Result:* The **INUSE** indicator is displayed.



5. When the party you are calling answers, the timer begins and the call time appears in the upper right corner of the display. (For further details, see Call Time Display under Customizing Your Phone on page 56.)





- When you have finished the call, press **END** or close the flip.

➔ **Note:** If your party does not answer, and you turn on the automatic redial feature (see page 56) INUSE flickers and 'REDIAL' appears on the screen. The phone is redialing the number automatically. When the call is connected using automatic redialing, the phone rings once to alert you so that you may begin the conversation. If you do not want the number to be redialed, press **END**.

## Prepending a Stored Number

Prepend is used if you are out of your home system and need to add the area code to an existing phone book number. When a number stored in the phone book displays on the screen, you can make additions to the beginning of the original number, but you cannot edit the original number during prepend.

### To Prepend a Number



- Recall a number in memory.

➔ **Note:** To search for numbers and dial, see page 32.

- Press any digits. Digits entered will be inserted before the recalled number.

- Press **SEND** to dial the new, longer number.

## Receiving Calls

The phone will ring only if the phone is turned on. If you are expecting a call, turn on the the phone.

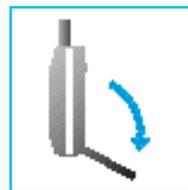
➔ **Note:** When the phone is turned on, battery power is being used even if you are not in conversation.

- When there is an incoming call, the phone rings.

➔ **Note:** You can choose the alert type; bell, lamp, or vibrator. For details, see page 40.



- To answer the call:
  - ◆ If the flip is closed, open the flip, or press  $\pi$  or  $\dagger$ .
  - ◆ If the flip is already opened, press **SEND**.



- Begin the conversation.

- When you have finished the call:
  - ◆ Close the flip
  - or
  - ◆ Press **END**.



➔ **Notes:**

- You can answer a call by pressing any key (except **PWR** or **END**) if the flip is already open. For details on Any Key Answer, see page 56).
- If the Incoming call restrict feature is activated and there is an incoming call, the message **IN. CALL IS RESTRICTED** will display, and you cannot answer the call.

## Adjusting Volumes

You can adjust the volume of the sounds generated on your phone by using the volume keys ( $\pi$   $\dagger$ ) on the left side of the phone.

### Keystone Volume

*This function is available only in Standby mode.*



Press  $\pi$  or  $\dagger$  until you reach the desired volume level. The volume can be adjusted up to 4 levels: Low, Medium, High. You can mute the keytone by choosing OFF.



*Result:* The selected volume level displays on the screen.

### Voice Volume

*This function is available only during a telephone conversation.*



Press  $\pi$  or  $\dagger$  until you reach the desired volume level. The volume can be adjusted up to 3 levels: Low, Medium, High.



*Result:* The selected volume level displays on the screen.

## Mute

This feature allows you to mute the phone's microphone, so that the other party cannot hear you or other sounds on your end.

*This function is available only during a telephone conversation.*

1. Press **MENU** while you are on the phone.



2. Press **1** on the keypad.

*Result:* The message MUTE displays. The other party cannot hear you, but you can hear the other party.



3. Press **MENU, 1** in sequence again when you wish to resume the conversation with the other party.

*Result:* The message MUTE disappears from the screen, and you can speak with your party.



## Last Number Redial

Your phone's memory stores the phone numbers of the last 10 outgoing calls and the last 10 incoming calls. You can display these numbers and use them to automatically redial a recently called number or to return a recently received call.

### Redialing Outgoing Calls



1. Press **MENU**.
2. Press **1** to select Call Logs.
3. Press **1** again to select Outgoing.



*Result:* The last number, date, and time you called display. The numbers you called are numbered OUT0 through OUT9 with the most recently dialed number being OUT0.



4. Press  $\pi$  or  $\uparrow$  until the desired number displays.



5. ♦ To redial the displayed number, press **SEND**.  
♦ To exit this function, press **END**.

➔ **Note:** To redial a recently called number during conversation, press **MENU**, **4**, **1** in sequence.

### Returning Incoming Calls (Auto-dialing)

1. Press **MENU**.
2. Press **1** to select Call Logs.
3. Press **2** to select Incoming.



*Result:* The number, date, and time of your most recent incoming call displays. The last 10 incoming calls are numbered IN0 through IN9, with the most recent call being IN0.

➔ **Note:** If there is a missed call (a call not answered), [MISS] displays in the upper left corner of the screen.



4. Press  $\pi$  or  $\uparrow$  until the desired number displays.



5. ♦ To dial the displayed number, press **SEND**.  
♦ To exit this function, press **END**.



➔ **Note:** To redial a recently called number during conversation, press **MENU**, **4**, **2** in sequence.

## Erasing Numbers in Redial Memory



1. Press **MENU**.

2. Press **1** to select Call Logs.



3. Press **3** to select Erase Logs.

- | 4. To erase...        | Press... |
|-----------------------|----------|
| outgoing call numbers | <b>1</b> |
| incoming call numbers | <b>2</b> |
| all numbers           | <b>3</b> |



5. ♦ To erase the numbers, press **OK**.  
♦ To cancel erasing, press **CLR**.

## Tracking Time

This feature allows you to check the duration of the last call or the cumulative air time.

### Checking the Last Call or the Cumulative Air Time

1. Press **MENU**.

2. Press **1** on the keypad.

3. Press **4** to select Air Time.

4. ♦ To check last call time, press **1**.

*Result:*

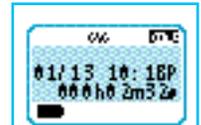
The last call time displays with the date and time when the call was made.

♦ To check total time, press **2**.

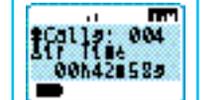
*Result:*

The total time displays with the total number of calls.

5. Press **END** to exit this function.



Last call time



Total call time





### 6. To...

Accept the location  
Assign another  
specific location

Store a number in  
confidential memory  
(For details on secret  
memory, see Dialing  
Confidential Number  
on page 31.)

### Press...

**OK**  
2-digit location  
number between  
00 and 89,  
then press **OK**

2-digit location  
number between  
90 and 99,  
then press **OK**

7. To enter the name, press the button  
marked with the desired letter.

### + Notes:

- For details on entering a name, see Entering Names in Memory on page 28.
- If you do not wish to enter a name, skip over step.

8. Press **OK**.

### + Notes:

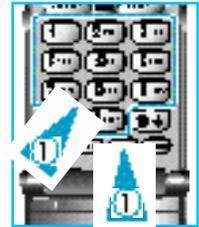
- If you are selecting a location between 0 and 9, precede that number with a zero (0).
  - If there is no empty location, the message **MEMORY (00-99) IS FULL** displays.
  - If the message **Replace?** displays, a number has been stored in that location already.
- ◆ To replace a stored numbers with a new number in that location, press **OK**.  
*Result:* The phone will automatically more the old number to the new available location.
  - ◆ To assign the new number to a different location, press **CLR**, and then enter the two-digit number of the new location.

## Other Ways to Store Numbers

1. Enter the desired telephone number, then press **OK**.

*Result:* The screen displays the first available location.

- + **Note:** You can use this feature while you are in conversation mode.



2. Follow Steps 6 through 8 under Storing Numbers in Memory on page 25.

- + **Note:** You can also store phone numbers while you are on the phone by pressing **MENU, 3, 2** in sequence. Then follow the screen prompts.



## Entering Names in Memory

The phone can store a name of up to 12 letters in memory with each phone number.



1. After you enter a phone number, the screen prompts you to enter a name. Press the key marked with the desired letter. Since each key has three or more letters, press the key repeatedly until the desired letter displays on the screen.

Example: For the letter **L**, press the **5** key three times.

To enter the same letter consecutively or two different letters on the same key, use the **+** key as a separator.

Example: To enter the name Ann, press **2** for A, **6** for N **+** as a separator, and **6** again for the second N.

Repeat these steps as necessary to enter the entire name.

2. Press **OK** to save the name.

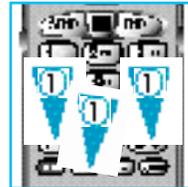
**Note:** The phone displays the first letter in upper case and all subsequent letters in lower case. If you insert a space, the next letter will be upper case. To insert a space, press **+**. To change from lower to upper case letters, press the **π** or **†** keys located on the left side of the phone. To insert a special character, press **1** repeatedly until the desired character displays on the screen.

## Correcting a Name or Number

If you make a mistake while entering a name or number, you can correct it as follows:

1. To correct a letter or digit:

- ◆ Press **CLR** once or more until the incorrect letter or digit is cleared.
- ◆ Continue entering the name or number.
- ◆ You can also use the **↑** or **↓** keys to move to a specific letter to correct or change it.



2. To clear the entire name or number, press **CLR** for more than one second.



## One-Touch Dialing

Memory locations 0~9 are special One-Touch dialing locations. You can dial the numbers stored in 0~9 by pressing one key (do not precede the numbers with a zero when using One-Touch dialing).



To use One-Touch dialing, press and hold the number of the location containing the number to be called.

*Result:* The phone displays and dials the number automatically.



## Two-Touch Dialing

You can easily dial phone numbers stored in memory by pressing the two-digit memory location.

Briefly press the first digit of the memory location, then press the second digit and hold it down for at least one second.

Example: To dial location 23, briefly press the **2**, then press and hold the **3**.

*Result:* The phone displays and dials the number automatically.

## Dialing Confidential Numbers

Numbers you have stored in memory locations 90~99 are confidential numbers. This means that when you recall the confidential number, only the name (if stored) displays; the number does not display on the screen.

To view a phone number stored in a confidential memory location, follow these steps:

1. Recall the desired confidential number (location number 90-99).

*Result:*

- ◆ The message -Secret- displays.
- ◆ The name (if any) displays.



2. Enter the lock code.

**Note:** The lock code is preset to 0000. To change the Lock Code, see page 63.



- | 3. To...          | Press...    |
|-------------------|-------------|
| Make the call     | <b>SEND</b> |
| Exit the function | <b>END</b>  |



## Searching for Numbers in Memory

If you do not remember which telephone numbers have been stored in the various memory locations, you can scan the locations until you find the one you are looking for.

### By Name



1. Press **MENU**.

2. Press **2** on the keypad.



3. Press **1** to select Recall by.

4. Press **1** to select Name.



5. Enter all or the first part of the name by pressing the keys marked with the desired letters.

Example: Enter **A** to find all names beginning with the letter A.

➔ **Note:** To scroll through all names, skip this step.



6. Press **OK**.

Result: The matching name, phone number, and memory location number display.

If you request a search of similar names (for example, all names starting with A), the names will display one at a time in alphabetical order. To display the next name, press **↑**; to display the previous name, press **↓**.

➔ **Note:** If the message **NAME NOT FOUND** displays, no name matching the request is in memory.



7. When you have found the desired name and number:

To...	Press...
Dial the number	<b>SEND</b>
Exit the function	<b>END</b>



➔ **Note:** You can recall entries by name while you are in conversation mode. Press **MENU, 3, 1, 1**, in sequence during conversation.

## By Partial Phone Number



1. Press **MENU**.
2. Press **2** on the keypad.
3. Press **1** to select Recall by.
4. Press **2** to select Digits.



5. Enter the part of the phone number that you remember.
  - **Note:** To scroll through all the numbers, skip to the next step.
6. Press **OK**.

*Result:* The first number matching the request displays with:

- memory location number
- name (if any)

➤ **Note:** NO MATCH NUMBER displays if there is no number matching the request.



- | 7. To display the... | Press... |
|----------------------|----------|
| Next number          | †        |
| Previous number      | π        |

8. When you have found the desired number:

To...	Press...
Make the call	<b>SEND</b>
Exit the function	<b>END</b>

➤ **Note:** You can recall numbers by a few digits of the phone number while you are in conversation mode. Press **MENU, 3, 1, 2** in sequence while you are during conversation.

## By Memory Location Number

1. Press **MENU**.
2. Press **2** on the keypad.
3. Press **1** to select Recall by.
4. Press **3** to select Mem #.
5. Enter the number of the memory location where you wish to start the scan.

*Result:* The phone number and associated name (if any) displays. If the location is empty, LOCATION EMPTY displays.

➤ **Note:** To scroll through all of the memory, skip to the next step.

- | 6. To display the...     | Press... |
|--------------------------|----------|
| Next memory location     | †        |
| Previous memory location | π        |

7. When you have found the desired number:

To...	Press...
Make the call	<b>SEND</b>
Exit the function	<b>END</b>

➤ **Note:** You can recall numbers by location number while you are in conversation mode. Press **MENU, 3, 1, 3** in sequence during conversation.



## Erasing a Number in Memory

### To Erase a Specific Number by Name



1. Press **MENU**.
2. Press **2** on the keypad.
3. Press **3** to select Erase.
4. Press **1** to select by Name.



5. Enter all or the first part of the name by pressing the keys marked with the desired letters.
6. Press **OK**.

*Result:* The matching name, phone number, and memory location number display.

If you request a search of similar names (for example, all names starting with A), the names will display one at a time in alphabetical order. To display the next name, press +; to display the previous name, press  $\pi$ .



7. Press **OK** to erase.

*Result:* The stored name with the phone number is erased and the message ERASED displays.

➤ **Note:** You can erase a specific number by name while you are in conversation mode. Press **MENU, 3, 3, 1** in sequence during conversation.

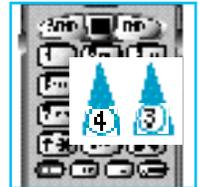
### To Erase a Specific Number by Memory Location Number

1. Press **MENU**.
2. Press **2** on the keypad.
3. Press **3** to select Erase.
4. Press **2** to select by Mem #.

5. Enter the number of the memory location where the phone number you want to erase.

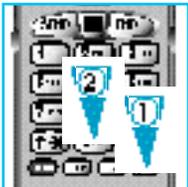
6. Press **OK** to erase.

➤ **Note:** You can erase a specific number by location number while you are in conversation. Press **MENU, 3, 3, 2** in sequence during conversation.



## Adjusting Ringer Volumes

### To Erase All Numbers in Memory



1. Press **MENU**.

2. Press **0** on the keypad.

3. Enter the lock code.

**Note:** The lock code is preset to 0000 at factory. For details changing the Lock Code, see page 63.

4. Press **6** to select Clr Memory.

5. To...	Press...
Erase	<b>OK</b>
Cancel	<b>CLR</b>

6. Press **OK**.

*Result:* The screen displays ALL MEMORIES ARE CLEARED.



*Result:* This function is available only in Standby mode.

1. Press **MENU**.

2. Press **3** on the keypad.

3. Press **1** to select Alert Vol.

4. Press the  $\pi$  or  $\uparrow$  volume key on the left side of the phone until you reach the desired volume level. The volume can be adjusted up to 4 levels. Muting the ringing signal can be activated by choosing OFF.

*Result:* The screen displays the selected volume level.

5. Press **OK**.



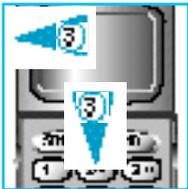
## Choosing the Alert Type

You can choose from three alert types to signal an incoming call: a bell, a lamp, or a vibrator.



1. Press **MENU**.

2. Press **3** to select Alert.



3. Press **2** to select Alert Type. Press  $\pi$  or  $\uparrow$  until the desired alert type displays.

- ◆ BELL: The bell sounds, and the receiving lamp flickers.
- ◆ VIBRATOR: The phone vibrates, and the receiving lamp flickers.
- ◆ LAMP: The receiving lamp flickers.

➡ **Note:** When lamp is selected,  displays on the screen as a reminder that you will not hear an alert when you receive a call. When vibrator is chosen,  appears in the screen.

4. Press **OK** to store your selection.



### Notes:

- When you use the Hands-free Car kit, you cannot select the LAMP or VIBRATOR indicator.
- The VIBRATOR mode is not available in some countries.

## Choosing the Alert Tone

When you select BELL as your alert type, you can choose from six different alert tones and four different alert melodies.

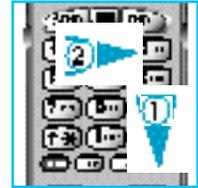
1. Press **MENU**.

2. Press **3** to select Alert.

3. Press **3** to select Alert Tone.

4. Press  $\pi$  or  $\uparrow$  repeatedly until you find the desired type of alert tone.

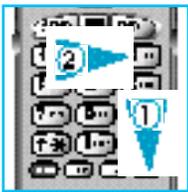
5. Press **OK**.



## Setting Warning Beeps

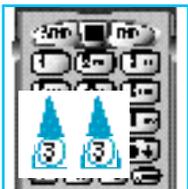
You can set the phone to sound warning beeps that indicate:

- ◆ each minute you are on a phone call
- ◆ when you are out of a service area or when you return to a service area



1. Press **MENU**.

2. Press **3** on the keypad.



3. Press...      **To select...**

<b>4</b>	One-minute alert
<b>5</b>	Service alert

4. Press  $\pi$  or  $\dagger$  to choose the status (OFF or ON).



5. Press **OK**.



## Setting Up Backlight

When you first turn on the phone and when you press a key, the display and keypad light up. There are two ways to set up backlight.

- ◆ **8 SECONDS:** The light goes off automatically 8 seconds after you turn on the phone or press the last key.
- ◆ **OFF:** The light never comes on.

1. Press **MENU**.

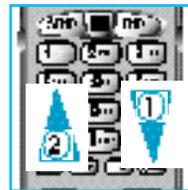
2. Press **4** on the keypad.

3. Press **1** to select Backlight.

4. Press  $\pi$  or  $\dagger$ :

To...	Choose...
Turn on the feature	8 SECONDS
Turn off the feature	OFF

5. Press **OK**.



## Displaying Your Own Phone Number

You can check your own phone number.



1. Press **MENU**.
2. Press **4** on the keypad.
3. Press **2** to select My Phone #.

*Result:* The message PHONE# : NAM-1 and your own phone number displays.

### Notes:

- If you have more than one own phone number (NAM-1, NAM-2), press  $\pi$  or  $\dagger$  to check the next number.
- You can check your own phone number while you are in conversation mode. Press **MENU**, **5** in sequence during conversation.



## Displaying Your Phone's Version



1. Press **MENU**.
2. Press **4** on the keypad.
3. Press **4** to select 'Version'.

*Result:* Your phone's software and hardware version displays.

- ➔ **Note:** You can check your phone's version while you are on the phone. Press **MENU**, **6** in sequence.

## Changing Greeting Message

This feature allows you to change the greeting message that displays when you turn on the phone.

1. Press **MENU**.
2. Press **4** on the keypad.
3. Press **3** to select Greeting.

4. Enter your new greeting message by pressing the associated alphanumeric keys on the phone keypad. (For details on entering alphanumeric characters, see page 28.)

5. Press **OK**.



## Silent Scratchpad

You can enter a number during conversation without transmitting the beep tones to the other party.

 **Note:** This function is available only during a telephone conversation.

### To Turn Off the Keytone



1. Press **MENU** while you are in conversation mode.

2. Press **2** on the keypad.

*Result:* The message **SILENT** displays.

3. Enter the desired number.

*Result:* There is no keytone when you press the keys during a conversation.



### To Turn On the Keytone



1. Press **MENU**.

2. Press **2** on the keypad.

*Result:* The message **SILENT** disappears, and the keytone sounds.

 **Note:** If you do not turn on the keytone, you cannot use Audio Response System (ARS) service or Call Pager.

## Sending Your Own Phone Number

When leaving a message on someone else's pager, you may be asked to enter your phone number. You can conveniently transmit your number to the pager by pressing two keys instead of the entire number.

 This function is available only during a telephone conversation.

1. When the pager memo asks you to enter your phone number after calling the paging system, press **MENU**.



2. Press **7** on the keypad.

*Result:* The message **SENDING DTMF** blinks, and the phone displays and dials your phone number automatically.



## Key Lock

Key Lock is a feature that will prevent you from accidentally pressing a key. If you activate this feature, the keys on the phone are locked and cannot be operated.



1. Press and hold **MENU** for at least one second.

*Result:* The message –KEY LOCKED– displays and your phone does not operate when the keys are pressed.



2. To turn off the feature, press and hold **MENU** or  $\pi$  for at least one second, or open the flip.

*Result:* The message –KEY LOCKED– disappears.

**Note:** Key lock will not work with the Hands-free Car Kit. If you try to use the Hands-free Car Kit with the key lock feature activated, key lock turns off automatically.

## Analog Force Call

Your phone is preset to Digital mode. If you want to place a call in Analog mode, use this feature. Analog Call enables you to make a call in Analog mode one time. When you end the Analog call, the phone returns to Digital mode automatically.

**Note:** If you do not make a call within 5 minutes or analog service is not available in the area after you enable this feature, the phone returns to Digital mode automatically.

1. Press **MENU**.



2. Press **5** on the keypad.



3. Press  $\pi$  or  $\dagger$ :

To...	Choose...
Activate one time analog call	YES
Release analog force call	NO

4. Press **OK**.



## Dual Tone Multi-Frequency (DTMF) Dialing

This feature allows you to use additional phone services, such as accessing an alternate long distance network, signaling a pager, or banking by phone. The following two sections explain how using Memory and Pause make it easier to send DTMF messages.

➔ **Note:** If **SILENT** displays, to turn on the keytone, see Silent Scratchpad on page 46.

### Using Memory

You can store long numbers (such as ID codes, passwords, credit card numbers, etc.) in memory. This enables you to transmit them very quickly without having to input all the digits in each transaction.

Begin by storing each of your credit card numbers (or ID codes, etc.) in one of the phone's memory locations in the same way you store a phone number in memory (see page 25 Storing Numbers in Memory). When making a business transaction by phone, the service will ask you to enter the DTMF code. To do so, follow these steps:



1. Press **CLR**.

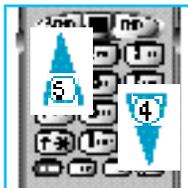
2. Press **OK**.

3. Enter the memory location where the appropriate number is stored.

*Result:* The number displays on the screen.

4. Press **MENU**.

5. Press **SEND**.



### Using Pause

You can insert one or more pauses between the DTMF tones. You can enter up to 36 digits, including the pause.

1. Enter the phone number of the service you wish to access.

2. Press **MENU** to insert a pause.

*Result:* The pause indication "P" displays after the phone number.

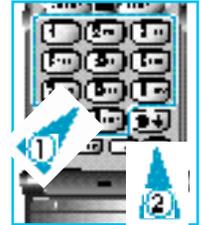
3. Enter the number to be dialed in DTMF.

4. Press **SEND**.

*Result:* When the service answers, the announcement tells you to enter your number.

5. Press **SEND** again.

➔ **Note:** If you insert more than one pause, press **SEND** after each pause to transmit the next series of numbers.



## Call Reminder Alert

This feature enables you to place a call at a specified time. The phone will beep and the phone number will display.

### To Turn On the Call Reminder Alert



1. Press **MENU**.

2. Press **6** on the keypad.

3. Press **1** to select Set.

*Result:* The screen prompts you to enter a phone number.

**Note:** If this feature is already set up, Remind Call, , reservation time and phone number display. If you wish to reset, press **OK**.

4. Enter the phone number you want to call at a specified time.

5. Press **OK**.

*Result:* The screen prompts you to enter the time you want to place the call.

6. Enter the time (in 24-hour clock) that you want to be reminded to place the call.

#### **Notes:**

- If you have stored the current time in the phone's memory, you can enter a specific date and time for the alert to sound. You can select 'Minute mode' or 'Time mode' by pressing  $\pi$  or  $\dagger$ .
- If you have not stored the current time in memory, enter the number of minutes from now that you want the alert to sound.
- To correct a mistake, move the cursor to the wrong digit by pressing  $\pi$  or  $\dagger$  and then enter the correct number.

7. Press **OK**.

8. The phone alerts you, and the phone number displays at a specified time. If you wish to make a call, press **SEND**.

**Note:** If you turn off the phone, then on when this reminder alert is set:

#### **If the time is appointed...**

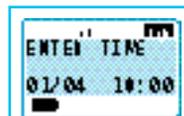
At the current time mode

Using time duration  
(in minute) mode

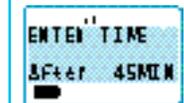
#### **Remind call setup...**

Remains on.

Cancels. (In Analog mode)  
Remains on.  
(In CDMA mode)



*Time mode*

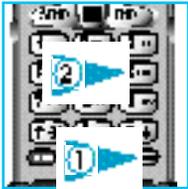


*Minute mode*



## Setting or Changing Current Time

### To Turn Off the Call Reminder Alert



1. Press **MENU**.

2. Press **6** on the keypad.



3. Press **2** to select Release.

*Result:* The message Release Remind Call? displays.



4. Press  $\pi$  or  $\dagger$  :

To...	Choose...
Release the alert call	YES
Exit this function	NO

5. Press **OK**.

*Result:* The  icon disappears.



1. Press **MENU**.

2. Press **7** on the keypad.

3. Press **6** to select Time.

4. Press **3** on the keypad.

*Result:* The current time, if set, displays. If you are entering the time/date for the first time, you will see:

```
SET TIME
MM/DD/Year
HH:MM
```

5. Enter the time and date by pressing the digit keys in the sequence of month/day/year/hour/minute.

- ◆ The month, day, hour, and minute must be entered with 2 digits. The year requires all four digits. The current time must be entered in the 24-hour clock, but will display in the 12-hour clock when you check it in the future.

*Example:* January 1, 1998, 2:15 PM would be entered: 010119981415

- ◆ To correct a mistake, move the cursor to the wrong digit by pressing  $\pi$  or  $\dagger$  and then correct the number.

6. Press **OK**.

*Result:* The current date and time displays.



## Customizing Your Phone

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Your phone contains many features, some automatic, that make communication easier and more efficient. Become familiar with them and use them to save time and to make your new Samsung phone even more fun to use!

### Features

---

**Automatic Retry:** When you dial a number and the call does not connect successfully, the phone will continue to redial the number automatically.

---

**Automatic Receiving:** When a call comes in, the phone will answer the call automatically after 2 rings.

➔ **Note:** The Automatic Receiving feature does not work if you have chosen LAMP or VIBRATOR as your alert type.

---

**Any Key Answer:** When the Any Key Answer feature is activated (ON mode), the phone answers incoming calls with the press of any key other than the **PWR** and **END** keys. If it is not activated (OFF mode), you must press the **SEND** key or open the flip to answer calls.

---

**Tone Length:** Some phones you call can recognize only longer tones. You may have to change the tone length to **Long** for some calls.

➔ **Note:** When calling a paging system, your phone should be in the **Short** mode.

---

**Release Tone:** You can set your phone to sound the release tone when a call is released or dropped .

---

---

**Connect Tone:** You can set your phone to sound the connect tone when your phone is connected to the system.

---

---

**Current Time Display:** Activate this feature to keep the current time displayed.

---

---

**Call Time Display:** The call time counter displays automatically when the phone is connected to the system so that you can check the call time during a conversation.

---

---

**Automatic Hyphen:** Your phone inserts a hyphen between numbers on the screen when you enter a phone number. This feature makes the phone number easier to read.

---

## Setting the Features



1. Press **MENU**.



2. Press **7** on the keypad.

The function numbers for the features are:

- 1: Auto Retry (ON/OFF)
- 2: Auto Recv (OFF/ON)
- 3: Anykey Ans (OFF/ON)
- 4: Tone Length (SHORT/LONG)
- 5: Tone - 1: Rls. Tone (OFF/ON)  
2: Conn. Tone (ON/OFF)
- 6: Time - 1: Curr. Time (ON/OFF)  
2: Call Time (ON/OFF)  
3: Set Time
- 7: Auto Hyphen (OFF/ON)



3. Press  $\pi$  or  $\uparrow$  to scroll through the features.



4. Press the number of the function you wish to change.



5. Press  $\pi$  or  $\uparrow$  to choose the status.

6. Press **OK**.

## Locking the Phone

You can lock your phone so that calls cannot be made by unauthorized individuals. You can still receive incoming calls when your phone is locked. Turning off the phone does not erase this feature; the phone stays in lock mode until you reset it by going through the steps below.

**IMPORTANT:** You can place emergency calls even when the phone is locked. For details on emergency numbers, see page 64.

1. Press **MENU**.



2. Press **0** on the keypad.



3. Enter the lock code.

**Note:** The lock code is preset to 0000 at the factory. (For details on changing the Lock Code, see page 63.)



## Restricting the Use of the Phone

You can restrict the use of the phone by unauthorized persons. There are 3 restriction modes:

- ◆ **Restrict Phone Book:** In this mode, you cannot access the memory feature. Storing or recalling numbers from memory is prohibited. If you try to use the memory feature, **PHONE BOOK RESTRICTED** displays.
- ◆ **Restrict Incoming Call:** In this mode, you cannot answer incoming calls. **IN. CALL IS RESTRICTED** displays.
- ◆ **Restrict Outgoing Call:** In this mode, you cannot make a call. If you try to dial a number **OUTGOING CALL IS RESTRICTED** displays.

➔ **Note:** In all restriction modes, you can make emergency calls you stored. For details Calling Emergency Number, see page 64.

### Setting Restriction Modes

1. Press **MENU**.

2. Press **0** on the keypad.

*Result:* The screen prompts you to enter your lock code. (For details Changing the Lock Code, see page 63.)

3. Enter your lock code.

*Result:* If you enter the correct lock code, the Security menu displays.

➔ **Note:** The lock code is preset to 0000 at the factory.

4. Press **1** to select Lock.



5. Press  $\pi$  or  $\dagger$  to choose the status. The following selections are available:

- **OFF** : No lock code required.
- **NOW** : The phone will be locked immediately after you lock the phone. This mode requires that you enter the lock code to access the phone.
- **ON POWER-UP** : You can use the phone after you lock the phone unless you turn it off. However, this mode also requires that you enter the lock code to access the phone after each power-on.



6. Press **OK**.





4. Press **2** to select Restrict function.

*Result:* The restriction modes display.

- They are:
1. Phone Book
  2. Incoming
  3. Outgoing



5. Press the number of the mode you wish to select.



6. Press  $\pi$  or  $\uparrow$  to choose the status (UNRESTRICT or RESTRICT).

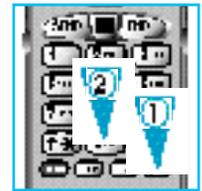


7. Press **OK**.

## Changing the Lock Code

When you purchase your phone, the lock code is preset to 0000. You can change the lock code to the 4-digit code of your choice. You can also change the code any time you wish. To change the lock code, follow these steps:

1. Press **MENU**.



2. Press **0** on the keypad.

3. Enter the current lock code.

*Result:* An asterisk \* displays for each digit entered.



4. Press **3** to select Lock Code.

5. Enter your new lock code.

**Note:** The lock code must be four numeric digits.



6. Press **OK**.

**Note:** If you enter fewer than 4 digits, TOO FEW DIGITS! displays and the phone returns you to Step 5.



## Calling Emergency Number

You can store a maximum of three emergency numbers in memory and place these calls even when your phone is locked.

### To store an emergency number



1. Press **MENU**.

2. Press **0** on the keypad.

3. Enter the lock code.

 **Note:** The lock code is preset to 0000.



4. Press **4** to select Emergency#.

5. Press the number (1, 2, or 3) where you wish to store the emergency number.

*Result:* The screen prompts you to enter the phone number.

6. Enter the desired emergency number of up to 10 digits.

7. Press **OK**.

*Result:* The phone saves the number, and then returns to the screen described in Step 5.

8. Repeat Steps 5-7 if you wish to store more emergency numbers.



### To erase an emergency number

1. Press **MENU**.

2. Press **0** on the keypad.

3. Enter the lock code.

4. Press **4** to select Emergency#.

5. Press the number (1, 2, or 3) where you wish to erase the emergency number.

*Result:* Previously stored number displays.

6. Press and hold **CLR**.

*Result:* The screen prompts you to enter the phone number.

7. Press **OK**.

*Result:* <Empty #> displays, where # is the memory location number 1, 2, or 3.



## Choosing NAM

The NAM (Number Assignment Module) enables you to subscribe to one or more service networks. Your phone has a manual and an Automatic mode for selecting the network. In the Manual mode, you set the phone to the network you want to use. In the Automatic mode, the phone selects the network automatically based on system information for the area you are in.

### NAM selection



1. Press **MENU**.



2. Press **0** on the keypad.



3. Enter the lock code.

 **Note:** The lock code is preset to 0000. To change the Lock Code, see page 63.

4. Press **7** to select NAM Mode.



5. **To...**                      **Press...**

Choose Manual NAM      • **1**  
                                     •  $\pi$  or + to choose the desired NAM(1-4)

Choose Auto NAM        • **2**  
                                     •  $\pi$  or + to choose ON or OFF

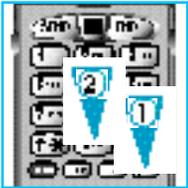


6. Press **OK**.



## System Selection

The system selection feature of your phone enables you to choose which of the system providers you will use.



1. Press **MENU**.
2. Press **0** on the keypad.
3. Enter the lock code.

➔ **Note:** The lock code is preset to 0000. To change the lock code, see page 63.



4. Press **9** to select System Sel.
5. Press **π** or **†** repeatedly until the desired mode displays.

➔ **System Mode:**

**A Only:** Your phone will use only system A.

**A Pref:** Your phone will seek service on system A. If the call cannot be completed, the phone will seek service on system B automatically.

**B Only:** Your phone will use only system B.

**B Pref:** Your phone will seek service on system B. If the call cannot be completed, the phone will seek service on system A automatically.

**Home Only:** Your phone can place and receive calls only on your home system. Roaming in other cities is not possible.



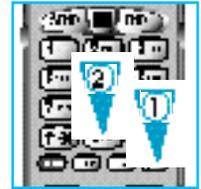
6. Press **OK**.

## System Reset

If you want to reset all of your phone's features to the manufacturer's defaults, you can do so with the following steps:

➔ **Note:** System reset does not affect the phone book, call log memory, lock code, and greeting message.

1. Press **MENU**.



2. Press **0** on the keypad.

3. Enter the lock code.

*Result:* An asterisk **\*** displays for each digit entered.

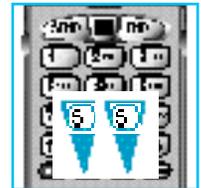


4. Press **0** to select Reset Phone.



5. **To...** : **Choose...**  
Reset the phone : **OK**  
Cancel this feature : **CLR**

*Result:* The message **WAIT TO RESET PHONE** displays, and all functions return to the default status.



## Setting the Phone to Send PIN

If your system supplier provides this service and you have a PIN assigned by the system supplier, you can set your phone to send the PIN when you make a call. This feature prevents the phone from being used by unauthorized persons. For information on this service in detail, contact your service provider.



1. Press **MENU**.

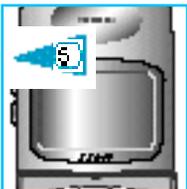


2. Press **0** on the keypad.



3. Enter the lock code.

*Result:* The lock code is preset to 0000. An asterisk (\*) displays for each digit entered.



4. Press **π** to select Send PIN.

5. Press **π** or **†**:

To...	Choose...
Turn on the feature	Prompt
Turn off the feature	Never



6. Press **OK**.

### To use the feature



1. If you've chosen Prompt to send a PIN, the screen prompts you to choose to send a PIN or not each time a call connects.



2. To...	Choose...
Send PIN	*
Not send	#

## Call Waiting

Call Waiting is a feature available on your phone which enables you to be alerted to a second incoming call while you are on the first call. You have the option of responding to the second call while putting the first call on hold, or you can deactivate the Call Waiting option during a particular call. Contact your service provider to activate Call Waiting.

### To Respond to the Call Waiting



1. When you hear a short tone during a telephone conversation, press **SEND**.

*Result:* The first caller is on hold and you are now connected to the second caller.



2. To return to the first call, press **SEND**.

### To Deactivate Call Waiting During a Particular Call

If you don't want to be interrupted during a particular call, you can temporarily deactivate the Call Waiting feature.

Contact your service provider for instructions on how to temporarily disable Call Waiting.

- **Note:** Once you end that call, the Call Waiting feature will be reactivated automatically.

## Setting Up Three-Way Calling

Three-way calling is a feature on your phone that enables you to set up a three-way conversation with two other numbers. Contact your service provider to activate Three-Way Calling.

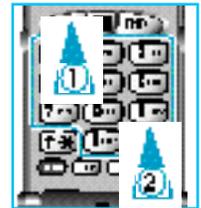
1. Dial the first number and press **SEND**.

2. Dial the second number.

3. Press **SEND** to place the original call on hold and to place the new call.

4. When you are connected, press **SEND** again to begin your three-way call.

- **Note:** When you use this feature, you will be charged normal airtime rates for both of calls you place.



## Caller ID Display

Caller ID is a feature available on your phone which helps you know who is calling by displaying the caller's number when the phone rings. If the caller's name and number are stored in your phone's memory, the caller's name will display also. Contact your service provider to activate this feature.

## Call Forwarding

Call Forwarding is a feature on your phone that enables you to forward all your incoming calls to another phone number, even if your phone is turned off. You can make calls from your phone when Call Forwarding is activated. Contact your service provider to activate Call Forwarding.

### To Activate Call Forwarding



1. Press key sequences supported by your service provider.



2. Enter the ten-digit phone number (area code+phone number) of the forward-to phone number.
3. Press **SEND**. You will hear a tone that confirms that you have activated Call Forwarding.

### To Deactivate Call Forwarding



1. Press key sequences supported by your service provider and **SEND** in sequence.

*Result:* You will hear a tone to confirm the deactivation.

## Message Service

Message Service is a feature on your phone that enables the phone to receive alphanumeric messages or voice mail. (Voice mail is available in.) Contact your service provider to activate Message Service.

### Notes:

- Your phone can receive up to 21 messages (voice+text).
- Each message can contain a maximum of 255 alphanumeric characters.
- The messages are stored in the order they are received.

### Finding Out You Have a Message

Your phone alerts you when you have new voice mail or text messages in several ways:

- ◆ By displaying **NEW \*Voice Mail\***, **NEW \*Text Msgs\***, or **NEW \* Page \* message**.
- ◆ By sounding an alert tone every 2 minutes (if the SMS alert is turned on. See page 79.)
- ◆ By displaying  at the bottom of the screen.



### Notes:

- If the message is urgent, **URGENT !** displays instead of **NEW**.
- If a caller left a callback number, your phone displays the number. You can return the call immediately by pressing **SEND**.
- If 21 messages are stored in memory, it is full and the phone alerts you of this by displaying **Memory Full ! No Msgs can be received**. You must erase an old message to receive a new one.

## Retrieving Messages in Voice mail

Contact your service provider to activate this feature.



1. Press **1**.

*Result:* Your phone displays the message options you can choose;  
1:Voice, 2:Text, 3:Eraser  
All, 4:SMS Alert. Press  $\pi$  or  $\uparrow$  to view the options.



2. To listen to new or saved messages, press **1**.

*Result:* Your phone displays:  
◆ Total number of new messages  
◆ Date and time the message was received

**Note:** If there is no mail, No Stored Voice Mail displays.



3. Press **SEND**.

*Result:* Your phone calls and connects to the voice mail center.

## Reading Text Messages

1. Press **+**.

*Result:* Your phone displays the message options you can choose;  
1:Voice, 2:Text, 3:Eraser  
All, 4:SMS Alert. Press  $\pi$  or  $\uparrow$  to view the options.



2. To read the text messages, press **2**.

*Result:* Your phone displays:  
◆ Date and time the message was received  
◆ Callback number (if the caller left one)



3. Press  $\pi$  or  $\uparrow$  to scroll through the messages.



4. After you read the message:

To...	Press...
Display the previous message	<b>7</b>
Display the next message	<b>9</b>
Erase the message	<b>CLR</b>
Exit this function	<b>END</b>



## Callback



1. When you are reading a text message, if the person who called you left a callback number, your phone displays the page number.



2. You can return the call immediately by pressing **SEND**.

## Erasing All Messages



1. Press **OK**.
2. Press **3** to select Erase All.



- | 3. To...                     | Press...   |
|------------------------------|------------|
| Erase all messages           | <b>OK</b>  |
| Cancel or Exit this function | <b>CLR</b> |

## Choosing Alert Type for Message Receiving

The phone alerts you when a message is received. You can choose how frequently this happens. The three options are: **EVERY 2 MIN**, **OFF**, **ONCE**. To set the frequency:

1. Press **OK**.



2. Press **4** to select SMS Alert.



3. Press **π** or **+** until you find your desired type.



4. Press **OK** to store your selection.

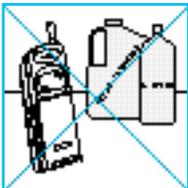


## Cleaning Your Cellular Phone

There are no specific cleaning requirements for your cellular phone.



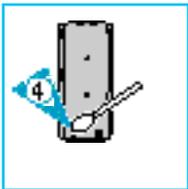
1. Do not allow water to get into the phone, particularly the battery. Do not spray aerosol cleaners directly on the phone, because excess liquid could seep under the keypad.



2. Do not use abrasive powders, sponges, or solvents of any kind (i.e., trichlorethylene or acetone) as they may damage the plastic surfaces.



3. If the battery or charger terminals become stained or rusty, clean them with a soft cloth.



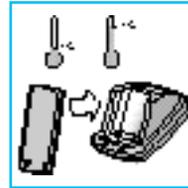
4. Keep the metal contacts at the bottom of the battery clean.

## Battery Safety Precautions

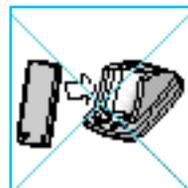
The following information about your phone's battery is very important to the life and operation of the battery and your phone. Failure to follow these precautions may reduce the service life of the battery. Please read and follow these precautions carefully.

DO NOT use or charge the batteries in extreme temperature conditions:

- ◆ Above 95°F ( 35°C )
- ◆ Below 41°F ( 5°C )



DO NOT use any charging devices other than the ones supplied with your cellular phone.



Use only Samsung approved batteries with your phone (SCH-210). Used batteries should not be disposed of in a fire or waste bin. Dispose of them in accordance with local legislation.





DO NOT disassemble the battery. There are no user-serviceable parts inside it. DO NOT drop a battery or subject it to physical shocks.

Do not open or puncture the battery ; the released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.



Keep the batteries out of children's reach.



If the batteries are not used for a long period of time (about one year), their service life may be reduced. Store them in a cool, dry place.

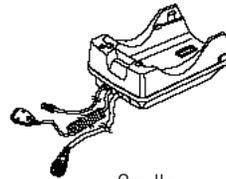
## Accessories

### Hands-free Car Kit (HF 58)

The Hands-free Car Kit provides you Hands-free operation in your vehicle with unlimited talk time.

The Hands-free Car Kit built-in charger allows battery charging in your vehicle.

The Hands-free Car Kit includes the following. For more information about the Hands-free Car Kit, see the Hands-free Car Kit manual.



Cradle



Mounting bracket  
(for cradle)  
➤ screws included



Hands-free box



Mounting bracket  
(for Hands-free box)  
➤ screws included



Power cable



Hands-free  
microphone



Whip antenna and protection cover



On-glass antenna

- ✚ You can choose between the whip antenna and the on-glass antenna.

### Cigarette Lighter Charger (CLC 58)

Enables you to charge your batteries in your vehicle.



### Travel Charger

A smaller charger, convenient for packing, for those who travel.



Wall mount type (TC 58):  
110V only.



Cable type (TC 59):  
220V only.

- ✚ The plug varies according to country.

### Battery

Standard capacity battery (BTL 958)

Extended capacity battery (BTL 1358)



## Troubleshooting

Before contacting an authorized service center, perform the following simple checks. They may save you the time and expense of an unnecessary service call.

### NOSVC displays on the screen.

- ◆ Make sure you are in the service area.
- ◆ If you have changed the service system, wait for about 2 minutes.
- ◆ Make sure you have chosen the correct service system mode.
- ◆ Sometimes, NOSVC indication appears briefly. It is normal.

### Beep tone sounds when you place a call.

- ◆ The call has not gone through.
  - When beep tone sounds, press **SEND** again, and the number will redial automatically.
  - To cancel automatic redial, press **END**.

### Ringer bell does not sound, and receiving lamp flickers.

- ◆ You have set the phone to the lamp mode.

### LOCKED displays, and you cannot make a call.

- ◆ The phone is locked.
  - Enter your lock code. (Default: 0000)
  - If you forgot the lock code, consult with the service center.

### Battery usage time is different with that of this manual.

- ◆ If you use analog or digital mode alternately, the usage time may be reduced.
- ◆ You may be recharging your battery too frequently or before it is completely discharged (see Battery Safety Precautions on page 81).
- ◆ Always store batteries in a cool, dry place.

### The phone does not turn on, even though the battery is full.

- ◆ Remove battery from the phone and reattach it.

---

### Nothing displays

- ◆ Check that the battery has been charged and installed correctly.
- ◆ Check that the phone has been turned on (**PWR** key pressed for more than one second).

### You have entered a phone number, but the phone is not dialing it.

- ◆ Have you pressed the **SEND** button?
- ◆ Is the cellular phone service currently available (SVC displayed)?
- ◆ Are you accessing the right cellular network (if the phone is programmed for dual network use)?

### Your party cannot reach you.

- ◆ Is your phone turned on (**PWR** key pressed for more than one second)?
- ◆ Are you accessing the right cellular network (if the phone is programmed for dual network use)?

### Your party cannot hear you speaking.

- ◆ Have you turned off the microphone (MUTE displayed)?
- ◆ Are you holding the phone close enough to your mouth? The microphone is located at the bottom of the phone.

### The phone starts beeping, and flashes on the screen.

- ◆ The battery is insufficiently charged. Replace the battery, and recharge it fully until the lamp on the charger turns green.

---

### The audio quality of the call is poor.

- ◆ Check the signal strength indicator (  ) on the screen; the number of bars indicates the signal strength from weak (  ) to strong (  ).
- ◆ Try extending the antenna, moving the phone slightly, or moving closer to a window if you are in a building.

### No number is dialed when you recall a memory location.

- ◆ Check that the numbers have been stored correctly by using the memory scan feature. (See page 32.)
- ◆ Re-store them in the memory, if necessary.

### If the above guidelines do not enable you to solve the problem, make a note of:

- ◆ The model and serial numbers of your phone
- ◆ Your warranty details
- ◆ A clear description of the problem

Then contact your local dealer or a SAMSUNG Authorized Service Center.

# Display Messages

MAINTENANCE REQUIRED	The phone number is not registered in the base station.
MEMORY (00-99) IS FULL	There is no empty location under which you can store phone numbers.
PHONE BOOK RESTRICTED	You have tried to access the memory while the phone is in the memory restricted mode.
Replace? replace:OK	A phone number is already stored in the selected memory location.
NO INCOMING CALL LOG	The incoming phone number has not been logged in your phone's internal phone book.
NO MATCH NUMBER	The phone number you are trying to recall does not exist.
NO OUTGOING CALL LOG	You have not made any outgoing calls
NO SERVICE	The phone is out of service area.
IN. CALL IS RESTRICTED	While the phone is restricted, you have tried to answer a call.
OUTGOING CALL IS RESTRICTED	While the phone is restricted, you have tried to make a call.
REDIAL CALL FAILED	The call cannot be made completely even after automatic redialing.

# Summary

## BASIC OPERATION

Turning on and off	<b>PWR</b> ( <i>press and hold</i> )
Making a call	Phone number + <b>SEND</b>
Receiving a call	<b>SEND</b> or Open the flip
Adjusting volume	
•Keytone	( <i>in Standby mode</i> ) $\pi / \uparrow$
•Voice	( <i>while on the phone</i> ) $\pi / \uparrow$
•Alert volume	<b>MENU + 3 + 1 + <math>\pi / \uparrow</math> + OK</b>
Mute/Unmute	( <i>while on the phone</i> ) <b>MENU + 1</b>
Choosing alert type	<b>MENU + 3 + 2 + <math>\pi / \uparrow</math> + OK</b>
Choosing alert tone	<b>MENU + 3 + 3 + <math>\pi / \uparrow</math> + OK</b>
Redial last 10 numbers	
•Scanning outgoing calls and dialing	<b>MENU + 1 + 1 + <math>\pi / \uparrow</math> + SEND</b>
•Scanning incoming calls and dialing	<b>MENU + 1 + 2 + <math>\pi / \uparrow</math> + SEND</b>
•Erasing all numbers in redial memory	<b>MENU + 1 + 3 + 1~3 + OK</b>

## THE PHONE'S INTERNAL PHONE BOOK

Storing numbers in memory **MENU + 2 + 2 + phone number + OK + OK** (or assign another location + OK) + name + OK  
or  
phone number + OK + OK (or assign another location + OK) + name + OK

### Calling numbers by

- One-touch **0-9** (Hold the last digit of the hot line memory 00-09)
- Two-touch **10-99** (Briefly press the first digit, and then hold the last digit)

### Scanning memories by

- Location number **MENU + 2 + 1 + 3 + location (00-99) + π / †**
- Name **MENU + 2 + 1 + 1 + name + OK + π / †**
- Partial phone number **MENU + 2 + 1 + 2 + the part of phone number you know + OK + π / †**
- To dial **SEND** (Press when the desired number appears)

### Erasing numbers in memory

- By name **MENU + 2 + 3 + 1 + name + OK + OK**
- By location number **MENU + 2 + 3 + 2 + location (00-99) + OK**
- All numbers in memory **MENU + 0 + lock code + 6 + OK**

## USEFUL FEATURES

Checking last call time **MENU + 1 + 4 + 1**

### Cumulative call time

- Checking **MENU + 1 + 4 + 2**
- Erasing **MENU + 1 + 4 + 3 + OK**

One-minute beep during conversation **MENU + 3 + 4 + π / † + OK**

Service area change alert **MENU + 3 + 5 + π / † + OK**

Back light **MENU + 4 + 1 + π / † + OK**

Own number display **MENU + 4 + 2**

Changing greeting **MENU + 4 + 3 + new greeting + OK**

Silent scratchpad (while on the phone) **MENU + 2**

Sending own number (while on the phone) **MENU + 7**

Key lock **MENU** (hold)

Analog Force Call **MENU + 5 + π / † + OK**

### Dual Tone Multi-Frequency (DTMF) Dialing

- Using memory dial (while on the phone) **CLR + OK + location (00-99) + MENU + SEND**
- Using pause insert **Phone number + MENU + Phone number + SEND + SEND**

## Call reminder alert

•Turn on **MENU + 6 + 1 + Phone number + OK + time + OK**

•Turn off **MENU + 6 + 2 +  $\pi$  /  $\dagger$  + OK**

Setting current time **MENU + 7 + 6 + 3 + time + OK**

## Customizing your phone

•Automatic retry **MENU + 7 + 1 +  $\pi$  /  $\dagger$  + OK**

•Automatic receiving **MENU + 7 + 2 +  $\pi$  /  $\dagger$  + OK**

•Any key answer **MENU + 7 + 3 +  $\pi$  /  $\dagger$  + OK**

•Tone length **MENU + 7 + 4 +  $\pi$  /  $\dagger$  + OK**

•Release tone **MENU + 7 + 5 + 1 +  $\pi$  /  $\dagger$  + OK**

•Connect tone **MENU + 7 + 5 + 2 +  $\pi$  /  $\dagger$  + OK**

•Current time display **MENU + 7 + 6 + 1 +  $\pi$  /  $\dagger$  + OK**

•Call time display **MENU + 7 + 6 + 2 +  $\pi$  /  $\dagger$  + OK**

•Auto hyphen **MENU + 7 + 7 +  $\pi$  /  $\dagger$  + OK**

Locking the phone **MENU + 0 + lock code + 1 +  $\pi$  /  $\dagger$  + OK**

## Restrict phone use

•No phone book dial **MENU + 0 + lock code + 2 + 1 +  $\pi$  /  $\dagger$  + OK**

•No incoming call **MENU + 0 + lock code + 2 + 2 +  $\pi$  /  $\dagger$  + OK**

•No outgoing call **MENU + 0 + lock code + 2 + 3 +  $\pi$  /  $\dagger$  + OK**

Changing lock code **MENU + 0 + lock code + 3 + new lock code + OK**

## Emergency number

•To store **MENU + 0 + lock code + 4 + location no. (1-3) + phone number + OK**

•To erase **MENU + 0 + lock code + 4 + location no. (1-3) + CLR (hold) + OK**

Choosing NAM **MENU + 0 + lock code + 7 + 1: Manual NAM/2: Auto NAM +  $\pi$  /  $\dagger$  + OK**

System selection **MENU + 0 + lock code + 9 +  $\pi$  /  $\dagger$  + OK**

System reset **MENU + 0 + lock code + 0 + OK**

Send PIN **MENU + 0 + lock code + 5 +  $\pi$  /  $\dagger$  + OK**

## OPTIONAL FEATURES

### Call waiting

- To respond (when you hear a beep during a phone conversation) + **SEND** (to switch back) + **SEND**

- To deactivate Contact your service provider.

Setting up 3-way calling 1st phone number + **SEND** +  
2nd phone number +  
**SEND** + **SEND**

Call forwarding Contact your service provider.

### Message service

- To retrieve voice mail **☎** + 1 + **SEND**

- To read text message **☎** + 2 +  $\pi$  / †

- To call back **SEND**

- To erase all messages **☎** + 3 + **OK**

- To choose alert type **☎** + 4 +  $\pi$  / † + **OK**

## Menu Tree

### Main Menu - Press **MENU**

#### 1:Call Logs

- 1:Outgoing
- 2:Incoming
- 3:Erase Logs
  - 1:Outgoing - OK/CLR
  - 2:Incoming - OK/CLR
  - 3:All - OK/CLR
- 4:Air Time
  - 1:Last Call
  - 2:Total
  - 3:EraseTotal - OK/CLR

#### 2:Phone Book

- 1:Recall by
  - 1:Name
  - 2:Digits
  - 3:Mem #
- 2:Store
- 3:Erase
  - 1:by Name
  - 2:by Mem#

#### 3:Alert

- 1:Alert Vol - OFF/LOW/MED/HIGH
- 2:Alert Type - BELL/VIBRATOR/LAMP
- 3:Alert Tone - Select 1~Select 6
  - Melody 1~Melody 4
- 4:MinuteBeep - OFF/ON
- 5:Svc Area - OFF/ON

#### 4:Display

- 1:Backlight - 8 SECONDS/OFF
- 2:My Phone#
- 3:Greeting
- 4:Version

5:AnalogCall - YES/NO

6:RemindCall

1:Set

2:Release - YES/NO

7:Setup

1:Auto Retry - ON/OFF

2:Auto Recv - OFF/ON

3:Anykey Ans - OFF/ON

4:ToneLength - SHORT/LONG

5:Tone

1:Rls. Tone - OFF/ON

2:Conn. Tone - ON/OFF

6:Time

1:Curr. Time - ON/OFF

2:Call Time - ON/OFF

3:Set Time

7:AutoHyphen - OFF/ON

0:Security

1:Lock - OFF/NOW/ON POWER-UP

2:Restrict

1:Phone Book

- UNRESTRICT/RESTRICT

2:Incoming

- UNRESTRICT/RESTRICT

3:Outgoing

- UNRESTRICT/RESTRICT

3:Lock Code

4:Emergency#

5:Send PIN - Never/Prompt

6:Clr Memory - OK/CLR

7:NAM Mode

1:Manual NAM - NAM-1~NAM-4

2:Auto NAM - OFF/ON

9:System Sel - A Only/A Pref/B Only/  
B Pref/Home Only

0:ResetPhone - OK/CLR

Conversation Menu - Press **MENU**

1:Mute/Unmute

2:Silent Key

3:Phone Book

1:Recall by

1:Name

2:Digits

3:Mem#

2:Store

3:Erase

1:by Name

2:by Mem#

4:Call Logs

1:Outgoing

2:Incoming

5:My Phone#

6:Version

7:Send Tel#

SND:Send DTMF

Message Menu - Press **M**

1:Voice

2:Text

3:Erase All - OK/CLR

4:SMS Alert - EVERY 2 MIN/OFF/ONCE

