



OWNER'S MANUAL
**CDMA PORTABLE
CELLULAR TELEPHONE
SCH-370**



Printed in Korea
Code No.: GH68-70631A
BASIC.

Symbols



Press/Push
① = Step number



Important

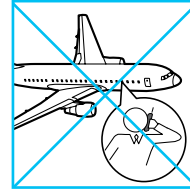


Note

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Safety Precautions

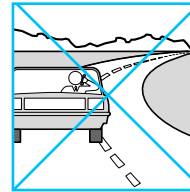
The illustrations below indicate the safety precautions to be taken when using your cellular telephone.



The use of cellular phones in an aircraft:

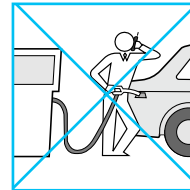
- ◆ Is dangerous to aircraft operations.
- ◆ May disrupt the cellular network.
- ◆ Is illegal.

Failure to observe in-flight regulations may lead to the suspension of cellular services and/or legal action.



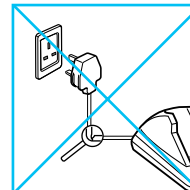
NEVER use your phone while driving, even if hands free operation is allowed. ALWAYS park your vehicle first.

In some countries, it is illegal to use mobile and radio telephones while driving.



You are advised to turn off the phone when at a gas station.

NEVER store or carry inflammable gas, liquids or explosive materials in the same compartment as your cellular phone.



DO NOT use the power adapter if:

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

Have an authorized service center repair the phone. NEVER try to repair the phone yourself.

3

Contents

Front View of the Phone	6
Rear View of the Phone	7
LCD Display and Indicators	8

Preparation

Installing the Battery Pack	9
Charging the Battery Pack	10
Tips on Battery Charging	11
Checking the Battery Charge Level	13

Basic Operation

Turning the Phone On and Off	14
Extending the Antenna	15
Making a Call	16
Receiving Calls	18
Adjusting Volumes	19
Mute	20
Choosing Alert Type	21
Choosing Ringer Bell	22
Redialing the Last Numbers	23

Memory Dialing

Finding an Empty Memory Location	25
Storing Numbers in Memory	26
Entering Name in Memory	28
Correcting a Name or Number	29
Storing Numbers into Numeric Group	30
One-Touch Dialing	31
Two-Touch Dialing	31
Searching for Numbers in Memory	32
Erasing Numbers in Memory	36

Voice Dialing

Voice Dialing	38
Selecting Voice Dial Language	38

Contents (continued)

Recording Name	39
Checking Recorded Name	40
Erasing Recorded Name	41
Using Voice Dial	42

Useful Features

Turning Tones On and Off	45
Sending Your Own Phone Number	48
Displaying Your Own Phone Number	48
Choosing Analog or Digital Mode	49
System Selection	50
Message Service	52
Setting Alarm	56
DTMF Dialing	59
Timers	61

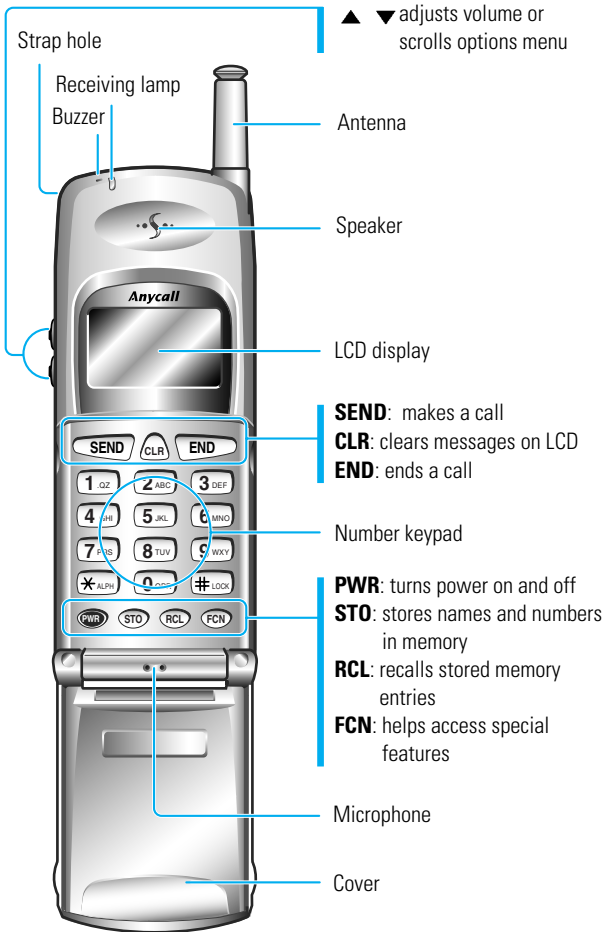
Advanced Features

Automatic Feature Setup	66
Changing Greeting Message	69
Restricting the Use of the Phone	70
Changing Lock Code	73
Locking the Phone	74
Warning Beep Generation	75
Choosing NAM	76
Setting the Phone to Send PIN	77
System Reset	79

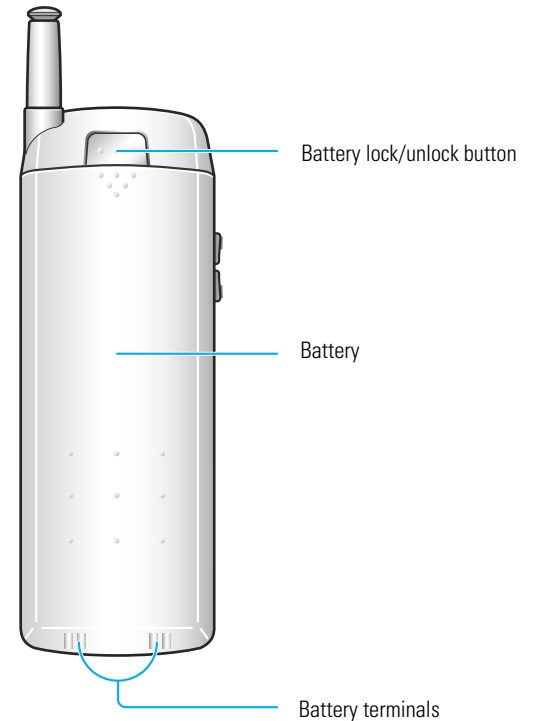
Miscellaneous

Cleaning Your Cellular Phone	80
Battery Safety Precautions	81
Accessories	82
Troubleshooting	83
LCD Messages	86
Summary	88

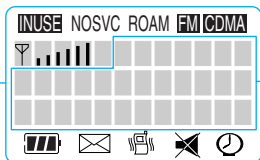
Front View of the Phone



Rear View of the Phone



LCD Display and Indicators



displays the dialed numbers and the current status

INUSE

blinks while your phone selects a channel and lights up when the line is connected.

**NOSVC
SVC**

NOSVC: no service area
SVC: service area

ROAM

lights up when your phone is out of the home area.

**FM
CDMA**

FM: analog mode
CDMA: digital mode



displays the signal strength level with the number of bars.



displays the battery charge level status with the number of blocks.



indicates you have voicemail or text messages.



indicates the vibration mode.

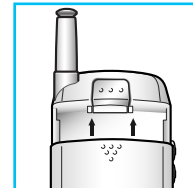


indicates silent mode (lamp mode).

Installing the Battery Pack

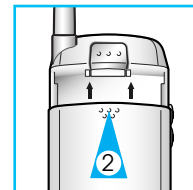
SCH-370 comes with rechargeable standard and extended-life batteries. A medium battery is available as an option.

1. To attach the battery pack after charging, align it with the phone about 1cm (1/2") away from its place so that the two arrows on the phone are seen, the battery charge contacts pointing downward.

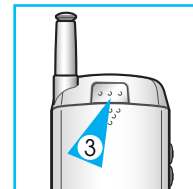


2. Slide the battery pack upwards until it clicks firmly into position.

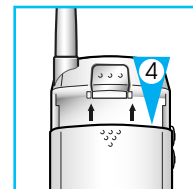
Result: Your phone is now ready to be turned on.



3. To remove the battery pack, release it by pressing the button on the rear of the phone.

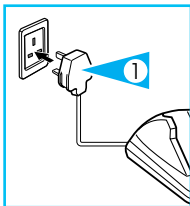


4. Slide the battery pack downward about 1cm (1/2") and lift it away from the phone.



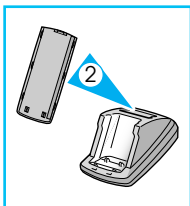
Charging the Battery Pack

When you purchase the product, the battery is not fully charged. Please charge the battery fully before you operate your phone.



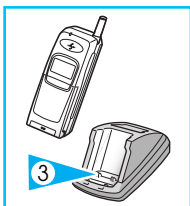
1. Plug the power cord of the charger into an appropriate wall socket.

- ◆ When the power is connected correctly, the yellow lamp on the charger flickers once.



2. To charge the battery pack, insert the battery pack into the rear slot of the charger.

- ◆ The lamp marked BATT on the front panel 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 pack attached to the phone.
- ◆ Place the phone in the front slot of the charger. The lamp marked PHONE on the front panel of the charger lights up red.

Tips on Battery Charging

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

Status Slot	Charging	Standby	Completed
Front (phone charging lamp)	red	(off)	green
Rear (battery charging lamp)	red	yellow	green

- ➡ 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	Medium	Extended
Front	about 120	about 150	about 180
Rear	about 90	about 120	about 150

- ➡
 - If both the front and rear slots are occupied, the charging time may be longer.
 - When both the front and rear slots are occupied, the front slot charges first.
 - It is normal for the battery pack to become warm during charging.

- ◆ When fully charged, the new battery will last as follows:

Status		Battery			
		Standard	Medium	Extended	
Digital mode	Talk mode	120 min	220 min	370 min	
	Standby	Slot 0	10-20 hr	20-35 hr	45-65 hr
		Slot 1	20-30 hr	35-50 hr	65-85 hr
Slot 2		30-40 hr	50-70 hr	85-115 hr	
Analog mode	Talk mode	50 min	100 min	170 min	
	Standby	5-6 hr	10-12 hr	17-19 hr	

- ➔ • The operating time varies according to the service mode you are using.
- If you use the phone set to the digital mode where only analog service is available, or stay in no-service area for a long time, the operating time may be shorten.
- The standby time in digital mode is different according to the service type provided from the supplier.
- The battery is a consumable product, so that the battery life will be reduced. We guarantee the battery for 3 months. When the battery life is reduced by half, purchase new battery.

Checking the Battery Charge Level

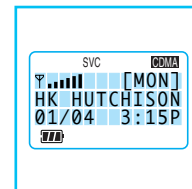
The battery charge level is displayed at the left corner of the LCD display.


The number of blocks represent the battery charge level.

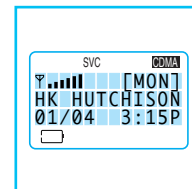
Example:

 Battery fully charged

 Battery low



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



- ➔ • If any button is pressed in the low battery status, the LCD backlight lamp is not turned on.
- If the battery is fully discharged, a warning tone sounds three times and the power is turned off.

Turning the Phone On and Off

The phone can only place and receive calls when it is turned on.



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

Result: The phone

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



- ▶ If the phone is locked, the message **LOCKED** is displayed. To unlock the phone, enter the lock code. You can place a 3-digit emergency call when the phone is locked.



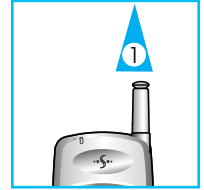
2. To turn off the phone, press **PWR** until you hear a beep tone.

Extending the Antenna

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

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

Result: Reception quality is improved.



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



- ▶ The signal strength is indicated on the display:

📶 Strong signal

📶 Weak signal

Making a Call

You can only make a call when the phone is turned on.



1. Open the cover, and enter desired telephone number, including the area code.

Result: The number entered is displayed.



2. If you make a mistake:
 - ◆ Press **CLR** once or more until the incorrect digit or digits are cleared.
 - ◆ Continue entering your number.

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



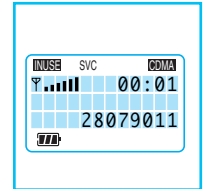
3. When you have entered the whole number, press **SEND**.

Result:

- ◆ The number is dialed.
 - ◆ The **INUSE** indication is displayed.
- ➔ If the connect tone feature is set, you can hear the connect tone when your phone is connected to the basestation system to make a call.

4. If the other party answers, begin the conversation.

Result: Call time is displayed. For further details, see 'Call Time Display' under 'Automatic Feature Setup' on page 66.



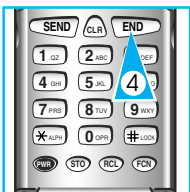
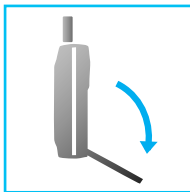
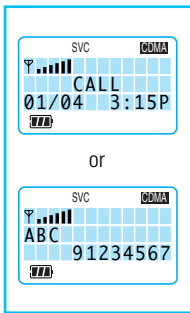
5. When you have finished the call:
 - ◆ Close the cover.
 - or
 - ◆ Press **END**.



- ➔ If your party does not answer your call and you turn on the automatic redial feature (see page 67), **INUSE** flickers and **REDIAL** appears on the LCD. Your phone is automatically redialing the number. When a call is connected using automatic redialing, the phone rings once to alert you so that you may begin conversation. If you do not want the number to be redialed, press **END**.

Receiving Calls

You can receive calls when the phone is turned on.



- When there is an incoming call, the phone rings.
 - You can choose the alert type; bell, vibrator, lamp, or vibrator+bell. For details, see page 21.
 - If there are missed calls you not answered, the number of the calls appears on the first line of the display.
 - If the call is made on a cellular phone the caller's cellular phone number is already stored in your phone's memory, your phone displays the caller's number and name (if stored with the number).

- To answer the call:

If the cover is...	Do...
Closed	Open the cover or Press ▲ or ▼.
Already opened	Press any button except PWR .

- Begin the conversation.

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

If 'Restrict Incoming Call' feature is activated and there is an incoming call, the message **PAGE RESTRICTED** is displayed and you can not answer the call. For details, see page 70.

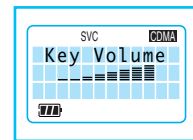
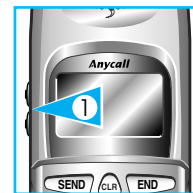
Adjusting Volumes

You can adjust the volume of the sounds generated on your phone by using the volume buttons (▲ ▼) on the left side of the phone.

Keystone Volume

This function is only available in standby mode.

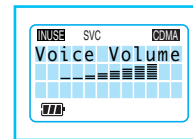
- Press ▲ or ▼ until you reach the desired volume level.



Earphone Volume

This function is only available during a telephone conversation.

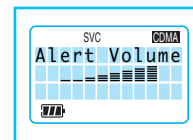
- Press ▲ or ▼ until you reach the desired volume level.



Ringer Volume

This function is only available in standby mode.

- Press:
 - FCN** followed by
 - Numeric button **5**



- Press ▲ or ▼ until you reach the desired volume level.

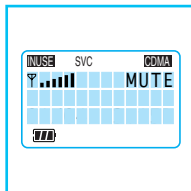
Mute

This feature allows you to mute the phone's microphone, so you can have a private conversation with someone without the person at the other end listening.

This function is only available during a telephone conversation.



1. Press **FCN** while you are over the phone.



2. Press numeric button **2**.

Result: The message **MUTE** is displayed. The person you're talking to can no longer hear you, but you can hear your correspondent.



3. Press **FCN** and numeric button **2** again when you wish to resume the conversation with your party.

Result: The message **MUTE** disappears on the display and you can speak with your party.

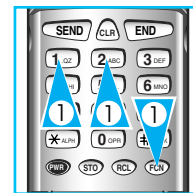
Choosing Alert Type

You can choose a call alert type that informs you of an incoming call. There are bell, lamp indication, or vibration modes.

1. Press:

- ◆ **FCN** followed by
- ◆ Numeric buttons **2** and **1**.

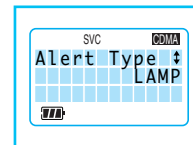
Result: The alert type currently selected is displayed.



2. Press ▲ or ▼ until the desired mode is displayed.

Result: The alert types you can choose are displayed:

- ◆ **BELL** : the bell sounds and the receiving lamp flickers.
- ◆ **VIBRATOR** : the phone vibrates and the receiving lamp flickers.
- ◆ **LAMP** : the receiving lamp flickers.
- ◆ **VIB+BELL** : the phone vibrates three times, then the bell sounds and the receiving lamp flickers.



3. Press **STO**.

Result:

- ◆ ☒ appears if the LAMP mode is selected.
- ◆ 📞 appears if the VIBRATOR or VIB+BELL mode is selected.



- ➔ • When you use the hands-free kit, you cannot choose the VIBRATOR, LAMP or VIB+BELL indication modes.
- The VIBRATOR and VIB+BELL mode are not available in some countries.

Choosing Ringer Bell

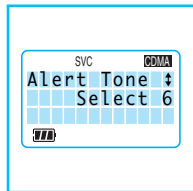
You have a choice of nine different ringer bells to inform you of an incoming call.



1. Press **FCN**.



2. Press numeric button **2** twice.



3. Press ▲ or ▼ repeatedly until you find the desired ringer bell.

Result: Each time you press ▲ or ▼, a different ringer bell sounds.



4. Press **STO**.

Redialing the Last Numbers

Your phone stores the last 10 calls you made and received. You can scroll through the numbers and easily dial the number.

To Scan and Redial

1. Press **RCL** twice.

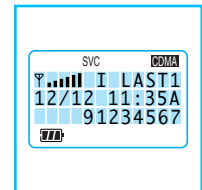
Result: The last number and the time you called or you received are displayed.



2. Press ▲ or ▼ until the desired number is displayed.

Result:

- ◆ The last number is stored in 'LAST 0'. The 10 recently called, received, or missed numbers are displayed from 'LAST 0' to 'LAST 9'.
- ◆ Each entry is preceded by one of three letters; "I" for incoming, "O" for outgoing, or "M" for missed call.



3. **To...**

Redial the number in the display

Exit this function

Press...

SEND

END

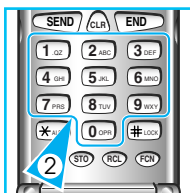


To Erase All Numbers in Redial Memory



1. Press:
 - ◆ **FCN**
 - followed by
 - ◆ Numeric button **0**

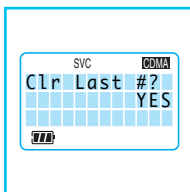
Result: You are asked to enter the lock code.



2. Enter the current lock code.
 - ▶ The lock code is preset to 0000.
 - An asterisk (✖) is displayed for each digit entered.



3. Press numeric button **8**.



4. Press ▲ or ▼ to choose 'YES'.

5. Press **STO**.

Result: The messages **WAIT**, and then **LAST CALLS ARE CLEARED** are displayed.

Finding an Empty Memory Location

You can search an empty memory location before you store the phone numbers into the memory.

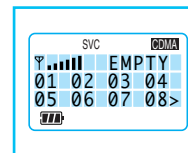
Any Empty Location

1. Press:
 - ◆ **RCL**
 - followed by
 - ◆ *

Result: The message **SEARCHING EMPTY MEMORY** is displayed, then empty locations are displayed.



2. Press ▲ or ▼ to display the other available locations.



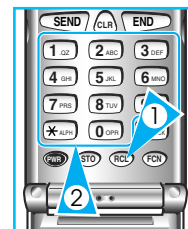
Empty Location Under a Specified Group

You can search an empty location under a specified group. For details, see 'Storing Numbers into Numeric Group' on page 30.

1. Press **RCL**.
2. Press:
 - ◆ Group number (0-9)
 - followed by
 - ◆ *

Example:

To search for an empty location from 20 to 29, press numeric button **2**.



3. Press ▲ or ▼ to display the other available locations.

Storing Numbers in Memory

You can store the numbers that you dial frequently in the memory for a convenient dialing.

- ◆ Up to 80 numbers can be stored in memory location 00-79.
- ◆ Memory locations from 00 to 09 are used for one-touch dial.
- ◆ To help identify the numbers stored in the memory, you can associate a name with each one.



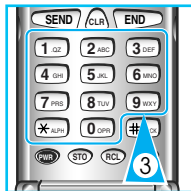
1. Enter the desired telephone number of up to 36 digits including the area code.

Result: The numbers entered are displayed.



2. Press **STO**.

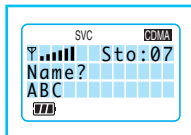
Result: The LCD displays a message to enter a memory location number.



- | | |
|----------------------------|---|
| 3. To... | Press... |
| Assign a specific location | 2-digit location number between 00 through 79 |

Store the number in the first available location

*



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

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



5. Press **STO**.



- ➔ 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 **MEM. (00-79) IS FULL** is displayed.
- If the message **Memory Used! Store? YES** is displayed, a number has already been stored in the memory location chosen. Press **▲** or **▼**:

To...

Replace it with the new one

Assign another location

Choose...

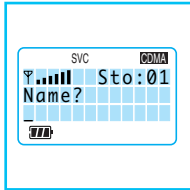
YES, then **STO**

NO, then **STO**

- The customer service phone number is prestored to the location 00 at factory. If you do not modify the location, you can see **CUSTOMER SVR** and the service phone number in the display while you are searching for numbers in memory. For details on 'Searching for Numbers in Memory', see page 32.

Entering Name in Memory

Names of up to 12 letters can be stored together with phone numbers in the memory.



1. Start when the LCD prompts to enter name.

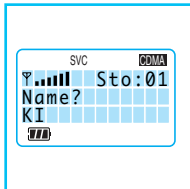


2. Press the number button marked with the desired letter.

Result: The first letter marked on the button is displayed. For example press **5** for the letter 'J'.



3. If necessary, press the same button until you find the desired letter.



4. When the desired letter appears, press another number button marked with the next desired letter.

Result: The cursor moves to right and displays the next letter chosen.

5. Repeat steps 3 and 4 for each letter.

▶ If you press * and #, the cursor moves to the left and right. Use these buttons to correct a wrong letter or insert a space between the letters.



Correcting a Name or Number

If you make a mistake while entering a name or number, you can correct it in the following way.

1. To correct a letter or digit:

- ◆ Press **CLR** once or more until the incorrect letter or digit is cleared.
- ◆ Continue entering your name or number.



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

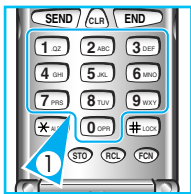


Storing Numbers into Numeric Group

You can store the associated numbers in a group.

Example:

- ◆ individual phone numbers ; 00-09
- ◆ office phone numbers ; 10-19
- ◆ business phone numbers ; 20-29

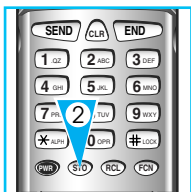


1. Enter the desired telephone number, including the area code.

Result: The number entered is displayed.

2. Press **STO**.

Result: The LCD prompts to enter memory location number.



3. Enter the location group number (0-7).

- ▶ 0: From 00 to 09
- 1: From 10 to 19
- 2: From 20 to 29
- ⋮
- 7: From 70 to 79



4. Press *.

- ▶ If there is no empty location, the message **MEM. (X0-X9) IS FULL** is displayed.
- ▶ If you want to enter a name, enter the name. For details, see 'Entering Name in Memory' on page 28.



5. Press **STO**.

One-Touch Dialing

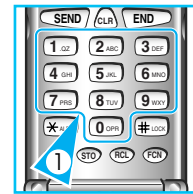
Memory locations 00 to 09 are special one-touch locations. You can dial the phone numbers stored in the memory from 00 to 09 simply by pressing one button.

1. Press and hold the second digit of the memory location containing the number to be dialed.

For example: Location no.09
Press **9** and hold.

Result: The number stored is

- ◆ Displayed
- ◆ Dialed



Two-Touch Dialing

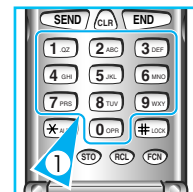
Once you have stored phone numbers in the memory, you can dial them easily whenever you want.

1. Press the first digit briefly, then hold down the second digit of the memory location.

For example: Location no.23
Press **2** briefly and hold down **3**.

Result: The number stored is

- ◆ Displayed
- ◆ Dialed



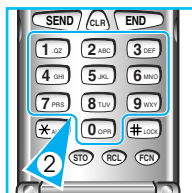
Searching for Numbers in Memory

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

By Location Number



1. Press **RCL**.



2. Enter the number of the memory location at which you wish to start the scan.

Result: The phone number and associated name (if any) are displayed.

➔ If the location is empty, **LOCATION EMPTY** is displayed.



3. **To display the... Press...**

Next memory location ▲

Previous memory location ▼



4. When you have found the desired number:

To... Press...

Make the call **SEND**

Exit the function **END**

By Name

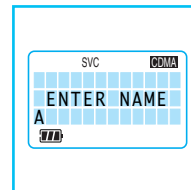
1. Press:

- ◆ **FCN**
followed by
- ◆ *

Result: The messages **SHORT NAMES** and then **ENTER NAME** are displayed.

2. Enter all or the first part of the name to search by using the number button marked with the desired letter.

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

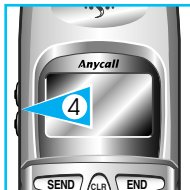


3. Press **RCL**.

Result:

- ◆ The number of the name matching the request is displayed.
- ◆ The first name is displayed with:
 - The memory location number
 - The telephone number
- ➔ If the message **NAME NOT FOUND** is displayed, the name matching the request is not in the memory.
- If the message **NO STORED NAME** is displayed, the number stored with the name is not in the memory.





4. To display the... Press...

Next name ▲
Previous name ▼



5. When you have found the desired number.

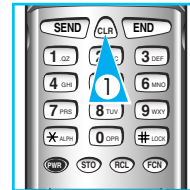
To... Press...
Make the call **SEND**
Exit the function **END**

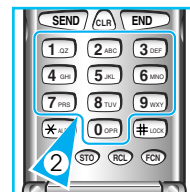
➡ This feature is also available while you are over the phone.

By Partial Phone Number

1. Press CLR and hold.

Result: The number on the display is erased.



2. Enter part of the phone number you remember.


3. Press RCL.

Result: The first number matching the request is displayed with:

- memory location number
- name (if any)



➡ **NO MATCH NUMBER** is displayed if there is no number matching the request.

4. To display the... Press...

Next number ▲
Previous number ▼

5. When you have found the desired number.

To... Press...
Make the call **SEND**
Exit the function **END**



Erasing Numbers in Memory

If you store a new number into an occupied location, the new number replaces the old number automatically. If you want to delete the old number without storing a new one, do the following:

To Erase a Specific Number



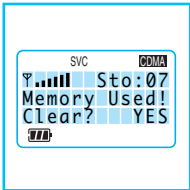
1. Press **CLR** and hold.

Result: The telephone number on the display is erased.



2. Press **STO**.

3. Enter the location number under which the phone number you want to erase is stored.



4. Press **▲** or **▼**:

To...	Choose...
Erase the location	YES
Choose another location	NO



5. Press **STO**.

Result: The stored phone number is erased and the message **CLEARED** is displayed.

To Erase All Numbers in Memory

1. Press:

- ◆ **FCN**
- followed by
- ◆ Numeric button **0**.



2. Enter the lock code.

- ▶ The lock code is preset to 0000.
- An asterisk (*) is displayed for each digit entered.



3. Press numeric button **7** to choose 'Clr Memory' function.

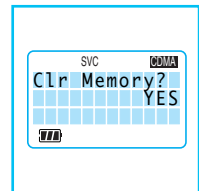


4. Press **▲** or **▼**:

To...	Choose...
Erase all numbers	YES
Cancel this operation	NO

5. Press **STO**.

Result: The message **ALL MEMORIES ARE CLEARED** is displayed.



Voice Dialing

This feature allows you to dial a phone number just by saying a name into the phone. To use this feature, you have to record name and phone number (up to 20) into the phone.

Selecting Voice Dial Language

You can select the language that will be announced from your phone when you use the voice dial feature. English and Chinese are available.



1. Press **FCN**.

2. Press:

- ◆ Numeric button **4** followed by
- ◆ Numeric button **7**

3. Press ▲ or ▼:

To use...

Choose

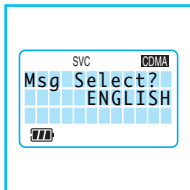
Chinese

CHINESE

English

ENGLISH

4. Press **STO**.



Recording Name

1. Press **FCN**.

2. Press:

- ◆ Numeric button **4** followed by
- ◆ Numeric button **1**

Result: Your phone announces 'Please say name'.

3. Say the desired name.

Result: Your phone plays back the name, then announces 'Please say name again' to confirm the name.

4. Say the name again.

Result: Your phone plays back the name and announces 'Please enter phone number, then press the "STO" button.'

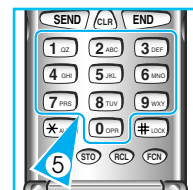
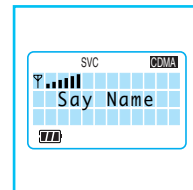
▶ If the phone fails to recognize the name correctly, it announces 'Please say name again.'

5. Enter the desired phone number.

6. Press **STO**.

Result: The phone announces 'Saved' when recording is finished successfully.

▶ If the phone announces 'Your instruction can not be processed. Please try again', recording is not completed properly. Try to record the name again.



Tips on Recording Name

- ◆ Avoid recording similar names phonetically. If you record a similar name to the one already in memory, the phone announces 'Please try another name since a similar name already exist.'
- ◆ Avoid recording in a noisy place.
- ◆ Speak clearly and natural.
- ◆ The person who will use the phone should record the name. The phone does not recognize the name if the voice sounds differently.
- ◆ Avoid too long or short name. It is recommended to contain 2 to 5 syllables.
- ◆ Voice dial feature is available only in CDMA mode.
- ◆ If this feature does not work properly, erase the name, and record with another name.
- ◆ It is recommended to practise several times to obtain best result.
- ◆ You can record up to 20 names. If you record more than 20, the phone announces 'Memory is full.'

Checking Recoded Name



1. Press **FCN**.

2. Press:

- ◆ Numeric button **4** followed by
- ◆ Numeric button **4**

Result: Your phone plays the recorded name.

Erasing Recorded Name

A Particular Name

1. Press **FCN**.

2. Press:

- ◆ Numeric button **4** followed by
- ◆ Numeric button **3**

Result: Your phone announces 'Press the "CLR" button, if you want to delete a name.'

3. Press ▲ or ▼ repeatedly until you find the one you want to delete.

4. Press **CLR** when you find the name.

Result: Your phone announces 'Deleted', then you hear the next name.

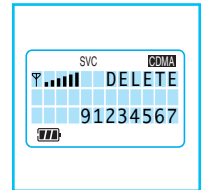
5. **To...**

Exit the function

Press...

END

Erase another one Repeat Steps 3-4.



All Names



1. Press **FCN**.

2. Press:

- ◆ Numeric button **4** followed by
- ◆ Numeric button **5**

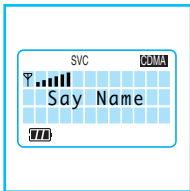


3. Press **STO**.

Result: Your phone sounds a long beep and all names are deleted.

Using Voice Dial

In Automatic Mode



1. Open the cover.

Result: Your phone announces 'Please say name.'

2. Say the name you want to make a call.

Result: Your phone plays the name and announces 'Calling in progress', then dials the number stored with the name.

- ➡ If the phone plays a different name, press **END** and start over again.

- ➡ To activate automatic voice dial mode, you have to turn the automatic voice dial feature on. See page 44.
- You can dial a phone number using number keypad when you hear 'Please say name.'

In Manual Mode

1. Press **FCN**.

2. Press:

- ◆ Numeric button **4** followed by
- ◆ Numeric button **2**

Result: Your phone announces 'Please say name.'

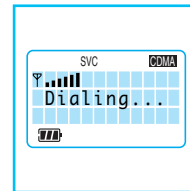
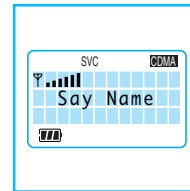
3. Say the name you want to make a call.

Result: Your phone plays the name and announces 'Calling in progress', then dials the number stored with the name.

- ➡ If the phone plays a different name, press **END** and start over again.

Tips on Using Voice Dial

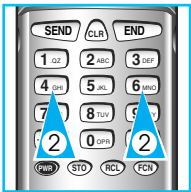
- ◆ Speak clearly and natural. If you sound the name in a different tone from the one you recorded, the phone does not recognize the name. The phone announces 'Please say name again.' If you fail several times, the phone announces 'Your instruction can not be processed. Please try again'
- ◆ Avoid using in a noisy place. If not, the phone announces 'Please retry in a quiet place.'
- ◆ If you do not speak name within a specified time, the phone will beep and the message **Time over** will be displayed.



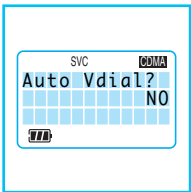
To Turn On/Off Automatic Voice Dial Feature



1. Press **FCN**.



2. Press:
 ◆ Numeric button **4**
 followed by
 ◆ Numeric button **6**



3. Press ▲ or ▼.

To... **Choose...**

Turn the feature on YES

Turn the feature off NO



4. Press **STO**.

Turning Tones On and Off

Keytone

You can press a number during conversation without transmitting the annoying beep tones to the person to whom you are speaking.

➔ This function is only available during a telephone conversation.

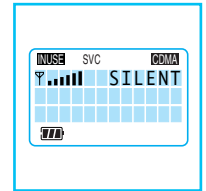
1. Press **FCN** while you are over the phone.



2. Press numeric button **3**.

Result: The message **SILENT** is displayed.

3. Enter the desired number.



Result: You and your party are not annoyed with the keytone.

4. To turn on the keytone, press:

- ◆ **FCN**
followed by
- ◆ Numeric button **3**.

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

➔ If you want to call for ARS service or pager, you have to turn on the keytone.

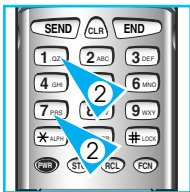


Call Release Tone

This feature enables the phone to sound a release tone when a call is released if the call was made in CDMA mode. When you purchase your phone, the release tone is preset to 'NO'.



1. Press **FCN**.



2. Press:

- ◆ Numeric button **1** followed by
- ◆ Numeric button **7**.

3. Press ▲ or ▼ to:

Choose...	To...
YES	Turn the feature on
NO	Turn the feature off

4. Press **STO**.



Connect Tone

This feature enables the phone to sound a connect tone when your phone is connected to the basestation system to make a call. When you purchase your phone, the connect tone is preset to 'NO'.

1. Press **FCN**.



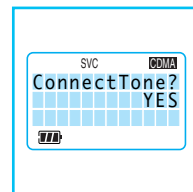
2. Press:

- ◆ Numeric button **1** followed by
- ◆ Numeric button **8**.

3. Press ▲ or ▼ to:

Choose...	To...
YES	Turn the feature on
NO	Turn the feature off

4. Press **STO**.



Sending Your Own Phone Number

You can send your phone number with a simple press of buttons.

☞ This function is only available during a telephone conversation.



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

- ◆ **FCN**
followed by
- ◆ Numeric button **9**.

Result: '**SENDING DTMF**' appears in the display. While the message blinks several times, your phone number is dialed automatically.

Displaying Your Own Phone Number

You can check your own phone number.



1. Press:
- ◆ **RCL**
followed by
 - ◆ **#**

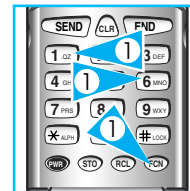
Result: The message **PHONE #:** and your own phone number are displayed.

- ☞ If you have your own phone numbers more than one number, press ▲ or ▼ to check the next number.

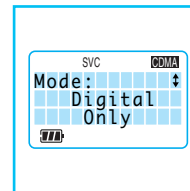
Choosing Analog or Digital Mode

You can choose to use analog or digital mode. When you purchase your phone, the service mode is preset to '**Digital is preferred**'.

1. Press:
- ◆ **FCN**
followed by
 - ◆ Numeric buttons **6** and **1**.



2. Press ▲ or ▼ once or more until the desired system mode is displayed. See below 'Service Mode'.



3. Press **STO**.



☞ Service Mode

- **Digital is preferred:** Digital system is preferred to analog system. If you are in the service area where the digital system is not available, you can call using analog system.
- **Digital Only:** You can call in the digital service area only. *It is impossible to call using analog system.*
- **Analog is preferred:** Analog system is preferred to digital system. If you are in the service area where the analog system is not available, you can call using digital system.
- **Analog Only:** You can call in the analog service area only. *It is impossible to call using digital system.*

System Selection

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



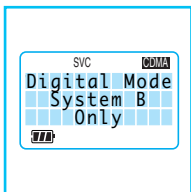
1. Press **FCN**.



2. In... **Press...**
- | | |
|--------------|-----------------------------------|
| Digital mode | Numeric buttons
6 and 2 |
| Analog mode | Numeric buttons
6 and 3 |



3. Press ▲ or ▼ repeatedly until the desired mode is displayed. See 'System Mode' on page 51.



4. Press **STO**.



System Mode

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

System A is preferred: Your phone will seek service on system A. If the call cannot be completed, the phone will automatically seek service on system B.

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

System B is preferred: Your phone will seek service on system B. If the call cannot be completed, the phone will automatically seek service on system A.

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

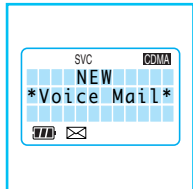
Message Service


This feature allows the phone to receive alphanumeric messages or voicemails (available in CDMA mode only). Contact your service provider for availability of this feature.

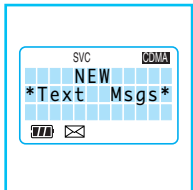
- ▶ Your phone can receive up to 10 text messages or one voice mail.
- Each message can contain a maximum of 60 alphanumeric characters.
- The messages are stored in the order they were received.

Finding Out You Have a Message

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



- ◆ By displaying '**NEW *Voice Mail***', '**NEW *Text Msgs***', or '**NEW * Page ***' message.
- ◆ By sounding alert tone once or every 2 minutes (if the 'SMS Alert' is turned on. See page 56.)
- ◆ By displaying  at the bottom of the LCD display.





- ▶ If the message is urgent, '**URGENT!**' is displayed in stead of '**NEW**'.
- If a caller left a callback number, your phone displays the number.
- If the memory is full with messages, '**Memory Full !**' is displayed. You must erase the old messages to receive a new message.

To Retrieve Messages in Voicemail

1. Press:

- ◆ **FCN**
followed by
- ◆ Numeric button **7**.

Result: ◆ Your phone displays the message options you can choose; **1:Voice, 2:Text, 3:Erase All, 4:SMS Alert**. Use  or  to see the option hidden in the display.

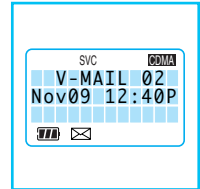
- ◆ The total number of new messages is also displayed.



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

Result: Your phone displays:

- ◆ Total number of messages stored in the voicemail center
- ◆ Date and time the message was received



3. Press **SEND**.

Result: Your phone calls and connects to the Voice Mail center.



4. You can check the voicemails by following the directions provided by your service provider.

To Read Text Messages

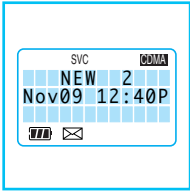


1. Press:

- ◆ **FCN**
followed by
- ◆ Numeric button **7**.

Result: ◆ Your phone displays the message options you can choose; **1:Voice, 2:Text, 3:Erase All, 4:SMS Alert.** Use ▲ or ▼ to see the option hidden in the display.

- ◆ The total number of new messages is also displayed.



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

Result: Your phone displays:

- ◆ Date and time the message was received
- ◆ Callback number (if a caller left)



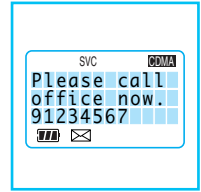
3. Press ▲ or ▼ to scroll through the available messages.

4. After you read the message:

To...	Press...
Display the previous message	Numeric button 7
Display the next message	Numeric button 9
Erase the message	CLR
Exit this function	END

Callback

1. When you're 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 instantaneously by pressing **SEND**.



To Erase All Messages

1. Press:

- ◆ **FCN**
followed by
- ◆ Numeric buttons **7** and **3**.

2. To...	Press...
Erase all messages	CLR
Cancel and exit this function	END



To Choose Alert Type for Message Receiving

When a message is received, the phone can alert you with the alert type chosen every 2 minutes until the message is checked.



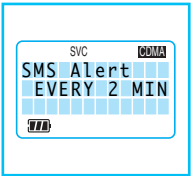
1. Press:
 - ◆ **FCN**
followed by
 - ◆ Numeric buttons **7** and **4**.



2. Press ▲ or ▼ until you find the desired alert type.

Result: There are three receiving alert modes (**OFF**, **ONCE**, **EVERY 2 MIN**) available.

3. Press **STO**.



Setting Alarm

You can set the phone to sound an alarm at an appointed time. If you set an alarm time, the phone will sound an alarm automatically at the appointed time.

To Set Alarm

1. Press:
 - ◆ **FCN**
followed by
 - ◆ Numeric buttons **3** and **2**.

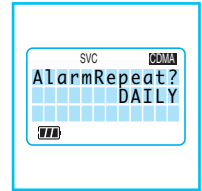


2. Press numeric button **1** to choose 'Set'.

3. Press ▲ or ▼ to choose the alarm mode.

Result: Each time you press ▲ or ▼, **ONE TIME** or **DAILY** is alternatively displayed.

- ◆ **ONE TIME** : Alarm will be activated one time.
- ◆ **DAILY** : Alarm will be activated on a specified time every day unless you release the alarm feature.



4. Press **STO**.

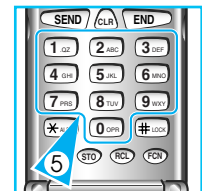
Result: If any alarm time is already set, the message **ALARM TIME** and the appointed time are displayed.



5. Enter the time you want to set.

Result:

- ◆ If the current time is already set, you can specify the alarm time. Enter the hour and minute.
- ◆ If the current time is not set, enter the time duration your phone has to wait in minutes.
- ▶ If you enter the invalid number, move the cursor to the desired digit by pressing * or # and correct the number.

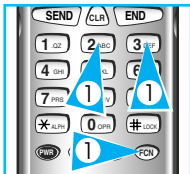




6. Press **STO**.

- The phone will beep and the message **-ALARM-** will be displayed at the appointed time.
- To stop a beep tone, open/close the cover, or press any button except **PWR**. Otherwise the beep tone will stop automatically after 3 minutes.

To Release Alarm



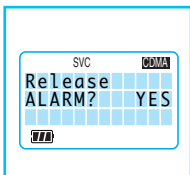
1. Press:

- ◆ **FCN** followed by
- ◆ Numeric buttons **3** and **2**.

2. Press numeric button **2** to choose **'Release'**.

3. Press ▲ or ▼ to choose 'YES'.

4. Press **STO**.



→ If you turn the phone off, then on when alarm is set:

If the alarm time is appointed...

At the current time mode

Using time duration (in minute) mode

Alarm setup...

Remains to be on.

Cancels.

DTMF Dialing

This feature allows you to utilize additional phone services, such as accessing pager, or banking by phone. The following two features will make it easier to send DTMF tone.

- If **SILENT** is displayed, turn on the keytone. See 'Turning Tones On and Off' on page 45.

Using Memory

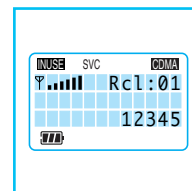
If you want to use this feature, store the numbers (ID code, credit card number, etc) in a memory location.

1. After you call the service, press **RCL** when the service asks to enter the DTMF code.



2. Enter the location number to be dialed.
Example: ◆ Credit card number
◆ Password

Result: The number stored in the location is displayed.



3. Press:
 - ◆ **FCN** followed by
 - ◆ **SEND**



Using Pause

You can insert a pause once or more between the DTMF tones. You can dial up to 36 digits including the pause.



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

2. Press:
◆ **STO**
followed by
◆ **#**

Result: The pause indication 'p' is displayed after the phone number.

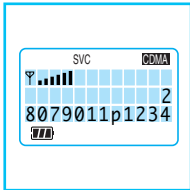
3. Enter the number to be dialed in DTMF.

4. Press **SEND**.

Result: When the special service answers, you hear the announcement to enter the numbers.

5. Press **SEND** again.

▶ If a pause is inserted more than once, press **SEND** repeatedly to transmit the next number after the pause.



Timers

Your phone provides versatile features related with timer as follows:

- ◆ Checking World Time
- ◆ Setting Current Time
- ◆ Checking Last Call Time
- ◆ Checking Cumulative Air Time
- ◆ Clearing Cumulative Air Time

To Check World Time

1. Press **FCN**.

2. Press numeric buttons **3** and **1**.

Result: The cities you can choose are displayed as follows:

Hongkong, Bangkok, Beijing, Cairo, Caracas, Chicago, Denver, Honolulu, London, Los Angeles, Moscow, New Delhi, NewYork, Paris, Rangoon, Rio de Janeiro, Rome, Samoa, San Francisco, Seoul, Sydney, Tokyo, Teheran, Wellington.

3. Press ▲ or ▼ until you find the desired city.

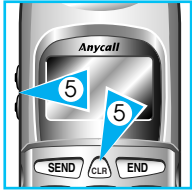
Result: You can check the time of 24 cities.





4. Enter the desired city number.

Result: The current time of the desired city is displayed.



5. **To...** Check time for other cities **Press...** ▲ or ▼
 Exit this function **CLR**

➔ If the LCD displays 'PLEASE ENTER CDMA SERVICE FOR TIME' when you try to check world time, you cannot get correct world time information unless you set correct current time. To set a current time, or to check the current time, see 'To Set and Change Current Time' on page 63.

To Set and Change Current Time

1. Press **FCN**.



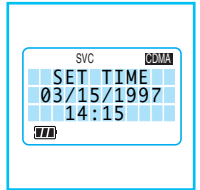
2. Press numeric buttons **3** and **0**.

Result: The current time, if any previously set, is displayed.



3. Enter the current time using the number button.

- ➔ Press the number button in sequence of month/day/year/hour/minute.
- If you entered wrong number, move the cursor to the desired digit by pressing * or #, then correct the number.



Example: For March, 15th, 1997, 2:15PM, enter 031519971415 in sequence.

4. Press **STO**.

Result: The current time is displayed.

- ➔ If you enter an invalid time, the message **INVALID TIME** is displayed.
- If you turn the phone on and off, or attach and remove the battery in the analog mode, the current time disappears.



To Check the Last Call or the Cumulative Air Time

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



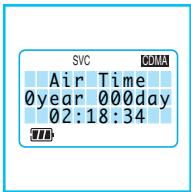
1. Press **FCN**.



2. To check... Press...

Last call time	Numeric button 3 twice
Cumulative air time	Numeric buttons 3 and 4 .

Result: The call time chosen is displayed in year/day/hour/minute/second.



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

To Erase the Cumulative Air Time

1. Press **FCN**.

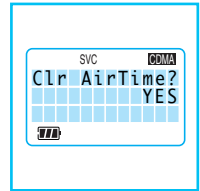


2. Press numeric buttons **3** and **5**.

Result: The message **Clr AirTime?** is displayed.



3. Press **▲** or **▼** to choose 'YES'.



4. Press **STO**.

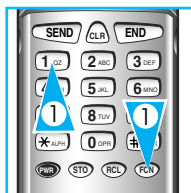
Result: **AIR TIME IS CLEARED** is displayed and all cumulative air time is deleted.



Automatic Feature Setup

You can change the status of an automatic feature already setup in your phone.

To Change the Status of Automatic Feature



1. Press:

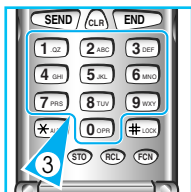
- ◆ **FCN**
followed by
- ◆ Numeric button **1**

Result: The features you can choose are displayed.



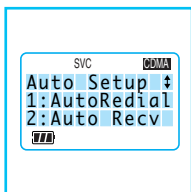
2. Press ▲ or ▼ until you find the feature you wish to change.

Result: The phone shows a function number you have to press to choose the feature.



3. Press the function number of the feature.

- ▶ The function numbers are as follows:
 - 1: Auto Redial
 - 2: Auto Receiving
 - 3: Tone Length
 - 4: Backlight
 - 5: Call Time Display
 - 6: Present Time Display
 - 7: Release Tone Setting
 - 8: Connect Tone Setting



4. Press ▲ or ▼ to choose the status you want.



5. Press **STO**.



Selectable Features

Automatic Redial: When this feature is activated (**YES** mode), a number is automatically redialed if the call is not connected successfully. If the phone is connected to the system while redialing the number, you can hear the connect tone. If it is disabled (**NO** mode), you must redial manually.

Automatic Receiving: If this feature is activated (**YES** mode) and a call is received, the phone will answer the call automatically after 2 rings. If it is disabled (**NO** mode), you must press any button except **PWR** to answer the call.

▶ If you have chosen LAMP, VIBRATOR, or VIB+BELL mode to alert the incoming call, the Automatic Receiving feature will not activate.

Tone Length: You can change the tone length. Your phone is preset to **Short** at the factory. If the remote machine does not access the tone generated from your phone, change the tone length to **Long**.

▶ When you call a paging system, your phone should be in **Short** mode.

Backlight: When you turn on your phone, the LCD display and keypad light up. You can choose from **Automatic**, **Always OFF**, or **Always ON**. In **Automatic** mode, the light goes off automatically 8 seconds after the last button is pressed. (If you use the phone with hands-free kit, the light is on from 5 P.M. to 7:59 A.M. on the following day.) In **Always ON** mode, if you use the phone with hands-free kit, this light is always on; if not, this mode operates the same as **Automatic** mode. If you choose **Always OFF** mode, the light is always off. (If you use the phone with hands-free kit, the light goes off automatically 8 seconds after the last button is pressed.)

Call Time Display: If this feature is activated (**ON** mode), the call time counter is automatically displayed when the phone is connected to the system. You can check the call time during telephone conversation. In **OFF** mode, you must activate the call time display manually by pressing **FCN** and numeric button **1** while you are over the phone. To turn off the feature, press **FCN** and **1** again.

➔ The call charge starts to count when the call is actually connected.

Present Time Display: If this feature is activated (**ON** mode), the current time is displayed. In **OFF** mode, the current time is not displayed. If you turn the phone on and off, or attach and remove the battery in the analog mode, the current time disappears.

Release Tone: When this feature is activated (**YES** mode), the phone sounds a release tone when a call is released if the call was made in CDMA mode. In **NO** mode, the phone does not generate a release tone. See page 46.

Connect Tone: When this feature is activated (**YES** mode), the phone makes a connect tone when your phone is connected to the basestation system to make a call. In **NO** mode, the phone does not generate a connect tone. See page 47.

Changing Greeting Message

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

1. Press:

- ◆ **FCN**
followed by
 - ◆ Numeric button **0**
-



2. Enter the lock code.

- ➔ The lock code is preset to 0000. An asterisk (*) is displayed for each digit entered.
-

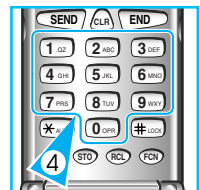


3. Press numeric button **1** to choose 'Greeting' function.



4. Enter new greeting message with the number button marked with the desired letter.

- ➔
- You can enter the greeting message up to 12 digits.
 - Refer to page 28 for entering letter with the number button.
-



5. Press **STO**.

Restricting the Use of the Phone

You can restrict the use of the phone by unauthorized person. There are 4 restriction modes you can choose as follows:

- ◆ **Restrict Dial from Memory:** In this mode, you cannot access the memory feature. Storing number in memory or recalling number from memory is prohibited. If you try to use the memory feature, **MEMORY IS RESTRICTED** is displayed.
- ◆ **Restrict International Call:** In this mode, you cannot dial an international call number beginning 00. If you try to dial a phone number beginning 00, **INT. CALL IS RESTRICTED** is displayed.
- ◆ **Restrict Special Call:** In this mode, you cannot dial a special phone number having 2 digits or less. If you try to dial a number less than 2 digits, **SPEC. CALL IS RESTRICTED** is displayed.
- ◆ **Restrict Incoming Call:** In this mode, you cannot answer incoming calls. **PAGE RESTRICTED** is displayed.

➔ In all restriction mode, you are allowed to make emergency calls.

1. Press:

- ◆ **FCN**
followed by
- ◆ Numeric button **0**

Result: The LCD display asks to enter your lock code.



2. Enter the lock code.

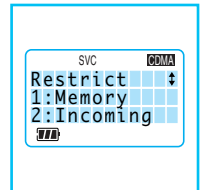
Result: If the correct lock code is entered, the Setup menu is displayed.

- ➔ The lock code is preset to 0000 at factory.
- For further details on the lock code, see 'Changing Lock Code' on page 73.



3. Press **4** to select 'Restrict' function.

Result: The restriction modes you can choose are displayed.





4. **To restrict...** **Press...**
- Memory dial Numeric button **1**
 - Incoming call Numeric button **2**
 - International call Numeric button **3**
 - Special call Numeric button **4**



5. Press ▲ or ▼:
- | | |
|----------------------|------------------|
| To... | Choose... |
| Turn on the feature | YES |
| Turn off the feature | NO |



6. Press **STO**.

Changing Lock Code

When you purchase your phone, the lock code is preset to 0000.

1. Press:
- ◆ **FCN**
 - ◆ followed by
 - ◆ Numeric button **0**



2. Enter the current lock code.

Result: An asterisk (✱) is displayed for each digit entered.



3. Press numeric button **3** to choose 'Lock Code' function.

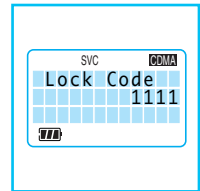


4. Enter the new lock code.

▶ The lock code must be 4 digits.

5. Press **STO**.

▶ If you enter fewer than 4 digits, **'TOO FEW DIGITS!'** is displayed and the phone returns to step 4.



Locking the Phone

If you lock the phone, calls can not be made until correct lock code is entered. You can, however, still receive incoming calls.

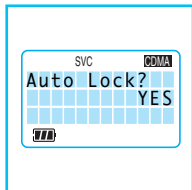
- ➔ When **LOCKED** is displayed, pressing the lock code allows you to use the phone until you turn off the phone. If the phone is turned off, the lock status is reset.



1. Press:
 - ◆ **FCN** followed by
 - ◆ **#**



2. Enter the lock code.
 - ➔ The lock code is preset to 0000. An asterisk (*) is displayed for each digit entered.



3. Press ▲ or ▼ :

To...	Choose...
Turn on the feature	YES
Turn off the feature	NO

4. Press **STO**.

Warning Beep Generation

You can set your phone to generate beeps

- ◆ every one minute during your phone conversation to indicate the call time passed.
- ◆ when service area is changed.

1. Press:

- ◆ **FCN** followed by
- ◆ Numeric button **0**



2. Enter the lock code.

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



3. To set... Press...

One-minute beep during conversation	Numeric button 5
Service area change alert	Numeric button 6



4. Press ▲ or ▼ :

To...	Choose...
Turn on the feature	YES
Turn off the feature	NO

5. Press **STO**.



Choosing NAM

NAM feature allows you to subscribe to one or more service networks.



1. Press:

- ◆ **FCN**
- followed by
- ◆ Numeric button **0**

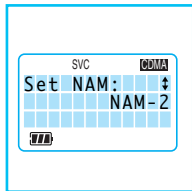


2. Enter the lock code.

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



3. Press numeric button **9** to choose 'Set NAM' function.



4. Press ▲ or ▼ to choose the desired NAM mode.

- ➡ Maximum of 4 NAM selections are available.

5. Press **STO**.

Setting the Phone to Send PIN

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

1. Press:

- ◆ **FCN**
- followed by
- ◆ Numeric button **0**

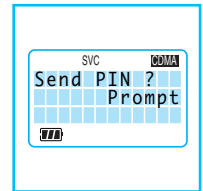


2. Enter the lock code.

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



3. Press numeric button **2**.



4. Press ▲ or ▼ :
To...

- Turn on the feature
- Turn off the feature

Choose...

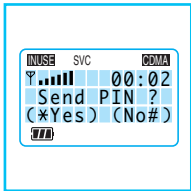
- Prompt
- Never





5. Press **STO**.

To Use the Feature



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



2. To...	Press...
Send PIN	*
No send	#

System Reset

This feature changes the status of the phone to manufacturer's default status. If you want to reset all changed status to manufacturer's default status, use this feature.

1. Press:
 - ◆ **FCN**
 - followed by
 - ◆ Numeric button **0**



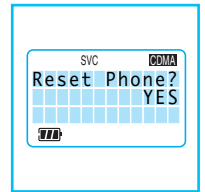
2. Enter the lock code.

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



3. Press numeric button **0** to choose 'ResetPhone' function.

Result: The message **Reset Phone? YES** is displayed.



4. Press ▲ or ▼ :	To...	Choose...
	Reset the phone	YES
	Exit this function	NO



5. Press **STO**.

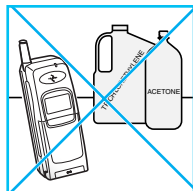
Result: The message **WAIT TO RESET PHONE** is displayed and all functions (except for greeting and lock code) are converted to the default status.

Cleaning Your Cellular Phone

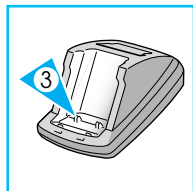
There are no specific cleaning requirements for your cellular phone.



1. Use a damp cloth to clean your cellular phone. Do not allow water to get into the phone, particularly the battery.



2. Do not use abrasive powders or sponges or any solvents, such as trichloroethylene or acetone, as they may damage the plastic surfaces.



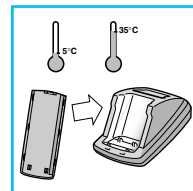
3. If the battery or charger terminals become stained or rusty, clean them with a soft cloth.

Battery Safety Precautions

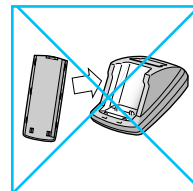
The illustrations below indicate the precautions to be taken with the battery packs.

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

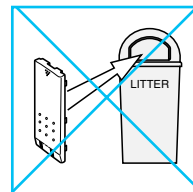
- ◆ Above 95 °F (35 °C)
- ◆ Below 41 °F (5 °C)



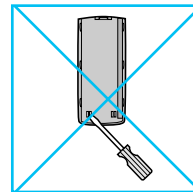
DO NOT use any charging devices other than the ones supplied with your cellular phone.

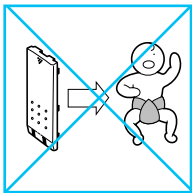


Any replacement battery pack must be of the same manufacturer and type. Used batteries should not be disposed of in a fire or waste bin. Dispose of them in accordance with local legislation.

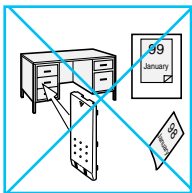


DO NOT disassemble the battery packs. There are no user-serviceable parts inside it. DO NOT drop the batteries or subject them to physical shocks.



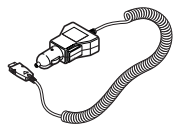


Keep the batteries out of children's reach.



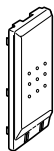
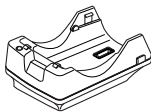
If the batteries are not used for a long period of time (about one year), their service life may be reduced. Store them in a cool, dry place.

Accessories



Cigarette Lighter Charger (CLC10)

Allows you to charge your batteries in your vehicle.



Battery

BTL810M : Medium capacity battery

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 is displayed in the display.

- ◆ 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 correct service mode (See page 49).
- ◆ Sometimes, NOSVC indication appears briefly. It is normal.

Beep tone sounds when you make a call.

- ◆ The call is not made successfully.
 - When beep tone sounds, press **SEND** again so that the number is redialed 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 (See page 21).

LOCKED is displayed and you cannot make a call.

- ◆ The phone is locked.
 - Press 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.
- ◆ After charging, please store battery 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.

The phone does not work properly, or does not work at all.

- ◆ Remove battery from the phone and reattach it.

MAINTENANCE REQUIRED is displayed

- ◆ Make sure the phone is registered to use.

Nothing is displayed

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

You have entered a number but does not dial.

- ◆ 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 switched on (**PWR** button 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 switched 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 display

- ◆ The battery pack is insufficiently charged. Replace the pack 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 display; the number of bars indicate the signal strength from strong () to weak ().
- ◆ Try extending the antenna, moving the phone slightly or moving closer to 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, take 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 SAMSUNG Authorized Service Center.

LCD Messages

AIR TIME IS CLEARED	Cumulative call time is cleared
ALL MEMORIES ARE CLEARED	All the phone numbers stored in memory are cleared.
ALL MEMORIES ARE EMPTY	There is no phone number stored in memory.
INT.CALL IS RESTRICTED	While the phone is restricted, you have tried to make an international call beginning 00.
INVALID TIME	You have entered invalid or no time.
LAST CALLS ARE CLEARED	All the phone numbers in redial memory are cleared.
LOCATION EMPTY	The memory location you chose is empty.
MAINTENANCE REQUIRED	The phone number is not registered in the base station.
MEM. (00-79) IS FULL	There is no empty location under which you can store phone numbers.
MEMORY IS RESTRICTED	While the phone is restricted, you have tried to make a call by memory dial.
MEMORY USED! CLEAR? YES	A phone number stored in the selected memory location is cleared.
MEMORY USED! STORE? YES	A phone number is already stored in the selected memory location.

NAME NOT FOUND	The name you are trying to recall does not exit.
NO LAST CALL	There is no phone number stored in redial memory.
NO MATCH NUMBER	The phone number you are trying to recall does not exit.
NO PHONE NUMBER	You have pressed SEND without entering a phone number.
NO SERVICE	The phone is out of service area.
NO STORED NAME	Name is not stored with the phone number into memory.
PAGE RESTRICTED	While the phone is restricted, you have tried to answer call.
PLEASE ENTER CDMA SERVICE FOR TIME	You have tried to check world time while the current time is not set.
REDIAL CALL FAILED	The call cannot be made completely even after automatic redialing.
SEARCHING EMPTY MEMORY	The phone is searching empty memory.
SPEC.CALL IS RESTRICTED	While the phone is restricted, you have tried to make a special call.
TOO FEW DIGITS!	Too few digits for your lock code.
WAIT TO RESET PHONE	The phone is being initialized.

Summary

BASIC OPERATION

Turning on and off	PWR (press and hold)
Making a call	Phone number + SEND
Receiving a call	Any button (except for PWR) or Open the cover
Adjusting volume	
• Keytone	(in standby mode) ▲/▼
• Speaker	(while over the phone) ▲/▼
• Ringer	FCN + 5 + ▲/▼ (on the side)
Mute	(while over the phone) FCN + 2
Choosing alert type	FCN + 2 + 1 + ▲/▼ + STO
Choosing ringer bell	FCN + 2 + 2 + ▲/▼ + STO
Last 10 number	
• Scanning and dial	RCL + RCL + ▲/▼ + SEND
• Erasing all numbers in redial memory	FCN + 0 + lock code + 8 + ▲/▼ + STO

MEMORY DIALING

Finding empty location	RCL + * + ▲/▼
Finding empty location under a specified group	RCL + 0-7 + * + ▲/▼
Storing numbers into	
• Specific memory location	Phone number + STO + location (00-79) + name + STO
• Any empty location	Phone number + STO + * + name + STO
• Specific numeric group	Phone number + STO + 0-7 + * + name + STO

Calling numbers by

- One-touch **0-9** (hold the last digit of the hot line memory 00-09)
- Two-touch **10-79** (press shortly the first digit and hold the last digit)

Scanning memories by

- Location number **RCL + location (00-79) + ▲/▼**
- Name **FCN + * + name + RCL + ▲/▼**
- Partial phone number The first part of phone number as long as you know + **RCL + ▲/▼**

Erasing numbers stored in

- Specific memory location **CLR (hold) + STO + location (00-79) + STO**
- All memories **FCN + 0 + lock code + 7 + ▲/▼ + STO**

VOICE DIALING

Selecting Language	FCN + 4 + 7 + ▲/▼ + STO
Recording Name	FCN + 4 + 1 + Say name (twice) + Phone number + STO

Checking Name	FCN + 4 + 4
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Erasing

- A particular name **FCN + 4 + 3 + ▲/▼ + CLR + END**
- All names **FCN + 4 + 5 + STO**

Using Voice Dial

- In automatic mode Open the cover + Say name
- In manual mode **FCN + 4 + 2 + Say name**
- To turn on/off automatic voice dial feature **FCN + 4 + 6 + ▲/▼ + STO**

USEFUL FEATURES

Turning off keytone	<i>(while over the phone)</i> FCN + 3
Sending own number	<i>(while over the phone)</i> FCN + 9
Own number display	RCL + #
Changing to analog or digital mode	FCN + 6 + 1 + ▲/▼ + STO
Selecting system	
• In digital mode	FCN + 6 + 2 + ▲/▼ + STO
• In analog mode	FCN + 6 + 3 + ▲/▼ + STO
Message service	
• To retrieve voice mail	FCN + 7 + 1 + SEND
• To read text message	FCN + 7 + 2 + ▲/▼
• To callback	SEND
• To erase all messages	FCN + 7 + 3 + CLR
• To choose alert type	FCN + 7 + 4 + ▲/▼ + STO
Setting alarm	
• Turn on	FCN + 3 + 2 + 1 + ▲/▼ + STO + alarm time + STO
• Turn off	FCN + 3 + 2 + 2 + ▲/▼ + STO
DTMF dialing	
• Using memory dial	<i>(while over the phone)</i> RCL + location (00-79) + FCN + SEND
• Using pause insert	Phone number + STO + # + Phone number + SEND + SEND

Checking world time	FCN + 3 + 1 + ▲/▼ + city number
Setting current time	FCN + 3 + 0 + time + STO
Checking last call time	FCN + 3 + 3
Cumulative call time	
• Checking	FCN + 3 + 4
• Erasing	FCN + 3 + 5 + ▲/▼ + STO

ADVANCED FEATURES

User-selectable features setup

• Automatic redial	FCN + 1 + 1 + ▲/▼ + STO
• Automatic receive	FCN + 1 + 2 + ▲/▼ + STO
• Tone length	FCN + 1 + 3 + ▲/▼ + STO
• LCD Back light	FCN + 1 + 4 + ▲/▼ + STO
• Call time display	FCN + 1 + 5 + ▲/▼ + STO
	or
	<i>(while over the phone)</i> FCN + 1
• Current time display	FCN + 1 + 6 + ▲/▼ + STO
• Release tone	FCN + 1 + 7 + ▲/▼ + STO
• Connect tone	FCN + 1 + 8 + ▲/▼ + STO
Changing greeting message	FCN + 0 + lock code + 1 + new greeting + STO
Restrict phone use	
• No memory dial	FCN + 0 + lock code + 4 + 1 + ▲/▼ + STO
• No incoming call	FCN + 0 + lock code + 4 + 2 + ▲/▼ + STO
• No international call	FCN + 0 + lock code + 4 + 3 + ▲/▼ + STO

• No special call	FCN + 0 + lock code + 4 + 4 + ▲/▼ + STO
Changing lock code	FCN + 0 + current lock code + 3 + new code + STO
Auto lock	FCN + # + lock code + ▲/▼ + STO
One-minute beep during conversation	FCN + 0 + lock code + 5 + ▲/▼ + STO
Service area change alert	FCN + 0 + lock code + 6 + ▲/▼ + STO
Choosing NAM	FCN + 0 + lock code + 9 + ▲/▼ + STO
Setting to send PIN	FCN + 0 + lock code + 2 + ▲/▼ + STO
System reset	FCN + 0 + lock code + 0 + ▲/▼ + STO

