



OWNER'S MANUAL
**CDMA PORTABLE
 CELLULAR TELEPHONE
 SCH-100S**



Printed in Korea
 GH68-60546A
 '97/03 Rev. 3.0

Symbols



Press/Push
① = Step number



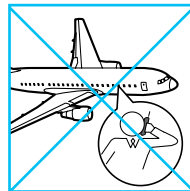
Important



Note

Safety Precautions

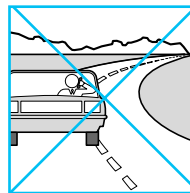
The illustrations below indicate the safety precautions to be taken when using your cellular telephone.



The use of cellular phones in an aircraft:

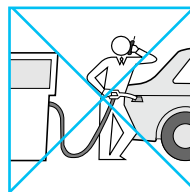
- ◆ Is dangerous to aircraft operations.
- ◆ May disrupt the cellular network.
- ◆ Is illegal.

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



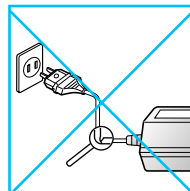
NEVER use your phone while driving, even if hands free operation is allowed. ALWAYS park your vehicle first.

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.

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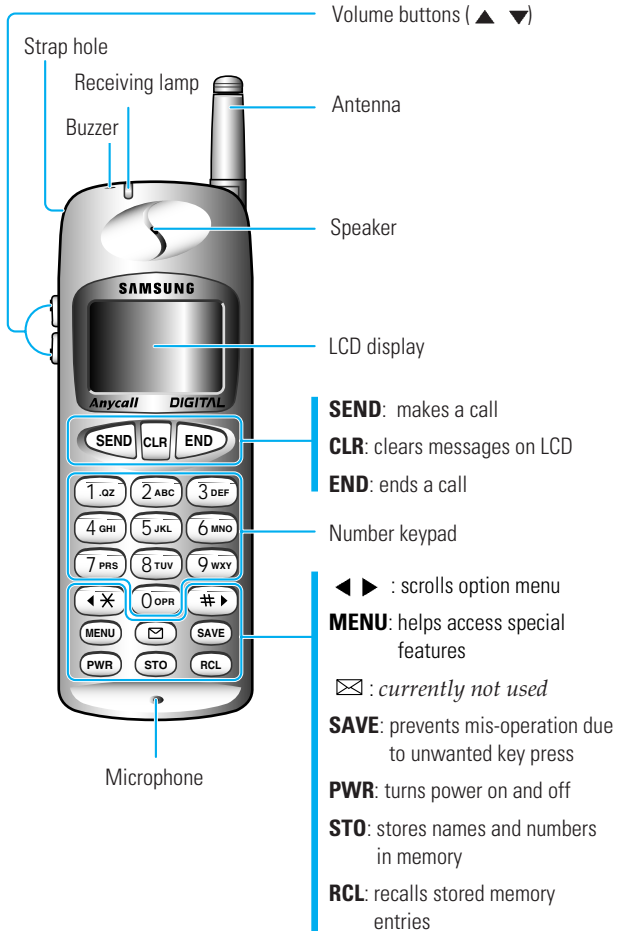
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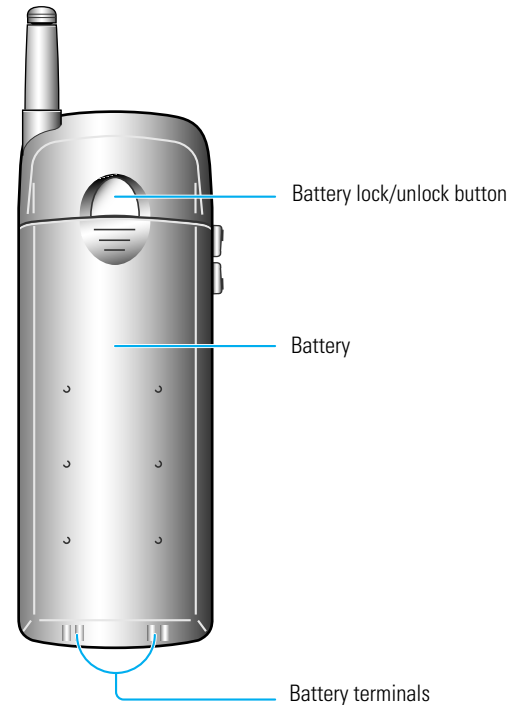
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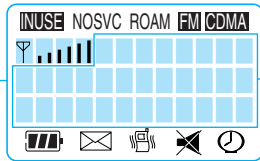
Front View of the Phone



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 the vibration mode.



indicates silent mode (lamp mode).

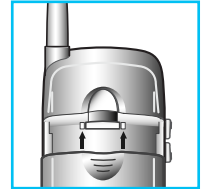


lights up when a call reservation feature is set.

Installing the Battery Pack

Your phone comes with a rechargeable extended-life battery. A standard battery is available as an option. Contact your supplier.

1. To attach the battery pack after charging, align it with the phone so that the two arrows on the phone are seen, the battery charge contacts pointing downwards.

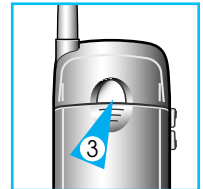


2. Slide the battery pack upwards until it clicks firmly into position.

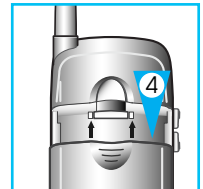
Result: Your phone is now ready to be turned on.



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

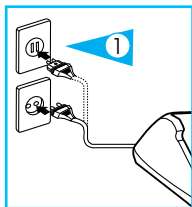


4. Slide the battery pack downwards about 1cm (1/2") and lift it away from the phone.



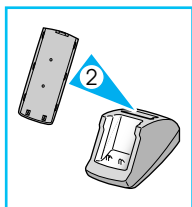
Charging the Battery Pack

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.

- ◆ An appropriate power cord should be used according to the voltage provided in the user's area.
- ◆ 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 120	about 180
Rear	about 90	about 90	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	60 min	130 min	200 min	
	Standby	Slot 1	13-14 hr	27-29 hr	39-41 hr
		Slot 2	17-19 hr	36-38 hr	53-55 hr
Analog mode	Talk mode	40 min	80 min	120 min	
	Standby	4-5 hr	8-10 hr	12-13 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

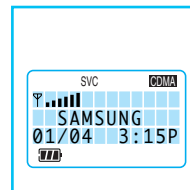
The battery charge level is displayed at the left corner of the LCD display.


The number of blocks represent the battery charge level.

Example:

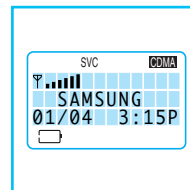
 Battery fully charged

 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.



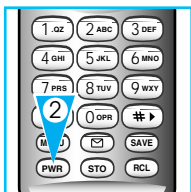
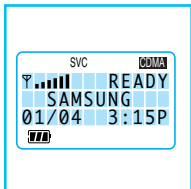
1. To turn on the phone, press **PWR** and hold.

Result: The phone

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

When the message **READY** is displayed, you can place and receive calls.

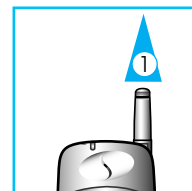
- ➔ If the phone is locked, the message **READY** is replaced by **LOCKED**. You must enter the lock code. You can place a 3-digit emergency call when the phone is locked.



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

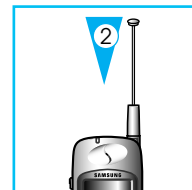
Extending the Antenna

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

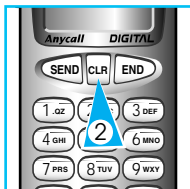
Making a Call

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



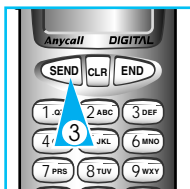
1. Enter the desired telephone number, including the area code.

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.



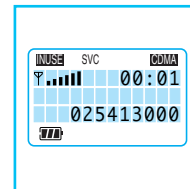
3. When you have entered the whole number, press **SEND**.

Result:

- ◆ The number is dialed.
- ◆ The **Inuse** indication is displayed.

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 53.



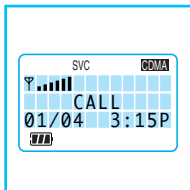
5. When you have finished the call, press **END**.



- ▶ If your party does not answer your call, **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 only receive calls when the phone is turned on.



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

→ You can choose the alert type; bell, lamp, or vibration (option). For details, see page 21.



2. To answer the call, press any button except **PWR**.



3. Begin the conversation.

4. When you have finished the call, press **END**.

→ If 'Incoming call restrict' feature (see page 57) is activated and there is an incoming call, the message **PAGE RESTRICTED** is displayed and you can not answer the call.

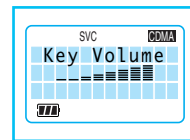
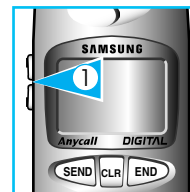
Adjusting Volumes

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*.

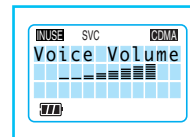
1. Press ▲ or ▼ until you reach the desired volume level.



Earphone Volume

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

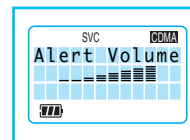
1. Press ▲ or ▼ until you reach the desired volume level.



Ringer Volume

→ This function is only available *in standby mode*.

1. Press:
 - ◆ **MENU** followed by
 - ◆ Numeric button **5**

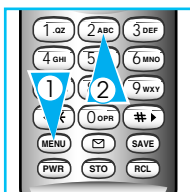


2. Press ▲ or ▼ until you reach the desired volume level.

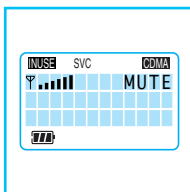
Mute

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.

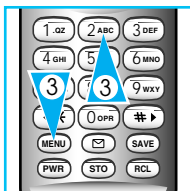


1. Press **MENU** while you are over the phone.



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

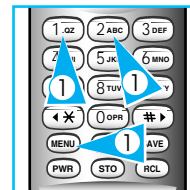
Result: The message **MUTE** disappears on the display and you can speak with your party.

Choosing Alert Type

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

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

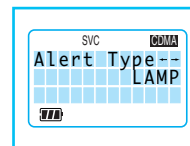
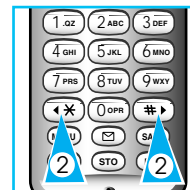
Result: The alert type currently selected is displayed.



2. Press ◀ or ▶ until the desired mode is displayed.

Result: The alert types you can choose are displayed:

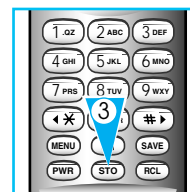
- ◆ **BELL** : the bell sounds and the receiving lamp flickers.
- ◆ **VIBRATOR (option)**: the phone vibrates and the receiving lamp flickers.
- ◆ **LAMP** : the receiving lamp flickers.



3. Press **STO**.

Result:

- ◆ ☎ appears if the LAMP mode is selected.
- ◆ 📳 appears if the VIBRATOR mode is selected.

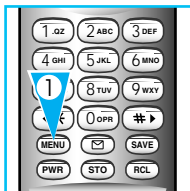


- ▶ When you use the hands-free kit, you cannot choose the VIBRATOR or LAMP indication modes.
- ▶ The VIBRATOR mode is not available in some countries.

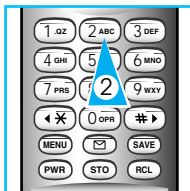
Choosing Ringer Bell

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

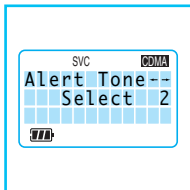
1. Press **MENU**.



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

Redialing is a special type of memory dialing that lets you easily dial a busy or unanswered number again. You can search the history of 10 recently called numbers.

To Scan and Redial

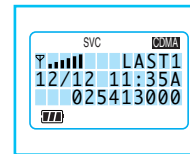
1. Press **RCL** twice.

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

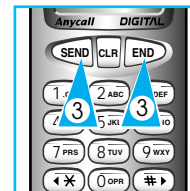


2. Press ◀ or ▶ until the desired number is displayed.

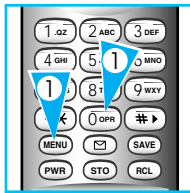
Result: The last called number is stored in 'LAST 0'. The 10 recently called numbers are displayed from 'LAST 0' to 'LAST 9'.



3. To...	Press...
Redial the number in the display	SEND
Exit this function	END



To Erase All Numbers in Redial Memory



- Press:
 - ◆ **MENU** followed by
 - ◆ Numeric button **0**

Result: You are asked to enter the lock code.



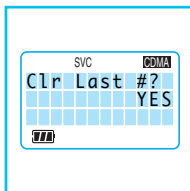
- Enter the current lock code.

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



- Press numeric button **8**.

- Press ◀ or ▶ to choose 'YES'.



- Press **STO**.

Result: The message **WAIT**, and then **LAST CALL IS CLEARED** are displayed.

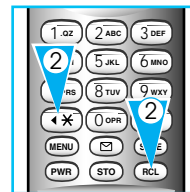
Finding an Empty Memory Location

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

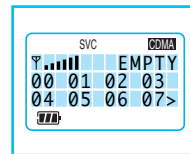
Any Empty Location

- Press:
 - ◆ **RCL** followed by
 - ◆ ◀

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



- Press ◀ or ▶ to display the other available locations.

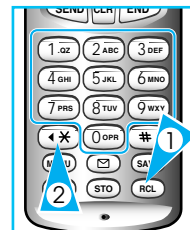


Empty Location Under a Specified Group

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

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

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



- 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 100 numbers can be stored in memory location 00-99.
- ◆ Memory locations from 00 to 09 are used for one-touch dial.
- ◆ Memory locations from 90 to 99 are used to store confidential phone numbers.
- ◆ 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 number entered is displayed.



2. Press **STO**.

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

3. To...

Assign a specific location

Store the number in the first available location

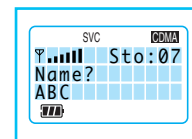
Store a number into secret memory

Press...

2-digit location number between 00 through 99

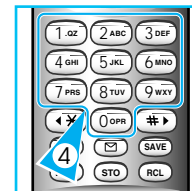


2-digit location number between 90 through 99



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. (00-89) IS FULL** is displayed.
- If the message **Memory Used! Store? YES** is displayed, a number has already been stored in the memory location chosen.

To...

Replace it with the new one

Assign another location

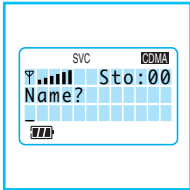
Choose...

YES, then **STO**

NO, then **STO**

Entering Name in Memory

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

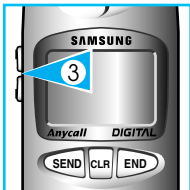


1. Start when the LCD prompts to enter name.

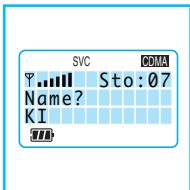


2. Press the number button marked with the desired letter.

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



3. If necessary, press ▲ or ▼ 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.

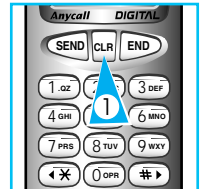
▶ If you press ◀ and ▶, the cursor moves to the left and right. Use these buttons to correct a wrong letter or insert a space between the letters.



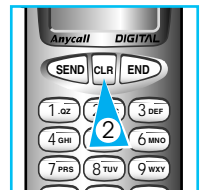
Correcting a Name or Number

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 (0-9).

- ▶ 0: From 00 to 09
- 1: From 10 to 19
- 2: From 20 to 29
- ...
- 8: From 80 to 89
- 9: From 90 to 99



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

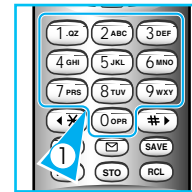
Memory locations 00 to 09 are special one-touch locations. You can dial the phone numbers stored in the memory from 00 to 09 simply by pressing one button.

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



Secret Number Dialing

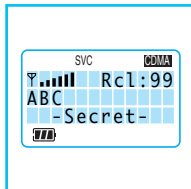
You can dial the secret phone number stored in memory locations from 90 to 99 the same as 'Two-Touch Dialing' on page 31. Only difference when you dial the secret number is

- ◆ Phone number is not displayed
- ◆ Name (if stored) is displayed

If you want to see the phone number stored in secret memory, do as follows:



1. Press **RCL**.



2. Enter the desired location number (90-99).

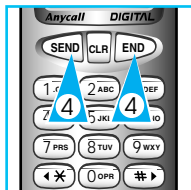
Result:

- ◆ The message **-Secret-** is displayed.
- ◆ The name (if any) is displayed.



3. Enter the lock code.

- ▶ The lock code is preset to 0000.



4. **To... Press...**

Make the call **SEND**

Exit the function **END**

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

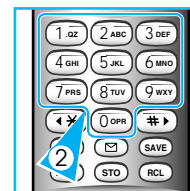
1. Press **RCL**.



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.

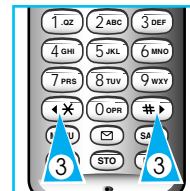
- ▶ If the location is empty, **LOCATION EMPTY** is displayed.



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

Next memory location ▶

Previous memory location ◀

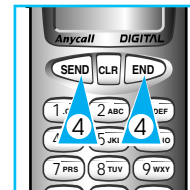


4. When you have found the desired number:

To... Press...

Make the call **SEND**

Exit the function **END**



By Name



1. Press:
 - ◆ **MENU** followed by
 - ◆ Numeric button **7**.

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

2. Enter all or 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.



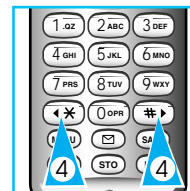
3. Press **RCL**.

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.

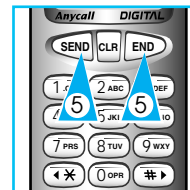
4. **To display the...** **Press...**

Next name ▶
Previous name ◀

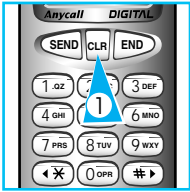


5. When you have found the desired number.

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



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)

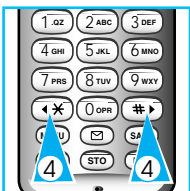
➡ **'NO MATCH NUMBER'** is displayed if there is no number matching the request.



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.

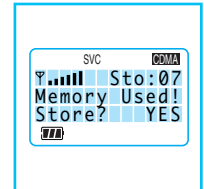
Result: The telephone number on the display is erased.



2. Press **STO**.



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

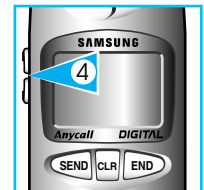


4. Press ▲ or ▼:

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



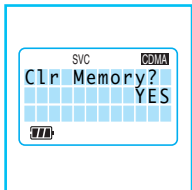
1. Press:
 - ◆ **MENU** followed by
 - ◆ Numeric button **0**.



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 'YES'.

5. Press **STO**.

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

Turning Keytone On and Off

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 **MENU** while you are over the phone.

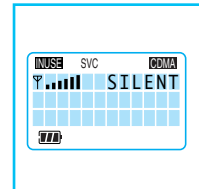


2. Press numeric button **3**.

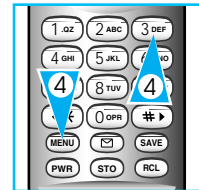
Result: The message **SILENT** is displayed.

3. Enter the desired number.

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



4. To turn on the keytone, press:
 - ◆ **MENU** followed by
 - ◆ Numeric button **3**.



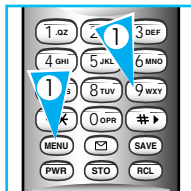
Result: The message **SILENT** disappears and the keytone sounds.

➔ If you do not turn on the keytone, you cannot use ARS service or call pager.

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:

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

Result: Your phone number is dialed automatically.

Displaying Your Own Phone Number

You can check your own phone number.



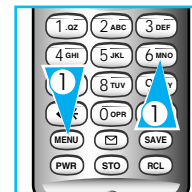
1. Press:
- ◆ **RCL**
followed by
 - ◆ **3**.

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

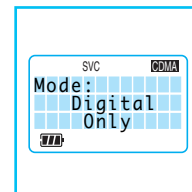
Choosing the System Mode

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

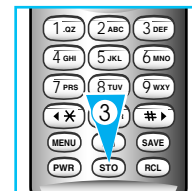
1. Press:
- ◆ **MENU**
followed by
 - ◆ Numeric button **6**.



2. Press ◀ or ▶ once or more until the desired system mode is displayed. See below 'System Mode'.



3. Press **STO**.



➔ System 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.*

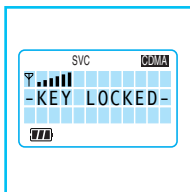
Key Lock

Use this feature to prevent unwanted key press. If you turn on the feature, the keys on the phone are locked and cannot be operated.



1. Press **SAVE** and hold.

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



2. To turn off the feature, press **SAVE** and hold.

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

- ➔ This feature is not activated in case the phone is used with the hands-free kit. If you try to use the phone with the hands-free kit while the button lock feature is activated, this feature is automatically turned off.

DTMF Dialing

This feature allows you to utilize additional phone services, such as accessing an alternate long distance network, signaling 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 Keytone On and Off' on page 39.

Using Memory

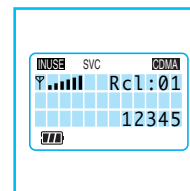
If you want to use this feature, store the numbers (ID code, credit card number, etc) in a memory location.

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

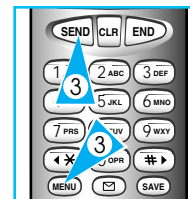


2. Enter the location number to be dialed.
Example: ♦ Credit card number
♦ Password

Result: The number stored in the location is displayed.



3. Press:
♦ **MENU**
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.

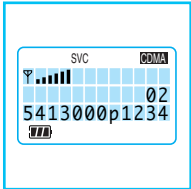
3. Enter the number to be dialed in DTMF.

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 **MENU**.

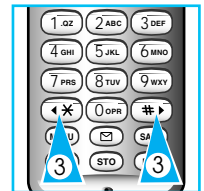
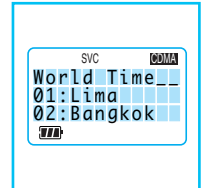


2. Press numeric buttons **3** and **1**.

Result: The cities you can choose are displayed as follows:
Lima, 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...** **Press...**

Check time for other cities ◀ 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 47.

To Set and Change Current Time

1. Press **MENU**.



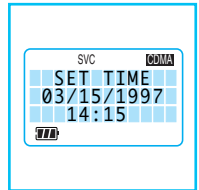
2. Press numeric buttons **3** and **2**.

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.

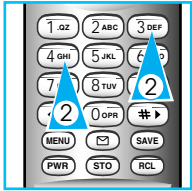


To Check the Last Call or the Cumulative Air Time

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

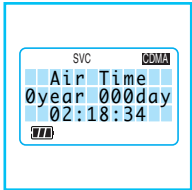


1. Press **MENU**.



2. **To check...** **Press...**
Last call time Numeric button **3** twice
Cumulative air time Numeric buttons **3** and **4**.

Result: The last call or the cumulative air time is displayed in year/day/hour/ minute/second.



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

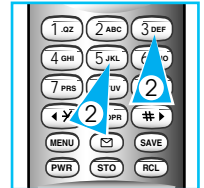
To Erase the Cumulative Air Time

1. Press **MENU**.

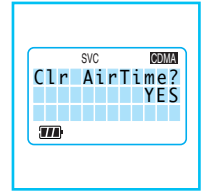


2. Press numeric buttons **3** and **5**.

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.



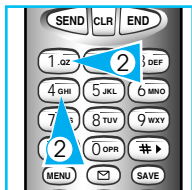
Call Reservation Alert

This feature allows you to place a call at a specified time. The phone will beep and the phone number will be displayed.

To Turn On the Feature




1. Press **MENU**.



2. Press numeric buttons **4** and **1**.

Result: The LCD display prompts you to enter a phone number.

- ▶ If this feature is already set up, the Rsvd Call, , reservation time and phone number are displayed. If you wish to reset, press **STO**.



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



4. Press **STO**.

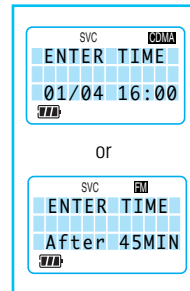
5. Enter the time you want to place the call.

Result:

- ◆ If the current time is already set, you can specify the time. Enter the hour and minute. You can skip to 'Minute' or back to 'Hour' entry mode by using **▲** or **▼**.
- ◆ If the current time is not set, enter the time duration in minutes your phone has to wait.
- ▶ If you entered wrong number, move the cursor to the desired digit by pressing **◀** or **▶**, then correct the number.

6. Press **STO**.

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



- ▶ If you turn the phone off, then on when this reservation alert is set:

If the time is appointed...

At the current time mode

Using time duration
(in minute) mode

Call reservation setup...

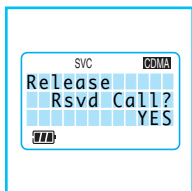
Remains to be on.

Cancels.

To Turn Off the Feature



1. Press **MENU**.



2. Press numeric buttons **4** and **2**.



3. Press **STO**.

- ➔ If the power is turned off while the call reservation alert is turned on:
 - If the current time is set, the call reservation alert feature is still activated. If the reservation time had passed, the phone beeps and the phone number is displayed.
 - If the current time is not set, the call reservation alert feature is automatically turned off. Though ⌚ is displayed, the alert is not made. Turn on the call reservation alert feature again.

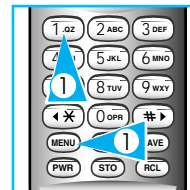
Automatic Feature Setup

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

To Change the Status of Automatic Feature

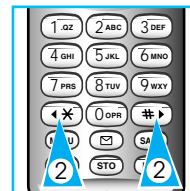
- Press:
 - ◆ **MENU**
followed by
 - ◆ Numeric button **1**

Result: The features you can choose are displayed.



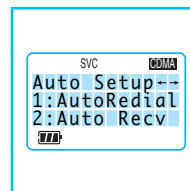
- Press ◀ or ▶ until you find the feature you wish to change.

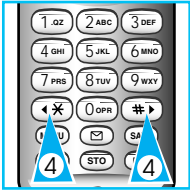
Result: The phone shows a function number you have to press to choose the feature.



- Press the function number of the feature.

- ➔ The function numbers are as follows:
 - 1: Auto Redial
 - 2: Auto Receiving
 - 3: Tone Length
 - 4: Back Light
 - 5: Call Time Display
 - 6: Present Time Display
 - 0: Send PIN





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 or VIBRATOR (option) 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 phone 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 ON**, or **Always OFF**. In **Automatic** mode, the light goes off automatically 8 seconds after the last button is pressed. 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.

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 **MENU** and numeric button **1** while you are over the phone. To turn off the feature, press **MENU** 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.

Send PIN: You can choose **Never** or **Prompt** after you enter the lock code.

▶ PIN (Personal Identification Number): Your service provider may require you to enter PIN to place a call. Consult it with your service provider.

Changing Greeting Message

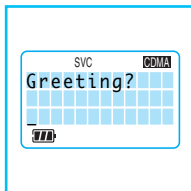
This feature allows you to change the greeting message displayed when you turn on the phone.



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



2. Enter the lock code.
 - ▶ The lock code is preset to 0000 at the factory.



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



4. Enter new greeting message with the number button marked with the desired letter.
 - ▶ 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:** Your phone is preset to restrict special phone numbers having 2 digits or less. If you want to use the phone numbers less than 2 digits, turn this feature off. Otherwise, **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:
 - ◆ **MENU** followed by
 - ◆ Numeric button **0**

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



2. Enter the lock code.

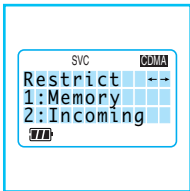
Result: If the correct lock code is entered, the Setup menu is displayed.

- ▶ The lock code is preset to 0000 at factory.
- ▶ For further details on the lock code, see 'Changing Lock Code' on page 61.



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

Result: The restriction modes you can choose are displayed.



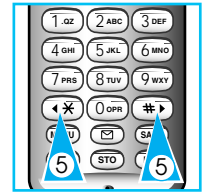
4. **To restrict...**

Memory dial	Press... 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:
 - ◆ **MENU** followed by
 - ◆ Numeric button **0**



2. Enter the current lock code.

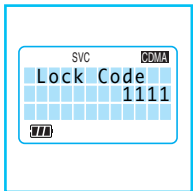
Result: An asterisk (✱) is displayed for each digit entered.



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:
 - ◆ **MENU** followed by
 - ◆ Numeric button **0**



2. Enter the lock code.

▶ The lock code is preset to 0000 at the factory.

3. Press numeric button **2** to choose 'Auto Lock' function.



4. Press ◀ or ▶ :

To...

Turn on the feature

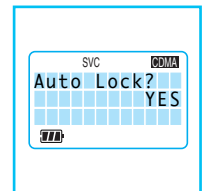
Turn off the feature

Choose...

YES

NO

5. 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:
 - ◆ **MENU**
 - followed by
 - ◆ Numeric button **0**



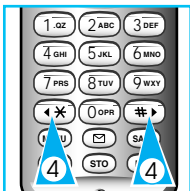
2. Enter the lock code.

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:
 - ◆ **MENU**
 - 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.



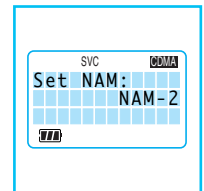
3. Press numeric button **9** to choose 'Set NAM' function.

Result: The NAM currently used is displayed.



4. Press ◀ or ▶ to choose the desired NAM mode.

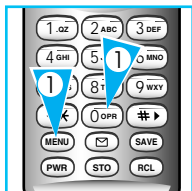
➡ Maximum of 4 NAM selections are available.



5. Press **STO**.

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.

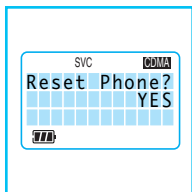


1. Press:
 - ◆ **MENU** followed by
 - ◆ Numeric button **0**



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 'Reset Phone' function.

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



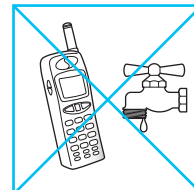
4. Press **STO**.

Result: The message **WAIT TO RESET PHONE** is displayed and all functions are converted to the default status.

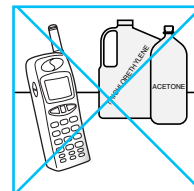
Cleaning Your Cellular Phone

There are no specific cleaning requirements for your cellular phone.

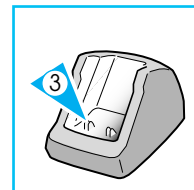
1. Use a damp cloth to clean your cellular phone. Do not allow water to get into the phone, particularly the battery.



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

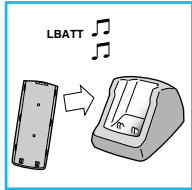


3. If the battery or charger terminals become stained or rusty, clean them with a soft cloth.

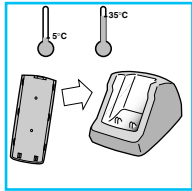


Battery Safety Precautions

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

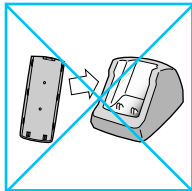


To maximize the charging capacity, avoid repetitive partial discharging and charging. Wait until you hear the battery low alarm before you charge the battery.

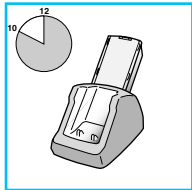


DO NOT use or charge the batteries in extreme temperature conditions:

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



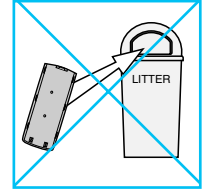
DO NOT use any charging devices other than the ones supplied with your cellular phone.



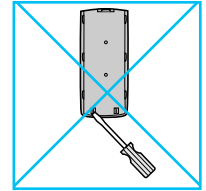
DO NOT charge a battery for more than 24 hours continuously.

Reason: The service life of the battery may be reduced.

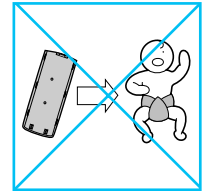
Any replacement battery pack must be of the same manufacturer and type. Used batteries should not be disposed of in a fire or waste bin. Dispose of them in accordance with local legislation.



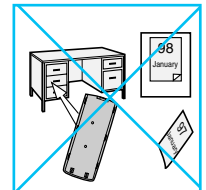
DO NOT disassemble the battery packs. There are no user-serviceable parts inside it. DO NOT drop the batteries or subject them to physical shocks.



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.



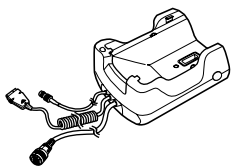
Accessories

Hands-free Kit

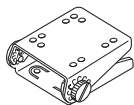
The hands-free kit provides you hands-free operation in your vehicle with unlimited talk time.

The hands-free kit built in charger allows battery charging in your vehicle.

The hands-free kit includes the following. For more information about hands-free kit, see hands-free kit manual.



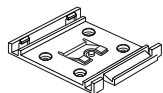
Cradle



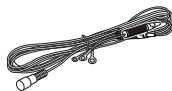
Mounting bracket
(for cradle)
※ screws included



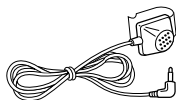
Hands-free box



Mounting bracket
(for hands-free box)
※ screws included



Power cable



Hands-free
microphone



Whip antenna and
protection cover

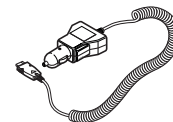


On-glass antenna

▶ You can choose between whip antenna and on-glass antenna.

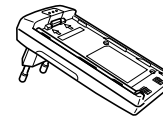
Cigarette Lighter Charger

Allows you to charge your batteries in your vehicle.



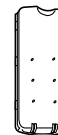
Travel Charger

For those who needs a simple and handy charger.



Battery

SCH-100SBAT : Standard 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 system mode
- ◆ 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.

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.

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 33).
- ◆ 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.

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. (00-89) 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! 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 (<i>press and hold</i>)
Making a call	Phone number + SEND
Receiving a call	Any button (<i>except for PWR</i>)
Adjusting volume	
• Keytone	(<i>in standby mode</i>) ▼/▲
• Speaker	(<i>while over the phone</i>) ▼/▲
• Ringer	MENU + 5 + ▼/▲ (<i>on the side</i>) or ◀/▶
Mute	(<i>while over the phone</i>) MENU + 2
Choosing alert type	MENU + 2 + 1 + ◀/▶ + STO
Choosing ringer type	MENU + 2 + 2 + ◀/▶ + STO
Last 10 number dialed	
• Scanning and dial	RCL + RCL + ◀/▶ + SEND
• Erasing all numbers in redial memory	MENU + 0 + lock code + 8 + ◀/▶ + STO

MEMORY DIALING

Recalling empty location	RCL + ◀
Recalling empty location under a specified group	RCL + 0-9 + ◀
Storing numbers into	
• Specific memory location	Phone number + STO + location (00-99) + name + STO
• Any empty location	Phone number + STO + ◀ + name + STO
• Specific numeric group	Phone number + STO + 0-9 + ◀ + name + STO

Calling numbers by

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

Scanning memories by

- Location number **RCL + location (00-99) + ◀/▶**
- Name **MENU + 7 + name + RCL + ◀/▶**
- Partial phone number The first part of phone number as long as you know + **RCL + ◀/▶**

Erasing a specific memory location **CLR (hold) + STO + location (00-99) + STO**

Erasing All Numbers in Memory **MENU + 0 + lock code + 7 + ◀/▶ + STO**

USEFUL FEATURES

Turning off keytone (*while over the phone*) **MENU + 3**

Sending own number (*while over the phone*) **MENU + 9**

Own number display **RCL + ▶**

Changing to analog or digital mode **MENU + 6 + ◀/▶ + STO**

Key lock **SAVE (hold)**

DTMF Dialing

- Using memory dial (*while over the phone*) **RCL + location (00-99)+MENU + SEND**
- Using pause insert Phone number + **STO + ▶ + Phone number + SEND + SEND**

Checking world time **MENU + 3 + 1 + city number**

Setting current time **MENU + 3 + 2 + time + STO**

Checking last call time **MENU + 3 + 3**

Cumulative call time

- Checking **MENU + 3 + 4**
- Erasing **MENU + 3 + 5 + ◀/▶ + STO**

Call reservation alert

- Turn on **MENU + 4 + 1 + Phone number + STO + time + STO**
- Turn off **MENU + 4 + 2 + STO**

ADVANCED FEATURES SETUP

Automatic redial **MENU + 1 + 1 + ◀/▶ + STO**

Automatic receive **MENU + 1 + 2 + ◀/▶ + STO**

Tone length **MENU + 1 + 3 + ◀/▶ + STO**

LCD Back light **MENU + 1 + 4 + ◀/▶ + STO**

Call time display **MENU + 1 + 5 + ◀/▶ + STO**
or
(*while over the phone*) **MENU + 1**

Current time display **MENU + 1 + 6 + ◀/▶ + STO**

Send PIN **MENU + 1 + 0 + lock code + ◀/▶ + STO**

Changing greeting message **MENU + 0 + lock code + 1 + new greeting + STO**

Restrict phone use

- No memory dial **MENU + 0 + lock code + 4 + 1 + ◀/▶ + STO**
- No incoming call **MENU + 0 + lock code + 4 + 2 + ◀/▶ + STO**

• No international call	MENU + 0 + lock code + 4 + 3 + ◀/▶ + STO
• No special call	MENU + 0 + lock code + 4 + 4 + ◀/▶ + STO
Changing lock code	MENU + 0 + old lock code + 3 + new code + STO
Automatic lock	MENU + 0 + lock code + 2 + ◀/▶ + STO
One-minute beep during conversation	MENU + 0 + lock code + 5 + ◀/▶ + STO
Service area change alert	MENU + 0 + lock code + 6 + ◀/▶ + STO
Choosing NAM	MENU + 0 + lock code + 9 + ◀/▶ + STO
System reset	MENU + 0 + lock code + 0 + STO

Summary

BASIC OPERATION

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

MEMORY DIALING

STORING NUMBERS INTO

• Specific memory location	Phone number + STO + location (00-99) + name + STO
• Any empty location	Phone number + STO + ◀ location + name + STO
• Specific numeric group	Phone number + STO + 0-9 + ◀ + name + STO

CALLING NUMBERS BY

• One-touch	0-9 (<i>hold the last digit of the hot line memory 00-09</i>)
• Two-touch	10-99 (<i>press shortly the first digit and hold the last digit</i>)




SCANNING MEMORIES BY

• Location number	RCL + location (00-99) + ◀/▶
• Name	MENU + 7 + name + RCL + ◀/▶
Erasing a specific memory location	CLR (hold) + STO + location (00-99) + STO

USEFUL FEATURES

Sending own number	(<i>while over the phone</i>) MENU + 9
Own number display	RCL + ▶
Changing to analog or digital mode	MENU + 6 + ◀/▶ + STO
Checking world time	MENU + 3 1 + city number
Setting current time	MENU + 3 2 + time + STO
Checking last call time	MENU + 3 3
Cumulative call time	
• Checking	MENU + 3 4
• Erasing	MENU + 3 5 + ◀/▶ + STO
Call reservation alert	
• Turn on	MENU + 4 1 + Phone number + STO + time + STO
• Turn off	MENU + 4 2 + STO
DTMF DIALING	
• Using memory dial	(<i>while over the phone</i>) RCL + location (00-99) + MENU + SEND
• Using pause insert	Phone number + STO + ▶ + Phone number + SEND + SEND

MESSAGE RECEIVING (Option)

Turning on/off	 + 0 1 + ◀/▶ + STO
Checking messages	 + 1 + ◀/▶ + END
Checking voice mails	 + 2 + ◀/▶ + END
Automatic redial	MENU + 1 1 + ◀/▶ + STO
Automatic receive	MENU + 1 2 + ◀/▶ + STO
LCD Back light	MENU + 1 4 + ◀/▶ + STO
Call time display	MENU + 1 5 + ◀/▶ + STO
or	
(<i>while over the phone</i>)	MENU + 1
Current time display	MENU + 1 6 + ◀/▶ + STO
Changing lock code	MENU + 0 + old lock code + 3 + new code + STO