SKY

SK-3000
User Manual

SK Teletech

FCC RF EXPOSURE INFORMATION

WARNING! Read this information before using your phone

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations.

Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

Body-worn Operation

This device was tested for typical body-worn operations with the back of the phone kept 1.6 cm. from the body. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that maintain a 1.6 cm. separation distance between the user's body and the back of the phone, including the antenna, whether extended or retracted. The use of third-party belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

For more information about RF exposure, please visit the FCC website at www.fcc.gov

Advanced features of SK-3000

Vivid chord melody : Performance of orchestra in my mobile phone !
The phone is equipped with loud speaker and high quality melody IC, providing about 100 vivid chord music in various fields, instead of existing monotone melody.

You do not have to open the folder! Dual folder: Dual folders lead you to the world!
The Sky enables you to identify time, remaining battery, etiquette, auto answering, and called number in a blue window without opening the folder.

n.TOP/GVM : Enjoy a wide range of games and A/V dynamically!
With just one touch, you can not only get the unique n.TOP information service of 011 but also download various multimedia contents such as game, A/V, etc. to your handset and repeatedly enjoy the service at anytime and anywhere.

IrDA communication : Data communication between PC and mobile phone and between mobile phones.
With the IrDA communication feature provided first time in Korea, SK-3000 supports easy and free wireless data communication between PC and mobile phone and between mobile phones.

Large 4 Gray graphic LCD : The phone is equipped with the largest LCD screen among the existing flip type mobile phones, supporting delicate figure displayed in 4 tones and enabling everybody to enjoy easy and high speed SKY navigation.

Game : SKY is a portable game machine.
You can enjoy various games including Freedom Fighter, Beetle Rally, Apache Commando and Mars Scouter.

Other features : Smart Battery, Auto answering / Recorder, 99 memory location numbers, Stopwatch, Number plus, 9 lock functions, Electronic pocketbook (Calculator, Calendar, Alarm, Memo and SKY TODAY), Various animations, My melody, Etiquette mode, Music bell and Earphone Mic.

The contents of this user's manual are subject to change without prior notice for enhancement of product performance.

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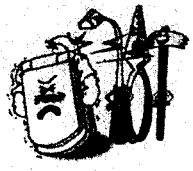
Precautions

Read these precautions carefully to use this unit with full performance.

- Fully charge the battery before you use the unit for the first time or when the mobile phone has been left unused for a long time.

- The unit may not be repaired when flooded. Avoid hot and damp area.



- Note that the unit disassembled or remodeled by other than qualified service personnel cannot be covered by warranty.

- Avoid severe impact and keep the unit in a safe place.

- Since the unit in your hip pocket may be out of order due to excessive forces, make sure not to cause damages to your unit.

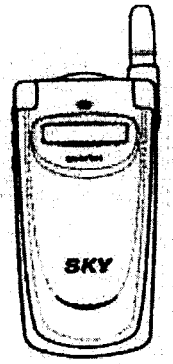
- Do not grip or touch the antenna during the call to keep the clean voice quality.

- Clean the unit with soft clothes or towel and do not use chemicals (thinner or solvent).

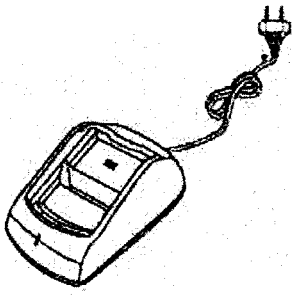
- Since this unit is sensitive to electric wave, any antenna or accessories that is not approved by SK Teletech may deteriorate the performance. Also keep the unit away from steel desk, computer or microwave oven.

Note
- *Keep the ringer volume low not to disturb others.*
- *If you use or keep the cellular phone in extremely cold or hot areas, the unit performance may be deteriorated and lifespan shortened.*

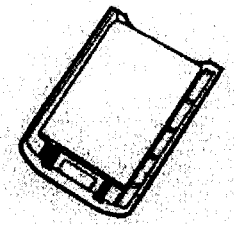
Package Contents



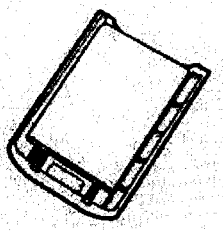
Handset



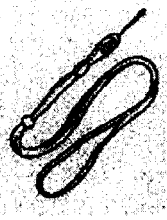
Desktop/Travel charger



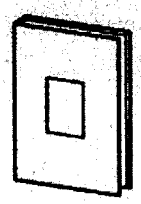
Slim Battery



Standard Battery



necklace



User Manual
(Including Warranty)

Part Name

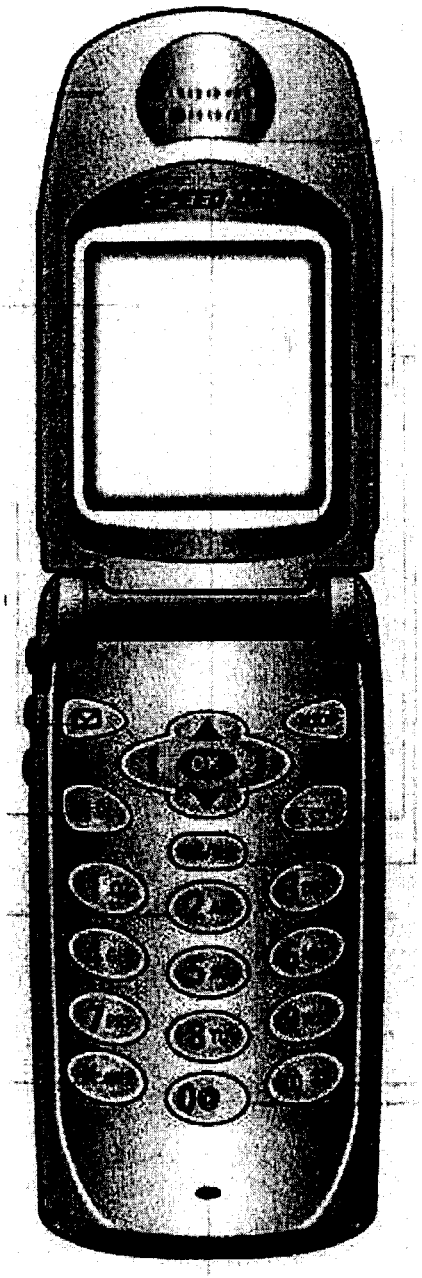
Folder:
Open the folder when answer call, close the folder when ends a call.

Inner LCD screen :
Displaying the mobile phone status.

Message function key :
Press the key when using voice/character messages.

Send key :
Press the key to make a call or to redial the last number called.

Etiquette mode Key :
Press and hold the key during the standby mode to activate vibration and silent keypad, during a call to activate silent keypad and whisper mode.



Mic

Earpiece

Multi-function Key :
Select various functions with five multi-function keys.

n. TOP key :
Press the key to use n. TOP service.

Delete Key :
Press the key to delete the letter entered or to cancel a function.

End Key :
Switches the phone on/off, ends a call, and backs out to main menu.

Numeric keys

Lock Key :
Press and hold the key to activate lock. (Enter password to release the lock.)

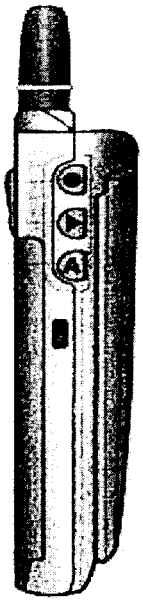
■ Part Function

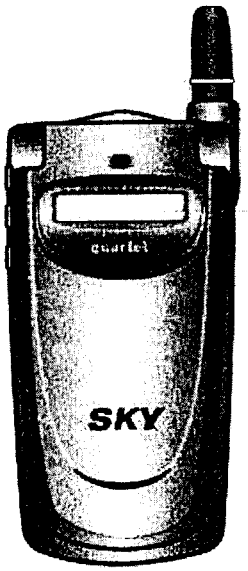
Antenna :
Extend the antenna where the signal is weak.

Record Key :
Press the key to start/finish recording (Also used as Back in n. TOP).

Play Key :
Press and hold the key to start/finish playing the record.

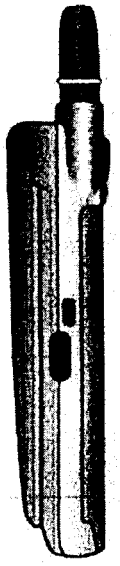
Auto Answering Key :
Press and hold the key to activate/deactivate auto answering. (Press the key to make a call the stored number when 1-Touch Dial is set.)





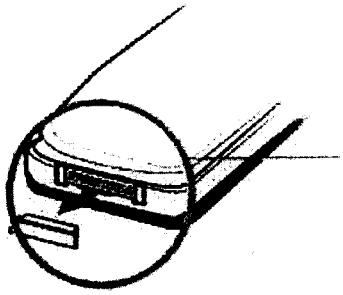
External LCD Screen

Earphone Mic Jack :
Connecting earphone mic.



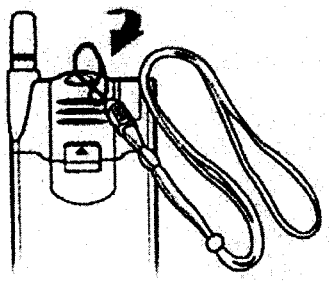
IrDA Communication Port :
Used for IrDA

Battery

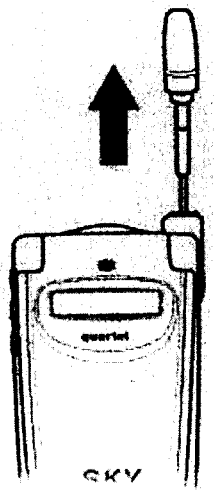


In-car Connector :
Connecting hands free car kit adapter and data manager cable.

** Always put rubber plug in this part to prevent contact from metal which causes power off. When power is off, remove/insert battery and switch the power on again.*



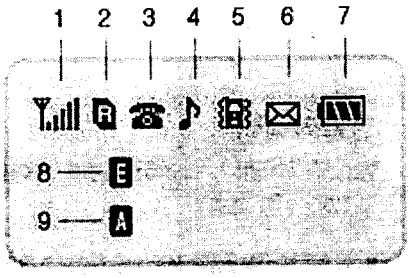
Insert cellular phone necklace :
Pass the cellular phone necklace through the hole near the antenna from the bottom and insert it to the ring at the other end.



Antenna :
Extend the antenna vertically for best call quality.

Display Indicators

<Inner LCD screen >



1. Signal strength of the service area

Indicators							
Signal strength level	Good			Poor			Out of service area

2. Roaming appears when the user is outside the Home service area.
3. Standby mode.
   Connecting appears when you make a call or during a call.
4. Ringer mode
5. Vibration / Etiquette mode
6. message service appears when text or voice messages have been received.

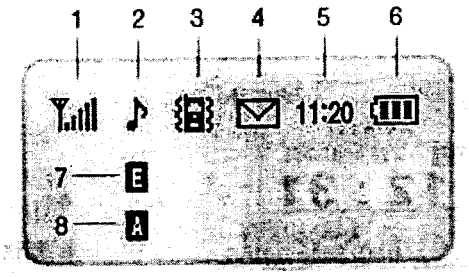
Indicator	Description
	Icon will flick when new voice/character message arrives and flicking will stop after checking the message.

7. Balance of battery power

Indicators				
Available battery power	High	Medium	Low	Needs charging

8. Display in number 4 position when etiquette mode is set.
9. Display in number 4 position when auto-response function is set.
   (Now, and are be displayed in number 5 position.)

<External LCD>



1. Signal strength of the service area
2. Ringer mode
3. Vibration / Etiquette mode
4. Display when voice/character message is received (disappear when checked.)
5. 11:20 display the current time
6. Balance of battery power
7. Display in number 2 position when etiquette mode is set.
8. Display in number 2 position when auto-response mode is set.
   (Now, and are displayed in number 3 position.)

Multi-function Keys

Select the left item on lower on LCD.

Select the up/down items on lower on LCD.

Select OK.

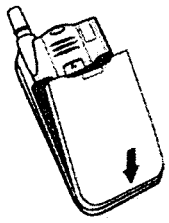
Select the right item on lower on LCD.

Using the Battery

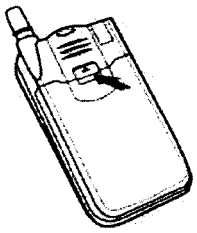
Cautions

- Use only approved charger and batteries.
  An imitation product may damage or explode the battery.
- Keep the charger and battery clean
  Dust or dirt on the metal part of the connector terminal may obstruct battery charging.
- Do not disassemble the battery and charger, and keep them away from fire
  Battery may explode.
- Do not drop the battery or give a severe shock.
  This may cause battery fault or short battery life.
- Keep the battery in room temperature (5 - 35° C).
  The battery in too cold or too hot place causes reduced battery capacity and life. Remove the battery from the phone when left unused for a long time.
- Replace the old battery with a new one when battery life has reduced by half.
  As a consuming item, repeated charging/discharging may reduce the battery life.
- Dispose the used batteries separately.
  Recyclable metal is used for the battery.

Inserting the battery

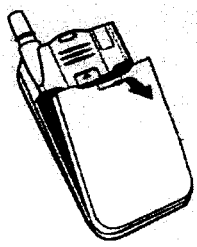


The tabs of the battery should line up with the groove of the phone.



Push the battery until you hear "click".

Removing the battery



Push the button upward and pull the battery out.

** Switch off the phone before you remove the battery.*

Battery life

Mode \ Type of battery	Slim battery	Standard battery
Call	About 125 minutes	About 178 minutes
Standby	About 60 - 200 hours*	About 82 - 250 hours*

* Maximum value measured in the SK Teletech's laboratory (in slot mode 2).

** When you are on the move by car or on foot, your mobile phone sends/receives signals with the base stations adjacent to maintain the optimum call status. More power consumes when you are on the move. Battery life can be reduced by 20-30% than is described in the manual.*

Low battery alarm

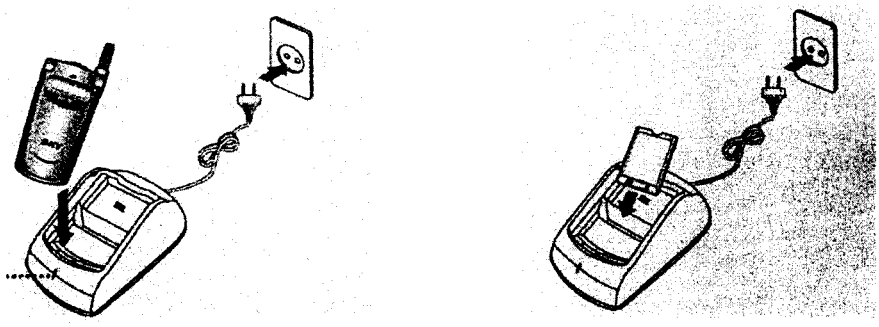
appears with alarm when battery requires charging. The phone would be switched off with alarm if you fail to charge the battery.

Charging the battery

Connect the power plug of battery charger to the outlet (110V or 220V)

How to use desktop / travel charger

Battery charging lamp



- To charge the battery with handset or to charge the battery only
  (The charging front lamp turns red color)
- The lamp turns into green color when charging is completed.
- Push the battery into the charger fitting in correctly to the guide hop.

** Lamp blinks when you insert the battery to the charger incorrectly. Pull out the battery and insert it to the charger again.*

** Dust or dirt on the connecting terminal of the battery charger may cause malfunction. Keep the battery charger out of reach of the children.*

Minimum battery charging time

Type of battery	Slim battery	Standard battery
Minimum battery charging time	About 140 minutes	About 180 minutes

** Fully charge the battery. Battery is not charged when you purchase the product.*

** Charging in too cold or too hot place may take longer charging time.*

** When you charge the battery with the handset on, the battery may not be fully charged even though the charging completion lamp (green color) is on.*

Basic Operation

Switching the phone on

1. Press and hold the (SEND) key.
   * *After the SKY logo, all the display indicators appear for a while, then the start screen displays phone number.*
   * *(In case of selecting an initial stand-by screen to [View only time]) The number of recording displays the number of recordings of recording while engaged, auto-response recordings and voice mail recordings. ////// displays the remaining recording capacity.*
   * *When vibration or Etiquette mode is selected, the vibration indicator (▣) is displayed and the phone vibrates.*
   * *The start screen varies by the setting.*

Switching the phone off

1. Press and hold the (END) key.
   * *Animation is displayed for about 7 seconds before power is off.*

Making a call

1. Press local area code and phone number, then press (SEND).
   * *If you make a mistake while entering a phone number, just press (CLR) to erase the last digit.*
2. Start talking with the other side.
   * *To adjust the volume during a call, press (UP/DOWN) .*
3. To finish the call, close the folder or press (END).
   * *Press (LEFT)[HotMenu] during the call to use hot menu.*
   * *To make the call in the Phonebook, see Personal Information Manager (PIM) Phonebook.*
   * *Set automatic local area code of the features to make a call by dialing a phone number without local area code.*

Redialing calls

You can redial the last number called without dialing the digits.

▷ **Last number redialing** - You can call the last number called.

1. Press (SEND).
   * *If call list lock is selected, you cannot call the last called number.*

▷ **Search call history(list) and redial** - up to 40 recently called/answered numbers are displayed.

1. Press (SEND).
2. Press (UP/DOWN) to find the required number.
   * *Press (OK) to save the number or press (LEFT) to erase.*
3. Press (SEND).

Answer calls

1. Open the folder when the phone rings or vibrates.
   *Press any key if the folder has already opened.
2. Close the folder or press (END) to finish the call.
   Call time blinks on the screen before it returns to standby mode.
   If answer options with hands free or earphone is set as on and the phone is connected to them, the phone automatically answers after a set number of rings.
   In auto answering mode, the incoming call is answered automatically.

Quick Dial

You can make a call by just pressing one or two digits quick dial address.

▷ **One digit quick dial (Address 1~9)**

1. Press and hold the address.
   ** Or enter the address then Press (SEND).*
2. Call is made to the phone number in the address.

▷ **Two digit quick dial (Address 10~99)**
1. Enter the first digit of the address then enter and hold the second digit.
2. Call is made to the phone number in the address.
   ** Refer to Quick Dial to save a new number or to edit the existing number.*

Adjusting the volume

▷ **Adjusting the earpiece volume**-You can adjust call volume in 5 steps during the call and during the standby mode.

<During the call>
Adjust the earpiece volume using (UP/DOWN) keys during the call.

<In Standby mode>
1. Press (LEFT)[Menu] then press (6)[Set Vol/Alert]
2. Press (1)[Earpiece Vol] and adjust the volume using (UP/DOWN) keys, then press (선택).

▷ **Adjusting the ringer volume** - You can adjust the ringer volume from 0 to 5.
1. Press (LEFT)[Menu], then press (1) [Set Call Alert].
2. Press (3) [Ringer Volume].
3. Adjust the ringer volume with (UP/DOWN) keys, then press (OK) or Press (RIGHT) to cancel the adjustment.
   ** In hands free car kit mode, ringer volume of the speaker is adjusted.*

▷ **Adjusting keypad volume** - You can adjust the keypad volume from 0 to 5.
1. Press (LEFT)[Menu], then press (6) [Set Vol/Alert]
2. Press (2) [keypad vol].
3. Adjust keypad volume with (UP/DOWN) keys, then press (OK) or Press (RIGHT) to cancel the adjustment.
   ** A user can adjust (4)[game volume] using the same method of adjusting key tone volume.*

Etiquette mode
In Etiquette mode, which is useful in public place such as auditorium, you can activate vibration alert, silent keypad or whisper mode by just pressing a single key.

▷ **Enabling Etiquette mode at standby mode**
1. Enter and hold (*) key open the folder.
   ** Etiquette mode indicator is displayed on the screen, and vibration alert and silent keypad mode are activated.*
   ** Once selected, Etiquette mode is maintained even when power OFF->ON unless you release the mode by* pressing (*) again.
2. Enter and hold (*) to release the Etiquette mode.
   ** Etiquette mode indicator disappears from the screen and the phone returns to the previous status.*
   ** In case the alert mode has been set to vibration, ( ) is maintained.*
   ** You can use the following two features of the Etiquette mode at standby mode by entering a single key.*
   Vibration alert: Incoming call alert changes to vibration only.
   Silent keypad: Key entering tone becomes silent.

▷ **Enabling Etiquette mode during the call**
1. Enter and hold (*) key.
   ** (whisper) blinks on the screen, and silent keypad and whisper mode are activated.*

2. Enter and hold (*) key again.
   ** (whisper) disappears from the screen, and the phone returns to the previous status.*
   ** You can use the following two features of the Etiquette mode during the call by pressing a single key.*
   -Silent keypad: Key entering tone becomes silent.
   -Whisper mode: Mic volume is automatically increased when you whisper in a silent place.

Hot menu

The most frequently used functions during the call are collected in hot menu so that user can activate the functions with multi-function keys.

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▷**Send my phone number** – In case user should enter his/her number during the call such as paging or ARS call, you can easily enter the number with multi-function keys without pressing the entire number.

1. Press (left) [Hot menu] during the call.
2. Press (1) [Send ph#.] LCD shows that your number is being transmitted, and then returns to call status screen.

▷**Mute**– You can prevent your voice from being transmitted to the other side.

1. Press (LEFT) [Hot menu] during the call.
2. Press (2) [Mute]. You can release the Mute function by pressing (LEFT) [Release]. Then the Mute function is released, and LCD displays call status screen.

▷**Call transfer service**– You can connect the received call to the 3rd party, and release your own call.

1. Press (LEFT) [Hot menu] during the call.
2. Press (3) [Call transfer] and then enter the number to which the call is to be transferred.
3. Press (OK), and then Call transfer service access number *78 is automatically displayed before the phone number while the call is connected to the number.
4. Check the dial tone and press (End) when the called user answers the phone.
   ** *78 is automatically displayed in front of the phone number.*
   ** You can use Call transfer service by entering *78 and the number to which the call is to be transferred.*
   ** You have to subscribe to the value added service to use the function.*

▷**Call hold service**– You can hold the call which you are engaged with, make a call to the third party, and then go back to the call you have hold.

1. Press (LEFT) [Hot menu] during the call.
2. Press (4) [Call hold service] and then enter the number to call.
3. Press (OK). Call transfer service access number *77 is automatically displayed before the phone number while the call is connected to the number.
4. Press (End) after the call to return to the call you have hold.
   ** You can use Call hold function by pressing *77 and the phone number to which you make a call.*
   ** You have to subscribe to the value added service to use the function.*

Search Call history(list)

You can check the missed/called/answered number.

When receiving

1. Press (DOWN) [Call history] and press (UP/DOWN) to search the phone number.
2. Press (OK).
3. Press (SEND) to make a call to the number found.
   ** (SMS) is displayed when text message is received.*
   (Missed) is displayed when you missed an incoming call.
   (Receiving time) Displays the received time.
   (Receiving while engaged) Displays the received time while engaged.
   ** 20 numbers are displayed.*
   ** When subscribing calling line identification presentation service, it displays on LCD screen the phone number of the caller.*

** Following message is displayed on the screen when you missed an incoming call. Open and close the folder, or Enter any key to remove the message. Call list lock protects you from making a call to the latest number.*

** When subscribing calling line identification presentation service, the phone number of the third party will be appeared on the LCD screen for a short period if the third party makes a phone call while engaged with other person.*

Pressing (SEND) key at that moment connects the third party and pressing (SEND) key again connects the previous party.

**The received phone number of the third party is stored as [receive while engaged] in the received history.*

When calling

1. Press (UP) [Call history] and press (UP/DOWN) to search the phone number.
2. Press (OK).
3. Press (SEND) to make a call to the number found.
   ** 20 numbers are displayed.*
   ** (Calling time) Displays the time when the call is made.*

Getting your own number

You can check your own phone number.

1. Press (RIGHT) [PhoneBook].
2. Press (#) to get your own phone number.
   ** Display your own number during the call and press (SEND) to transmit your number.*

Timers

You can check various call timers.

▷ Voice Call Time

<Last call time>

1. Press (LEFT) [Menu], then press (5) [Call Timer], (1) [Voice Call Time], and then press (1) [Last call time] to check the last call time.

<Total call time>

1. Press (LEFT) [Menu], then press (5) [Call Timer], (1) [Voice Call Time], and (2) [Total Call] to check the time you have called from the latest reset till now. To reset the timer, press (LEFT) Reset, then press (OK, RIGHT) Yes/No.

<Lifetime Call>

1. Press (LEFT) [Menu], then press (5) [Call Timer], (1) [Voice Call Time], and (3) [Lifetime Call] to check the All timer of the calls you have made since you bought the phone. (The record is cleared when you initialize the system)
   ** Voice call time – means the time when the call is made.*
   ** Voice receive time – means the time when the call is received.*
   ** Data send time – means the time when the call is made for using the wireless data service.*
   ** Data receive time – means the time when the call is received for using the wireless data service.*

▷ n. TOP Time

You can check n.TOP using time with the same method described above.

PIM Phonebook

Adding an entry

Enter text message, name, group name, and alarm memo etc.

Ex) To enter "I love you!!"

1. Press (SMS), then press (2) [Send Msg] and (0) [New message] to enter into text edit mode.
2. Press (4) three times to enter "I" , then press (#) to move the curser forward.
3. Press (UP/DOWN) keys to change into small letter entry window, then press (5) three times to enter "l".
4. Press (6) three times to enter "o", press (8) three times to enter "v", and (3) twice to enter "e".
5. Press (#) to move the curser forward and press (9) three times to enter "y", (6) three times to enter "o", and (8) twice to enter "u".
6. Press (LEFT) to search and enter "!!".
   * *There are 8 symbol entry windows. To enter figures, Enter the numeric key four times at English entry window, or enter and hold the numeric key.*
   * *You can enter 80 English letters for text message, 16 letters for name, 16 letters for group name, 16 letters for alarm memo, 64 letters for Phonebook memo and 32 letters for e-mail address.*

Electronic dialing using Pause

You can use this function when you have to enter digits by the voice announcement for Automatic Response System (ARS).
i.e.) Telebanking, pager and etc.

1. Press phone number and then press and hold (7). 'P' appears on LCD screen.
2. Press phone number to be dialed electronically. To enter Pause again (several times), enter the number and then press and hold digit key (7) for over one second.
3. Press (SEND). Only the first entered phone number is transmitted. .
4. When the call is connected, press (LEFT) Next for the ARS announcement prompting you to enter number.
   * *Pause is available only when 3 or more digits are entered.*
   * *The numbers "1 2 3" after Pause is dialed electronically.*
   * *You can enter Pause several times. You can transmit the entered numbers in sequence by pressing (LEFT) Next continuously by ARS announcement.*
   * *If you press "T" (Digit key (8)) instead of "P", entered numbers are transmitted at the interval of 5 seconds.*
   * *Up to 32 digits including "P" (or "T") are available to enter for Pause.*

Search by group

You can search the names in the Phonebook in by group.

1. Press (RIGHT) [PhoneBook] and press (1) [Search By Grp]. Group names are appeared in alphabetic order with <All names>.
2. Press (UP/DOWN) Shift to search the group.
3. Select the group and press (UP/DOWN) to search the name.
4. Press (OK) and press (UP/DOWN) to shift to the number required.
5. Press (SEND) to make a call.
   * *To modify the number, press (LEFT) [Edit] at the above step 4.*
   * *You can make a call by entering a figure (1,2,3,4) at the above step 3.*
   * *You can search the secret group with Search By Group only.*
   * *PIM Phonebook main window configuration*
   - *You can enter or edit anniversary, memo, e-mail address as well as phone numbers.*

▷ **Phone number entry/edit** - You can enter or edit a phone number using search function.

1. Search the name required using Search By Grp or other search function in (RIGHT) [PhoneBook] and

press (LEFT) [Edit]. Phonebook edit window for the searched name is displayed on the screen.
2. Press (UP/DOWN) to shift to the item to enter/edit. Enter or edit the phone number, then press (OK).
3. Press (RIGHT) to finish.

▷ **Change names** - Change the name in the phone book.
1. Search the name required using Search By Grp or other search function in (RIGHT) [PhoneBook], then press (LEFT) [Edit]. Press (LEFT) to shift to the name field.
2. Press (OK) Edit. The name is displayed in text edit mode.
3. Use (CLR) and numeric key to enter the new name, then press (OK).

▷ **Change group name** - Change the group name in the Phonebook.
1. Search the name required using Search By Grp or other search function in (RIGHT) [Phonebook], press (LEFT) [Edit], and then press (UP/DOWN) to shift to the group you want to change into.
2. Press (OK) Select and change the group name.

▷ **Delete names** - Delete the name from the Phonebook using search function.
1. Press (RIGHT) [PhoneBook] and select (1) [Search By Grp].
2. Press (UP/DOWN) keys to shift to the group that contains the name to search.
3. Select the group with (OK) key, then press (UP/DOWN) keys to search for the name.
4. Press (LEFT) [Del] key. Press (OK) when the message, "Are you sure you want to delete?", appears.

Search by name
You can search the phone number by entering the name.

1. Press (RIGHT) [PhoneBook] and select (2) [Search By Name]. Text edit mode window is displayed.
2. Enter the name to search. * Entering one or more character will display the corresponding name.
3. Press (OK) twice.
4. Shift to the phone number field using (UP/DOWN) keys. Press (SEND) to call the number.
   ** To search the name in the secret group, you should release the secret group.*
   ** You can make a call by pressing figure (1,2,3,4) at the above step 3.*

Search by phone number
Enter phone number (whole or part) to search the phone number and Phonebook.

1. Press (RIGHT) [PhoneBook] and select (3) [Search By No.].
2. Enter a part or whole phone number to search using numeric keys.
3. Press (OK) to display the name that includes the number. Shift to the required name using (UP/DOWN) keys.
4. Press (OK) and shift to the required phone number field using (UP/DOWN) keys. Then press (SEND) to make a call.
   ** You can make a call by pressing figure (1,2,3,4) at the above step 3.*

Adding an entry
You can store / edit the phone number at the entry window.

▷ **Add a phone number to the new name** - Add a phone number entered at the standby mode to the new name.
1. Enter a phone number and press (OK) to enter into phone number add window.
   ** press (RIGHT) Search. You can search the phone number and Phonebook the same as by phone number.*
2. Select (1) [Add New Name], and enter the name.
3. Press (OK) and select the group using (UP,DOWN) keys, then press (OK) again.
4. Shift to the required number field using (UP, DOWN) and select OK. Phonebook Edit window is displayed. Press (OK) Edit to add a new number to a new field, or press (RIGHT) [Esc].
   ** To add a new group, press (OK) for <Add new group> at step 3. Enter group name and press (OK), then decide whether to have the new name secret by selecting (OK, RIGHT) Yes / No.*

▷ **Add a phone number to the existing name** - Add a phone number entered at the standby mode to the existing name.

1. Enter phone number and press (OK) to enter into phone number add window.
2. Select (2) [Existing name], and using (UP/DOWN) keys, select the group which includes the name to search.
3. Press (OK) to display the names in the group and shift to the name to search using (UP/DOWN) keys.
4. Press (OK) and shift to the required number field using (UP/DOWN) keys.
5. Press (OK) to add number to the existing name.
   * *When the number field already has other number, a message appears, asking you if you want to substitute. Press (OK) to substitute the field with new number and returns to edit window, or select (RIGHT) [No] to go back to step 4.*

Edit PhoneBook

▷ **Add a phone number to the new name** - Add a phone number to a new name using Edit PhoneBook function.

1. Press (RIGHT) [PhoneBook] and press (4) [Edit PhoneBook] menu.
2. Press (1) [Add New Name], and enter new name and press (OK).
3. At the group designation window, shift to the required group using (UP/DOWN) keys.
4. Press (OK) to select a group and shift to the required field using (UP/DOWN) keys.
5. Press (OK) and enter phone number, then press (OK) to store the number.
   * *In addition to the default groups, Company, Family, Work, Friends, Relatives and Unclassified, you can add 20 groups including <Unclassified> using <Add new group>.*
   * *If the name you entered already exists in the Phonebook, a message, "Do you want to add here?" appears. Press (OK) to open the Phonebook with the existing name or press (RIGHT) No to go back to the window of step 2.*

▷ **Phone number add / edit** - You can add a new number to the existing Phonebook or amend the existing phone number.

1. Press (RIGHT) [PhoneBook], and press (4) [Edit PhoneBook] and (2) [Existing Name].
2. Shift to the name using (UP/DOWN) keys.
3. Press (OK) and shift to the field to enter more or to amend using (UP/DOWN) keys.
4. Press (OK) to add / edit, enter phone number, then press (OK) to add the number.
   * *When you enter (OK) to activate edit mode, the existing number is displayed on the screen. You can delete the number by entering (CLR) key and enter new phone number.*

▷ **Amend the name of the existing Phonebook** - You can amend the existing Phonebook name.

1. Press (RIGHT) [PhoneBook], and select (4) [Edit PhoneBook] and (2) [Existing Name].
2. Shift to the group that includes the name to search using (UP/DOWN) keys, and press (OK).
3. When the names of the selected group are listed, shift to the name to search using (UP/DOWN) keys.
4. Press (OK) and shift to the name field using (UP/DOWN) keys.
5. Press (OK) and enter the name to amend, then press (OK) again.
   * *If you do not enter the name and press (OK), it is saved as anonymous.*

▷ **Amend the existing Phonebook group** - You can amend the existing Phonebook group.

1. Press (RIGHT) [PhoneBook], and select (4) Phonebook edit and (2) Existing Phonebook edit.
2. Shift to the group that includes the name to search using (DOWN/UP) keys and press (OK).
3. Shift to the group field using (UP, DOWN) keys.
4. Press (OK) and shift to the group to amend using (UP/DOWN) keys, and then press (OK).

▷ **Delete the existing Phonebook** - You can delete the existing Phonebook of the selected name.

1. Press (RIGHT) [PhoneBook], and select (4) [Edit PhoneBook] and (2) [Existing Name].
2. Shift to the group that includes the name to search using (DOWN/UP) keys and press (OK).
3. Shift to the name of the group to delete using (UP, DOWN) keys.
4. If you press (LEFT) [Del], the message, "Are you sure you want to delete?", appears. Press (OK) [Yes] to delete the Phonebook of the selected name.

▷ **E-mail address add / edit**

1. Select the name to amend using Edit PhoneBook function, then Phonebook edit window is displayed.
2. Shift to @ using (UP/DOWN) keys.
3. Press (OK) enter e-mail address. Press (CLR) key to delete the existing address, enter new e-mail address, and Enter 0 twice to enter @.
4. Press (OK) to save the new e-mail address.

Anniversary / Phonebook memo

You can add an anniversary, special appointment or brief memo on the selected name.

▷ **Anniversary**

1. Select a name to amend using Edit PhoneBook function, and shift to the anniversary using (UP/DOWN) keys.
2. Press (OK) and shift to the content of anniversary using (UP/DOWN) keys.
3. Press (OK) and enter the anniversary using (RIGHT) edit key, (UP/DOWN) keys and numeric key, then press (OK).
   * *Anniversary is classified into birthday, wedding, and first meeting as default. you may enter / delete a specific anniversary using edit content and delete anniversary.*
   * *You can check or be reminded of the anniversary in Schedule check of SKY TODAY.*

▷ **Phonebook memo** - You can enter memo such as address in the memo field of the Phonebook main window.

Edit Group

You can add, amend or delete groups, or designate melody of each group.

▷ **Add new group** - You can add 16 new groups for phone numbers.

1. Press (RIGHT) [PhoneBook] and select (7) [Edit Group].
2. Select (1) [New Group] and enter the new group name.
3. Enter OK and select (OK, RIGHT) Yes / No to make the group secret or no.
   * *To release secret group, when you amend the group name do not change the name but press (OK) and (RIGHT) No.*
   * *If the number of existing groups reaches the number allowed (20), there appears a message "Memory full! No more group is allowed."*
   * *If the same group name already exists, there appears a message "The same group name exists."*
   * *You should enter a password to retrieve the phone number of the secret group. If you make a call using Phonebook, the number appears in Call history without name. You cannot retrieve the number with Search by name or Search by number.*

▷ **Change group names** - You can change the existing group name to the other.

1. press (RIGHT) [PhoneBook], and select (7) [Edit Group] and (2) [Edit Grp Name].
2. Shift to the group to change using (UP/DOWN) keys, and press (OK).
3. Enter group name using (CLR) key and numeric key, and press (OK).
4. When a message,"Make this group secret?", appears, select (OK/RIGHT) Yes / No.

▷ **Set Group Ring**

1. Press (RIGHT) [PhoneBook], and select (7) [Edit Group] and (3) [Set Group Ring].
2. Shift to the group using (UP/DOWN) keys and press (OK).
3. Shift to a melody using (UP/DOWN) keys and press (OK).
   * *You can designate different melody of the incoming call from each group.*

▷ **Delete group name** - You can delete the existing group name.

1. Press (RIGHT) [PhoneBook], and select (7) [Edit Group] and (4) [Delete Grp Name].
2. Shift to the group to delete using (UP/DOWN) keys, and press (OK).

3. Press (OK) "Yes" to delete the group name.
   * *Delete group name only deletes the name of the group. Phone numbers (names and phone numbers) of the group remain in unclassified group and in the <All names>.*
   * *You should enter a password to delete the secret group name.*

Quick Dial

You can make a call by just pressing one or two digits of quick dial.

▷ **Add new quick dial** - You can add frequently used phone number as quick dial.

1. Press (RIGHT) [PhoneBook] and select (6) [Quick Dial].
2. Shift to a address to add new quick dial using (UP, DOWN) keys and press (OK).
3. Shift to the group that includes the name to designate using (UP, DOWN) keys and press (OK).
4. Shift to the name to designate using (UP, DOWN) keys and press (OK).
5. Shift to the phone number to designate using (UP, DOWN) keys and press (OK).
   * *You cannot make a call with quick dial when Phonebook is locked.*

▷ **Change the existing phone number designation** - You can change the existing phone number designation.

1. Press (RIGHT) [PhoneBook] and select (6) [Quick Dial].
2. Shift to the address to change the designation using (UP, DOWN) keys and press (OK)[chg]
3. Shift to the group that includes the name to change into using (UP, DOWN) keys and press (OK).
4. Shift to the name to designate using (UP, DOWN) keys and press (OK).
5. Shift to the phone number to designate using (UP, DOWN) keys and press (OK).

▷ **Delete the existing phone number designation** - You can delete the memory location number.

1. Press (RIGHT) [PhoneBook] and select (6) [Quick Dial].
2. Shift to the address to delete the phone number designation using (UP, DOWN) keys and press (OK).
3. Press (OK) Delete, and "Are you sure you want to del. Quick dial ?" appears, you can delete the phone number designation by entering (OK).
   * *Even when the memory location number is deleted, the phone number in the Phonebook is not deleted. However, when the phone number is deleted from the Phonebook, the related quick dial is deleted.*

PIM / Entertainment

Calculator

This processes addition, subtraction, multiplication and division.

1. Press (LEFT) [Menu] and select (3) [PIM] and (1) [Calculator].
2. Use the numeric and calculation code keys to calculate. You may use calculation codes many times. The result should not exceed 16 digits.
3. *EX) in case of 9 x 7,* enter figure (9), select (UP) [X], enter figure (7), and then press (OK). The result '63' is obtained.

* Use **(LEFT)[+]** to add, **(UP)[X]** to multiply, **(DOWN) [÷]** to divide, **(RIGHT)[-]** to subtract, **(*)[.]** to enter decimal point, and. **[#](AC)** clears the screen.(ALL CLEAR). **(OK)[=]** to get the answer. and Press **(CLR)** to delete a letter, and press and hold it to delete all.

Calendar

This displays calendar from Jan, 1996 to Dec, 2015.

1. Press (LEFT) [Menu], and select (3) [PIM] and (2) [Calendar].
2. Enter the year and month with numeric keys or (LEFT) [Chg].
3. Press (OK), then the current date blinks. Select the month using (UP/DOWN) keys to display the previous and next month as well as the selected month.
   ** Press (LEFT)[Lunar] when calendar is displayed, then the screen changes to display the lunar month.*

Alarm

You can set alarm at any time.

▷ **Set alarm time**

1. Press (LEFT) [Menu], and select (3) [PIM] and (3) [Alarm].
2. Select (1) [Set Alarm Time] and press (UP/DOWN) to shift to <New alarm>.
   ** You can amend the existing alarm setting.*
3. Press (OK) and shift to the required alarm period.
4. Press (OK) and enter the time for alarm using numeric keys, (UP/DOWN) keys and (OK) to amend.
   EX) to *select monthly alarm,*
5. Press (OK), enter alarm memo, and press (OK).
   ** Alarm period is divided into After 10min, After 20min, After 30min, After 1hour, Specific time, Everyday, Every Week, Every Month.*
   ** Between After 10min and After 1 hour, alarm goes off once at the designated time lapse.*
   ** In case of Designate the time, alarm goes off once at the designated time.*
   ** To release the alarm set, shift to [V] using (UP/DOWN) keys at the alarm amend window (Step 4) and press (OK).*
   **The alarm set is displayed in today's schedule of SKY TODAY. However, Daily alarm is not displayed in SKY TODAY.*

▷ **Set alarm ringer**

1. Press (LEFT) [Menu], and select (3) [PIM], (3) [Alarm] and (2) [Alarm Ringer].
2. Shift to the alarm ringer using (DOWN/UP) keys, and press (OK) to choose the ringer.

▷ **Set alarm volume**

1. Press (LEFT) [Menu], and select (3) [PIM], (3) [Alarm] and (3) [Set Alarm Vol].
2. Adjust the alarm ringer volume using (UP/DOWN) keys, and press (OK).

Stopwatch

You can use stopwatch with your phone.

1. Select (LEFT) [Menu], (3) [PIM], and (4) [Stop watch].
2. Press (OK) to start stopwatch.
3. Press (OK) [Stop] to end the measurement and press (LEFT) Reset to go back to the initial mode.
   ** Press (OK) [Save] to record the interim result, and check the records using (UP/DOWN) keys.*
   ** Press (OK) [Stop] to suspend and press (OK) Continue to measure again.*
   ** Stopwatch is cancelled when a call is incoming.*
   ** Up to 20 consecutive switch records are available.*

▪ World Time

You can know time gap between Korea and 41 cities of other counties.

1. Press (LEFT) [Menu], and select (3) [PIM], and (5) [World Time].
2. Press (UP/DOWN) keys to shift to the required city, and press (OK).
   ** A user sets DST(Daylight Saving Time) period for each different city. After it is set, the time displayed will reflect the summer time.*
   ** 41 city names are appeared in alphabetic order.*
   ** Pressing (UP/DOWN) keys after selecting a city, the present time of city forward of backward the selected city is appeared.*

SKY TODAY

You can check the anniversary or alarm in SKY TODAY.

▷ **Schedule check** - anniversary or alarm is displayed.

1. Press (LEFT) [Menu], and select (3) [PIM], and (5) [SKY TODAY].
2. Press (1) [Schedule Check] to display daily schedule and the dates of other schedules.
3. Press (UP/DOWN) keys to shift to the required date, and press (OK) to display the event of that date.
4. Shift to the required item using (UP/DOWN) keys, and press (OK) to see the detail of that item.

▷ **Set alarm** - You can set alarm for SKY TODAY.

1. Press (LEFT) [Menu], and select (3) [PIM], and (5) [SKY TODAY].
2. Press (2) [Set Alarm], choose AM/PM by pressing (LEFT) [AM/PM], shift to the time using (UP/DOWN) and adjust the time.
3. Press (OK) to set alarm.
   ** Alarm set in SKY TODAY goes off for 60 seconds at the designated time when there is events that day, and the daily schedule is displayed automatically.*
   ** Open the folder or enter any key to stop the alarm and to display daily schedule of SKY TODAY.*

My Memo

You can make / save up to 10 memos at any time and place using my memo.

▷ **Making memo**

1. Press (LEFT) [Menu], and select (3) [PIM] and (7) [My Memo].
2. Press (OK) to text edit mode, enter required memo, and press (OK) to save.

▷ **Check / Edit memo**

1. Press (LEFT) [Menu], and select (3) [PIM] and (7) [My Memo].
2. Shift to the memo to edit using (UP/DOWN) keys, and press (OK).
3. Press (OK) [Edit] to activate entry mode, delete contents with (CLR) key, and enter memo.
   ** To delete memo, press (RIGHT) [Del] at step 2, and press (OK).*
   ** You can make/save up to 10 memos. You should enter password when the memo is locked.*

Game/GVM

The phone provides various games.
- You can enjoy various games in your mobile phone screen.

1. Press (LEFT) [Menu] and select (0) [Game/GVM].
2. Select a game by pressing (UP/DOWN) [Shift] keys and press (OK) OK.

▷ **Game Operation Method**

1. Press ① [New game]
2. Press ② view score to verify the record for each game.
3. Press ③ help to display the operational method for game key.
4. When paused during the game, press ④ continue to continue the previous game.
5. Press (LEFT,RIGHT) to select stage. (The stage is different for each game.)
6. Press (OK)[OK!START] to start the game.
7. Press delete/cancel key to cancel the game previously set.

▷ **Game Manual**

1. Freedom Fighter

- If you destroy a designated number of enemies or meteorites, special UFO appears or an arrow appears indicating the direction of the boss.
- If you fails to destroy the boss before you lose all your last life, your fighter plane crashes.

Acceleration (or (1))

Rotate counter-clockwise (or (4))

Rotate clockwise (or (5))

Deceleration (or (7))

Shoot missile (or (1)(6)(9))

Image	Description	Remarks
	Small meteorite	
	Big meteorite	Once shot, broken to small meteorites.
	UFO	
	UFO beam	The beam is shot from UFO, special UFO and Boss.
	Special UFO	Once shot, turns into Add life.
	Add life	Once shot or hit by your fighter plane, it turns into your life.
	Boss	Boss shoots bullets to four directions.

2. Beetle Rally

- When clashes against other cars or boundary, your car slows down changing its direction.

Acceleration (or (1))

Turn left (or (4))

Turn right (or (5))

Deceleration (or (7))

Instantaneous acceleration (or (6))

3. Apache

- Apache helicopter can bear 5 missiles or the clashes against enemy helicopters. It crashes at the sixth shot or crash.

Move upward (or (1))

Move left (or (4))

Move right (or (5))

Move downward (or (7))

(6) Air-to-air missile
(9) Air-to-surface missile

Character	Description (Points given)	Character	Description (Points given)
	Apache helicopter		Enemy helicopter (5 points)
	Enemy tank (5 points)		Enemy armored vehicle (3 points)
	Ambulance (5 points deducted)		Enemy ground-to-air missile tank (4 points)
	Enemy gas storage		Enemy radar base
	Aviation shed for enemy fighter plane		Enemy command bunker

4. Raccoon dog.

- Physical strength decreases as time goes by. Jump wears out much physical strength.
- Points go up as time goes by. The higher the speed is, the higher points you get.
  And you get one point as the raccoon dog eats a apple.

Move upward(or (1))

Move left(or (4))

Move right(or (6))

Move downward

Jump(or (5))

STG : stage
SCR : point
DSI : Distance to mom raccoon dog
HTL : physical strength (Health Level)

Image	Description	Image	Description
	Apple (+1 point)		Decreased physical strength

5. Mars Scouter

Mars Scouter is in trouble with UFO and obstacles. How can you destroy them?

Jump(or (1))

Move left

Move right

Shoot(or (6))

6. Samtris

Samtris is a miniature Tetris but with more fun.

Rotate (or (OK), (5))

Move left(or (4))

Move right (or (6))

Move downward (or (8)

Block shape	Description	Function
	Skull	Once cleared, it changes into normal block, and is disappeared when it is cleared again.
	Bomb	Removes blocks around.
	Two more	Makes two more blocks at any location.
	Remove below	Removes itself with one below itself.
	Expand the sides	Extended to the ends of both sides.

7. Mole

- You should press the numeric keys to catch the moles.

8. Puzzle

Let us see who can quick adjust the numbers in sequence.

Move upward

Move left

Move right

Move downward

9. n.TOP GVM Game

** Please refer to (p. 38) for the detailed information on n. TOP GVM game.*

** In volume/alarm sound, the game volume can be adjusted. Please refer to (p. 17)*

Convenient Features

011 value added service access

You can access 011 value added service.
** 011 value added service is available for the subscribed users only. Contact SK Telecom customer service center for details.*

▷ **Voice mail** – The service enables you to receive voice mail by connecting to voice mailbox when the phone is off or when you miss the call.

<Voice mail center access> You can retrieve voice mail by accessing Voice mail center.

1. Press (RIGHT) [Book], and enter (5) [011 VAS], (1) [Voice Mail] and then (1) [Access].
   ** You can access Voice mail center by pressing *89 and (SEND).*
   ** Default password for 011 value added service is the last four digits of your own number or the password you designate when purchasing the mobile phone.*

<Voice mail registration/release>
You can register or release Voice mail function.

1. Press (RIGHT) [Book], (5) [011 VAS], (1) [Voice Mail] and then (2) [Regist/Release].
2. Press (1) [Registration] or (2) [Direct Connect] or (3) [Release], and then press (End).
   ** Voice mail is available for subscribed users.*
   ** Direct Connect connects incoming calls directly to Voice mail center without any ring.*
   ** In another way, Press *51 for registration or *50 for direct access or *52 for release, and then press (SEND) to register or release.*

▷ **Missed call forward**– When you failed to answer the call, the call is automatically forwarded to pager or another telephone.

1. Press (RIGHT) [Book], (5) [011 VAS] and (2) [MissedCall FWD].
2. Press (1) [Registration] to register and enter the number to which call is forwarded.
3. Press (OK) [Enter], and after the confirming tone, press (End) to finish the registration .
   ** You can release the service by pressing (2) [Release] at the step 2*
   ** You can use the service by pressing *72+ phone number and (SEND) for registration, or by pressing *73 and (SEND) for release.*

▷ **Call forward**– Incoming call is directly forwarded to general telephone, mobile phone, or pager designated.

1. Press (RIGHT) [Book], (5) [011 VAS] and (3) [Call Forward].
2. Press (1) [Registration] to register and enter the number to which call is forwarded.
3. Press (OK) [Enter], and after the confirming tone, press (End) to finish the registration.
   ** You can release the service by pressing (2) [Release] at the step 2*
   ** You can use the service by pressing *71+ phone number and (SEND) for registration, or by pressing *73 and (SEND) for release.*

▷ **Information service**– This service provides customer selected information including news, weather, stock and fortune telling every hour to the customer.

1. Press (RIGHT) [Book], (5) [011 VAS] and (4) [InformationSVC].
2. After the confirming tone select the services you want to subscribe following the guide of ARS.
   ** You can access the service by pressing 1511 and (SEND).*

▷ **Traffic information** – Up-to-date traffic information of nation wide expressway and national road, and

that of Seoul.

1. Press (RIGHT) [Book], (5) [011 VAS] and (5) [Traffic info].
   ** You can access this service by pressing 1333 and (SEND).*

▷ **Password call** – The service enables you to block international call or all call origination.

1. Select (RIGHT) [Book], (5) [011 VAS] and (6) [Password Call].
2. Select the item by pressing (UP/DOWN) and press (OK)[Enter], enter password, and then press (OK)[Enter].
   ** Default password is the last 4 digits of the mobile phone number.*
   ** You can use the service by pressing *62 for international call restriction, *61 for all call restriction, *63 for restriction release, and then press (SEND) to set / release call restriction service.*
   ** In case you lost your mobile phone, connect remocon service (011-200-8282) for call restriction service.*

▷ **Edit value added service** – Use this mode to change the 011 value added service access number.

1. Press (RIGHT) [Book], (5) [011 VAS] and (7) [Edit 011VAS].
2. Enter password and select the required item, and press (OK)[Enter].
3. Enter the service number to be changed and press (OK)[Enter]. Use (CLR) and numeric keys to edit value added service number.
   ** Default password is 0000.*
   ** Detailed service menu to edit includes (1) Access VMS, (2) Register VMS, (3) Direct Connect, (4) Release VMS, (5) Register MC FW(Register Missed Call FWD), (6) Release MC FWD(Missed Call FWD), (7) Register C FWD(Register Call Forward), (8) Release C FWD(Release Call Forward), (9) InformationSVC, (10) Traffic Info, (11) PC Int'l Call(Password call for international call), (12) PC All Calls(Password call for all calls), (13) Release PC(Release password call), (14) Call FWD DC(Call forward during a call) and (15) Call Hold DC(Call hold during a call).*

Auto answering

You can record the caller's message when you cannot answer the phone.

▷ **Setting Auto answering**

1. Press and hold (Auto Answer) key on the side of the phone.
   ** Every short pressing of the Auto answering key displays General→On driving→On meeting→User voice.*

▷ **Auto answering operation**

1. On incoming call, answer bell rings for the designated number of times, and auto answering voice announcement is transmitted.
2. At the end of the announcement, the caller can record his/her message for 30 seconds.
3. When message recording is completed, Missed call status is displayed. Open and close the folder to display the auto answering mode.

▷ **Message check**

1. Open the folder, press (PLAY) key on the side of the phone, and shift to Auto answering record using (UP/DOWN) keys.
2. Press and hold (PLAY) key to play the record.

▷ **Release Auto answering**

1. Press and hold (Auto Answer) key on the folder.
2. Auto answering is released and the phone returns to standby mode.
   ** You can answer the call during the recording by opening the folder or entering any key. The message recorded before you answer is automatically saved.*
   ** You can switch the phone to auto answering mode by pressing and holding (Auto Answer) key when a call is incoming at normal standby mode.*

Voice Recorder

You can record/play/delete the call or others at standby mode or during the call. (Up to 4 minutes 30 seconds)

▷ **Recording**

1. Open the folder, press and hold (REC) key on the side of the phone.
2. To stop recording in the middle of recording, press (REC). The recording is saved.
   * *Play / Delete recording is disabled during the call.*
   * *Recording stops when a call is incoming during the recording. The recording is saved and alert type changes into vibration.*
   * *Press (LEFT) All clear at step 1 to delete all the recordings. Press (RIGHT) Delete at step 1 to activate recording canceling window.*
   * *To delete all the recordings, open the folder, press(REC)key, and press(LEFT)[All Clear]*
   * *Up to 20 recordings are available.*

▷ **Play**

1. Open the folder, press and hold (PLAY) key on the side of the phone.
2. The last recording is played first. You can play the next recording when you press (PLAY) key during the play or when the play is completed.
   * *You can play the next or previous recording by pressing (UP/DOWN) keys.*
   * *Press (RIGHT) [Exit] to return to call or standby mode. Designated alert type is activated.*

▷ **Delete the recordings**

1. Shift to the recording to delete using (PLAY) key and (UP/DOWN) keys.
2. Press (LEFT) [Del]. At the message "Are you sure you want to delete?", press (OK)[Yes].

Earphone Mic (accessory)

Earphone Mic is an optional item which is not included to the basic supply. You should only use the Earphone Mic supplied by SK Teletech.

1. Insert earphone Mic to the Earphone Mic jack from the top of the mobile phone.
2. Put the earphone to your ear. Mic is automatically placed to your mouth.
3. You can hear and talk with earphone Mic instead of mobile phone speaker and Mic.
4. Press the Mic switch. The switch is operated as (SEND) function to make a call at the standby mode, and as (End) function during the call.
   * *While the earphone Mic is connected to the mobile phone, you cannot disconnect the call even when you fold the folder.*
   * *Mic switch is not operated if you press it short. Press the switch short and press it again after a while.*
   * *Press and hold the switch to finish the call.*

▪ Short Message

Text message

You can retrieve the received text message and the call back number.

1. Press (SMS) [SMS], and select (1) [In Msg] and (1) [Text Message].
2. Shift to the required message using (UP/DOWN) keys, and press (OK) to retrieve the message.
   * *(Open envelope) indicates the already retrieved text message and (SMS) indicates new message.*
   * *Press (OK) [Reply] to reply the message. Or press (SEND) to call to the callback number.*
   * *Delete text message - When you press (LEFT) [Del], a message appears asking you if you are sure that you want to delete the message. If you press (OK), delete confirmation message is displayed*
   * *When there is no text message received, a message appears indicating that no message received.*
   * *Text message protection - Up to 20 text messages are saved in FIFO (First In First Out) basis. You can protect specific messages from deleting when new message is received.*
   * *Press (LEFT) [Lock] at step 1 to apply protection to the message. Press (LEFT) [Unlock] to release the protection.*
   * *Phone will vibrate when a message is received while engaged.*

Voice message

You can retrieve the voice message of the caller via voice mail system (VMS).

1. Press (SMS) [SMS], and select (1) [In Msg] and (2) [Voice message].
2. You can call back by pressing (SEND) when the caller has left the number. If not, press (OK) [Call] to retrieve the voice message.
   * *Delete voice message- If you press (LEFT) [Del], a message appears asking you if you are sure that you want to delete the message. If you press (OK), delete confirmation message is displayed*
   * *Up to 10 voice messages are saved in FIFO.*

Melody download

You can save a my song via mybell service

1. Press (SMS) [SMS], and select (1) [In Msg] and (3) [Mybell]
2. Shift to a melody using (UP/DOWN) keys, and press (OK).
3. Enter the melody name using (CLR) key and numeric keys, and then press (OK) to save.
   * *You can receive up to 10 mybell messages in FIFO.*
   * Use music bell service to download the chord melody.

Send message

You can make (up to 20) / edit / delete messages to send.

▷ **Make new message**

1. Press (SMS) [SMS], and press (2) [Send Msg].
2. Press (0) [New message] and enter message.
3. If you press (OK), the message "Do you want to save this message?" appears. Select (OK/RIGHT) Yes/No.
4. Enter the phone number to send the message and press (OK).
   * *Press (LEFT) Search to select the number from the Phonebook.*
5. Press (OK) Send to receive return message or call to your phone number. To send other number for return message or call, delete the displayed number using (CLR) key, and enter the other number before press (OK) [Send].

▷ **Edit the old message**

1. Press (SMS) [SMS] and select (2) [Send Msg].
2. Shift to the message to edit using (UP/DOWN) keys, and press (OK) [Edit].

3. Edit the message using numeric keys and (CLR) key, then press (OK).

▷ **Delete the old message**

1. Press (SMS) [SMS] and select (2) [Send Msg].
2. Select the message to delete using (UP/DOWN) keys, and press (LEFT) Delete.
3. In the message "Are you sure you want to delete the message?", press (OK).

Out Message

Successfully sent messages (up to 20 messages) are automatically saved in the phone.

1. Press (SMS) [SMS], and select (3) [Out Msg].
2. Shift to the message to check using (UP/DOWN) keys, and press (OK).
3. Check the message using (UP/DOWN) keys. Press (OK) [Edit] and edit the existing message. Enter calling number and return call or message number, then press (OK).

SMS alert

You can select bell/lamp that indicates SMS is received.

1. Press (SMS) [SMS], and select (4) [Set Alert].
2. Press (1) [Alert Duration] and select item requires.
3. Shift to (2) [Set Alert Tone] and press (OK) to set the bell tone.
4. Shift to (3) [Set Alert Vol] and set volume using (UP/DOWN), and then press(OK)

   ** SMS alert*

   - No Alert: Lamp blinks twice. The lamp blinks every two minutes until you retrieve the message.

   - Alert once : Bell goes off once when message is received. The lamp blinks about twice and it blinks every two minutes when there is a new message received.

   - Every 2minutes : Lamp is on and bell goes off twice when message is received, and at every two minutes when there is a new message received.

Delete messages

You can delete the messages which you received or made.

1. Press (SMS) [SMS], then select (5) [Delete message].
2. Enter password, and shift to the item to delete using (UP/DOWN) keys.
3. If you press (OK), the message "Delete all ?" appears. Press (OK) to delete.

E-mail

You can retrieve or send E-mail using the existing E-mail account.(Using SMTP, POP3 server)

▷ **Account management**

1. Press (SMS) [SMS], and (6) [E-mail] and (3) [Account].
2. Enter user name and press (OK).
3. Enter E-mail address and press (OK).
4. Enter password and press (OK).
5. Enter the mail server to send, and press (OK).
6. Enter the mail server to receive, and press (OK).
7. Enter message and press (OK). The message is saved in the account.

   ** You should register account management first before you send/receive E-mail.*

▷ **In box**

<New mail>- You can retrieve new mail.

1. Press (SMS) [SMS], then select (6) [E-mail] and (1) [In Box].
2. Select (0) [Get New Mail], and shift to the mail to retrieve using (UP/DOWN) keys.
3. Press (OK), and retrieve the mail using (UP/DOWN).

   ** You can send answer back mail by pressing (OK) at step 4.*

<Get list> - You can retrieve new mail after checking the total mail list.
1. Press (SMS) [SMS], then select (6) [E-mail] and (1) [In Box].
2. Select (1) [Get List], and shift to the mail to retrieve using (UP/DOWN) keys.
3. Press (OK), and press (OK) [Receive].
4. Retrieve the mail using (UP/DOWN) keys.
   ** Up to 19 recent mails including new mails are stored in the total list.*

<Reply>- You can reply as you retrieve the mail.
1. Press (OK) [Reply] , and then the answer back address is displayed.
2. Press (OK) and enter message.
3. If you press (OK), the message "Will you send the mail now?" appears. Press (OK) to send the E-mail.

▷ **Sending mail box**
1. Press (SMS) [SMS], and select (6) [E-mail] and (2) [Out Box].
2. Press (0) [New mail], and enter the address of the receiver. Press (LEFT) Search to use the Phonebook.
3. Press (OK) and enter message.
4. If you press (OK), the message "Will you send the mail now?" appears. Press (OK) to transmit the E-mail.
   ** You may enter receiver ID only when the receiver uses the same mail server you use. For example, you may enter 'sky' only instead of 'sky@netsgo.com'.*
   ** To send a mail to a number of receivers, insert semi-colon (;) between the addresses.*

Edit n. TOP mail

To send a mail quickly after connecting the n.TOP, write the content of the mail before connecting to the n.TOP.

1. Press (SMS)[SMS], and select (7)[Edit n.TOP mail]
2. Press (0) [New message] and enter message.
3. If you press (OK), the message "Do you want to save this message?" appears. Select (OK/RIGHT) Yes/No.
4. After connecting to the n-TOP, retrieve and use the written mail from the n.TOP mail function.

Data Communication

n.TOP

▷ **Before use**

<Connection and end>

When you press (n.TOP) key, the phone becomes call mode to connect to n. TOP service. n. TOP entry menu appears when the connection is made. Press finish button to end n. TOP service. You can go to n. TOP entry menu by pressing n. TOP button at any window during the Web retrieval.

<Up/Back/Forward>

You can select Up/Back/Forward in the retrieval window, or press side buttons of the phone.
Record button (REC): Performs Back function.
Play button (PLAY): Performs Forward function.

<Favorite>

1. Press (LEFT) [Menu] at any windows during the Web retrieval to display n. TOP Favorite. You can use Favorite and Phonebook using n. TOP Favorite Menu.

▷ **Favorite**- You can go to your favorite site using Favorite.

1. Press (n. TOP) to open entry menu.
2. Press (LEFT) [Menu] to display n. TOP Favorite Menu.
3. Press (1) Favorite to display Favorite list. The list contains the sites you registered.
4. Select the item using (UP/DOWN) keys, and press (OK) to connect the site.

▷ **Add Favorite**- You can add your favorite Website to Favorite.

1. Press (n. TOP), and select the site using (UP/DOWN) keys and (OK) key.
2. Select (LEFT) [Menu] and press (2) [Add to Favorite]. Then, the message "Do you want to add?" appears.
3. Press (1) to add the site to Favorite.

▷ **Reload**- You can update the information while you retrieve the site which is frequently updated.

1. Press (LEFT) [Menu], select (3) [Reload] and press (OK) to retrieve the updated information.

▷ **Open new URL**- To connect the site other than the ones provided in n. TOP, you should enter internet address.

1. Press n. TOP and (LEFT) [Menu].
2. Press (4) Open new URL, enter the site URL (address) to open using numeric keys and (CLR) key, and press (OK). The site is opened.

▷ **Phonebook**- You can use Phonebook function while connecting to n. TOP.

1. Press (n. TOP) and (LEFT) [Menu].
2. Press (5) [Phonebook] to check or use the Phonebook information.
   ** You can check the number but cannot make a call to the number while connecting to n. TOP.*

▷**n. TOP use time** - You can check n. TOP use time.

<Last call time>

1. Press (LEFT) [Menu], then press (5) [Call Timer], (5) [n.TOP Time], and then press (1) [Last call] to check the last n.TOP use time.

<Total call time>

1. Press (LEFT) [Menu], then press (5) [Call Timer], (5) [n.TOP Time], and (2) [Total Call] to check the time you have used n.TOP from the latest reset till now. To reset the timer, press (LEFT) Reset, then press (OK, RIGHT) Yes/No.

<Lifetime Call>

1. Press (LEFT) [Menu], then press (5) [Call Timer], (5) [n.TOP Time], and (3) [Lifetime Call] to check the All

time of the using n.TOP you have made since you bought the phone. (The record is cleared when you initialize the system)

GVM service

By downloading the various multimedia contents from the n. TOP, it allows a user to enjoy fully the services of n.TOP at anytime in anywhere.

What is GVM?
It is a service that enables a user to use various multimedia contents such as game, A/V karaoke, etc. by downloading those contents to the portable terminal after connecting to the n.TOP service of SK Telecom. Such contents can be played right away after downloading them from the n.TOP service enabling a user to feel the dynamic ambience. Also it allows repeated execution of such contents in the portable terminal once they are downloaded at anytime.

Connection Method (in case of game)
1. Press (n. TOP) to open entry menu.
2. Press (3)[Entertainment], (3)[Game land], and (2)[GVM Game]
3. Select the contents using (UP/DOWN) keys, and press (OK).
   **Contents are saved to the portable terminal and played automatically. The time consumed to download is approximately 30~60 seconds.*
   **This cellular phone allows storing of 250Kbyte(maximum of ten in a user space) of n.TOP GVM contents.*
   **If downloading of multimedia contents stops during the downloading process due to the instability of wave environment, it needs to be restarted.*
   **If downloading stops, GVM service fee is not imposed.*
   **The connection method can be differed according to the contents such as A/V karaoke, etc.*

Execution Method
The downloaded contents are first saved to the memory of the portable terminal and played. After the execution, do the followings to enjoy the downloaded contents again.

The example of contents usage (in the case of one-to-one game)
1. After pressing the menu, press (0) [game/GVM game]. By pressing move, move to number (9) [n.TOP GVM game].
2. To select (e.g.: mobile fighter), press [OK].
3. A user proposing a game selects (1) one-to-one game sending whereas a user accepting a proposal selects (2)one-to-one game receiving.
4. When (e.g.: one-to-one game sending) is selected, enter the phone number of game counterpart.
5. Wait for the response after making a call to the counterpart.
6. Press [OK]. When both users are connected, the game start screen appears and music begins to be played.
7. After the music stops, it asks users to select a character, views the record against the counterpart and then, starts the actual game.

** In the case of one-to-one game, two users must contact each other and agree to play a game before playing and connect to a game at the same time to enjoy the game.*
** A user can enjoy the n.TOP GVM game by selecting number (2) [GVM down contents] after pressing [n.TOP] for a while.*
** The menu or display of GVM service may be altered without notice according to the operators' unforeseen circumstances.*

Data service

You can set environment for data service including internet / PC communication / FAX.

▷ **Set incoming mode** - You can set incoming mode when PC and mobile phone is connected.

1. Press (LEFT) [Menu] and (*) [Data service].
2. Press (1) [Incoming Mode] and select the required incoming mode using (UP/DOWN) keys.
3. Press (OK).

   ** For Modem and FAX, you should select Modem Mode or FAX Mode. However, you do not need to set incoming mode for Modem or FAX origination.*

▷ **Set internet speed** - You can select the internet access rate.

1. Press (LEFT) [Menu], and select (*) [Data Service] and (2) [Internet Speed].
2. Select the item using (UP/DOWN) keys and press (OK).

   ** Internet service rate is divided into 9.6 Kbps, 14.4 Kbps and 64Kbps. You can use internet service in the maximum rate of 64 Kbps. In normal rate, you can use internet service in the rate of 9.6 Kbps or 14.4 Kbps. 9.6 Kbps is provided when 14.4 Kbps is unavailable. It is much stable to use data cable than to use IrDA when you use the internet service in maximum rate.*

▷ **Baud rate with PC** - Set interface rate between PC and mobile phone.

1. Press (LEFT) [Menu], and select (*) [Data Service] and (3) [Baud Rate].
2. Select the item using (UP/DOWN) keys and press (OK).

   ** Baud rate with PC indicates the interface rate between mobile phone and PC. It is not related with the service rate of internet, PC communication and FAX. To maximize the internet service rate, communication rate with PC should be 115.200 bps.*

Phone to PC communication

You can use air data communication between mobile phone and PC or use data manager by IrDA.

▷ **Phone to PC communication**

1. Press (LEFT) [Menu], and select (#) [IrDA].
2. Press (1) [Phone to PC] and select ON or OFF using (UP/DOWN) keys.
3. Press (OK).
4. If you select ON, standby window appears and (Mobile phone) indicator is displayed. In IrDA window of the PC, you can use phone to pc communication function of within 30 degree and 10 cm. (Communication between mobile phone and PC) indicator is displayed when PC and mobile phone is connected.
   ** If the interface is idle for more than 10 minutes when you select ON, it is switched to OFF automatically.*

▷ **Setting IrDA communication function in PC** - As IM-3000 is equipped with IrDA communication function, you can use data manager and data service with the PC equipped with IrDA communication function without need of communication cable.

1. Select PC Setting - Start - Control panel, and double click the [IrDA] indicator. Select virtual IrDA COM port in the environment setting of data manager and hyperterminal.
2. After the PC setting, you can use IrDA communication port instead of communication cable.

Phone to phone communication

You can exchange data with other mobile phone by IrDA communication.

▷ **Receiving mode**- Set the receiving mode to receive the data from other mobile phone (My song, My picture, Phonebook).

1. Press (LEFT) [Menu] and select (#) [IrDA].
2. Press (2) [Phone to phone].
3. Press (1) [Receiving mode] to set receiving standby mode.
   ** Press (RIGHT) Cancel to cancel the receiving when receiving.*
   ** In case mobile phone memory is full, related message is displayed. This is only available between SKY mobile phones with IrDA communication function. IrDA communication port between the mobile phones should be within 30 degree and 10 cm.*

▷ **Send my song** - You can transmit the my song data to other mobile phone.

1. Press (LEFT) [Menu], and select (#) [IrDA] and (2) [Phone to Phone].
2. Press (2) [Send My Song] and select the item to transmit using (UP/DOWN) keys.
3. Press (OK) to transmit the data.

▷ **Send picture** - You can transmit the my picture data to other mobile phone.

1. Press (LEFT) [Menu], and select (#) [IrDA] and (2) [Phone to Phone].
2. Press (3) [Send My Pic] , and select the item to transmit using (UP/DOWN) keys.
3. Press (OK) to transmit the image.

▷ **Phonebook transmission** - You can transmit the Phonebook data to other mobile phone.

1. Press (LEFT) [Menu] and, select (#) [IrDA] and (2) [Phone to Phone].
2. Press (4) [Send Phonebook] and select the item to transmit using (UP/DOWN) keys and (OK) key.
3. Press (OK) to transmit the Phonebook data.

Menu Setting

Set call alert

You can set various alert types.

▷ **Set ringer** - You can select the ringer from various melodies.

1. Press (LEFT) [Menu], and select (1) [Set Call Alert] and (1) [Set Ringer].
2. Select the melody using (UP/DOWN) keys and press (OK).
   * *There are about 100 different melodies available.*

▷ **Select ring/ Vibrate** - You can select ring only, vibration only, ring after the vibration, or ring and vibration.

1. Press (LEFT) [Menu] and press (1) [Set Call Alert].
2. Press (2) [Ring/Vibrate], select the item using (UP/DOWN) keys, and press (OK).
   * *Vibration Only, Bell after Vib, or Ring and Vib displays (▣) indicator. The phone vibrates for about a second when the mode are selected.*
   * *In Etiquette mode, the phone operates in vibration mode although you selected bell mode.*

▷ **Adjust ring duration** - You can adjust the ringer length for incoming call.

1. Press (LEFT) [Menu], and select (1) [Set Call Alert] and (4) [Ringer Duration].
2. Select the item using (UP/DOWN) keys and press (OK).
   * *Bell goes off for the time period. After then only the lamp blinks. The phone operates in vibration mode when you set Etiquette mode or vibration mode.*

▷ **Set group ring** - You can designate a specific melody for the call from a specific group.

1. Press (LEFT) [Menu], and select (1) [Set Call Alert] and (5) [Set Group Ring].
2. Select the group using (UP/DOWN) keys and press (OK).
3. Select the melody using (UP/DOWN) keys and press (OK).
   * *When a melody is designated to the selected group, the cursor is located to the melody already selected.*
   * *If you select <Cancel GrpRing>, a message "Group ring assignment is cancelled." appears, and the existing melody selected in Set Ringer goes off.*

▷ **Delete my song**

1. Press (LEFT) [Menu], and select (1) [Set Call Alert] and (6) [Delete My Song].
2. Select the item to delete using (UP/DOWN) keys and press (LEFT) [Del].
3. Press (OK) to delete my song.
   * *Press (OK) at step 1, the window displays the file size of the selected melody and remaining capacity.*
   * *A user can store songs downloaded using Mybell service and songs composed using a data manager as My Song.*

Set picture

You can set / release (animated or still) picture displayed when flip is folded, for incoming call and power on/off and starting n. TOP.

1. Press (LEFT) [Menu] and select (2) [Set Picture].
2. Select the item using (UP/DOWN) keys and press (OK).
3. Select the item using (UP/DOWN) keys and press (OK).
4. Select the picture using (UP/DOWN) keys and press (OK).
5. Select the method of display using (UP/DOWN) keys and press (OK).

** Press (LEFT) [View] to check the picture to be displayed.*
** In addition to the basic pictures, you can download various (animated of still)pictures from data manager or n. TOP, and save the picture in My picture.*
** To delete the downloaded image, select (7) [Delete My Pic] using (UP/DOWN) keys at step 2, and press (OK).*
** To cancel the picture setting, select (6) [All Pics Off] at step 2, and press (OK).*
** When you select moving image when the folder is unfolded, standby time of battery is reduced.*

Set auto answering

You can select or record voice announcement and use the auto answering function when you are in awkward situation to answer the call by pressing a single key.

▷ **Set alert**

1. Pressing (LEFT) [Menu], and press (4) [Auto Answering].
2. Press (1) [Set Alert] and select the item using (UP/DOWN) keys.
3. Press (OK). The phone rings/vibrates for the time designated when a call is coming and auto answering mode is activated.

▷ **Set voice ment** - You can record announcement by yourself or can select one of the three recorded announcements.

1. Press (LEFT) [Menu], and select (4) [Auto Answering] and (2) [Set Voice Ment].
2. Select the item using (UP/DOWN) keys and press (OK).

▷ **Record your own announcement** - You can record the auto answering announcement by yourself.

1. Press (LEFT) [Menu], and select (4) [Auto Answering] and (3) [Rec. My Voice]. If the announcement has been already recorded, press (PLAY) to retrieve the recorded announcement.
2. Press (REC) to start recording. Up to 4 minute 30 seconds are allowed for recording. After finished recording, press (OK) or (REC) to finish recording.
3. Press (PLAY) to listen to the recorded announcement.

Set volume / alert

You can adjust various kinds of volume, or set/release alert.

1. Press (LEFT) [Menu] and select (6) [Set Vol/Alert].
2. Select the item using (UP/DOWN) keys and press (OK).
3. Set or adjust the item using (UP/DOWN) keys and press (OK)..

   ** Type of volumes*
   Earpiece volume ; Volume of the voice heard by the handset earpiece(speaker).
   Keypad volume : Volume of the key tone heard when pressing the key.
   Mic volume : Mic sensitivity.
   Game volume : Volume of the game and when GVM contents are executed

   ** Type of alert*
   Connection tone : Confirmation tone that goes off when the call is connected.
   Minute Alert : This tone goes off every minute to remind you of the lapse of call time.
   No SVC Alert : This alarm goes off when you are out of service area.

Useful options

▷ **Auto local area code (D. D. D)** - You can set the frequently used local area code not to bother to enter the local area code every time you make calls.

1. Press (LEFT) [Menu] and select (7) [Useful Options].
2. Press (1)[Local Area Code], and select the item using (UP/DOWN) keys.
3. Select ON and press (OK) to display auto local area code on standby mode window. Enter the local area code and press (OK).

   ** Auto local area code is deleted when you press (CLR) key or enter the number beginning with 0 in the*

standby mode.

▷ **Auto Backlight** - You can activate / deactivate auto backlight so that the lamp should be on for 10 seconds when you unfold the folder or when a call is received or press the keys.
1. Press (LEFT) [Menu], and select (7) [Useful Options] and (2) [Auto backlight].
2. Select the item using (UP/DOWN) keys and press (OK).
(EX. 2. In case of Set Period)
3. Select (LEFT) [AM/PM], and enter the period to activate auto backlight using (UP/DOWN) keys, (LEFT) [Adj] key and numeric keys. Press (OK) when setting is finished.
   * *Select (1) [Always Auto BL] at step 2 to activate auto backlight at all times.*
   * *Select (3) [Never Use BL] at step 2 to deactivate auto backlight function.*

▷ **Auto redialing** - When there is heavy traffic, you can activate/deactivate auto redial to the number you called.
1. Press (LEFT) [Menu], and select (7) [Useful Options] and (3) [Auto Redialing].
2. Select On or Off using (UP/DOWN), and press (OK).

▷ **Answer options** - When you use handsfree car kit or earphone Mic, you can activate / deactivate answer options in which the incoming call is automatically connected after two rings of bells.
1. Press (LEFT) [Menu], and select (7) [Useful Options] and (4) [Answer Options].
2. Select the item using (UP/DOWN) keys and press (OK).
3. Select ON or OFF using (UP/DOWN) keys and press (OK).
   * *Auto termination is activated only when you use handsfree car kit or earphone Mic.*
   * *Default value is Off.*

▷**Number plus**
You can set up 011 number plus service screen and bell for additional number.

<Set up service screen>
You can display or hide the received number when you use the number plus service.

1. Press (LEFT) Menu, (7) supplementary function and (5) Set up number plus. Default password is 0000.
2. Enter password. .
3. Press (1) Set up screen. Use (Up, Down) keys to select the item, and press (OK).
   * *Number plus service is available for the subscribed users only.*
   * *When screen display setting is set to "ON," a phone number will be displayed on the screen when there is a call.*
   * *In system reset, all settings are reset. You should set up the functions again. .*

<Set up bell for additional number>
You can select the bell for additional number.

1. Press (LEFT) Menu, (7) Supplementary function and (5) Set up number plus, and then enter password. Default password is 0000.
2. Press (2) Set up bell for additional number, and then enter the additional number.
3. Press (OK). Use (Up, Down) keys to select bell type, and press (OK).
   * *Number plus service is available for the subscribed users only.*
   * *In system reset, all settings are reset. You should set up the functions again.*

Security
You can activate / deactivate Lock in which you should enter password to make a call or to use a specific feature.
1. Press (LEFT) [Menu], and select (8) [Security].
2. Enter password and select the item which you want to activate or deactivate.
3. Select ON or OFF using (UP/DOWN) keys, and then press (OK).

** Password of the phone is set to 0000 in default.*
** Type of locks*
- *Global lock - When the global lock is ON, the phone is locked when you switch on the phone. You should enter password to use the phone in lock mode.*
- *International call lock - You should enter password to make an international calls.*
- *Phonebook lock - In Phonebook lock mode, you should enter password to use the Phonebook.*
- *Menu lock - You can activate/deactivate Menu lock in which you should enter password to use Menu.*
- *Call List(Call history) lock - You can activate / deactivate last called / answered number (call history) lock in which you should enter password to use.*
- *Rec/play lock - You can activate / deactivate Rec/ play lock in which you should enter password to record or to play.*
- *Memo lock - You can activate / deactivate Memo lock in which you should enter password to use memo function.*
- *n. TOP lock - You can activate / deactivate n. TOP lock in which you should enter password to use n. TOP function.*
- *SMS lock - You can activate / deactivate SMS lock in which you should enter password to use SMS function.*

System setup

You can set the basic environment such as banner standby mode and password.

▷ **Enter mobile phone name** - You can enter letters to be displayed in standby mode.
1. Press (LEFT) [Menu], and select (9) [Edit Banner].
2. Select (1) [Edit Banner], and then you are prompted to enter password.
3. Enter password and enter the letters to be displayed in standby mode. (Default password is 0000.)
4. Press (OK), and the phone name is displayed in standby mode.

▷ **Set password** - You can change the existing password.
1. Press (LEFT) [Menu], and select (9) [System Setup] and (2) [Set Password].
2. Enter password and enter new password.
3. Enter new password again.

▷ **Method for answering a call** – When a bell rings, a user has the option of answering a call: one by opening a folder and the other by pressing a key after opening a folder. The user may choose one out of two methods.

Opening a folder
1. After pressing the menu, number (9) [Environment setting], and (3) [Answering method], press number (1) [Open folder].

Pressing a key after opening a folder
1. After pressing the menu, number (9) [Environment setting], and (3) [Answering method], press number (2) [Press key after opening a folder].
   * When purchasing a product, it is initially set to 'Open folder.'

▷ **System reset** - You can reset the mobile phone setting to the default.
1. Press (LEFT) [Menu], and select (9) [System Setup] and (4) [Reset All Data].
2. Enter password, then the message appears, asking if you are sure you want to reset the system. Press (OK) to reset the system.

▷ **NAM selection** - When you have subscribed to two or more service providers, you can select one phone number with this feature.
1. Press (LEFT) [Menu], and select (9) [System Setup] and (5) [Select NAM].
2. Enter password. Select the NAM required using (UP/DOWN) keys, and press (OK). The phone is powered off/on as it is set to the selected NAM.

** Default password and NAM are 0000 and NAM 1 respectively. Please do not change the NAM. If necessary, please contact our service center.*

▷ **Software Version**

1. Press (LEFT) [Menu], and select (9) [System Setup] and (6) [View S/W Ver].
   The software version number at the time of manufacturing is displayed in default.

▷ **Screen contrast**

1. Press (LEFT) [Menu] and select (9) [System Setup] and (7) [ScreenContrast].
2. Adjust contrast using (UP/DOWN) keys and press (OK).

▷ **Set n. TOP**

1. Press (LEFT) [Menu] and select (9) [System Setup] and (#) [n. TOP Option].
2. Enter password. Select the item using (UP/DOWN) and press (OK) to amend the details.
   ** PROXY address : n. TOP Gateway address*
   Beginning URL: Set the first site visited when you access n. TOP in URL.
   Initialize : Reset PROXY address and initial URL to the default.
   This function provides the menu to set environment for n. TOP service. Do not amend the setting unless notified by the service provider.

Appendix

Menu Structure

You will easily access various functions with Multi-key( ); Select menu by Multi-key, then simply press a corresponding number key.

Step	Step1	Step2	Step3
L. Menu	1. Set Call Alert	1. Set Ringer	1.Child/Folk/Etc 2.Classic 1 3.Classic 2 4.Sound Effect 5.My Song
		2. Ring/Vibrate	1.Ring Only 2.Vibration Only 3.Ring After Vib 4.Ring And Vib
		3. Ringer Volume	Mute + 5 Steps
		4. Ring Duration	1.Continuous 2.Ring for 5sec 3.Ring for 10sec 4.Ring for 15sec
		5. Set Group Ring	
		6. Delete My Song	
	2.Set Picture	1. Folder Opened	1.Clock Only 2.Basic Picture 3.My Picture
		2. Incoming Call	1.No Picture 2.Basic Picture 3.My Picture
		3. Power On	1.No Picture 2.Basic Picture 3.My Picture
		4. Power Off	1.No Picture 2.Basic Picture 3.My Picture
		5. n.TOP Starts	1.n.TOP Basic 2.Basic Picture 3.My Picture
		6. All Pics Off	
		7. Del My Picture	
	3.PIM	1. Calculator	
		2. Calendar	
		3. Alarm	
		4. Stop Watch	
		5. World Time	
		6. SKY TODAY	1. Schedule Check 2. Set Alarm
		7. My Memo	

Step	Step1	Step2	Step3
L. Menu	4. Auto Answering	1. Set Alert	1. Immediately 2. Vibration Once 3. Ring for 5sec 4. Ring for 10sec
		2. Set Voice Ment	1. General 2. In Driving 3. In Conference 4. My Voice
		3. Rec. My Voice	
	5. Call Timer	1. Voice call time 2. Voice receive time 3. Data send time	1. Last Call 2. Total Call 3. Lifetime Call
		4. Data receive time	
		5. n. TOP Time	
	6. Set Vol/Alert	1. Earpiece Vol	5 steps
		2. Keypad Vol	5 Steps
		3. Mic. Level	Low, Medium, High
		4. Game Vol	Mute + 5 steps
		5. Connection Tone	1. On, 2.Off
		6. Minute Alert	
		7. No SVC Alert	
	7. Useful Options	1. LocalArea Code	1. On, 2.Off
		2. Auto Backlight	1. Always Auto BL 2. Set Period 3. Never Use BL
		3. Auto Redialing	1. On, 2.Off
		4. Answer Options	1. With HandsFree 2. With Earphone
	8. Security	1. Automatic Lock	1. On, 2. Off
		2. Global Lock	
		3. PhoneBook Lock	
		4. Menu Lock	
		5. Call List Lock	
		6. Rec/Play Lock	
		7. My Memo Lock	
		8. n.TOP Lock	
		9. SMS Lock	
	9. System Setup	1. Edit Banner	
		2. Set Password	
		3. Answer Calls	1. Open the folder 2. Press any key after opening the folder
		4. Reset All Data	

Step	Step1	Step2	Step3
L. Menu		5.Select NAM	1.NAM1 2.NAM2 3.NAM3 4.NAM4
		6. View S/W Ver	
		7. Screen Contrast	9 steps
		8. n.TOP Option	1.Proxy Address 2.Beginning URL 3.Initialize
	0.Game/n.TOP GVM	Games	
	*.Data Service	1.Incoming Mode	1.Voice Mode 2.Modem Mode 3.FAX Mode
		2.Internet Speed	1.Maximum Speed 2.Normal Speed
		3.Baud Rate	1.115,200bps 2.19,200bps
	#.IrDA	1.Phone to PC	1.On, 2.Off
		2.Phone to Phone	1.Receiving Mode 2.Send My Song 3.Send My Pic 4.Send PhoneBook
R. PhoneBook	1.Quick Search By Grp		
	2.Search By Name		
	3.Search By No.		
	4.Edit PhoneBook		
	5.O11 VAS	1. Voice Mail	1.Connect 2.Reg./Terminat.
		2. Auto Forwarding	1.Registeration 2.Termination
		3. Call Forwarding	1.Registeration 2.Termination
		4. Broadcasting	
		5. Traffic Info.	
		6. Password Call	1.Int'l Call 2.All Call 3.Termination
		7. Edit 011VAS	
	6.Edit QuickDial		
	7.Edit Group	1. Edit Grp Name	
		2. Set Group Ring	
		3. Del Group Name	
		4. Delete Group Name	
	#.My Phone No.		

Step	Step1	Step2	Step3
n.TOP key			
Upper Key in Standby mode	Call History(List)		
Lower Key in Standby mode : SMS	1. In Msg	1. Text Msg	
		2. Voice Msg	
		3. Set MyBell	
	2. Send Msg		
	3. Out Msg		
	4. Set Alert	1. Alert Duration	1. No Alert 2. Alert Once 3. Every 2minutes
		2. Set Alert Tone	7 kinds
		3. Set Alet Vol	5 steps
	5. Delete Message	1. Del In Msg	
		2. Del Msg Edited	
		3. Del Out Msg	
		4. Delete All Msg	
	6. E-mail	1. In Box	
		2. Out Box	
		3. Account	
	7. Edit n.TOP Mail		
L Menu during a Call (Hot menu)	1. Send my phone number		
	2. Mute		
	3. Call transfer serivce		
	4. Call hold service		
R Menu during a call(Phone Book)	1. Quick Search By Grp		
	2. Search By Name		
	3. Search By No.		
	4. Edit PhoneBook	1. New Name	
		2. Existing Name	
	#. My Phone No.		
Upper/ Lower Key in use	Volume Control		
Record Key	Record		
Play Key	Play		
AutoAnswer key	AutoAnswer Reg/Termination		

Options

- Following items are required for supplementary service.

Handsfree adapter (HFA-700)

- This handsfree adapter enables you to make a call, to answer the incoming call, and to charge the battery without holding the phone in your hand.

Features

* *High call quality*
  With full duplex mode and echo canceller, the system provides original sound with less noise.
* *Easy to install*
  User can install the system by himself/herself.

Data manager kit (IMPC-500)

- This kit provides connection between PC and phone, enabling you to easily utilize the phone function.

Data manager function

* *PIM Phonebook edit* * *Selecting melody* * *Composing melody* * *Selecting animation*
  (You can download or upgrade data manager program from www.sksky.com)

Earphone Mic

Trouble Shooting Guide

Trouble	Actions to take
Cannot switch on the LCD screen	Battery is not correctly inserted or it is completely discharged. Insert the battery again, or charge the battery in full.
LCD screen displays the message, "Out of service area"	Move to other location and try again.
LCD screen indicates that it is locked.	Type in correct password (4 digits) to unlock the phone. However, you can still make an emergency call.
You make a call, but only hear the busy tone.	All call channels are used or the phone fails to transmit/receive signals to/from base station. Press (END) and then (SEND) to redial the latest called number.
( ) icon is displayed with the sound "beep-beep-beep" when power is on.	Battery is discharged almost to the bottom. Charge the battery and try again.
Battery lasts shorter than it is described in the manual.	Battery is a consumable item, so repeated charging/discharging reduces the battery capacity. Keep the battery away from severe cold or heat.
Charger lamp blinks in orange.	Poor connection between the battery and charger. Delete and insert the battery again.
When the phone operates abnormally or when you cannot switch the power on.	Delete and insert the battery again. If the problem continues, contact the nearest service center.
Unexpected power off.	

Prevent Illegal Handling of ESN

It is illegal to remove or change the Electronic Serial Number (ESN) of the phone manufactured by SK Teletech, or to copy the other number. Anyone who commits the illegal action is the subject for imprisonment for less than 3 years or for the penalty of less than ten million won in accordance with the relative laws and regulations (Article 4 of the Radio Waves Act, Article 57 of the Electronic Communication Business Law and Article 347 of the Criminal Law. This illegal attempt may damage the software of the phone, resulting in broken phone. Users are required to be careful not to suffer damages caused by these illegal acts. When any illegal act is found, service by warranty, whether it is free of charge or charged, shall not be provided.

Precautions

- Do not lend your phone to others.
- Contact the nearest after-sales service center designated by SK Teletech.
- When the phone is lost or stolen, contact the report to the carrier immediately.

Specifications and Features

Range of frequency used		TX : 824.64 - 848.37 MHz RX : 869.64 - 893.37 MHz
Accuracy of the frequency		Within +/- 300 Hz
Size		81 x 42.5 x 22 mm (Including Slim Batt.)
TX output		0.3 W +/- 50%
Operation temperature	Phone	-20 C - +50 C
	Charger	0 C - + 40 C
Relative humidity		5% - 95%

Mobile Phone Data

Model name		SK-3000
Date of purchase		
Purchased from	Business name	
	Telephone No.	
Serial No.		
Phone No.		
Password		

Warranty

SK Teletech carries out the guarantee on the product according to the consumer damage compensatory article lay down by the Consumer Protection Law.
[Term of guarantee] Cellular phone and charger : 1-year after purchasing, Battery : 6-month after purchasing

Free service

In case of a performance or function failure to a product in a normal use occurred within a term of guarantee

- ✧ In case of a performance or function failure to a product in a normal use occurred after ten days from the purchase requiring a major repair to a product
  Product exchange or purchase amount refund
- ✧ In case of a performance or function failure to a product in a normal use occurred after one month from the purchase requiring a major repair to a product
  Product exchange
- ✧ In case of a performance or function failure to a product in a normal use occurred within a term of guarantee
  - When failure occurs free repair
  - When repairing is not possible product exchange or purchase amount refund
  - Repair for three times for the same failure but the failure still persists product exchange or purchase amount refund
- ✧ For damage resulting from not maintaining the parts necessary for repair within the part holding period
  - Within the term of guarantee
    - In case of a performance or function failure to a product in a normal use product exchange or purchase amount refund
    - In case of a failure due to customer's intention • fault product exchange after imposing corresponding amount of money necessary to repair the product
  - After the term of guarantee
    Refund after adding 10% to the depreciated purchase amount (Max. : purchase amount)

Charged service

- ✧ In case of a failure to a product after the term of guarantee
- ✧ In case of a failure due to the consumer's fault
  - In case of a failure due to the consumer's handling negligence such as submersion or shock
  - In case of a failure due to the disassembly/assembly, repair, or remodeling of a product at consumer's discretion
  - In case of a failure due to using an optional item such as hands-free, ear microphone, charger, etc. not provided by SK Teletech
  - In case of a failure due to servicing from a place not assigned by SK Teletech
  - In case of a failure due to other miscellaneous negligence
- ✧ Other circumstances
  - In case of a failure due to natural calamity such as fire, flood, etc.
  - In case of consumption goods reaching its life span (battery, vibrator, antenna, ear microphone and other attachments)

Model	SK-3000	Serial No.	
Date of purchase	(YYYY-MM-DD)	Customer Name	
Agency		Purchase Amount	

* Please keep the product warranty after filling in the prescribed blank with the receipt for receiving complete service.