SK-5100

Advanced features of SK-5100

New style! Slide-up!	Slide-up ! The phone implements a new style different from the existing flip and folder styles in a way to push up the top slide with one hand. You can enjoy a fancy attractiveness of slide-up style far from the common flip and folder types.
40 chord melody	**More vivid melody!** **The phone provides diverse and more vivid music in various fields with 40-chord melody.**
CDMA2000 1x superhigh speed data communication	**SKY is a mobile phone faster than a modem.** **The phone implements the CDMA 2000 1x superhigh speed communication function of 153.6Kbps with MSM5100 equipped, enabling you to navigate the wireless Internet in super high speed or to swiftly download the multimedia data.**
Wireless internet [NATE motion-picture service, character bell]	A hundredfold enjoying of NATE with motion-picture and character bell services! You can enjoy a hundredfold realistic wireless Internet at anytime and anywhere by downloading various multimedia contents such as motion-picture and character bell to SKY.
Other features	**Still smart and various functions!** **IrDA communication, auto answering/recorder, 99 memory location numbers, stopwatch, electronic pocketbook (Calendar/scheduler, alarm, and calculator), various animations, my melody, etiquette, music bell, earphone mic, etc.**

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

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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 1.5 cm. from the body. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that maintain a 1.5 cm. separation distance between the user's body and the back of the phone, including the antenna, whether extended or retracted. The use of 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

Precautions for using the mobile phone

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 hippocket 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 chemical cleaners including thinner or solvent.
	Since this unit is sensitive to electric wave, any antenna or accessories not approved by SK Teletech may deteriorate the performance. Also keep the unit away from steel desk, computer or microwave oven, which may cause electromagnetic interference.

	If abnormal substances such as sands, tobacco ashes, etc. are entered into a gap between slides, they may occur a malfunction. At this time, please contact a near A/S center.

SKY

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.

Safety information

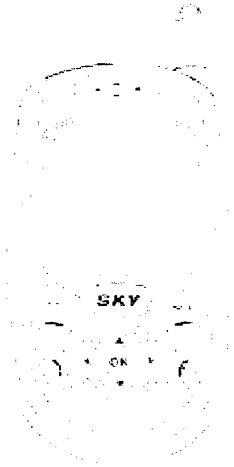
1. Using a cellular phone during driving may not only increase the risk of traffic accident but also affect the electronic devices in a car. Give full attention to driving. If you must use a phone, please use hands free for your safe driving.

2. Since hospitals or health care facilities may be using equipment that could be sensitive to external RF energy, turn your phone off in those facilities.

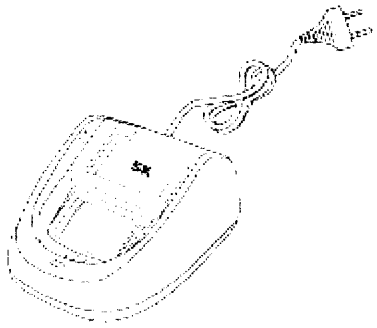
3. Since using a phone while in the air may affect the electronic flight devices, please turn it off in the airplane.

4. Turn your phone off in any places where posted notices so require.

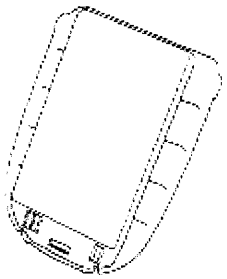
Package Contents



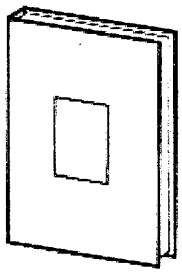
Handset



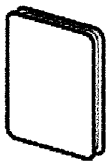
Desktop/portable Charger



Slim Battery



User Manual
(Including Product Warranty)



Pocket Manual

Part Names and Functions

Part Name

Slide

Open the slide to answer the call, and close it to end the call.

Inner LCD screen :
Displaying the mobile phone status.

Message function key :

Press the key when using voice/character messages.

Select the lower left item on LCD screens excluding the Logo

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

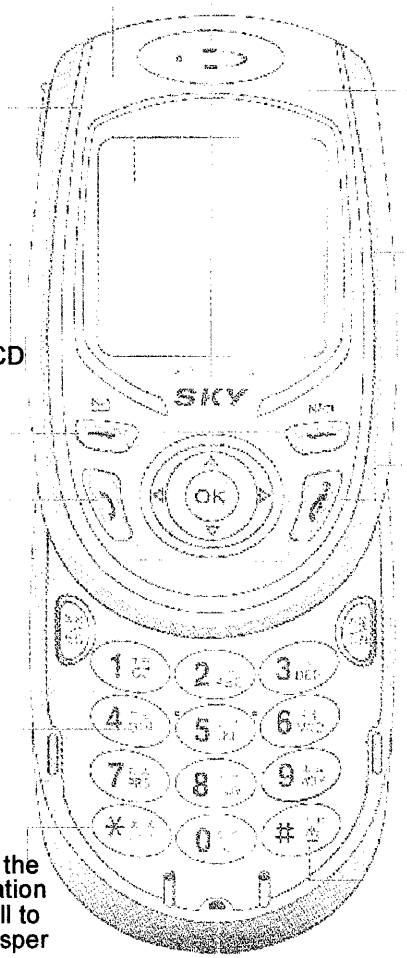
Record/Play Key

Numeric keys

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.

International Call Key
Press and hold the key to make an international

Earpiece(Receiver



Mic(Sender)

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

Function Key
Select the lower right item on LCD screens excluding the Logo

End Key :

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

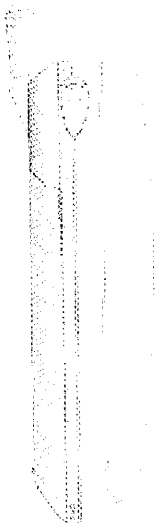
Delete/Cancel Key :

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

Record/Play Key :

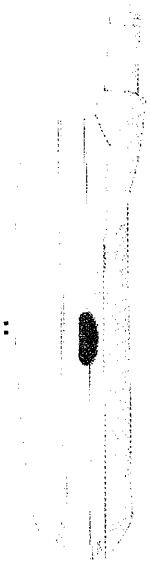
Press and hold the key to start/finish playing the record.

Part Function



Antenna :
Extend the antenna where the signal is weak.
(Refer to page 00)

Earphone Mic Jack :-
Connect an earphone mic for use.

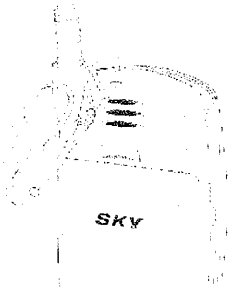


IrDA Communication Port :
Used for IrDA
(Refer to page 00)

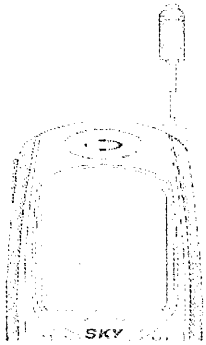
Battery
(Refer to page 00)

In-car Connector :
Connecting hands free/car kit adapter and data manager cable. (Refer to page 00)

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

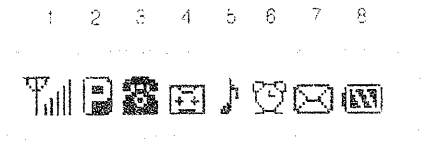


Insert cellular phone necklace :
Pass the cellular phone necklace through the hole near the antenna from the bottom and insert it to the ring at the other end.



Antenna :
Extend the antenna vertically for best call quality.

Display Indicators



1. **Signal strength of the service area**

Indicators						
Signal strength level	Good			Poor		Out of service area

Indicators in the service area of other provider

Indicators						
Signal strength level	Good			Poor		Out of service area

2. **Display during a secrete call**

Display when both terminal and base station are approved

3. **Appears in standby mode.**

Appears when you make a call or during a call.

Appears when there is no exchange of data duaring a data service.

4. **Appears when auto answering is set**

5. **Appears when ringer is set**

Indicators					
Meaning	Ringer	Vibration	Ringer after vibration	Simultaneous ringer and vibration	Etiquette mode

5. **ppears when alarm is set**

6. **Text or voice message received.**

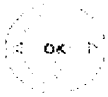
Indicator	Description
	This icon will flick when new voice/text message arrives and disappear after checking the message.

7. **The remained battery power**

Indicators				
Available battery power	High	Medium	Low	Needs charging

Multi-function keys

Select menu



Select outgoing call history

Select incoming call history

Select phoneboook

Press and hold the Auto Answering key for selection.

<On active screen>

Select the lower left item on the LCD screen.

Select the lower right item on the LCD screen.

Move to the left.

Move to the upward.

Move to the downward.

Move to the Right.

[Select [ok] item.

How to activate and select menu

Ex) Enter a phonebook: James, friend, Home number 123-4567, and memo

1. Press [Book] and [Add book].
2. Press [Sel].
3. Enter Name, and press [Done].

Press [Done] to automatically move to the next item.

4. Press [Sel] and [Up/down].

After moving to the required group, press [Sel].

6. Press [Sel] and [Up/down].

The cursor is moved automatically to the next item.

After moving to the required icon, press [Sel].

7. Press [Sel], enter the number and press [OK].

Enter 011-123-4567 in the same process.

The cursor is moved automatically to the next item.

8. Press [Sel].

After moving to the required icon, press [Sel].

9. Press [Sel], enter the memo and press [Done].
10. Press [Save].

SKY

This user manual describes how to operate the phone, provided that the slide is in open status.

How to use the linked menu

If [Menu] is displayed on the low screen, you can open the linked menu.

Press [Menu] to display executable functions on the screen.

Ex: In case of selecting the connect menu of calendar/scheduler

1. Press [Menu], [PIM] and [Scheduler] (E.g.: Feb. 2002).
2. Press [Menu].

Using the battery

Cautions

- **Always use the authorized, dedicated charger and batteries.**

  Unauthorized 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).**
  If you place the battery in too cold or too hot places, battery capacity and life may be reduced.
  Remove the battery from the phone when unused for a long time.
- **Replace the old battery with a new one when battery capacity has reduced by half.**
  As a consuming item, repeated charging/discharging may reduce the battery capacity.
- **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

By mode

Type of battery Mode	Slim battery	Standard battery
Call	About 153 minutes	About 206 minutes
Standby	About 68-195 hours*	About 92-262hours*

* 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. In this case, more power consumes, and the battery life may be reduced.

Using a motion picture (animation) of "Set picture" in Logo may consume more power than not using it. Therefore, battery life can be reduced by 20-30% than those described in this manual.

Low battery alarm

appears with alarm when battery requires charging. The phone would be switched off with a message "The phone is switched off due to low power" if you fail to charge the battery.

Charging the battery

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

*To use 110V, purchase an additional adapter.

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

- *When you fast-charge the standard battery fully discharged, its temperature may be increased a little. However, this does not affect the battery performance.*
- *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 or animals.*

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 [End] key.

The SKY logo appears for a while.

In case of selecting an initial Logo to [No picture] and [Big clock]: The initial Logo displays the number of recordings of recording while engaged, auto-response recordings and voice mail recordings.

SKY

When vibration or Etiquette mode is selected, the vibration indicator (etiqutte indicator) is displayed and the phone vibrates.

Various animations can be displayed/

The start screen varies by the setting.

Switching the phone off

1. Press and hold [End] key.

Animation is displayed for several seconds before power is off.

Making a call

1. Press local area code and phone number, and then press (SEND).

If you make a mistake while entering a phone number, just press (CLR) to delete the last digit.

2. Start talking with the other side.

To adjust the volume during a call, press [Vol].

3. To finish the call, close the slide or press [End].

SKY

-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 separately.

Last number redialing

You can redial the last number called.

1. Press (SEND).

Search call history and redial

Up to 30 recently called/answered numbers are displayed. Press [SEND] to redial.

For incoming calls

1. Press [Called list].

-Press (UP/DOWN) to find the required number.

-The number entered in phonebook displays name and icon of the other side.

2. Press [Sel]. (E.g.: Select 'John')

-You can verify the time received and phone number.

3. Press [Send].

For outgoing calls

1. Press [Tx history].

-Press (UP/DOWN) to find the required number.

-The number entered in phonebook displays name and icon of the other side.

2. Press [Sel].

3. Press [Send].

SKY

-If call list lock is selected, you cannot call the last called number with pressing [Send].

-For an incoming call, the received call number is displayed when Calling Line Identification Presentation service is subscribed.

-For the consecutive incoming/outgoing of the same number, the number is displayed on the call history screen only once. At this time, the last received/sent time is displayed. To verify how many times the number is received/sent, press [Menu] and 'Called time'.

Answering calls

1.Open the slide when the phone rings or vibrates.

Press any key if the slide has already opened.

2.Close the slide or press (END) to finish the call.

Call time blinks on the screen before it returns to standby mode.

SKY

How to answer calls consists of three methods such as opening the slide, pressing any key, and pressing (SEND).

If answer options with hands free or earphone is set as on and the phone is connected to them, the phone automatically answers after ten seconds of rings.

If you cannot answer a call and the auto-answering function is set, you can record the received

message according to the announcement.

When subscribing calling line identification presentation service, the phone number of the third party will appear on the LCD screen. If the number has already saved in phonebook, the name of the other party will appear.

Speed dial

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

One digit speed dial (Address 1~9)

1. Press and hold the address.

Or enter the address then press (SEND).

Call is made to the phone number in the address.

Two digit speed dial (Address 10~99)

1. Enter the first digit of the address then Press and hold the second digit.

Or enter the address then press (SEND).

Call is made to the phone number in the address.

SKY

Refer to Speed dial to save a new number or to edit the existing number (Refer to page 69).

Adjusting the volume

Adjust the earpiece volume and ringer volume.

Adjusting the earpiece volume

You can adjust call volume in 5 steps during the call and during the standby mode.

During the call

1. Make or receive a call.
2. Press [Vol].

Adjust the earpiece volume using [Vol] keys during the call.

In the standby mode

1. Press [Menu] and [SetSound] then press (4) .

Adjust the volume using (Left/Right) keys, then press [Sel].

2. Press [Save].

Adjusting the ringer volume

You can adjust the ringer volume from 0 to 5.

1. Press [Menu], [SetSound] and [Ringer/Vib] then press [Vol].

Adjust the volume using (Left/Right) keys, then press [Sel].

2. Press [Save].

SKY

If the ringer volume is set to 0, icon disappears on the upper of LCD.

The ringer volume can be adjusted from adjusting the earpiece volume.

Adjusting the keypad volume

You can adjust the keypad volume from 0 to 5.

1. Press [Menu], [SetSound] and [Vol] then press [Key tone].

Adjust the volume using (Left/Right) keys, then press [Sel].

2. Press [Save].

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. Open the slide, and press and hold (*) key.

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 and holding (*) again.

2. Press and hold (*) to release the Etiquette mode.

Etiquette mode indicator disappears from the screen and the phone returns to the previous status.

Enabling Etiquette mode during the call

1. Press and hold (*) key.

(whisper) blinks on the screen, and silent keypad and whisper mode are activated.

2. Press and hold (*) key again to release the Etiquette mode.

(whisper) disappears from the screen, and the phone returns to the previous status.

SKY

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.

Check received messages

You can check the text message during the call.

1. During the call, press [Menu].
2. Press [Read message].

Press [Sel] to verify the text message.

SKY

If you press [Menu] key, you can perform deleting a message, deleting all messages and setting protection and if you press [END] key, the LCD screen returns to the busy status.

When a new message is received during a call, you can verify it by pressing [Conf].

Send my 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 [Menu] during the call.
2. Press [Send my No.].

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 [Menu] during the call.
2. Press [Muting].

You can release the Mute function by pressing [Rel]. 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 [Menu] during the call.
2. Press [Call trans.] and then enter the number to which the call is to be transferred. (E.g.,: In case of entering 02-999-9888)
3. Press [OK].

Call transfer service access number *78 is automatically displayed before the phone number while the call is connected to the number.

Check the dial tone and press [End] when the called user answers the phone.

SKY

*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 and pressing [Send].

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 [Menu] during the call.
2. Press [Call hold] and then enter the number to call.
3. Press [Done].

Call transfer service access number *77 is automatically displayed before the phone number while the call is connected to the number.

Press (End) after the call to return to the call you have hold.

SKY

You can use Call hold function by pressing *77 and the phone number to which you make a call and pressing [Send].

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 [Rx history].

30 numbers are displayed in consecutive order from the latest number received.

(Icon) is displayed when you missed an incoming call.

(Icon) is displayed when text message is received.

2. Press [Sel].

You can verify the received time and the phone number of caller.

Press [Book] to verify the information on the phone number.

3. Press [Send].

SKY

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 slide, or press any key to remove the message.)

For more information on the supplementary service registration procedure, contact SK Telecom customer service by pressing "114" with your mobile phone.

When calling

1. Press [Tx history] and press [UP/DOWN] to search the phone number.

(Icon) is displayed when text message is called.

2. Press [Sel].

30 numbers are displayed in consecutive order from the latest number called.

Press [Book] to verify the information on the phone number.

Press [Menu] to make a message, delete, delete all and verify the called time.

3. Press [Send].

SKY

Press [Menu] in the Phonebook to save the phone number, verify the information on the phone number found, make a message, delete all or verify the time received/called.

For the consecutive incoming/outgoing of the same number, the number is displayed on the call history screen only once. At this time, the last received/sent time is displayed. To verify how many times the number is received/sent, press [Menu] and 'Calling/called time'. (E.g.: When calling)

My Information

You can enter your own information (own mobile phone number, name and e-mail).

1. Press [Book] and [My information].

For entering the information, refer to how to set the menu (Refer to page 15).

Timers

You can check various call timers such as Last call/Total call/lifetime call of Voice call time, Voice received time, Data send time and data receive time.

Last call

1. Press [Menu], then press [Call Timers], and then press(1) [Last call time] to check the Last call.

Total call

1. Press [Menu], then press [Call Timers] and (2) [Total Call] to check the Total call.

Lifetime call

1. Press [Menu], then press [Call Timers] and (3)[Lifetime Call] to check the lifetime call.

SKY

Voice calling time – means the time when the call is made.

Voice called 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.

PIM Phone Book

Adding an entry

E.g.) Hi~!

1. Press (SMS)[SMS], and press (2)[Out-box] and (1)[New message].
2. Press [OK] to enter letters.
3. Press (4) twice to enter [H] then press (NATE) key to move to [Lower].

You can change the entry mode in the order of English, symbol, and number whenever you press [NATE].

4. Press (4) three times to enter [i] then press (NATE) key to move to [Symbol].
5. Press (0)[~] and (4)[!].

Press [Up/Down] to select various symbols.

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, etc.

1. Press phone number and then press and hold (7) and phone number to be electronically dialed.

'P' appears on LCD screen when pressing and holding (7).

To enter Pause again (several times), enter the number and then press and hold digit key (7) for over one second.

2. Press [Send].

You can save the number in the phonebook by pressing [Save].

When the call is connected, press [Next] for the ARS announcement prompting you to enter number.

SKY

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 [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 [Book] and then press [Sel].

Press [UP/DOWN] to search the name.

You can make a call by entering a figure (1,2,3,4) on the above screen.

2. Press [Select].

Press [UP/DOWN] to move to the number required.

Press [SEND] to make a call.

To make a message, designate a speed dial and remove the phone number on the above screen, press [Menu].

3. Press [Send].

SKY

To modify the number, press [Edit] at the above step 2.

PIM Phonebook main window configuration

PIM phonebook main window is configured with the following items.

You can enter or edit anniversary, memo and e-mail address as well as phone numbers with [Edit] key.

Edit Phonebook

You can enter or edit a phone number using search function.

1. Search the name required using search function in [Book].

2. Press [Edit]. (E.g.: For entering)

Phonebook edit window for the searched name is displayed on the screen.

Press [UP/DOWN] to move to the item to enter/edit. Refer to how to activate and select the menu (Refer to page 15~16).

Press [Sel]. (E.g.: For editing the entered contents)

To delete the contents, press [CLR].

Press [Add data] to add more information. (E.g.: For adding more information)

1.Press [Save].

You can also add the information in Add Item by pressing [Menu] key.

Delete names

Delete the name from the Phonebook using search function.

1. Press [Book] and [Sel].

(E.g.: In case of selecting a group(Friend))

Press [UP/DOWN] to search the required name.

2. Press [Menu].

You can choose [1] [Enter msg] or [2] [Set SpeedDial].

3. Press [3] [Delete name].

Press [Yes] to delete the name.

Search by name

You can search the phone number by entering the name.

1. Press [Book] and select [Search by name].

Text edit mode window is displayed.

2. Enter the full or partial name to search. (E.g.: For entering 'James')

3. Press [Conf].

Press [Sel] on the name required to move to the phone number field using [UP/DOWN] keys.

You can make a call by pressing figure(1, 2, 3, 4) on the above screen.

4. Press [Send].

SKY

To search the name in the secret group, you should release the secret group. (Refer to page 66~67)

Search by number

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

1. Press [Book] and select (3) [Search by No.].

2. Enter a part or whole phone number to search using numeric keys.

(E.g.: For entering '23')

3. Press [Conf].

The name that includes the number (i.e. 23) is displayed. Press [UP/DOWN] keys to move to the required name.

You can make a call by pressing figure (1,2,3,4) on the above screen.

4. Press [Sel].

Press [UP/DOWN] keys to move to the required phone number field.

Press [Menu] to make a message, designate a speed dial and delete phone number.

5. Press [Send].

SKY

To search the name in the secret group, you should release the secret group.

Adding an entry in Logo

You can save / edit the phone number at the entry window.

Add a number to the new name

Add a phone number entered in the Logo to the new name.

1. Enter a phone number.

Press [Find] then you can search the phone number and Phonebook the same as by phone number.

2. Press [Save].

The phone number storing window is displayed.

3. Press [New name].

For input method, refer to how to activate/select the menu.

SKY

Up to 1200 (Maximum 1200 people) phone numbers can be added.

Add a number to the existing name

Add a phone number entered in the Logo to the existing name.

E.g.: In case of selecting James and home number in Friend group

1. Enter phone number.

2. Press [Save].

The phone number storing window is displayed.

3. Press [Existing name].

Move to the names in the group using [UP/DOWN] keys.

Press [Menu] to delete the group name or check the phonebook information.

4. Press [Sel].

Names in the group is displayed.

Move to the name to search using [UP/DOWN] keys.

5. Press [Sel].

Press [UP] to find out Home using [Left/Right] on the screen that includes the phone number.

6. Press [Save].

Add phonebook

You can enter and save new information.

Add a phone number to the new name

Add a phone number to a new name using [4][Add Book] function of [Book].

1. Press [Book] and [Add Book] menu.

For input method, refer to how to activate/select the menu.

2. Press [Save].

SKY

In addition to the default groups, Family, Company, Friends, Relative, School and No group, you can add 21 groups including <No group> using <new> in <Edit Group>.

If the name you entered already exists in the Phonebook, a message, "Save it here?" appears. Press [OK] to overwrite the existing name or press [No] to go back to the Edit window.

E-mail address add/edit

1. Search the required name using the Search function of [Book] and then press [Edit].
2. Press [Menu] and [Add e-mail] and then enter the E-mail address.

Press [CLR] key to amend the existing address and enter new e-mail address.

Enter numeric key 0 to enter @.

3. Press [Done] and [Save].

SKY

Up to 32 English letters including '@' and '.' are available for text entry of user ID and mail server.

Anniversary/Phonebook memo

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

Anniversary

* Anniversary is displayed only in English.

1. Select a name to amend using the Search function of [Book] and press [Edit].
2. Press [Menu].

The anniversary can be added even through 'Add data'.

3. Press [Add anniv.]. (E.g.: Birthday)

Move to the content of anniversary using [Left/Right] keys.

4. Press [Next] and enter the date (E.g.: January 29, 2002).
5. Press [Save].

SKY

Anniversary is classified into birthday, Marriage, and Meeting as default. You may enter a specific anniversary pressing 'Anniv.'.

To delete the anniversary, press [Menu] and then press [Delete anniv.] while placing the cursor on the date of anniversary.

Phonebook memo

You can enter memo by adding item in the same method of anniversary on the Edit Phonebook window of Search Phonebook.

SKY

You can save up to 64 English letters in phonebook memo.

Edit group

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

Add new group

You can add new group for phone number.

1. Press [Book] and select [Edit group].
2. Select [New] and enter the new group name.
3. Press [Done].

Move to the required answer using [Left/Right] keys and press [Done].

To release secret group, amend the group attribute into 'General' from Change group names and save.

SKY

If the number of existing groups reaches the number allowed (20), you cannot add new group any more.

If the same group name already exists, there appears a message "The same group exists."

You should enter a password to retrieve the phone number of the secret group. If you make a call using Phonebook or numeric key, the number appears in Call history without name. You cannot retrieve the number with Search by name or Search by number.

When a caller subscribes the Calling Line Identification Presentation service and is saved as the secret group, the number appears in Call history without name.

Change group

You can change the existing group name to the other.

1. Press [Book], and select [Edit group].

Press [UP/DOWN] keys to move to the group to change.

2. Press [Sel].

Amend the group information to change.

To make the group secret, change the group attribute from 'General' to 'Secret' using [Left/Right] keys.

3. Press [Save].

Delete group

You can delete the existing group or group name.

1. Press [Book], and select [Edit group].

Press [UP/DOWN] keys to move to the group to delete.

2. Press [Menu].
3. Press [Delete group].

Select [Left/Right] keys to delete or cancel and press [Sel].

SKY

'Delete name' only deletes the name of the group. Phone numbers (names and phone numbers) of the group remain in <No group> and in the <All names>.

You should enter a password to delete the secret group name.

To change the order of groups on the screen, press "Edit order" or "Sort group" from the [Menu].

Edit Speed dial

You can edit frequently used phone numbers with speed dial.

Add new speed dial

You can add frequently used phone number as speed dial.

1. Press [Book] and select [Edit SpeedDial].

Press [UP/DOWN] keys to move to the address to add new speed dial.

2. Press [Sel].

Press [UP/DOWN] keys to move to the group that includes the name to designate.

3. Press [Sel].

Press [UP/DOWN] keys to move to the name to designate.

4. Press [Sel].

Press [UP/DOWN] keys to move to the phone number to designate, and press [Sel].

SKY

The function is not available without any phone number saved in phonebook.

You cannot make a call with speed dial without password when Phonebook is locked.

Change the existing speed dial

You can change the existing speed dial.

1. Press [Book] and select [Edit SpeedDial].

Press [UP/DOWN] keys to move to the address to designate.

2. Press [Modify].

Press [UP/DOWN] keys to move to the group that includes the name to change.

3. Press [Sel].

Press [UP/DOWN] keys to move to the name to change.

4. Press [Sel].

Press [UP/DOWN] keys to move to the phone number to designate, and press [Sel].

SKY

If there are lots of phone numbers designated as speed dial and you want to find out the required number quickly, press numeric keys 1, 2, 3, 4, and 5 in turns. Then, the Speed dial screen moves to No.10, 20, 30, 40 and 50 in turns. Press the numeric key 0 to go back to No.1.

Delete the existing speed dial

You can delete the speed dial.

1. Press [Book] and select [Edit SpeedDial].

Press [UP/DOWN] keys to move to the address to delete.

2. Press [Sel].

3. Press [Del].

Select [Left/Right] keys to delete or cancel and press [Sel].

SKY

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 speed dial is also deleted.

PIM/Entertainment

Calendar

This displays calendar from Jan, 1996 to Dec, 2015 in both solar and lunar system.

1. Press [Menu], and select [PIM].

2. Press [Calendar/scheduler].

The current month is displayed on the screen.

Retrieve calendar

1. Press [Menu], and select [PIM] and [Calendar/scheduler].

2. Press [Menu].

3. Press [Retrieve calendar].

Enter the year and month to retrieve.

4. Press [OK].

Scheduler

You can conveniently manage the schedule by storing anniversary, special appointment, and schedule.

Add new schedule

1. Press [Menu], and select [PIM] and [Calendar/scheduler] in turn.

2. Press [New schedule].

3. Press (1)[Set time].

For input method, refer to how to activate/select the menu (Refer to pages 15~16).

4. Press [Save].

SKY

You can save up to ten schedules per day.

Set my holiday

1. Press [Menu] and select [PIM], [Calendar/scheduler] and [Menu]. Then, press [Set my holiday].

2. Press [New holiday] and enter the contents.

For text input method, refer to pages 46~49.

3. Press [OK].

4. Press [Save].

Check schedule

1. Press [Menu] and select [PIM], [Calendar/scheduler] and [Menu]. Then press [Schedule list].

Move to the month containing the specific schedule by pressing [Left/Right] keys.

Move to the required date using [Up/Down] keys.

2. Press [OK]

Press [New schedule] to prepare new schedule.

3. Press [OK].

Delete partial schedule

1. Press [Menu] and select [PIM], [Calendar/scheduler] and [Menu]. Then press [Delete partial schedule].

Enter the period and press [OK].

2. Press [Delete].

Use [Left/Right] keys to select Yes or No and press [Sel].

The schedule corresponding to the specified period is deleted.

Alarm

You can set alarm at any time.

Set new alarm

4. Press [Menu], and select [PIM] and [Alarm].

2. Press [New alarm].

Press [Up/Down] to move to the required alarm period.

3. Press [OK] and enter the time for alarm.

For input method, refer to how to activate/select the menu (Refer to pages 15~16).

Enter alarm memo and press [OK].

Refer to page 46, for 'Add an entry'.

4. Press [Save].

You can save up to 16 English letters for alarm memo.

SKY

Alarm period is divided into After 10min, After 20min, After 30min, After 1hour, Specific time, Everyday, Every Week, Every Month.

Between After 10min and, Specific time alarm goes off once at the designated time lapse.

In case of an alarm only once ringing, it is automatically deleted after once ringing.

Press [Menu] on the alarm list to release the alarm, or change the alarm using the edit function.

Up to ten designations are available for alarm.

If the phone is off at the designated time, alarm goes off at switching it on.

If the phone is busy at the designated time, alarm goes off after the call is disconnected.

Set alarm ringer

You can set the type and volume of alarm ringer.

1. Press [Menu], and select [PIM] and [Alarm]. Then, press [Menu].

2. Press [Set alarm ringer].

Press [OK] and then select the type of alarm ringer or adjust the alarm volume using [Up/Down] or [Left/Right] keys.

3. Press [Save].

Calculator

This processes addition, subtraction, multiplication and division.

1. Press [Menu] and select [PIM] and [Calculator].

Use the numeric and calculation code keys to calculate.

2. EX) in case of 9 x 7, enter figure (9), select [X], enter figure (7), and then press (OK).

You may use calculation codes many times. The result should not exceed 12 digits. If it exceeds 12 digits, [Error] message appears and the screen returns to the initial calculator screen.

SKY

Application keys for calculation are as follows.

[+] to add,

[X] to multiply,

[÷] to divide,

[-] to subtract,

[.] to enter decimal point, and

(AC) clears the screen.(ALL CLEAR).

[=] to get the answer and

(CLR) press it to delete a letter, and press and hold it to delete all.

Stopwatch

You can use stopwatch with your phone.

1. Select [Menu], [PIM], and [Stop watch].

2. Press [Start].

The stopwatch begins to operate.

Screen in measuring

3. Press [Stop].

Press [Reset] to go back to the initial mode.

SKY

Press [Save] to record the interim result during operating the stopwatch, and check the records using [View] in the still screen.

Press [Stop] to suspend and press [Continue] to measure again.

Stopwatch is cancelled when a call is incoming.

You can save up to 20 stopwatch records.

World time

You can know the present time of various countries in the world.

1. Press [Menu], and select [PIM] and [World Time].

Press [Up/Down] keys to move to the required city in alphabetic order.

If [Left/Right] is pressed, the cursor moves to the near of city that is indicated by the world map. The world 40 city names are displayed excluding Seoul.

SKY

A user sets DST (Daylight Saving Time) period for each different city. After it is set, the time displayed will reflect the summer time.

The time gap is one between Seoul and other cities.

41 city names recorded on the World time are as follows.

My memo

You can make / save up to 10 memos anytime and anywhere using my memo.

New memo

1. Press [Menu], and select [PIM] and [My Memo].
2. Press [New memo] and enter required memo.

For input method, refer to 'Adding an entry' (Refer to page 46).

3. Press [OK].

Check/Edit memo

1. Press [Menu], and select [PIM] and [My Memo].

Move to the memo to edit using [Up/Down] keys.

To delete memo, press [Delete] on the above screen, and press [OK].

2. Press [OK].
3. Press [Edit].

If the entry mode is activated, delete contents with [ ] key, and enter memo.

SKY

You can make/save up to 10 memos, and up to 64 English letters for each memo.

If ten memos are full, the message "Cannot save any more" is displayed.

Game

You can enjoy various games in your mobile phone screen.

1. Press [Menu] and select [Game]

Press [UP/DOWN] keys to select a game.

2. Press [Sel].

SKY

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 [Up/Down] to select stage. (The stage is different for each game.)
6. Press [OK!START] to start the game.
7. If [Delete/cancel] key is pressed, whether the game exits is asked.

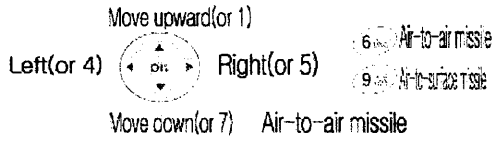
Press delete/cancel key to cancel the game previously set, or press any other key to continue the game.

Game Manual

1. Apache

***Apache helicopter can bear 5 missiles or the clashes against enemy helicopters.**

It crashes at the sixth shot or crash.



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

2. Baby raccoon

***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.**

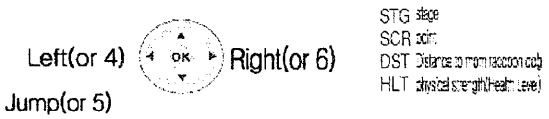
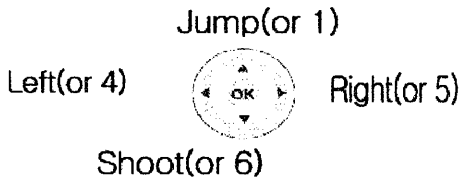


Image	Description	Image	Description
	Apple(+1 point)		Decreased physical strength

3. Mars Scouter

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



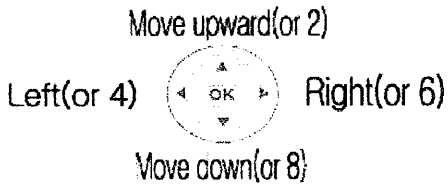
4. Tritris

*** Tritris is a miniature Tetris but with more fun.**

Block	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.

5. Puzzle

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



*** In volume of set call alert, the game volume can be adjusted.**

Convenient features

Auto answering

You can record the message of the caller according to the announcement previously set when you cannot answer the call.

Set auto answering

1.Press and hold [OK] key while the slide is opened.

Every short pressing of the Auto answering key in the open status of the slide displays General→On driving→On meeting→On class→User voice, and you can select a desired item.

Auto answering operation

1. On incoming call, the bell rings for the designated number of times, and auto answering voice announcement is transmitted.
   You can select one of the two announcements, announcer's voice (general, driving and meeting) and user's voice.
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 slide to display the auto answering mode.

Check Message

1. Open the slide, and press [Record/Play] key on the side of the phone.
2.Press [Play] to check the recorded message.

Refer to how to use Play Function of Recording for more details.

Release Auto answering

1. Press and hold [OK] key in the auto answering mode.

Auto answering is released and the phone returns to standby mode

SKY

-You can answer the call during the recording by pressing (SEND) key and can finish the call by pressing (END) key. The message recorded before you answer is automatically saved.

-You can switch the phone to auto answering mode by pressing and holding [OK] key when a call is incoming at normal standby mode.

Voice Recorder

You can record/play/delete contents of the call or other contents in standby mode or during the call.

Record

1.Open the slide and press [Record/Play][Record] on the side of the phone.

2.Press [Record] to start recording.

Pressing [OK][Save] makes the recordings saved. Pressing and holding [Record/Play] can also execute the recording.

When [Record/Play] is pressed during the recording, recording stops and the recordings are saved.

SKY

-You can record the contents of the call during the call by pressing and holding [Record] button. Play / Delete is disabled during the call.

-When the call is disconnected during recording the contents of the call, the recording automatically stops and the recorded contents are saved.

-When a call is received during the recording, the recording automatically stops and the recorded contents are saved. At this time, the alert type changes into vibration.

-When you press [Record] again after using the maximum recording time (4 minutes), the screen displays the message, "No space for recording!", and then gets back to the recording information screen.

-You can record up to 20 messages. (When 20 messages are recorded, you can record no more messages regardless of remained recording time.)

Play

1.Open the slide, and press [Record/Play][Record] on the side of the phone.

Press [Menu] to delete a message, delete all messages, or continuously play the recorded messages.

2.Press [Play].

Press [Up/Down] to select the recorded message you want, and press [Play] to play it.

After the play is finished, the LCD returns to the recorded message screen.

SKY

-Press [Scroll] on the Record/Play Screen to select and play the recordings.

-When you receive a call during playing, the Play mode ends. Press any key to receive a call. At this time, alert type is changed into vibration mode.

- When you press [Menu] on the No.1 screen and press [Continuous Play], all recordings are consecutively played.

Delete

1.Open the slide, and press [Record/Play][Record] on the side of the phone.

Shift to the recording to delete using [Up/Down] key.

2.Menu

3.Delete

Press [Left/Right] to select Yes or No depending on whether to delete or not, and press [Sel].

Sky

Press [Delete All] to delete all the saved recording lists.

During playing the recordings, you can also move to the item to delete and press [Delete].

Earphone Mic (accessory)

Earphone Mic is an optional item, which is not included to the basic supply. You should purchase it separately.

Use E/M-200 for SK-5100. If you use E/M-100, the button on the mike will not operate.

1. Insert earphone Mic to the Earphone Mic jack from the top of the mobile phone.
2. Put the earphone into your ear. Mic is then automatically placed to your mouth.
3. You can hear and talk with earphone Mic instead of mobile phone speaker and Mic.
4. Press and hold the Mic switch. The switch is operated [Call] function when a call is received, as (SEND) function to make a call at the standby mode, as (End) function during the call.

Sky

While the earphone Mic is connected to the mobile phone, the call is not disconnected even when you close the slide during a call.

Press and hold the button on the mike at standby mode to make a call to the last called number.

Press and hold the button on the mike to end the call.

Message Function

Text Message

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

1. Press [SMS], and select (1) [In Msg] and (1) [Text Message] in turn.
Press [Scroll] to move to the message you want.
indicates the text message already read and indicates new message not read.
Press [Delete] to delete the selected message.

Delete/Protect all text messages.

1. Press [Menu] on the above screen.
2. To delete the selected message, select [Delete a Message] and to delete all received messages, select [Delete All Messages].
3. Shift to the item to delete using [Right/Left] keys and press [OK][Sel].
4. Press [Set Msg Protection] to protect the selected messages. You can continue to save these messages even if new text message is received.
   Press [Menu] and [Release Msg Protection] in protected state to release the message protection mode.

2. [Select]
Press [Reply] to check the message and immediately reply to it, or [Forward] to deliver the received message to the 3rd party.

SKY

If you select 1 Text Message when there is no incoming text message, a message "No Text Message" will be displayed and returns to Inbox screen.
Up to 30 text messages can be received and for more than 30, the new one is saved by deleting the oldest one.
The message types, General, Express, and Urgent refer to the importance of messages and have nothing to do with transmission speed.
SMS Alert depends on whether you set alarm for incoming message or not.

Voice Message

You can check the voice message of the caller via VMS.

1. Press [SMS], and select (1) [In Msg] and (2) [Voice Msg] in turn.

If the call back number is not left, VMS number (* 89) is automatically displayed.

Press [Delete] to delete the selected messages.

*** Delete All Voice Messages**

1. Press [Menu] on above screen.
2. To delete the selected message, select [Delete a Message] and to delete all received voice messages, select [Delete All Messages].
3. Shift to the item to delete using [Right/Left] keys and press [OK][Sel].

Press [Send] on the above screen to automatically connect to the call back number.

2. Press [VMS].

You can check the voice mail at VMS.

Press [Send] to call back to the caller, if the caller has left his/her phone number.

Sky

If you select 2 Voice Message when there is no incoming voice message, a message "No Voice Message" will be displayed and returns to Inbox screen.

You can save up to 10 text messages, and for more than 10, the new message is received by deleting the oldest one.

My Bell Message

You can save the received bell in My bell.

1. Press [SMS], and select (1) [In Msg] and (3) [My bell Message] in turn.

Press [Delete] to delete my bell.

2. Press [Save].

Enter the bell name you want using key and numeric keys.

Press [Left/Right] to select whether to set the bell as ringer and press [Sel].

3. Press [Save].

Sky

You can use the received my bell as my own bell.

You can receive up to 10 my bell messages. If exceeded, the my bell messages are erased

sequentially from the initially received one and a new my bell message is received.
You can flexibly save various contents including multimedia, wizard, picture, photo, melody and photo mail within the maximum memory size.

Create New Message

You can create a new message.

1. Press [SMS], (2) [Out Msg] and [Create New Message] in turn, and select Msg Type.
Press [Input] to enter message and press [OK].
Press [Left/Right] to select the message type.
2. Enter the phone number for return call, and the phone number to send message to.
3. Press [Send].

Sky

Broadcast
- You can send the message up to 20 users simultaneously.
- If you want to send the message to the users in one group simultaneously, press [Menu], 3 [Find Phonebook] in the screen of No. 2 and [NATE] add the group.
But, only mobile phone number is entered in the group. If mobile phone number is over 2, the first number will be saved in the phonebook.

In [Menu], 'Save Sentences", "Retrieve Sentences" and "Save Message" will be activated in Message Contents Screen.
The message types, General, Express and Urgent refer to the importance of messages and have nothing to do with transmission speed.
If you send a message without entering text in the message screen, a message "Call back later" will be displayed in the mobile phone of the other party.
To erase all phone numbers entered in Phonebook, press 8.[Delete All Numbers] of [Menu].

Save Sentences

You can save the frequently used sentences in the Sentences.
You can save or open the message in the message input screen.

1. Press [SMS], and select (2) [Out Msg] and [Create New Message] in turn.
In Message Input Screen
2. Press [Menu].
3. Press [Save Sentences].

Retrieve Sentence

You can open the sentence saved n the Sentences.

1. Press [SMS], and select (2) [Out Msg] and [Create New Message] in turn.
In Message Input Screen,
2. Press [Menu] and [Retrieve Sentence].
3. Press [Paste].

Search Phonebook

You can easily enter the phone number using Search if the phone number of the receive is saved in the phonebook

1. Press [SMS], and select (2) [Out Msg], [Create New Message] and [Menu] in turn.
Press [Menu] with the cursor positioned on the phone number of the other party.
2. Press [Search Phonebook] and [Select]. (Ex. When selecting family)
Press [Up/down] to select the phone number of the other party, and press [Select].
Refer to pages 51~ 53, for Search Phonebook.
3.[ok][Sel]
Select the number to insert, and press [ok][Sel].

Search by Incoming call history

1. Press [SMS], and select (2) [Out Msg], [Create New Message], [Menu] and [Search by Incoming call history] in turn.
Press [Menu] with the cursor positioned on the phone number of the other party, and press [Up/Down] to select the related item and press [Sel].
2. Press [To]

Search by outgoing call history is the same.

Save Message

You can save the composed message in Outbox.

1. Press [SMS], and select (2) [Out Msg], [Create New Message], [Menu] and [Save Message] in turn.
If you save the message without any text entered, it is saved as [No Text] in Send Massage Box

Delete All Phone Numbers

You can delete all phone numbers in the message input screen.

1.Press [SMS], and select (2) [Out Msg], [Create New Message], [Menu] and [Delete All Phone Numbers] in turn.

All the phone numbers you entered in the number of the other party in the phonebook will be deleted.

Sky

The Menu is activated depending on the position of cursor.

Outbox

You can save the messages you saved before sending or if you failed to send.

Message that cannot be sent during broadcasting will be separately saved.

Edit old message

1. Press [Message] and (2)[Outbox] and (2)[OutMessageBox]

Press [Up/Down] to move to the message you want to edit.

2. Press [Select] and edit the contents.

Edit the contents using the numeric key and Enter key, and press [OK].

Delete Old Messages

1. Press [Message] and (2)[Outbox] and (2)[OutMessageBox]

Shift to the message to delete using [Up/Down] keys.

2. Press [Menu] and [Delete]

Press [ok] to delete the message.

SKY

Press [Delete All Messages] to delete all messages in OutMessageBox.

Sent Message

You can automatically save up to 30 messages you have successfully sent.

1. Press [SMS], and select (2) [Out Msg] and [Sent Message] in turn.

Press [Up/Down] to move to the message you want.

2. Press [Select].

If you want to edit and send the sent messages again, edit the message pressing New Message and enter your phone number and the phone number of the other party. Then, press [Send].

Sentences

You can save the frequently used sentence in the Sentences and open the message later.

1. Press [SMS], and select (2) [Out Msg], and [Sentences] in turn.
Shift to the desired item using [Up/Down] keys.
Press [New Sentence] to make/save new message.
2. Press [Select].
Press [Compose] to edit and send the message.
Refer to page 145, for New Message.

Sky

Press [Menu] on No.1 screen to delete the saved sentences.
Press [Delete Sentence] to delete the selected sentence only, and [Delete All Sentences] to delete all the sentences saved.
Press [Left/Right] to select whether to delete the message, and press [Sel].

SMS Alert

You can select bell or lamp that indicates the message is received.

1. Press [SMS] and (3)[SMS Alert], and set the alert.
Press [Select] to select the message you want using [Up/Down].
2. Press [Select] and [Up/Down]
You can set the alert bell to No Alert, Alert once and Every 2 minutes.
3. Press [Select] twice and [Up/Down]
Type of Alert bell: Total eight types
4. Press [Select] and [Left/Right]
Size of Alerts
Adjust the size of alert pressing [Left/Right]
You can set it also in Volume of Set Call Alert (Refer to page 183).
5. Press [Select]
Alert during Call
Select whether to alert when you receive a message during call.
Press [Set/Release] to set or release the alarm during call.
6. Press [Save].

SKY

SMS alert

No Alert: The LCD blinks when a message is received.

Alert once: The LCD blinks twice and bell goes off for several seconds when a message is received.

Every 2 minutes: The LCD blinks and bell goes off twice when message is received, and at every two minutes when there is a new message received.

Delete All Messages

You can delete all messages.

1. Press [SMS] and (4)Delete All].

The password is set as 0000 by default

2. Enter password.

Press [Up/Down] to move to the message to delete.

3. Press [Select].

(Ex. When deleting all saved sentences)

Press [Left/Right] to select whether to delete and press [Sel].

E-mail

You can check or send the e-mail using your mail account.

Account Management

1. Press [SMS] and [E-mail].

2. Select [Account Management], and enter User ID and password.

Enter the mail server to send, the mail server to receive and enter closing comment, and press [OK].

The recommended mail server to send is nate.com.

3. Press [Save].

Sky

You can check the entered characters for the initial 1 second after entering the password and will be changed to * in 1 second.

Mail may not be sent depending on which service provider you use. At this time, set the mail server to send as nate.com

Register the account management first to send and receive the letter.

You can receive email only when the mail server does not use security setting.

Refer to your PC communication service provider for e-mail address of PC communication.

New Mail

You can compose an e-mail to send.

1. Press [SMS], and select [E-mail] and [New Mail] in turn.

Press [Menu] and [Search Address] to use the address you saved.

2. Enter the address of other party, title and text of mail, and press [OK]

Refer to New Message for entering the text of mail .

3. Press [Send].

Save Mail

You can save the composed mail in the Outbox.

1. Press [SMS], and select [E-mail], [New Mail] and [Menu] in turn.
2. Press [Save Message].

If you save without entering the title of mail, it will be saved in Outbox as "No Title".

Search Address of the Other Party

You can search the e-mail address you saved.

1. Press [SMS], and select [E-mail], [New Mail], [Menu] and [Search Address of the Other Party] in turn.
2. Press [Select].

Press [Up/Down] to move to the address you want.

3. Press [Select] and [Select].

Inbox

Receive New Message

You can receive the new letters.

1. Press [SMS], [E-mail] and [Inbox] in turn.
2. Press [Menu], [Receive New Mail], and [Select] in turn.

You can check the mail using [Up/Down].

Press [Reply] on one of the above two screens to reply to the mail.

Sky

You should register account management first to receive and send mail.

Receive New Mail: You can save up to 20 mails, and for more than 20, the new one is saved by deleting the oldest one. The number of acceptable letter may differ depending on the mail capacity.

Receive All Mails

1.Press [SMS], [E-mail] and [Inbox] in turn.

Press [Menu] on the above screen to delete the received mail. Press [Delete Mail] to delete the

selected mail, and [Delete All] to delete all mails. Press [Left/Right] to select whether to delete or not.

2.Press [Menu] and [Receive All].

Press [Up/Down] to move to the list to check

3.Press [Select]

Press [Up/Down] to move to the list to check

SKY

You should register the account management to send and receive the mails.

You can receive up to 20 mails, from the oldest one to the latest one.

You can send answer mail back by pressing [Answer].

Answer function

You can send the answer mail back immediately after verifying the content of mail in Inbox.

1.Press [NATE][Answer] and Enter the title.

Press [Select] to enter the title and message, and select [Finish].

Refer to Text Entry.

2. Enter the content of mail and [Finish]

For [Menu]

3. [NATE][SEND]

Outbox

You can edit and send the mail

1.Press [SMS], [E-mail] and [Out Msg] in turn.

Press [Send] to send the selected Message.

2.Press [Edit], and enter the address of other party, title of mail and text.

Edit the content using numeric keys and [Delete/Cancel] keys and then, press [Select].

3.Press [OK] and [Send].

Press [Send] to send the mail.

SKY

You can enter the ID of other party if you want to send a mail to the other party who uses the same mail server as the mail server to send. Ex) You can enter only 'sky' instead of sky@netsgo.com.

You can save up to 20 mails in Outbox, and for more than 20 mails, the new one is saved by deleting the oldest one.

Data Communication Service Function

NATE

Access to NATE

1.Press [NATE].

You can check the user file information by pressing [Menu] in the above screen.

2.Press [Access to NATE].

NATE Initial Screen

Press and hold NATE button at any screen while searching website to move to the NATE initial screen. Initial screen and service are subject to change due to development of better service and technology by business operator.

Press and hold [] to access to NATE.

Press End button to disconnect NATE service.

Contact SK Telecom Customer Center at 114 without area code, using your mobile phone for more information about how to use NATE service.

Browser Menu

You can use this menu while searching information in NATE.

1. Press [NATE] and [Access to NATE].

Access to the NATE initial screen.

This Initial screen is subject to change due to development of better service and technology by business operator.

2. Press [Menu].

Press [Move] to select the item you want.

Sky

Favorite

You can display the added favorite list using Add Favorite.

You can directly move to the site registered in Favorite, edit or delete Favorite

Add Favorite

You can add your favorite Website to Favorite.

Press (2) [Add to Favorite] to the site you searched to the Favorite.
You can add the site also by pressing [Menu] at the item you want. You can edit the title of Favorite item.

Refresh

You can retrieve information recently updated.

Open new URL

To connect the site other than the ones provided in NATE, you should enter the Internet address, URL (Uniform Resource Locator).

Please note that some sites prepared with HTML rather than WMAL may not be properly displayed.

Phone function

You can use Phonebook function while connecting to NATE.
You can check the number but cannot create new message, send e-mail or make a call while connected to NATE

NATE Use Time

You can check NATE use time.

<Last call time>
1. Press [Menu], (5) [Call Timer] and (1) [Last Call Time] in turn.
Use it to check the last NATE time.

<Total call time>
1.Press [Menu], (5) [Call Timer] and (2) [Total Call] in turn.
You can check the time you have used NATE from the latest reset till now.

<Lifetime Call>
1.Press [Menu], (5) [Call Timer] and (3) [Lifetime Call] in turn.
Use it to check the All time of the using NATE.

Sky

Last call time: you can check the time you used NATE recently.
Total call time: You can check how many hours you have used NATE up to now since you initialized.
You can initialize this.
1. Press [Menu].
2. Press (3)[NATE Initialize] + [Left/Right] keys to select [Yes/No].

Lifetime Call: You can check the total time of using up to now since you purchased this.
Record will be deleted when you initialize the system

Magician service

You can download the various multimedia contents from the NATE to enjoy fully the services of NATE at anytime in anywhere.

What is Magician?

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 NATE service of SK Telecom. Such contents can be played right away after downloading them from the NATE 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 and hold [NATE] key. and (3)[Game/Play On]
Select the contents using (UP/DOWN) keys, and press (OK).

SKY

The contents of NATE service are subject to change due to development of better service and technology by business operator
Contents are saved to the portable terminal and played automatically. The time consumed to download is approximately 30~60 seconds.
You can flexibly save various contents including multimedia, wizard, picture, photo, melody and photo mail within the maximum memory size.

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, Magician service fee is not imposed.

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 mobile Hurricane game)

1. Press the menu [NATE].

2. Press [Magician game].

3. Press [OK] to execute game.

Multimedia box

You can save the multimedia contents you downloaded from NATE

How to Access

1. Press and hold [NATE] key. and (3)[Game/PlayOn] and (1)[PlayOn(m)]

2. Press (1)[Motion-picture]

3.Move to the contents you want using [Up/down] to download and save the contents.

The contents of NATE service are subject to change due to development of better service and technology by operator.

You can flexibly save various contents including multimedia, wizard, picture, photo, melody and photo mail within the maximum memory size.

Execution Method

1.Press the menu [NATE].

2.Press [Multimedia box].

You can check, delete or arrange the registration information of the contents by pressing [Menu].

3.Press [Select] to execute the multimedia contents.

Character Bell

You can execute the designated bell sound and animation if you receive a call from the designated caller by downloading the Character Bell from NATE

Connect the Character Bell of NATE, enter the title and number of Character Bell. Download the contents to save it in the phone and execute the Character Bell when you receive a call from the designated number

How to Access

1. Press and hold [NATE] key. and (4)[Music/Picture/Photo] and (9)[Character Bell]

Shift to a desired content using [Up/Down] keys and select the content to be downloaded by pressing [OK].

2. Select the Character Bell moving to the contents you want to download it.

SKY

The contents of NATE service are subject to change due to development of better service and technology by operator.

You can flexibly save various contents including multimedia, wizard, picture, photo, melody and photo mail within the maximum memory size.

Downloaded Character Bell contents will be saved in [Character Bell] of [NATE].

Edit Character Bell

Downloaded Character Bell is saved in the memory of phone and executed. Do the following to edit the designated Character Bell.

1.Press [NATE] and [Character Bell].

Set Character Bell

You can set the designate the number you want by using the bell sounds and animation saved in the phone without downloading the Character Bell from NATE.

1.Press [Set] in the above screen.

2.Enter the title of Character Bell, select types of bell and types of animation using [Left/Right]. Enter the number and save it.

Release Character Bell

Press [Release Character Bell] of [Menu] in the above screen to release only the selected Character Bell, and [Release All Character Bell] to release all Character Bells.

To delete the bell and picture from my own bell management and my own picture management, you should release Character Bell first.

1.Press [Menu] and [Edit Character Bell] to edit the contents.

Move to the item you want using [Up/Down], and use [Left/Right] and [ ] key to edit and save it.

2.Press [Save].

New NATE Mail

Create new NATE mail before connecting to NATE to promptly send the mail upon connection to NATE.

1.Press [NATE] and [New NATE Mail], and enter the message.

2.Press [ok][Finish] and [NATE][Save]

3.Connect to NATE to open the message you composed.

Up to 84 English characters can be saved in text input mode.

Set NATE Environment

1.Press [NATE], [Set NATE Environment].

The password is set as 0000 by default.

Press [Initialize] to return the font size, proxy address and initial URL to default setting.

Press [Yes] or [No] to select whether to initialize.

SKY

Proxy Address: Gateway address of NATE

Initial URL: Set URL as the first visiting site upon connection to NATE

This function is to set the environment for using NATE Service. Do not edit this without separate notification of operator.

Data service

Set Data Communication

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

Refer to the homepage of SK Teletech(www.sksky.com) for information on how to use data service.

1. Press [Menu]
2. Press (8)[Data Communication]
3. Press (1) [Set Data Communication] and [Select] in turn, and select receiving mode.

Press [Scroll] to confirm.

Receiving mode: Set the receiving mode of the phone when you connect the PC with the mobile phone through a data manager cable or (IrDA).

4.Set Internet speed – Press [Scroll], and press [OK] after moving to the item you want using [Up/Down] keys.

Internet speed: Set the speed when using Ethernet.

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

Press[Up/Down] to select the item, and press (OK).

Baud rate with PC: Set the interface rate between PC and mobile phone.

6. Press [Save].

Sky

Set receiving mode

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

- In case of 017 service, this function will be available upon the service support of the operator.

Set Internet speed

You can use high speed wireless data communication of up to 153 Kbps with CDMA 2000 1X support.

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. You need to set "Communication with PC" in IrDA menu and is disconnected if you do not use PC and phone for more than 10 minutes.

If there is no data receiving and transmitting for 4 minutes and 15 seconds during high-speed packet data service, using data cable, ICON(dormant) will be displayed on the upper part of LCD. Fee is not charged while the icon is displayed.

Baud rate with PC

The maximum speed in desktop/notebook is 115,200bps and you should insert I/D card or PCMCIA Card in the desktop/notebook that supports high speed communication in order to set the communication speed with PC as 230, 400 bps.

It supports up to 64 kbps for communication speed with PC when using IrDA.

The recommended speed for using fax data service is 19,2000 bps.

Refer to the homepage(www.sksky.com: how to operate wireless data) for more details.

Air Data Manager

If a cable or IrDA communication is not available, you can use the data manager through a Modem or IP address of PC.

1. Press [Menu] and (8)[Data Communication] and (2)[Air Data Manager]
   Shift to a desired item using [Up/Down] keys.
2. Press [Select](e.g.- 1. in case of selecting Sending using a modem)
   After entering the modem number and pressing [OK], it will make a call using a PC and modem screen will be displayed.
   (e.g.- 2. in case of selecting Receiving using a modem)
   Change into a mode that enables Air data manager receiving, and receive a call from the PC wire modem.
   (e.g.-3. in case of selecting IP address for the connection)

When entering the IP address and pressing [.], you can enter directly '.'.

After entering the authorized IP address and pressing [OK], a screen showing the connection to the PC is displayed.

SKY

The regular phone call cannot be received in a receiving mode using Air data manager modem. A user must cancel the receiving mode by pressing [Cancel] after finishing.

The direction for Air data manager when connected using a modem or through IP address is the same as using the data manager cable.

IrDA Communication

You can perform wireless data communication with PC using IrDA function or use data manager.

Communication with SKY

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

1. Press [Menu]
2. Press (9)[IrDa]
3. Press (1)[Communication with SKY]

Shift to a desired item using [Up/Down] keys.

Receiving mode

You can set the Receiving mode to receive the data of the other party's phone (My Bell/My Picture/Phonebook)

1. Press [Menu], and select [IrDA], [Communication with SKY] and [Receiving mode] in turn.

Press [Cancel] to cancel the receiving.

Sky

A message indicating 'Memory is not sufficient' will be displayed when the memory of phone is full during receiving.

You can use this function only with SKY phones with IrDA functions.

Set IrDA communication port of two mobile phones in the distance of 10 cm and degree of 30 to exchange the information.

Send My Bell

You can send the melody information you have saved as my bell to the phone of the other party.

1. Press [Menu], and select [IrDA], [Communication with SKY], and [Send My Bell] in turn.

Move to the item you want using [Up/Down] and press [Send] to send it to the phone of the other party.

Send My Animation

You can send the animation information you have saved to display when the folder is open, when you receive a call, when you turn on or off the power and when you start NATE to the phone of the other party.

1. Press [Menu], and select [IrDA], [Communication with SKY] and [Send My Animation].
Move to the item you want using [Up/Down] and press [Send] to send it to the phone of the other party.

Send My Phonebook

You can send the phonebook information to the phone of the other party.

1.Press [Menu], and select [IrDA], [Communication with SKY] and [Send Phonebook].
Move to the item you want using [Up/Down] and press [Send] to send it to the phone of the other party.

Sky

All: send all phonebooks
By group; you can select and send the phonebook by group
By name; you can select and send the phonebook by name
Hot Key; You can send the designated hot key
My Information: You can send my information
If there is the same name in the phonebook, a screen will be displayed to ask you whether to overwrite. At this time, press [Yes to All] to overwrite all information without displaying prompt again.

If the phonebook is transmitted from SK-5100 to other SKY mode that cannot save two or more same phone numbers and the phonebook includes two or more same phone numbers per person, only one out of two or more same phone numbers is received. For instance, even though a user sends five phone numbers saved to K.D.Hong in SK-5100 to SK-3000, only one out of five is received to SK-3000.

Communication with PC

You can perform wireless data communication with PC or use data manager using IrDA function.

1.Press [Menu], [IrDA], and [Communication with PC] in turn.
Press [Up/Down] to move to the item you want.
2.Press [OK].
It returns to Logo and [] Icon will be displayed.
Set IrDA communication port of two mobile phones in the distance of 10 cm and degree of 30 to exchange the information.

Sky

If you do not operate it for over 10 minutes after setting it On, it will be automatically converted to OFF status.

The maximum communication speed with PC is up to 64 Kbps when using IrDA.

Set the Function of IrDA Communication at PC

Since IrDA function is embedded in SK-5100, you can use data manager, data service with PC with IrDA communication without separate communication cable.

1.Set PC (After installing IrDA communication program)

Select Start -> Setting > Control Panel and double-click the IrDA icon in control panel window.

Select the communication port in the environment setting of data manager and hyper terminal to Virtual IrDA COM port"(or port COM 3 and COM 4 connected to IrDA port)

2.You can use IrDa port instead of communication cable after finishing the PC setting.

3.Refer to homepage for detailed function of data service and data manager (www.sksky.com)

Refer to the user's manual of PC for details.

Set Menu

Set Call Alert

You can set/release bells, volumes and alarms related to phone.

Select Ringer/Vibrate

You can set various types of ringer or vibration whatever you want.

1. Press [Menu] and press (2) [Set Call Alert].
2. Press (1) [Ringer/Vibrate], and set the type of bell.

Press [Sel], and press [UP/DOWN] keys or [Left/Right] keys to select the ringer type.

Press [Left/Right] to adjust the volume and then, press [Sel].

You can set various types of ringer or vibration even in the Volume.

Press [Sel], and then press [Scroll] to select Ringer/Vibrate.

In Etiquette mode, the phone operates in vibration mode although you selected bell mode.

Press [Sel], and then press [Scroll] to select Ring Time.

If you set bell ringer duration, the bell goes off for the time period and then only the LCD lamp blinks.

The phone operates in vibration mode when you set Etiquette mode or vibration mode.

3.Press [Save].

Sky

Type of bell

- The type of bell is divided into basic bells, a children's song, event songs, folk songs, classic 1, classic 2, effect tone, and my bell.
- The type of bell consists of about 50 types.
- You can flexibly save various contents including multimedia, wizard, picture, photo, melody and photo mail within the maximum memory size.

You can download my own bells from my bell service of NATE

Group Ring

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

1. Press [Menu], and select (2) [Set Call Alert] and (2) [Set Group Ring] in turn.
2. Press [Select]
3. Press [Up/Down] keys and [Left/Right] keys.
   Select the group using (UP/DOWN) keys and press (OK). Select it in the same way.
4. Press [Save].

Sky

If you select [No Group Ring], it will ring the existing melody selected in Set Ring Type.

This service is available when you have registered the Calling Identity Delivery service.

Manage My Ringer

You can designate the designated ring as your ring and manage the ring including change of designated ring, file information and delete

1. Press [Menu] and (2)[Set Ring] and (3)[Manage My Ringer]

The file size of the selected ring will be displayed.

Delete Ring/All Rings/

You can delete the selected ring or all rings set as my ring.

1. Press [Menu], and select (2) [Set Call Alert] and (3) [Manage My Ring] in turn.

The file size of the selected ring will be displayed.

2. Press [Menu] and [Delete All Rings].

Press [Delete] to delete the selected bell.

Select [OK] to delete all my rings.

_ mans Character bell. The ring designated as Character bell cannot be deleted without releasing Character bell.

Set to My Ring

1. Press [Menu], and select (2) [Set Call Alert] and (3) [Manage My Ring] in turn.

The file size of the selected ring will be displayed.

2. Press [Menu] and select [Set to My Ring].

(icon) means Character bell. The ring designated as Character bell cannot be deleted without releasing Character bell.

Rename File

1. Press [Menu], and select (2) [Set Call Alert] and (3) [Manage My Ring], and [Menu] and [Rename File] in turn.

2. Press [End].

(icon) means Character bell. The ring designated as Character bell cannot be deleted without releasing Character bell.

User File Information

1.Press [Menu], and select (2) [Set Call Alert], (3) [Manage My Ring], [Menu] and [User File Information] in turn.
You can check the user file information

Sky

You can flexibly save up to 280 KB contents regardless of their types (melody, picture, magician and multimedia).

Set volume

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

1. Press (LEFT) [Menu], and select (2) [Set Call Alert] and [Set Volume] in turn.
Press [Left/Right] to adjust the volume.
Press [Up/Down] to move to the next item.
2. Press [Save].

Sky

Type of volumes

Call volume: Volume of the voice from the receiver during call.
Key tone Volume: Volume of key tone when key is pressed.
Ring Volume: Volume of Ring when a call is received.
Alarm Bell Volume: Volume of alarm when you designate the alarm.
Message: Volume of alarm that goes off when a message is received.
Game volume : Volume of the game when game contents are executed.
Wizard volume: Volume of wizard when wizard contents are executed.
Multimedia Volume: Volume of the multimedia when the multimedia is executed.

Set alert

You can set/release various alarm alerts.

1. Press (LEFT) [Menu], and select (2) [Set Call Alert] and [Set Alarm] in turn.
Press [On/Off] to set/release alarm.
2. Press [Save].

* 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.

Battery Discharge Alert: This alert is to notify that the batter needs to be charged.

Dialog box effect alert: This alert goes off when the message box is displayed.

Set Screen

Set Logo

1.Press [MENU], and select [Set Screen] and [Set Logo] in turn.

Press [Preview] to check the picture to be displayed in advance.

2.Set Picture

Press [Select], and then press [Up/Down] to select the item.

3.Select Clock/Calendar

Press [Select], and then select the clock/calendar.

If you select No Clock/Calendar, date and time are not displayed in the Logo.

4.Name of Phone

Enter the text to be displayed on the Logo. The name of phone is available up to Korean eight digits.

Refer to Text Entry.

Press [ok][Select] to set/release the entry.

5.Help Line

Select the Help Line display status on the Logo.

6.Press [Save].

SKY

You can download various animation screens from data manager (refer to page 213) or NATE beside the logo screen by default, and save them in My Picture.

Select [No Picture] not to set the picture.

If you set the moving animation to be displayed when the folder is open, the battery standby time is shortened.

Type of clock/calendar

- If you select 1 No Clock, a clock is not displayed on the Logo.
- If you display <Analog Clock> of Set Clock and <Calendar> on the Logo, you cannot set the picture.
- If the Logo is designated to <Large Clock>,<Analog Clock 1,2,><Calendar> and you download a picture from NATE in normal screen status, the Logo is automatically set to <Small Clock>.

Set Picture

You can set/release the animation to be displayed when you receive a call, turn on and off power and start NATE.

1.Press [MENU], and select [Set Screen] and [Set Picture] in turn.
2.Press [Select].
3.Press [Up/Down] keys and [Up/Down] keys.
Press [Sel] on the picture you want to move to the next item. After this, you can choose the items in the same way.
4.Press [Save].

Sky

Picture Contents include [Basic Picture], [My Picture], and [No Picture].
There is no [No Picture] content to be displayed when starting NATE.

Manage My Picture

You can manage the designated picture including Rename File, user file information and delete picture.

1. Press [Menu], and select (3) [Set Screen] and (3) [Manage My Picture] in turn.
The file size of the selected picture will be displayed.
Press [Preview] to view the picture saved in the file.

__ means the picture set as character bell.

Delete Picture

You can delete the selected pictures or all pictures set as my picture.

1. Press [Menu], and select (3) [Set Call Alert] and (3) [Manage My Picture] in turn.
Press [OK][Preview] to view the picture saved in the file.
The file size of the selected bell will be displayed.
2. Press [Menu]
To delete all pictures set as my picture, press 2.[Delete All Pictures].
3.Press (1)[Delete Picture] and [ok][Select]
(icon) mans the picture designated as Character bell. The picture designated as Character bell cannot be deleted without releasing Character bell.

Set Picture

1. Press [Menu], and select (3) [Set Screen] and (3) [Manage My Picture] in turn.

The file size of the selected picture will be displayed.

Press [Preview] to view the picture saved in the file.

2. Press [Menu] and select [Set Picture].

You can set it also in Set Picture.

3. Press [As Logo].

[Ex: If you select "As Logo"]

(icon) means the picture set as character bell.

Rename File

1. Press [Menu], and select (3) [Set Screen], (3) [Manage My Picture], [Menu] and [Rename File] in turn.

Enter the name of file to change. Refer to pages 46~ 49, for Adding an entry.

2. Press [OK].

User File Information

1. Press [Menu], and select (3) [Set Screen], (3) [Manage My Picture], [Menu] and [User File Information] in turn.

Press [OK][Preview] to view the picture saved in the file.

You can check the user file information.

Sky

You can flexibly save various contents including multimedia, wizard, picture, photo, melody and photo mail within the maximum memory size.

Adjust Screen Contrast

1.Press [Menu], and select (3) [Set Screen] and (4) [Adjust Screen Contrast] in turn.

Press [Left/Right] keys to adjust the screen contrast.

Press [Up/Down] keys to move to the next item.

2.Press [Save].

Set Backlight

1.Press [Menu], and select (3) [Set Screen] and (5) [Set Backlight] in turn.

2. Press [Select].

If set to [Always Auto BL] and [Set Period], the calling time/queue time may be reduced.

3.Press [Select].

(e.g.-3. in case of [Set Period])

Enter the time of auto backlight using [Up/Down] keys, [Left/Right] keys, [AM/PM] and numeric key.

4.Press [Save].

Sky

Auto BL: The lamp is on for 10 seconds when you open the slide or when a call is received or press the keys.

Always Auto BL: The lamp is always automatically on when you open the slide.

Set Period: The lamp is on for 10 seconds when you press the keys during a specified period. It is off during an unspecified period.

No BL: The backlight is not set.

Auto Answering

You can record the message of the caller, by simply recording and selecting the announcement with one touch.

Setting auto answering function

1.Press [Menu] and (Auto Answering).

2.Press [Set Auto Answering] and [Adjust Ringer Duration Time].

Press [Select] to select the ringer duration time. : The phone rings/vibrates for the time designated when a call is coming and auto answering mode is activated.

3.Select Announcement

Press [Select] to select the announcement.

You can record announcement by yourself or can select one of five recorded announcements.

Announcement is set as 'General' by default.

4. Press [Save].

SKY

If you open the slide, press and hold [OK] on the Logo, the auto answering mode is activated and if pressing and holding [OK] again, it is deactivated.

Every short pressing of [OK] in the auto answering mode displays General →On driving →On meeting →On class→User voice.

Record/Play Announcement

You can record and check the auto answering announcement.

1.Press [Menu], and select [Auto Answering] and [Record/Play Announcement] in turn.

If it already recorded, press [Play] to check the recorded user's voice.

Maximum recording time is 30 seconds.

Press [ok][Record] or press and hold [Record/Play][Record] to record a desired message and then, press [Save].

Press [Play] to play the recorded contents.

Set Environment

Auto Function

You can set/release various auto functions.

1.Press [Menu], [Environment Setting] and [Auto Function] in turn.

Press [Up/Down] keys to move to the item you want.

Select [Set/Release].

If you select auto local code, it automatically enters auto local code.

2.Press [Save].

SKY

Auto redial: When there is heavy traffic, you can activate/deactivate auto redial to the number you called.

(Auto receiving) Handsfree: You can set/release the function to automatically receive after the rings when you connect to handsfree.

(Auto receiving) Earphone Mike: You can set/release the function to automatically receive after bell rings for 10 seconds when you connect to the earphone.

Auto receiving function operates only when you connect to handsfree and earphone mike.

Handsfree receiving and earphone mike receiving are set OFF by default.

Auto local area code: You can set the frequently used local area code so that you don't have to press it whenever you make a call.

Enter auto local area code: Enter the local area code you want using numeric keys when you select auto local area code.

Lock Function

You can set/release the lock function not to use the specific function of phone or not to make a call without entering password.

1.Press [Menu], select 6 [Environment Setting] and 2 [Lock Function] in turn, and enter password.

The password is set as 0000 by default.

(1/2) means that it displays the 1st page between 2 pages.

Move to the item you want using [Up/Down] key.

Select the [Set/Release]

2. Press save.

Lock All

You can set Lock All function.

1.Press [Menu], and select 6 [Environment Setting] and 2 [Lock Function] in turn, and enter password. The password is set as 0000 by default.

2.Press [Menu] and select [Lock ALL].

Press [Release All] to release lock.

SKY

- Auto lock – you can set/release the function not to use the phone without entering password when the phone is switched on.
- External key lock: you can set/release the function not to use the external keys without entering password.
- Origination lock: you can set/release the function not to make a call without entering password.
- International call lock - You should enter password to make an international calls.

In case of 011, you can use the international call lock function provided as supplementary service (refer to 120p).

- Recent Sending/Receiving Lock: You can set/release the function not to check or make a call to the recently sent or received number without entering password.

If this function is set, you cannot make a call to the last called number.

- Message lock: You can set/release the function not to use the SMS function without entering the password.
- NATE lock: You can set/release the function not to use NATE without entering the password.
- Phonebook lock - In Phonebook lock mode, you should enter password to use the Phonebook. You cannot make a call with hot key if this lock is set.
- Menu lock - You can activate/deactivate Menu lock in which you should enter password to use Menu.
- Rec/play lock - You can activate / deactivate Rec/ play lock in which you should enter password to record or to play.

When this lock is set, pressing [Record] will prompt you to ask the password.

- Memo lock - You can activate / deactivate Memo lock in which you should enter password to use memo function.
- My Information lock; You can activate/deactivate this lock in which you should enter password to check my information

Change Password

You can change the old password to new one.

1.Press [Menu], and select 6[Environment Setting] and [Change Password] in turn.

Enter your password.

Password is set as 0000 by default.

2.Enter new password.

Enter new password to change.

3.Confirm new password.

Enter new password again to confirm.

Set Options

1.Press [Menu], and select 6 [Environment Setting], 4 [Option Setting]] and [Select] in turn, and set the method of receiving call.

Press [Scroll] and [OK].

Receiving calls in closed status: you can set how to receive a call to 'Open the slide', 'Open and press the key' and 'Press [SEND]' when an incoming bell rings in closed status of slide.

2.Set Main Menu

Character: shows the main menu in character type.

Picture: shows the main menu in picture type.

It is set as "Picture" by default.

3.Set Secrete Call

Secrete Call: you can set the Secrete Call to 'Use' and 'Not use'.

Use: set the secrete call

Not use: release the secrete call.

4.Press [Save].

Sky

Receiving calls in closed status

- Open the slide: you can open the slide to receive a call when the call is incoming.
- Open and press the key: you can open and press the key to receive a call when the call is incoming.
- Press [SEND]: you can press the key to receive a call in closed status of slide when the call is incoming.
- In case Ear-Mic (or handsfree) is connected, you can open the slide or press a external key/any keys to receive a call.
- The phone is set to 'Open the slide' by default.

Secrete Call

You can set this after subscribing to authentication service.

Secrete Call function will be available upon further service release.

Number plus

You can set up 011 and 017 number plus service screen and bell for additional number.

1.Press [Menu], (6) [Environment Setting] and 5 [Set up number plus] in turn, and enter password and additional number. Default password is 0000.

2.2nd number ringer.

Enter the number to add.

Display in screen: Press [Scroll] to display or not to display the received number on the screen when using number plus.

Press [Sel], and press [Up/Down] or [Left/Right] keys to select the ringer you want.

3. Press [Save].

SKY

Number plus service is available for the subscribed users only.

When you set "Display on Screen", the received number will be displayed on the screen between 2 numbers when you receive a call.

If additional number is set for bell, you can identify the received number between 2 numbers even if "Display on Screen" is deactivated.

In system reset, all settings are reset. You should set up the functions again.

Select System

This function is to select one number if the user uses mobile phone with more than 2 service operators.

1.Press [Menu,] (6) [Environment Setting] and 6[Select System] in turn, and enter password.

Password is 0000 by default.

If the phone is set again to the selected system, it will be turned off and on again.

SKY

Password is 0000 by default. Do not change it as much as possible. If you still need to change it, contact the service center first.

Check S/W version

1.Press [Menu], (6) [Environment Setting], and 7 [Check S/W version] in turn.

The version number of the software will be displayed when you purchase the phone.

Initialize Phonebook

Initialize phonebook to the default status.

1.Press [Menu], (0) [Environment Setting] and 8 [Initialize Phonebook] in turn.

Password is 0000 by default.

Press [Left/Right] to select whether to initialize, and press [Sel].

2.Enter password.

All phone numbers will be deleted during initialization.

Initialize System

Initialize all functions of system to the default functions.

1.Press [Menu], (0) [Environment Setting] and #[Initialize System] in turn.

2.Enter password.

Password is 0000 by default.

Press [Left/Right] keys to select whether to initialize, and press [Sel].

Appendix

Menu Construction

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

Setup	Step1	Step2	Step3	Step 4
Left Key Menu	1.PIM(Personal Information Manager)	1. Calendar 2. Alarm 3. Calculator 4. Stopwatch 5. World time 6. My Memo	7.	
	2. Set Sound	1. Set call alert	Set ringer Ringer volume Ringer/Vibrate Ring duration	
		2. Set group ring		
		3.My bell		
		4. Set volume	Earpiece volume Keypad volume Incoming call volume Alarm volume Alert volume Game volume Magician volume Wavelet	
		5. Set alert	Connection tone Minute elapsed No SVC alert Low battery alarm Dialogue box sound	
	3. Set screen	1. Set waiting screen	Picture Clock/Calendar Edit banner Help line	
		2. Set picture	Incoming call Power on Power off NATE starts	
		3.My picture		
		4. Screen contrast		
		5.Set backlighting	LCD Backlighting	
	4. Auto answering	1.Set auto answering	Set alert Set voice menu	
		2.Rec/Play voice ment		
	5. Caller Time	1. Last call	Voice call time	
		2. Total call	Voice received time	
		3. Lifetime call	NATE TIME Data send time Data received time	

	6. System setup	1. Automatic action	Auto redialing Handsfree Earphone Local area code	
		2. Security	Global lock External key lock Calling lock International lock Call list lock SMS lock NATE LOCK Phonebook lock Menu lock Rec/Play lock Memo lock My info lock	
		3. Set password		
		4. Option	Call answering method	Only open Open and press Press calling key
			Set main menu	Text style Icon style
			Security Mode	On Off
		5. Set number plus	2nd NUMBER 2nd number ringer	
		6. Select System	011 system 017 system International Auto Roaming A-Band International Roaming B-Band International Roaming	
		7. View S/W version		
		8 Reset all phonebook		
		#. Reset all data		
	7. Game/Magician	Game		
	8. Data communication	1.Data Service set up	Incoming mode	Voice mode Modem mode Fax mode
			Internet speed	Maximum speed Normal speed
			Baud rate with PC	115,200 bps 19,200 bps 230,400 bps
		2.Air data manager	Call through modem Receive through modem IP address	
	9. IrDA	1. Phone to phone	Receiving mode Send my song Send my picture Send phonebook	

		2 Phone to PC	ON OFF	
Right Key Menu	1. Quick search by group			
	2. Search by name			
	Search by number			
	4 Filling up phonebook			
	5. Edit QuickDial			
	6. Edit group			
	# My information			
NATE Key	1. NATE connect			
	2. Magician			
	3. Multimedia			
	4. Character bell			
	5. Edit NATE mail			
	6. NATE option			
Upper/Lower key in standby mode	Call history(List)			
SMS key	1.Incomming message	1.Text message 2.Voice message 3.My bell		
	2. Outgoing message	1.New message 2.Send message 3.Out message 4.Sentence store		
	3. Message Alarm	1.Set alert 2.Set alert tone 3.Set alert volume 4.Set Alarm during a call		
	4. Delete Message	1.Delete all text in-message 2.Del all voice in-message 3.Del my bell 4.Del all send message 5.Del all out-message 6.Del sentence 7.Del all message		
	5. E-mail	1.Incoming box 2.Outgoing box 3.New mail 4.Account		
Left Key menu During a call (Hot menu)	1. Text message			
	2. Send my phone number			
	3. Mute			
	4. Call transfer service			
	5. Call hold service			

Right key menu During a call (phonebook)	1. Quick search by name			
	2. Search by name			
	3. Search by number			
	4. filling up phonebook			
	#. My information			
Upper/lower key during a call	Volume			
Record key	Record			
Auto answer	(Press and hold) toggle between auto answering/normal answering			

Options

- Following items are required for supplementary service and not included in IM-5100 basic component.

Use the product provided by SK Teletech only.

Data manager kit (IMCBL-600)

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

Connect data manager

* Note that this data manager cable should be used with the battery attached to the phone.

Data manager function

** PIM Phonebook edit* ** Selecting ringer melody * Selecting animation*

**SMS function* **Setting environment*

(You can download or upgrade data manager program from www.sksky.com)

Earphone Mic (E/M-200)

For SK-5100, please use E/M-200.

If you use E/M-100, the button on Mic does not operate.

Q&A for Phone

Q	A
Q. When making a call, only "tu-tu-tu" sound is heard and calling is not complete.	A. It is due to the facts that either all calling channels are engaged or transmission to the base station is not successful. Pressing (End) and (Send) consecutively will allow a user to redial the last called number automatically.
Q. Using IrDA, transmitting a picture from previous models including SK-3000 to SK-5100 is possible but not the melody.	A. It is due to the fact that the previous models including SK-3000, and SK-5100 are supported by two different bell/melody data format.

	* Transmission/reception of phonebook/picture among different SKY cellular phones such as SK-3000 are possible.
Q: I saved more than 2 phone numbers on the phonebook of SK-5100 and transmitted it to the other SKY model(which does not support saving of over 2 numbers), but not all the phone numbers in one list are transmitted.	A. Different SKY model(which does not support saving of over 2 numbers) has different structure of phonebook memory from that of SK-5100, so that it allows the user to save only 1 number.
Q. I am a user with no data manager cable. Also IrDA port and modem are not installed on my PC. Is there any way I can use the data manager?	A. Connecting through IP address using ADSL modem or LAN card installed on a computer allows a user to use the Air data manager function. * For more information, refer to Air data manager
Q. Is it possible to receive a melody from other person's cellular phone to mine?	A. Receiving a melody from other person's cellular phone is possible using the IrDA function in the menu, but only between the SKY cellular phones with IrDA function. Refer to IrDA function for more details on the operation.

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 of assigned frequency
Size	With slim battery: 48 x 88 x 22.4 mm With standard battery: 48 x 88 x 24.8 mm
Weight	With slim battery: 88g With standard battery: 96.2g
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-5100
Date of purchase		
Purchased from	Business name	
	Telephone No.	
Serial No.		
Phone No.		
Password		