E1EP

User Manual

Contents

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

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Precautions

Please read the precautions carefully in order to prevent damages. Read this user's manual and keep it for a future reference.

	Using the phone while driving a car may cause traffic accident and may give an influence to the electronic parts in the car. If you are to use the phone while driving, make sure to use a safety device such as an ear-microphone.
	Make sure to turn off the phone while you are in an airplane or at the hospital. Using the phone in the restricted area may cause an accident of the transportation or may cause an accident of the medical devices. (Pease follow the instructions of the place on use of cellular phones.)
	Using a cell phone where inflammable gas such as profane or gasoline erupts may cause explosion or fire. Make sure to turn off the phone at the gas station or in areas where It may cause fire or explosion.
	Using the phone with cardiac pacemakers at the same time Be aware of the potential interference with your phone and pacemaker. If you have any reason to suspect that interference if taking place, switch off your phone immediately. Please keep the phone more than 15cm (6inches) from a pacemaker when the phone is switched on. Do not carry the phone in a breast pocket.
	Using the phone with hearing aids at the same time Some digital wireless phones may interfere with some hearing aids. If that interference happens, contact your hearing aid manufacturer to discuss alternatives.
	Using the phone with other medical devices at the same time If you use any other medical devices consult the manufacturer of your device to determine if it is adequately from external RF energy.

? **Be careful of safety accident.**

	Avoid shock. Impact on the phone may cause excessive heat or fire.
	Be careful when using the phone in the rain. Be careful not to have the phone wet in the rain, and do not use the phone when lightening flashes.
	Avoid metal products. If a conductible material (aluminum foil, needle, necklace, metal chain, coin, key and etc.) meets the bottom of the battery, the bottom of the phone or the metal part of the charger, the phone may generate excessive heat, fire, electric shock or explosion. (Do not put the phone and the battery on the bag

	or in the pocket with metal products. The phone may be deformed, damaged or broken.)
	When using IrDA~, Do not stare at IrDA window during IrDA communication. Your eyesight may fall.
	Too loud ringer~ You may be startled at sudden vibration or ringer. Set the vibration and ringer to an appropriate level. Keep your ears away from the speakers of the phone, or you may be startled or your hearing may fall at sudden ringer.
	If you have a hand strap or a neck strap attached to the phone~ You may get injured if the trap is pulled or caught by something. Be careful not to run against something or tumble down with the phone inside the pocket.
	Long time calling may increase the surface temperature of the cell phone.
	Using the phone beside high-voltage electric pole may cause electric shock or an explosion of the battery.

? How to use the phone much longer~

	Keep the rubber caps plugged Keep the rubber caps plugged to protect the phone against foreign substance except when you need to remove the caps for intended purpose.
	Do not disassemble or remodel the phone at your own discreet. Please contact the authorized service center for repair.
	Keep the phone away from a magnet. Carrying or storing the phone with any magnetic material may cause malfunction. You may suffer loss of money if you lose information on the magnetic cards (credit cards, bank cards, transportation cards).

	The phone is sensitive to radio wave. The phone performance may be deteriorated if you use an unauthorized antenna or accessory, or if you place the phone on any material that may interrupt radio wave (steel desk, computer, microwave range and etc.). Do not put the phone or the battery in a microwave range. It may explode.
	Keep the phone clean. The battery may not be recharged if the metal part on the charger or the battery is stained. Wipe out the foreign substance with soft cloth or towel, and never use a chemical solution.
	Be careful not to drop the phone. Do not move violently or run with the phone hung on your neck with ear microphone or neck strap. Do not sit on with the phone put in the rear pocket. The phone may be broken or deformed.

? Avoid water, fire or moisture.

	Avoid water!! If the phone, battery, charger or other optional accessory is wet, the label inside the product changes color, and electric shock, damage or heat may be resulted in. If the phone is wet, leave the power off, remove the battery, and contact the nearest service center.
	Watch out of fire!! The phone and the battery may explode in the fire.
	Avoid excessive heat, cold weather, or where temperature changes severely. The phone and the battery left in severe heat, under direct sunray, or inside the car in summer time may result in explosion or fire. Performance and durability of the phone can be deteriorated if it is stored in low temperature. Do not place the phone in front of the air conditioner since high humidity and sudden temperature change may result in corrosion and damage.

? Keep away from children or pets.

	Keep the phone dry. Foreign substance or water in the phone, battery, charger or other optional accessories may result in mechanical trouble or injury of children.

	Keep the phone out of reach of the children. Make sure that the children should not swallow the parts including rubber caps (in stereo ear microphone and bottom contact of the phone). Teach the children how to use the phone, and check if they are using the phone properly.

? Use the antenna properly.

	How to use the antenna. For clearer sound quality, do not hold or touch the antenna during the calls. Also, waving or twirling the antenna may damage the antenna. When the antenna is damaged while in use, there is the risk of electric shock or injuries. In this case, change the antenna immediately. Only the antennas approved by our company can be used. Use of other antennas may cause malfunctions.

? Use the battery properly.

	Make sure to use the genuine battery. Using unauthorized battery may result in damage or explosion of the phone and the battery.
	Do not give impact to the battery. Avoid excessive impact by dropping or throwing the battery. Disassembling or repairing the battery by unauthorized person may result in fire or explosion.
	Do not apply excessive force or give damage with a sharp tool. Applying excessive force or boring battery with an awl or a pin may result in fire or explosion.
	If the battery leaks~, Wash your skin with running water. If the solution runs into an eye, wash the eye with clean water and see the doctor immediately. It cause your eyesight fall.
	When not in use for a long time ~, If the phone is left unused with the battery installed, although the power is off, the battery may leak and disable the phone. If you don't use the phone for a long time, take the battery apart from the phone. If you use the phone again (and when you first use the phone after purchasing), charge the battery fully.
	Turn the power off first. If you remove the battery while the phone is on, the phone or the LCD screen may be damaged.

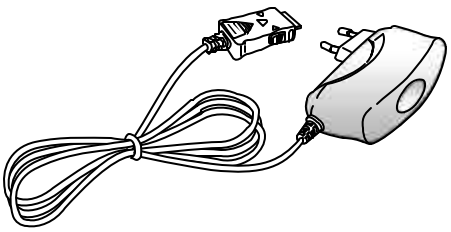
	Replace the battery. Purchase a new battery if running time reduces by half. Because the battery is a consumable part, repeated charging/discharging results in reduction of running time. Make sure the battery contains the recyclable metal, to be disposed in the designated place.
	Check the contact points before charging the battery. If the battery is mounted on the charger with incorrect polarity, the battery can be damaged or exploded.
	Charge the battery where it is well ventilated. Covering the charger and the battery with cloth may result in fire
	Pay attention to the power cord. Do not pull the power cord of the charger, and do not place a heavy object on the power cord. Damaged power cord may cause fire. Do not plug in the power with a wet hand to prevent shock.

? Using and storing the charger

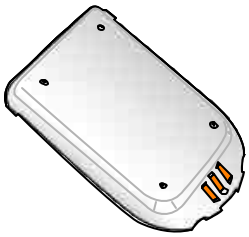
	Do not use the phone while charging the battery. Using the phone while charging the battery may result in electric shock. Make sure to remove the phone form the charger.
	If you switch on the phone in 5 seconds after power off, the power key can be disabled. Wait for 5 seconds before switching on the phone.
	Using and storing the accessories. Use only SK-produced and approved accessories. Using inappropriate accessories may cause an explosion or damage on the phone. In no case will SK be liable for the problems followed by the use of inappropriate accessories.
	Disposal for used batteries. This battery is not subject to be recycled. Do not dispose of batteries in a waste box.

Accessories

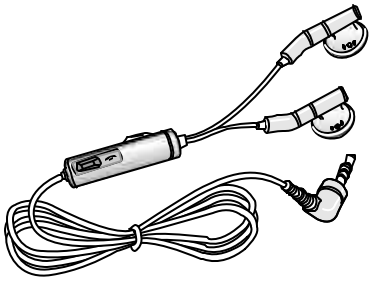
HandSet



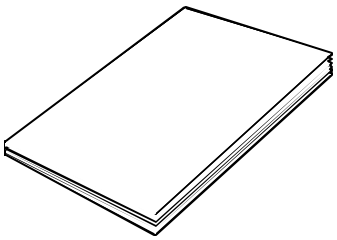
Traveler Charger



Standard Battery



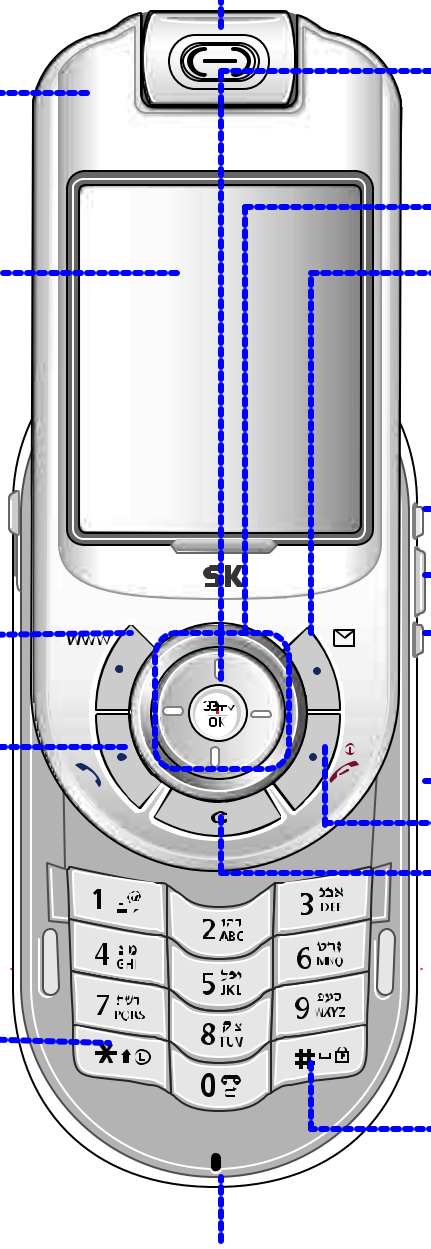
Stereo Ear-microphone



User Manual (Including Product Warranty)

Components and Functions

■ Components



Earpiece/Camera

Slide

LCD Screen

LCD shows status and action of the phone.

Microphone(Mouthpiece) insert point

WWW/Function Key

Press this key to activate the www Service on main LCD/ on other screens, to select the item

Send Key

Etiquette Key

Press and hold this key on main LCD to activate vibration, to mute sliding tone, and to mute sound effect. Press and hold this key during the call to mute key tone and to activate whisper mode.

3G-TV/Select Key

Press this key to activate the 3G-TV service.

Multi-function Key

SMS/Function Key

Press this key to use voice/text message on main LCD/ to select the item on the bottom right of LCD

MP3 Key

Camera Key

Press this key to use the camera function

Auto Answer Key

IrDA

Power off/End Key

Clear Key

Press this key to delete a letter, to return to the precious menu, or to return to the previous menu while using WWW.

Lock Key

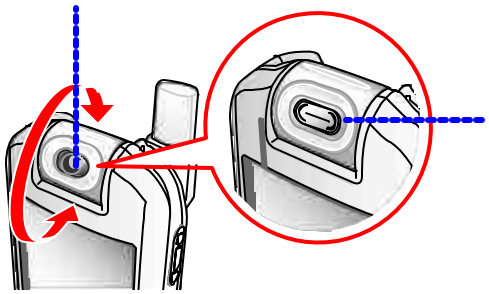
Press and hold this key in standby to lock the phone (Enter password to unlock the phone)

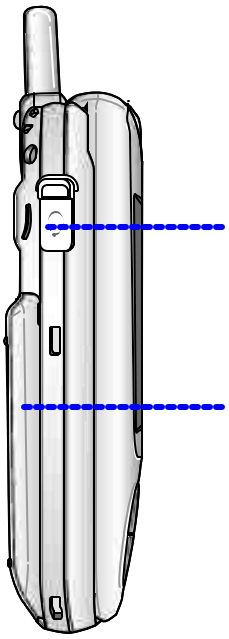
Record/Play Key

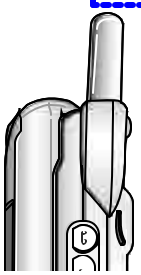
Press and hold this key to use recording and playing

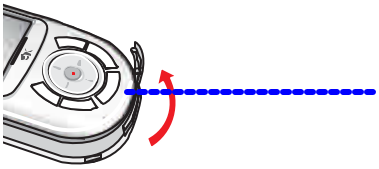
Camera

Turn the camera 180℃ to take a self-shot.





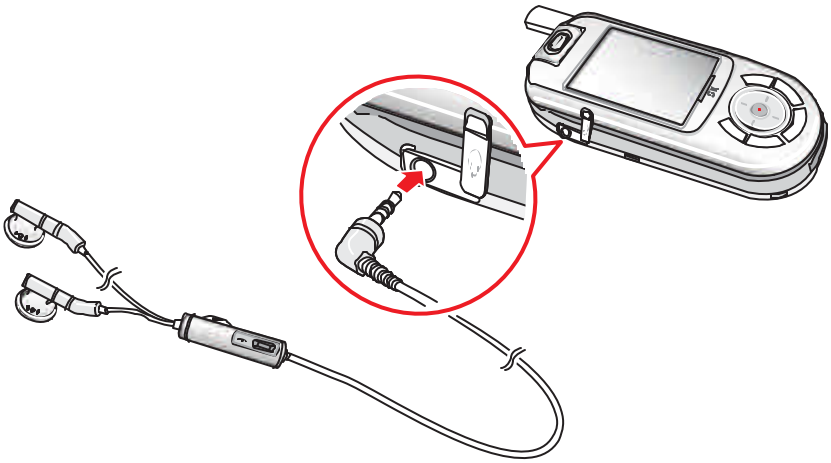




Charger/Data cable Port

Connect the travel charger or the data cable.

■ How to use stereo ear-microphone



1. Open the rubber cap of the stereo ear-microphone jack on the side of the phone, and plug in the ear-microphone.

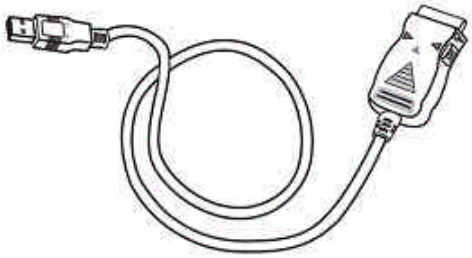
2. Put the ear piece into your ear. Then the microphone automatically comes close to your mouth.

3. You can listen to or talk with the ear-microphone instead of the speaker and microphone on the phone.

4. Press and hold the button on the ear-microphone. You can use the button to receive a call when a call is receiving, or to make a call at the stand-by mode, or to end the call if you are on the line.

? Data cable (IMCBL-901C)

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

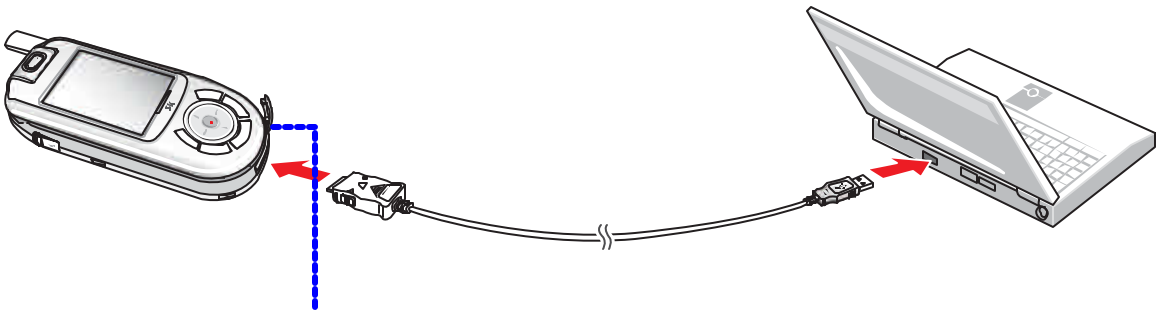


Remove the stereo ear microphone jack rubber cap on the side of the phone, and plug in the stereo ear microphone. Make sure to plug in tight to prevent malfunction.

* IMCBL-901C is a 12Mbps cable used for data communication between E1EP and the PC.
* IMCBL-901C supports the USB and 24-pin connector based mobile phone only.

? Connecting data manager cable

* Make sure to install the battery on the phone before using the data cable.
* Since IMCBL-901C does not support recharging the battery, the battery installed on the phone must have been charged.



There is a rubber cap on the connecting port.

* You can download data manager program from the website of SK.
* See Help in the data manager program for details of how to use data cable.

Icons (Icons not settled)

1. Signal strength in the service area

Icon						
Signal level	Good			Weak		Out of service area
Icon						
Signal level	Good			Weak		Out of service area

2. Standby

Attempting call / on the line

No traffic exchange during the data service

When the user has selected CFU(VADS service) or a calling is converted when the CFNA/CFD is selected

When the user has selected CFB/CFU(VADS service) during calling

3. Icons for Ringer

Icon					
Meaning	Ring	Vib	Vib then Ring	Ring & Vib	Etiquette

4. Icons for alarm

Displayed if a schedule / anniversary is registered with the scheduler (This icon disappears and appears at midnight and displays preferentially when both alarm and schedule is set)

5. Displayed if an MMS message is received

Displayed if an unchecked recording message is received

6. New text & voice message.

Icon	Description
	The icon blinks for a new message, and disappears if you retrieve the message.

7. The icon shows batter charge level

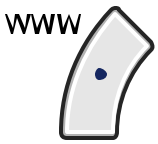
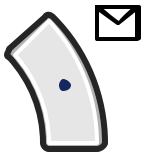
Icon Battery level	Full	Medium	Low	Needs recharge

8.16:07 Current time

Basic Key Functions

■ Function key

	Idle screen	Operation screen
	Select menu	Move left
	Multimedia data	Move up
	Select called/calling history	Move down
	Select P-book	Move right
	Activate 3G-TV	Check/Select/Deselect an item

	Activate WWW	Select bottom left item on the screen
	Select Message	Select bottom right item on the screen

? Other function keys

	Description		Description
	Send Button		Turn on/off power End Button
	Delete or return to the previous menu		Activate MP3
	Record Function		Camera

		A	

■ How to use the linked menus

1. You can use the linked menus if Menu is displayed on the bottom of the screen.

2. If you press [Menu], the functions that you can use are displayed on the menu.

3. Menus are varied depending on where you have pressed .

e.g. : Selecting linked menu of Calling List.

(Down), (Right)

■ How to Activate and Select Menu

Ex) Enter a phonebook: James, Friend, Home Number 123-4567, and Memo.

1. Press [P-Book] and (4)[New Entry].

2. Press (OK)[Sel].

3. Enter Name, and press (OK)[Done].

- Press (OK)[Done] to automatically move to the next item.

4. Press (OK)[Sel] and (Up/down).

- After moving to the required group, press (OK)[Sel].

6. Press (OK)[Sel] and (Up/down).

- The cursor is moved automatically to the next item.
- After moving to the required icon, press (OK)[Sel].

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

- The cursor is moved automatically to the next item.

8. Move to the Add Data box by moving (Up/Down).

9. Press (OK)[Sel].

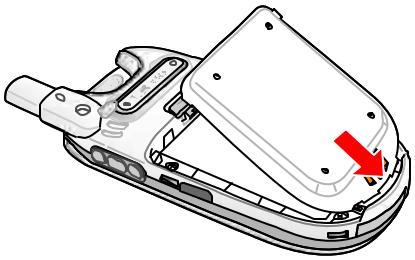
- After moving to the required icon, press (OK)[Sel].

10. After selecting (3)[Memo], enter the memo and press (OK)[Done].

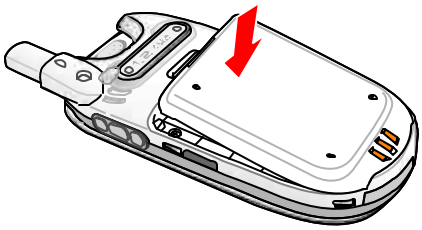
11. Press (SMS)[Save].

How to Use the Battery

? Inserting the Battery

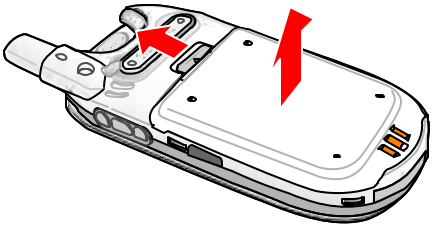


?Insert the bottom of the battery into the opening on the bottom of the phone.



? Push the battery down until the latch clicks.

? Removing the Battery



? Push up the catch toward the top of the phone and lift the battery away.

* Make sure to turn off the power before detaching the battery from the phone.

? Battery Operating Times

Status	Standard battery
Talk time	180Min
Standby time	200Hour

? The time marked '#' is tested with the measuring device in SK's lab.

Status	Standard battery
Camera	240Min

VOD	230Min
Game	230Min
MP3 play	235Min

? Power consumption for game is the average of power consumption measured with Popatronic and Revs

? Measured as the slide is open and the back light is on.

? MP3 play time is measured as the stereo ear microphone is used.

* When moving on a car or by walk, the phone stays in connection with the base stations on the area and the adjacent areas to keep the optimum communication status depending on the signal strength. In this case, the phone consumes more power than whenit stays in an area, causing the battery operating time to be reduced than it is described in the user's manual.

* If you select a moving background (animation) as the wallpaper in Background, the phone consumes more power, reducing operating time by 20~30% than it is described in the user's manual

? Battery charge alert

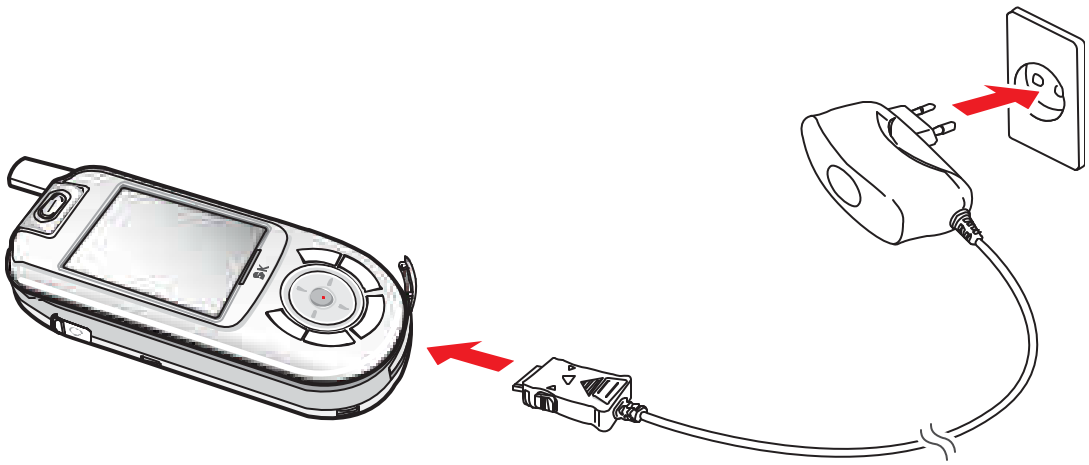
If the battery needs to be recharged, an empty battery icon ( ) is displayed with an alert, and the message "Low battery warning" is displayed. If you keep using the phone without charging the battery, the phone will be turned off with the power off message displayed on LCD. You can activate/deactivate alert.

■ How to recharge battery

Plug in the traveler charger (TC-700E) to the outlet. (100V~240V)

You can connect the charger to the phone without using the desktop holder.

Remove the rubber cap on the bottom of the phone before recharging the battery.



* The charger may malfunction due to dirt covered on the charger. Keep the charger from the reach of children or pets.

* Use the approved charger only. Using an unapproved charger may cause damage.

? Minimum recharge time

Charging method	Standard battery
Connect to travel charger	Approx. 150Min

* When purchased, the battery is not fully charged. Make sure to charge the battery fully before use.

* Extremely hot/cold temperature will affect the charging capacity of the battery.

* If you recharge the battery with the phone switched on, although the full charge icon is displayed, the battery may not be charged 100%.

Basic Operation

■ Turning the Phone On

1. Press and hold .

The power gets on as the animation is displayed.

* If the phone is set to Vib. or Etiquette mode, the phone vibrates as or is displayed.

* The main LCD screen varies by setting.

■ Turning the Phone Off

1. Press and hold .

* The power gets on as the animation is displayed for a few seconds.

* If the phone is turned off abruptly, an instant error may occur on LCD display. This is an instant error and not a permanent trouble in LCD.

■ Making a Call by Entering Numbers

1. Enter a phone number +

* You can correct the phone number by pressing .

2. Start conversation as you are connected to the called party.

* Adjust the earpiece volume with (Up/Down) during the call.

3. Close the slide or press to finish the call.

■ Redialing Calls

You can make a call to the last dialed number by pressing a key.

? Redialing the Last Number

You can make a call to the last connected number.

1. Press .

? Redialing the Recently Called/Calling Number

- “40 “of the recently called/calling numbers are displayed. You can select a number and press to make a call.

? Called Number

1. Press (Down), (Left)[Called History].

- Search a required number with (Up/Down) key.
- If the number is registered in Phonebook, the name and icon are displayed.

2. Press (OK).

- The number and called time are displayed.

3. Press .

? Calling Number

1. Press (Down), (Right)[Calling History].

- Search a required number with (Up/Down) key.
- If the number is registered in Phonebook, the name and icon are displayed.

2. Press (OK).

* The number and called time are displayed.

3. Press.

* If the call history is locked, you cannot make a call by pressing the Send key.
* If numbers of calls are made/received to/from the same number, the last calling/called times are displayed only. If you want to check the calling/called count, press (WWW)[Menu], and then [1] [Called Time / Calling Time].

■ Turbo Dialing

You can make a call by pressing a Turbo Dial number without pressing the entire phone number.

? One Digit Turbo Dial Number (1~8)

1. Press and hold one digit Turbo Dial number.

- Or you may press a Turbo Dial number and press .

2. A call is made to the number saved in the Turbo Dial number.

? Two Digit Turbo Dial Number (10~99)

1. Press the first digit, and then, press and hold the second digit.

- Or you may press both digits and then press .

2. A call is made to the number saved in the Turbo Dial number.

* If the phonebook is locked, you should enter the password. (See P.000.)

■ Receiving Calls

1. When the phone rings or vibrates, open the slide.

   - If the slide is left open, press any key.

2. If the call is finished, close the slide or press .

   - The call time blinks, and the, main LCD screen is displayed.

   * You can receive calls in three ways (open the slide, open the slide and press any key, and press the .

   * You can set the Ans. Machine function. (See P.25)

■ Functions During a Call

? Earpiece Volume

- You can adjust the earpiece volume in 5 steps during a call and on main LCD.

1. During call (Up/Down)

- Adjust volume with (Up/Down).

? Reading Messages

You can read the received text message during a call.

1. Press (WWW)[Menu] during the call

2. Press (1)[Read Message] to read the text message.

* If a new message is received during a call, you can read the message by press (OK).

* You can select alarm during a call. (See P.39)

* After reading a text message, press to return to the call screen.

? Muting

You can mute your voice over the phone.

1. Press (WWW)[Menu] during a call.

2. Press (**2**)[Mute].

- Press (SMS)[Rel] to release mute function and return to the call screen.

? Searching phone number

You can search a phone number you need during a call.

1. Press (SMS)[P -Book] during a call.

2. Select the searching method you want among (1)Speed Search, (2)Search by Name / (3)Number.

- Refer to PhoneBook menu (See P. 00).

? Making new entry

You can enter new phone numbers on your phone during a call.

1. Press (SMS)[P -Book] during a call.

2. Press (4)[New Entry].

- Refer to PhoneBook menu (See P. 00).

? My Info

You can check out the information of your phone during a call.

1. Press (SMS)[P -Book] during a call.

2. Press (#)[My Info].

■ Auto Answer

You can use this Auto Answer function when you cannot receive a call.

? Setting Auto Answer

Select Ring Duration and Auto Answer Mode.

1. (Left)[Menu] + (5)[Setup] + (6)[Auto Answer]

2. (1)[Set Auto Answer] + (OK)

- Set ring time with (Left/Right), and then press (OK).

- Set Auto Answer Mode with (Left/Right), and then press (OK).

3. Press (SMS)[Save] to save setting.

* The phone rings and vibrates for the selected time, and returns to Auto Answer mode.

* Select the greeting for AutoAnswer mode.

* Default greeting is "Normal".

? Recording/playing Greeting

You can record the greeting with your voice.

1. (Left)[Menu] + (5)[Setup] + (6)[Auto Answer]

2. (2)[Greeting Message]

- Press (OK) to record the message, and then, press (SMS)[Save] to save the recording.

* You can record the message of up to 30 sec.

* You can play the recorded message with (SMS)[Play].

? Using Auto Answer Button

You can activate Auto Answer function by pressing a button.

1. Open the slide and press and hold on the right side of the phone.

2. You can cancel the function by pressing and holding again.

- If the Auto Answer function is canceled the phone returns to main LCD.

* If Auto Answer is activated, when the caller records a message, a missed call is indicated on the LCD.

* You can activate Ans. Machine by pressing and holding if a call comes in.

* If a call is received, the phone Rings or vibrates for the selected time, and switches into Auto Answer mode.

* The caller can record a message for 30 seconds.

* Total recording time (Sum of the time distributed on Auto Answer and Recording) is 4 minutes.

? Playing recorded messages

1. Open the slide, and press and hold (0).

2. Press (OK)[Play] to play the message.

- If you press (WWW)[Menu] and then select (3)[Cont. play], recorded messages are played in order.

Unchecked auto answer message

Checked auto answer message

* Refer to the recording/playing guide for details. (See P.00)

■ Recording/Playing

You can make recording/playing in idle mode or during a call.

? Recording

1. Open the slide, and press and hold (0).

2. Press (SMS)[REC] to start recording.

3. Press (OK)[Save] to save the recorded content.

* You can press and hold (0) in recording list.

* Press (SMS)[Cancel] to stop and save recording.

* Press and hold (0) during a call to record the call. However, you cannot play or cancel recording. Recording is stopped and saved automatically if the call is finished.

? Playing

1. Open the slide, and press and hold (0).

2. Select a desired item with (Up/Down).

* You can delete the selected item by pressing (WWW)[Menu] and selecting (1)[Delete].

3. Press (OK)[Play] to start playing.

* If a call is received during the playing, the playing mode is deactivated. You can answer the call by pressing any key except [End]. Even if the phone is set to Ring, the phone vibrates.

■ Viewing Called/Calling History

You can check the missed call number list and called/calling number list.

? Viewing Calling History

1. Press (Down), (Right)[Calling History]

- Press (WWW)[Menu] to display calling time, and information on phonebook and message.

2. Search a required number with (Up/Down) key.

3. Press (OK).

? Viewing Called History

1. Press (Down), (Left)[Called History]

- Press (WWW)[Menu] to display called time, and information on phonebook and message.

2. Search a required number with (Up/Down) key.

3. Press (OK).

* If numbers of calls are made/received to/from the same number, the last calling/called times are displayed.

* 40 numbers are displayed for a calling/called list respectively, and calling/called times are displayed for 15 items respectively.

■ Etiquette

You can use this function in public space or in a classroom.

? Etiquette Mode on Main LCD

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

- The Etiquette icon is displayed, the phone is set to Vib, and key tone, slide opening/closing tone and menu tone are deactivated.

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

- The Etiquette icon ( ) is disappeared from the LCD screen, and the phone returns to the previous status.

? Etiquette Mode During a Call

1. Press and hold (*) during a call.

is Whisper ed, the key tone is deactivated.

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

is Whisper eared from the LCD screen, and the phone returns to the previous status.

* Etiquette mode is maintained even after power OFF->ON unless you release the mode.

* Whisper mode - The microphone volume gets high so that you can speak in small voice.

* Key tone off - The keypad tone is off. (See P.00)

* Effect tone off - Sliding tone and menu tone are off. (See P.00)

* Alert off - Various alerts are off. (See P.00)

* See “Adjusting volume ” on how to adjust volume for key tone, effect tone and alert. (See P.00)

■ Hold on Mode

You can hold the call for a short time.

1. If the phone rings as the slide is open, press and hold (OK).

- If the Hold on mode is selected, the message is displayed with the announcement.

2. If you want to release the hold on mode and to answer the call, press any key.

* This function is available only when the slide is open.

* If you have set the phone "Open & Press" for a way to receive an incoming call, open the slide and press & hold (OK) to activate the hold on mode.

■ My Info

Enter your information (Name, Mail Address, Photo, and etc.).

1. Press (Right) + (#)[My Info]

- Press (WWW)[Menu] to add or delete photos or pictures.

* Enter your information right after purchasing the phone.

■ Basic Operation Details

? Making Calls

- To make a call to the number in the phonebook, refer to Phonebook menu. (See P.00)

? Auto Answer

- If you press after you set the Auto Answer function, the mode changes to Normal/Conference/Class/User Defined in order.

- Even in Auto Answer function, you can answer the call by pressing and finish the call by pressing . The recording made before you answer is automatically saved.

- You can save up to 20 recording files (Sum of the files distributed on Auto Answer and Recording).

? Recording

* If you receive a call during recording, recording is finished and is automatically saved.

* If the total recording time (4 minutes) is used up, you cannot save any more recording file.

* The maximum recording time is 4 minutes, and recording count is 20.

(You cannot save any more recording file if the number of recording files reaches 20. Delete a file if you want to make a recording file.)

Phone Book

■ Entering Phonebook

Enter Phone Number, E-mail Address, Photo, Anniversary or other Memo.

? Add Data

Search a required number with (Up/Down) key.

1. Press (Right) + (4)[New Entry]

2. Highlight a text box by moving (Up/Down) and press (OK) for input.

3. Press (www)[Menu] to add new data and press (OK).

4. Press (SMS)[Save].

? Add Data on Main LCD

You can save a phone number on main LCD.

? New

- Make new entry on main LCD

1. Enter phone number + (OK)[Save] + (1)[New Entry]

2. (OK)[Select]

- Move to New Entry screen.

? Add Number

- Add a number to the existing name on the phone book.

1. Enter phone number + (OK) + (2)[Existing Name]

2. Press (OK)[Select]

3. Highlight the group/name to add the number by moving (Up/Down).

4. Press (OK)[Select] and press (SMS)[Save].

* Refer to "Speed Search". (See P.00)

? Edit Data

Using the search method, edit the existing data.

1. Press (Right) + (1)[Speed Search]

2. Highlight the group/name to edit by moving (Up/Down) and press (OK)[Select]

3. Press (SMS)[Edit] to edit data.

* Press (WWW)[Menu] in Edit screen to add an item.

? Delete Name

Using the search method, delete the names.

1. Press (Right)[Book] + (1)[Speed Search]

2. Highlight the group/name to delete by moving (Up/Down) and press (OK)[Select].

3. Press (WWW)[Menu], select (3)[Delete Name], and then, (OK)[Select].

■ Speed Search

You can search phonebook data in all Name List or by group name.

? Search in All Name List

Search the desired item in all Name List.

1. Press (Right) + (1)[Speed Search]

2. Select (1)[All Name List].

3. Highlight a name by moving (Up/Down) and press (OK)[Select].

4. Press(Send).

* Press (SMS)[New] to move to New Entry.
* You can search a secret group with “Speed Search ” only.

? Search by Group

Search data by group.

1. Press (Right) + (1)[Speed Search]

2. Highlight the group which the name you need belongs to by moving (Up/Down), and press (OK)[Select].

3. Press (Send).

* Only the group that contains the data is displayed.

■ Search by Name

Search a phone number by name (entire or part of the name).

1. Press (Right) + (2)[Search by Name]

2. Enter part of or entire name, and press (OK)[Done].

3. Highlight a name by moving (Up/Down) and press (OK)[Sel].

4. Press (Send)

* The name in the secret group is not displayed. You should release the secret group to

search the name. (See P.00)

■ Search by Number

Search a phone number by number (entire or part of the number).

1. Press (Right) + (3)[Search by Number]

2. Enter part of or entire number, and press (OK)[Confirm].

3. Highlight a number by moving (Up/Down), and press (OK)[Sel].

4. Press (Send).

* The number in the secret group is not displayed. You should release the secret group to search the name.

■ Edit Turbo Dial

You can edit the speed dial.

? Add Turbo Dial

You can add a frequently dialed number as a speed dial.

1. Press (Right)+ (5)[Edit Turbo Dial]

2. Highlight a Turbo Dial number you want by moving (Up),(Down).

3. Press (OK)[Select].

3. Highlight the group/name to get the Turbo Dial number by moving (Up),(Down).

4. Press (OK)[Select].

* This function is disabled if there is no phone number in the phonebook.

? Edit Turbo Dial

You can modify/delete the existing Turbo Dial.

1. Press (Right)+ (5)[Edit Turbo Dial]

2. Press (SMS)[Del] to delete a Turbo Dial number.

3. Press (WWW)[Mod] to modify a Turbo Dial number.

* Even if a Turbo Dial is deleted, the number on the phonebook is not deleted. If the data is deleted from the phone book, Turbo Dial is also canceled.

■ Edit Group

You can Add, Modify, Delete a Group, or Edit group data.

? Adding a Group

You can add a new group.

1. Press (Right) + (6) [Memory Group]

2. Press (SMS) [New] and enter new group name.

3. Press (OK) [Done].

- Select secret group option with (Left),(Right).

? Setting Secret Group

-You should enter password to search a phone number in a secret group.

-You can search a number in a secret group with "Speed Search" only, and not by Name or by Number.

- In order to release a secret group, select "General" as the group attribute.

- If you make a call to the person in secret group, not the name is appeared on the LCD but the phone number is.

-You can save up to 21 groups including [No group]. If all 21 groups are created, you cannot add a group.

? Modifying a Group

You can edit name or data of the existing group.

1. Press (Right) + (6) [Memory Group]

2. Highlight the group to edit by moving (Up/Down).

2. Press (OK) [Select].

- Modify group.

3. Save the change with (SMS) [Save].

* You cannot modify group name and attribute of [No group].

? Deleting a Group

You can delete the existing group or the group name.

1. Press (Right) + (6) [Memory Group]

2. Highlight the group to delete by moving (Up/Down).

3. Press (WWW) [Menu]

* Press (1) [Del Group] to delete the group.

* Press (2) [Del Group Name] to delete the group name.

4. Press (OK) [Select].

* In order to delete a name of a secret group, you should enter the password.

? Arranging Group name

You can edit the order of group name arranged automatically or in the way you prefer.

1. Press (Right) + (6)[Memory Group]

2. Press (WWW)[Menu]

* Press (3)[Edit order] to edit the group order on your preference.

* Press (4)[Sort group] to edit the group order automatically in alphabetical order.

3. Press (OK)[Select].

Message Function

■ Reading Text Messages

Read the text message and check the callback number.

1. Press (SMS) + (1)[In-Box] + (1)[Text Message]

2. Highlight a message by moving (Up/Down).

- (Unsealed envelope Icon) indicates the message you have read
- (Sealed envelope Icon) indicates the new messages.

* Press (www)[Menu]. (1)[Delete All Msg] to delete the selected message.
* Press (www) [Menu]. (2)[Save Msg] to save the message.
* Press (OK)[Reply] to read the message and send the reply immediately.
* Press (SMS)[Fwd] to forward the message to a 3 rd party.
* Select other messages with (Left), (Right).
* Up to 99 text messages can be received. If the number of text messages exceeds 99, a message is deleted on an arrival time basis.

■ Checking Voice Message

You can check the voice message recorded in In-Box for missed call or when the phone was off.

1. Press (SMS) + (1)[In-Box] + (2)[Voice Message]

* Press (SMS) to delete the selected message.
* Press (WWW) [Delete All] to delete all the voice messages.
* Press (Up/Down) and (Send Key) to call back.
* Up to 20 voice messages can be received. If the number of voice messages exceeds 20, a message is deleted on an arrival time basis.
* (SEND KEY) allows you to automatically connect to the other party's number.

■ Saving Text Messages

Move the important text messages to Saved Message so that they should not be automatically deleted.

1. Press (SMS) + (1)[In-Box]+ (3)[Saved Msg]

2. Press (OK)[Sel]

* Up to 40 text messages are stored in Saved Msg

■ Entering Text Messages

1. Press (SMS) + (2)[Out-Box] + (1)[New Message]

2. Press (OK)[Input] and enter the text, or enter the text directly.

3. Press (SMS) to select a language, symbols or numbers.

4. Press (OK)[Done] to move to the next text box.

5. Press (WWW)[Menu] to select the phone number.

6. Press (Send).

- Press (clear/cancel) to delete a character. Press and hold the key to delete entire words. Press (Right) to enter a space.
- Press the (WWW)[Menu] button to save the text during entering the text, or to display the saved text.
- You can broadcast a message to up to 20 receivers at a time.

? Saving Sentences

You can save the frequently used sentences, and retrieve and paste them to new messages.

1. Press (SMS) + (2)[Out-Box] + (1)[New Message]

* Enter the frequently used sentences.

2. Press (www)[Menu] + (1)[Save As Phrase] +(OK)

* The selected sentence is saved in Phrase

? Retrieving Sentences

You can import the sentences saved in Phrase to the message you are creating.

1. Press (SMS) + (2)[Out-Box] + (1)[New Message]

2. Press (WWW)[Menu] + (2)[Input Phrase]

3. Select the phrase to use by moving (Up/Down).

4. Press (OK)[Write].

* You should save sentences in Quick Text in order to use the retrieving function.

? Searching Phone Numbers

You can search phone numbers easily from Phonebook or in the call history.

? Speed Search

1. Press (SMS) + (2)[Out-Box] + (1)[New Message]

2. Place the cursor at Other Party Number.

3. Press (WWW)[Menu] + (3)[Speed Search].

4. Press (OK)[Select].

? Broadcasting

You can send a message to up to 20 receivers at the same time.

1. Press (SMS) + (2)[Out-Box] + (1)[New Message]

2. Place the cursor at Other Party Number.

3. Press (WWW)[Menu] + (3)[Speed Search].

4. Select the group to add by pressing (SMS)[Add].

* Only the mobile phone numbers are entered, and if a receiver has two or more mobile phone numbers, the first entered one is selected.

■ Managing Outgoing Box

The transmission failed messages, the messages saved before transmission, and the messages not completed due to incoming calls are stored.

1. Press (SMS) + (2)[Out-Box] + (2)[Outgoing Box]

2. Select the message you want by moving (Up/Down).

3. Press (OK)[Select].

* In case of broadcasting, the same number of messages as broadcasting is saved along with called numbers.

* Up to 99 messages are stored.

■ Managing Sent Message

The successfully sent messages are stored.

1. Press (SMS) + (2)[Out-Box] + (3)[Sent Message]

2. Select the message you want by moving(Up/Down).

3. Press(OK)[Select].

* In case of broadcasting, the same number of messages as broadcasting is saved along with called numbers.

* Up to 99 messages are stored.

■ Managing Phrases

Save the frequently used sentences, and retrieve them when preparing a message.

1. (SMS) + (2)[Out-Box] + (4)[Phrase]

2. (OK)[Select].

* To use the saved sentence again, press (OK), and modify the sentence before sending the message. Refer to Entering Text Message. (See P.00)

■ MMS(Multimedia Messaging Service)

MMS service enables you to attach video, music and voice to the text messages, or to use various effects including color of the words and background of the messages.

? Entering New Message

1. Press(SMS) + (3)[MMS] + (1)[New Message]

2. Press (OK)[Select], Enter text

- Enter the text. You can change the character mode with (SMS), and (OK)[Done]

3. Press (OK)[Select]+ Select Contents

- Select Photo & Sound, Video, Contents attachment with (Left), (Right), and then, press (OK).

4. Press (SMS)[Next] + Select the required transmission mode, Subject. Send To Number

5. Press (SMS)[Send]

* You can save all type of contents within the storage capacity.

* Image : The images downloaded with MMS or taken with the camera are listed. The available image size is [176X144] only.

* Background Music : The music files exclusive for MMS are listed.

* Video : The MMS contents downloaded from WWW and the moving images in Video Manager are listed.

* Attach file : You can attach various sizes of image files, background, music, and voice file to the message.

* Contents exclusive for MMS should be downloaded separately.

? Managing In-box

You can save the received messages and send reply.

1. Press (SMS) + (3)[MMS] + (2)[In-Box]

2. Press (OK)[Select].

3. Press (OK)[Play]

- On the new message screen press (WWW)[Reply] to send the reply.

? Managing Out-box

You can save the sent messages, and edit the saved messages to send replies.

1. Press (SMS) + (3)[MMS] + (3)[Out-box].

2. Press (OK)[Select].

3. Press (OK)[Play]

- In order to use the stored message, press (www)[Menu]. + (1)[Resend].

? Managing Draft-box

The messages failed to transmit and the messages entered before transmission are stored.

1. Press (SMS) + (3)[MMS] + (4)[Draft-box]

2. Press (OK)[Select].

? Managing Alert-Box

1. Press (SMS) + (3)[MMS] + (5)[Alert Box]

2. Press (OK)[Select].

? Manager

1. Press (SMS) + (3)[MMS] + (6)[Manager]

2. Press (OK)[Select].

■ Setting Message Alert

You can select Ring/Lamp for new message alert.

1. Press (SMS) + (4)[Set Msg Alert]

2. Select a text box by moving (Up/Down), and scroll through the option with (Left/Right).

3. Press (SMS)[Save].

*Alert Type

- Mute : LCD blinks once.

- 1 time : LCD blinks once and rings.

- Every 2min : LCD blinks once and rings at every 2 minutes until you check the message.

* Alert is off, even if new message alert is set to 1 time or every 2min, if Ringer/vib. is set to mute.

(See P.00)

* You can adjust volume of alert tone at Set sound. (See P.00)

* Alert in call : Select whether to activate new message alert during a call.

■ Deleting All Messages

1. (SMS) + (5)[Delete All Msg]

2. Enter the password

- * The default password is '0000'.

3 Select the message type to delete by moving (Up/Down) and press (OK)[Select].

- Select delete or not with (Left),(Right).

Camera

■ Before Using the Camera

The camera is suitable for portraits or objects rather than scenery.

1. In order to get a good photo, the light should be distributed on the object more than on the back ground. Avoid direct fluorescent light. Take the photo with the light behind your back.

2. Hold the phone tight and the subject should not move while taking a photo. It takes time for the camera sensor to adjust exposure.

3. To get a good photo, take the photo under a bright indoor light (about 300~500Lux) or outside of a building.

4. Aim the camera to the object, and wait for a few seconds before the camera sensor is adapted to the environment. Especially in the dark, it takes 3~5 seconds.

5. Take the photo at the distance of 0.9m to get the best photo.

6. Hold the phone with both hands to prevent shaking of the camera.

7. Activate the shutter sound to minimize shaking when you press the shutter button.

8. Do not move the phone right after taking a photo. Hold the phone tight until the rename screen is displayed after you take the photo.

? Battery operation time for use of camera

Type of battery	Standard
Operation time	240Min

? Taking Close shot

The minimum distance between the camera and the object is 20~50cm. You may not get a clear photo if you take a photo at a nearer distance.

Turn the camera eye toward you to take a self-shot. Check the figure on the LCD monitor and press (OK).

? Taking self-shot (Taking a photo with the slide closed)

To activate photo mode, press and hold (Camera) as the slide is closed. Please (OK) shortly to take photo, while monitoring image displayed on LCD.

- When you take a photo with the slide closed, release the 'outside key lock'.
- If you press (Camera) on the side of the phone, the image becomes upside down.

- You can check the saved photo in Photo Manager. (See P.00)

■ Taking Photos

You can take the photo of the required object with the built-in camera.

1. ( ) + (1)[Take Photo]

- You can select brightness in 9 steps with (Left)/(Right) buttons.
- You can adjust zoom with (Up)/(Down) buttons. Zoom steps are depending on the size

2. (OK)[Shoot]

- Photos are automatically named. You can rename photos with (SMS)[New].
- Press to cancel saving.

3. (OK)[Save]

? Take Photo Menu

Press (WWW)[Menu] to use various functions while you are taking a photo.

1. Press (WWW)[Menu]+(1)[Photo Size]

- You can select the photo size from [1024×1280], [960×1280], [800×1000], [480×640], [240×320], [176×220], [176×144].

2. Press (WWW)[Menu]+(2)[Option]

* If multi-shot mode is auto, photos are taken at regular interval. If it I manual, you can set the interval between the shots. Multi-shot is not available if the photo size is [880×1144] and [768×1024].
* You can select (2sec), (5sec),(10sec) and (Off) for timerSetting. The default is (Off).
* You can select (Auto), (Outdoors), (Night), and (High Sensitive) in Camera Option menu.

3. Press (WWW)[Menu]+(3)[Photo Effect On]

*You can take a photo in various tones: [Normal], [Gray], [Sepia], [Negative], [Antique], [Reddish], [Greenish], and [Bluish].

4. Press (WWW)[Menu]+(4)[Photo Frame]

* You can use various white balance effects [AUTO], [SUNNY], [NIGHT].

5. Press (WWW)[Menu]+(5)[Quality]

* You can select the resolution between [SUPER FINE], [FINE] and [NORMAL]. The default is [FINE].

6. Press (WWW)[Menu]+(6)[Mgmt]

* You can view photos in Photo Management.

7. Press (WWW)[Menu]+()[Camera Setting]

* You can control the camera setting.
* If there is an incoming call in the camera mode, the phone switches into the receiving call mode.

* You should select Save to save the photo.

* You can save contents within the capacity regardless of content types (Photo, Video or MMS).

* You can save up to 500 photo files. If memory is full, you cannot save any more photos even if fewer than 500 photos are already saved.

* The camera sensor me asures light at every 2 seconds, and if light changes in a large scale, the screen may blink to adjust the sensor. Please wait for a few seconds to take a photo.

* There can be a difference in brightness and size of the screen before and after taking a photo depending on the size and effect.

* If you press (End) when a morning call or an alarm rings while taking a picture, the phone switches into the taking a picture mode.

* Taking photo in the dark may cause slow screen speed and noise.

■ Taking Videos

You can take video with the built-in camera.

1. + (2)[Take Video]

- You can select brightness in 9 steps with (Left)/(Right) buttons.

2. (OK)[Take videos] + (OK)[Shoot] + (OK)[Stop]

- Recording time is displayed on LCD.

- You can view the saved video in Video Mgmt.

- You can rename the video already saved.

* You can use zooming with (Up), (Down), and adjust brightness with (Left), (Right) while taking the video. (You can use digital zoom as in the photo mode.)

* If [MMS] is selected, you can take and play the video for MMS.

* You can use various effects when taking a video.

* You can insert images with the Fun Frame function.

* You can select the resolution from [HQ], [ST] and [EC]. The file size varies depending on the resolution.

* You can check and manage the video files in Video Mgmt. Refer to Managing Video for details. (See P.00)

* You can set the environments in Camera Settings.

■ Photo Manager

You can manage the photos stored in the phone.

? Managing Folder

1. + (3)[Photo Mgmt] +(1)[Folder1]

* The photos taken with the phone are stored in [Folder1].

* You can set Secret for other folders than [Folder1].

* If you wish to open another folder, press (WWW)[Menu] and (3)[Change Folder].

You can select a folder with (Up), (Down).

* You can select a folder with (Left), (Right) when checking the photos on the list.

? Checking Photo

You can check the photos stored in the phone.

1. + (3)[Photo Mgmt] +(OK)

- Move previous/next with (Left),(Right).

2. Check the photos you want with (SMS)[Check].

? Photo Management

Select (WWW)[Menu] to use the Photo Management functions.

1. (WWW)[Menu]+(1)[Picture Set]

- You can set the photos for main LCD, incoming calls, power on, power off and starting WWW.

2. (WWW)[Menu]+(2)[Change Order]

- You can arrange order of the photos by date, file size, name, or user.

3. (WWW)[Menu]+(3)[Change Folder]

- You can move a photo to other folders.

If you wish to move numbers of photos to other folders.

4. (WWW)[Menu]+(4)[Delete]

- You can delete a photo.

5. (WWW)[Menu]+(5)[Connect MMS]

- You can attach a photo to MMS message.

6. (WWW)[Menu]+(6)[Edit]

- You can rename a photo.

7. (WWW)[Menu]+(7)[Security]

- You can select protect/lock for the selected photo. (See P.107)

8. (WWW)[Menu]+(8)[Select All]

- You can select all files.

9. (WWW)[Menu]+(9)[File Info]

- You can view information on the selected photo.

? Moving Photo

You can move photos from [Folder1] to other folders.

1. + (3)[Photo Mgmt] +(SMS)[Check]

2. Press (WWW)[Menu], (2)[Move Folder], and select the destined folder with (OK)[Sel].

* You have to check at least two photos to use the Slide Show function. You can check up to 9 photos for slide show. If you create a slide show with the checked photos, the original photos are stored separately from the slide show photos.

* You can create up to 6 slide shows. An icon is marked on the photos used in a slide show.

■ Edit Photo

1. + (3)[Photo Mgmt]+(OK)[Select]

2. Search the photo to edit by using (Up/Down) and press (OK)[Select].

3. (Menu)[WWW] + (6)[Edit]

- Rename : You can rename the photo.
- Resize : you can resize the photo.
- Photo Frame : You can select various frames if the photo is [176×240], [176×144] or [128×96].
- Photo Effect: You can apply various effects to the photo.

(It may take time to be applied depending on the effect.)

■ Lock/Protect Photo

1. + (3)[Photo Mgmt]

* Search the photo to lock/protect by using (Up/Down).

2. (Menu)[WWW] + (7)[Security] + Set Protect/Lock

3. (SMS)[Save]

* The lock image is displayed if the locked photo is used for incoming call, power on, power off or alarm screen.

* If you select a [Slide Show] for the main LCD screen, the lock image is displayed for the locked photo.

* If you use a locked photo as a P-book ID, you should enter the password. If a cropped photo is saved with '(2) Overwrite', you should enter the password to check the photos in P-book.

* Even when you delete all photos, the protected photos are not deleted. You should release protection before deleting photos.

* Select the locked photo, and release lock with (WWW)[Menu] to release lock. Or enter password to change the items.

* See P.00 on how to lock all functions.

■ Video Manager

1. + (4)[Video Mgmt].

2. Press (OK).

? Video Management

Select (WWW)[Menu] to use the Video Management functions.

1. (WWW)[Menu]+(1)[Picture Set]

- You can set the video for main LCD, power on and power off.

2. (WWW)[Menu]+(2)[Edit Order]

- You can sort the video files by date, by size, by name and by user.

3. (WWW)[Menu]+(3)[Move to]

- Move the video file to other folder. If you wish to move numbers of video files, check the files by pressing (SMS), and move them to other folder.

4. (WWW)[Menu]+(4)[Delete]

- You can delete a video file.

5. (WWW)[Menu]+(5)[Connect MMS]

- You can attach a video file to MMS message

6. (WWW)[Menu]+(6)[Edit Name]

You can rename the video file.

7. (WWW)[Menu]+(7)[Security]

-You cannot delete the protected video file. You should enter the password to check the locked video.

8. (WWW)[Menu]+(8)[Select All]

-Select all video files in Video Manager.

9. (WWW)[Menu]+(9)[File Info]

-You can view information on a video file.

■ Camera Settings

You can set the environments for the camera function.

1. +(5)[Camera Setting]+(OK)

* Slide close : Select whether to continue taking video or photo when the slide is closed.

* Shutter sound : Alert for photo

* Video Start sound : Alert for video start

* Video End sound : Alert for video End

* Incoming Call : You can select whether to accept an incoming call while taking video or photo

* Voice Recording : You can accept/reject call received during video recording.

? Icons for camera

: Flash blinks

: Flash always on, instant on

: Multi-shot

: Timer setting

HQ ST EC : Video quality

ALL 384K : Size

3G-TV

■ Video Portal

You can download music file, music video file and movie through the 3G-TV services.

1. Press (OK) + (1) Video Portal to access 3G-TV.

- Either you can press and hold (OK).
- To exit from the 3G-TV services, press (END).

■ Music

You can store and play the music files downloaded through the 3G-TV services.

1. Download Music

2. Play List

■ TV Channel

You can watch the selected channel accessing the 3G-TV services.

■ Multimedia

? Download New Item

You can download a new content accessing the 3G-TV services.

? My Live Bell

You can store and play the live bell downloaded through the 3G-TV services.

1. Press (OK)[3G-TV]+(4)[Multimedia]

2. Press (2)[My Live Bell]

- Select (www)[Menu] to use various sub-menus.

3. Press (OK)[Play]

- Press (OK) to pause while playing, press (OK) again to resume playing. Press and hold (Left) to rewind, and press and hold (Right) to fast forward. Use (UP) and (Down) to adjust the volume.

* There is a difference in sound quality between the stereo earphone microphone and the speaker.

* The player screen is user-definable. (See P.00)

* You can set the phone either to continue or stop playing when the slide is closed while playing.

(See P.00)

* If a call is received while a multimedia file is playing, the phone stops playing the file, and rings. To answer the call, press (Send). If the call ends, the phone resumes playing the file.

* If a new message is received while a file is playing, the phone vibrates, and displays on the top of the screen.

* If the phone is set to Etiquette mode, the phone displays a message asking whether to disable the Etiquette mode. If you select "Yes" the Etiquette mode is disabled and the phone resumes playing the multimedia file. If you select "No", the phone plays the file, muting the sound.

* See P.00 for details of 3G-TV services.

? My Live Screen

You can store and play the live screen downloaded through the 3G-TV services.

1. Press (OK)[3G-TV]+(4)[Multimedia]

2. Press (3)[My Live Screen]

- Press (www)[Menu] +(1)[file] to set the file as a screen for standby, on/off of power, or start of www.

- Select (www)[Menu] to use various sub-menus.

* Sort: You can sort the files by date, by size, by file name or as designated by the user.

* Move: You can move the files to other folders. In order to move numbers of contents, check the files with (SMS) and press (WWW), (2)[Move].

* Delete: You can delete the selected file.

* Rename: You can rename the file.

* Protect/Lock: You cannot delete the protected file, and cannot play the locked file. is indicated on the file being played, on the locked file, and on the protected/locked file.

* Select all: All the files in Live Screen are selected.

3. (OK)[Play]

? My Box

You can store and play the music files and the video files downloaded through the 3G-TV services.

1. Press (OK)[3G-TV]+(4)[Multimedia]

2. Press (4)[My BOX]

- Navigate to the file you wish to play with (UP) and (Down), and press (SMS) to check/uncheck the file.

- Select (www)[Menu] to use various sub-menus.

* Play checked file: You can play the checked file.

* Move: You can move the checked files to other folders.

* Delete checked file: You can delete the checked files.

* Protect/Lock: You can protect or lock the checked files.

* Uncheck all: You can uncheck all files.

* See P.000 for details of 3G-TV services.

3. (OK)[Play]

-Press (SMS) to mute the sound.

■ Video&Photo Mail

1. Press (OK)[3G-TV]+(5)[Video&Photo Mail]

2. Select the menu you want to use.

(1)[New Message]

(2)[In-box]

(3)[Out-Box]

(4) [Draft-Box]

(5) [Alert MMS]

(6) [Manager]

See P.00 for details of video mail.

■ Configuration

You can configure your phone for 3G-TV services.

1. Press (OK)[3G-TV]+(6)[Configuration]

2. (1)[Set Music Skin]:

- You can set preferences for Live Bell screen.

(2)[Play Mode]:

- You can configure the environment for playing contents.

- Play Once: The files in the list are played once.

- Repeat: The files in the list are played repeatedly.

- Sequential: The files in the list are played in sequence.

- Random: The files in the list are played randomly.

- Lighting on: Light is always on when a file is playing.

- Auto Lighting: If Auto LCD is selected, LCD is on for the designated time period.

- Continue Play: The phone continues playing when you close the slide.

- Stop Play: The phone stops playing when you close the slide.

(Content play times and sequence are applied if “Play checked file” is selected.)

(3)[Memory Info]:

- The phone displays the memory used for photo, video, live bell, live screen, 3G-TV and

MMS, and the remaining memory.

(4)[Live Screen Sound]:

- You can select the sound if you have selected the live screen as the standby screen.

3. (SMS)[Save]

■ 3G-TV Details

? In Media Album….

: Downloaded content.

: Content not completely downloaded. You can resume downloading of the content.

: Protected content

: Locked content

: Protected and locked content

: The content recorded during streaming service

: The content which is expired and cannot be played

? In 3G-TV play screen…..

- Play previous/next: Select two or more contents in the Media Album, select “Play checked file” and press or to play the previous or next file, respectively.

- Resize play screen: Press [Wide] while Live Bell, Live Screen or Media Album is playing to resize the screen to full size. In full size, part of the image can be cut off.
- Player performance may be deteriorated when playing high quality content.

? When downloading a 3G-TV content..

- When downloading 3G-TV content with long play time, the phone may fail to download the content and display the warning message.

WWW

■ Internet Portal

You can use this menu while searching information in WWW.

1. Press (WWW)[Menu].

2. Press (1)[Connect WWW].

* Press and hold (WWW) at any screen while searching website to move to the WWW initial screen.

* The site providing PCL configures the relevant (WWW)[Menu] and provides you (WWW)[WWW] services.

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

* For releasing the connection to WWW, press .

■ Game & Apps

You can download the various multimedia contents from the WWW to enjoy fully the service of (WWW) at anytime in anywhere.

1. Press (WWW)[Menu].

2. Press (2)[Games & Apps].

3. Press (OK)[Sel].

* Move to the contents you want using (Up/Down) Keys to download and save the contents.

* Downloaded SK-7200 contents will be saved in (1)[Download] of (2)[activate]

* The menu or display of WWW service may be altered without notice according to the operators`
circumstances.

■ A-GPS

1. Press (WWW)[Menu].

2. Press (3)[A-GPS].

3. (1)[My Map]

(2)[Voice Navigation]

(3)[Speed Traps Detector]

(4)[Where is My Kid]

(5)[Emergency Button]

■ Preloaded Apps.

1. Press (WWW)[Menu].

2. Press (4)[Preloaded Apps.]

3. (1)[Email] ,

(2)[Voice Phone Book]

(3)Outlook

(4)Icamera

*You can write or receive e -mail by e -mail client embedded on the phone.

* The menu or display of WWW service may be altered without notice according to the operators circumstances.

■ Ringtones

You can execute the designated bell sound if you receive a call from the designated caller by download the Ringtones from WWW.

1. Press (WWW)[Menu].

2. Press (5)[Ringtones]

3. Press the Bell moving to the contents you want to download it.

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

* Downloaded Ringtones contents will be saved in ()[Ringtones] of (WWW)[WWW].

* Downloaded contents will be saved in (1)[Download] of (2)[activate]

■ Animations

You can execute the designated animation if you receive a call from the designated caller by download the Animation from WWW.

1. Press (WWW)[Menu].

2. Press (6)[Animations].

3. Press the Animations moving to the contents you want to download it.

* Downloaded contents will be saved in (1)[Download] of (2)[activate]

■ Voice Portal

You can connect to the voice guide service portal provided by PCL.

1. Press (WWW)[Menu].

2. Press (7)[Voice Portal].

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

■ SMS Info.

You can select the relevant Sub Menu to request the desired information. 6Main Menus(News, sport, Entertainment, Fun, Finance, Astrology). Select the relevant Sub Menu to request the desired information.

1. Press (WWW)[Menu].

2. Press (8)[SMS Info.].

■ What`s New?

Provide the relevant services by connecting to site provided by PCL.

1. Press (WWW)[Menu].

2. Press (9)[What`s New].

* area where radio coverage is weak.

MP3

? MP3 is the exclusive MP3 player that downloads, stores, plays and manages MP3 files.

■ How to use Data Manager

1. Before connecting the mobile phone to the computer with the Data Manager cable IMCBL-900,, install the Data Manager program on the computer.

2. You can download the Data Manager program from the website of SK Mobile (www.skmobile.com.cn).

■ Accessing Data Manager

1. Connect the cable to the computer USB

2. Remove the rubber cap on the bottom of the phone, and connect the cable to the phone.

3. Check the connection between the PC and the phone, and run the downloaded Data Manager program.

■ Downloading MP3 files

1. After starting Data Manager, select and send an MP3 file to the phone.

- The phone must be connected with the PC with the Data Manager program.

* Before downloading MP3 files, check the storage capacity in (OK)? (3)? (1).

■ MP3 Player

1. Press (OK)[MP3] + (1)[My MP3].

- Select an MP3 file you want to play with (Up/Down)and check/release with (SMS)[Select].

2. Press (WWW)[Menu] + (1)[Check All].

- If you wish to play a specific file: Select the file with (Up/Down), and press (OK).
- The player pauses if you press (OK) during the play. Press (OK) again to resume playing.
- Press (Left) shortly to go to the start of the file (to the previous file if you press shorter than 1sec), press and hold to rewind, press (Right)to go to the next file, and press and hold to fast-forward. Adjust volume with (Up/Down).
- Press (SMS)) to mute during play.
- Press (WWW) to move to the menu during play.
- If you press during playing, the play mode changed in the order of normal/repeat/sequence/repeat in sequence/random/repeat in random.

3. Press (OK)[OK Play] to play MP3.

* You can use the following functions in (WWW) [Menu].

- Check All: Play all files in the list.

- Change Order : Change the order of selected files.

- Rename: Change the name of the selected MP3 file.

- Lock: Protected MP3 file cannot be deleted, and locked file cannot be played.

- Delete: Delete the selected file.

- File info: View information on the downloaded MP3 file.

* The phone rings, the call receiving screen is displayed. Press (End) to receive the call. Go back to MP3 file list when the call is finished.

■ Skin Setting

You can set the MP3 play screen.

1. Press (OK) + (2).

- Select a skin with (Left/Right).

2. Press (SMS) [Save] to save the skin.

■ MP3 setting

? Play setting

1. Press (OK) + (3) + (2) [Option Setting].

- Press (OK) to move to the next item, and set the item in the save manner.

2. Press (SMS) [Save] to save the selected setting.

* Closing Slide : Decide whether to continue playing MP3 when you close the slide.

Stop Play - Play stops if the slide is closed.

Continue Play - Play continues even if the slide is closed. (Default)

* **Recursive :** Set how many times the selected music files to be repeated.

(Once/ Twice/ Thrice/ Four Times/ Five Times (Default))

Sound

■ Ring/Vibrator

You can select various rings.

1. Press (Left)[Menu] + (1)[Sound] + (1)[Ring/Vibrator].

2. Select a text box by moving (Up/Down)

- Scroll through the options by moving (Left/Right).

3. Press (SMS) to save the setting.

* In the etiquette mode, the phone is always in the vibration mode even if you select a ring.

* If you set the ring duration, the phone rings for the given seconds, and LCD blinks. In etiquette mode, or if Vibration is selected, however, the phone vibrates.

■ Setting Group Ring

The designated ringer is on for incoming calls from the designated group.

1. Press (Left)[Menu] + (1)[Sound] + (2)[Set Group Ring]

2. Select a text box by moving (Up/Down)

- Scroll through the options by moving (Left/Right).

3. Press (SMS) to save the setting.

- If you select <Unclassified>, the selected ring is on instead of the ringer set by group.

■ Slide Effect

You can set the slide open/close tone, key tone and menu tone.

1. Press (Left)[Menu] + (1)[Sound] + (3)[Slide Effect]

2. Select an item by moving (Up/Down).

3. Press (SMS)[Save].

* Press (WWW)[Menu] and select (1)[Mute] to disable the effects.

* Slide open/close tone : The sound effect for slide open/close.

* Key tone : The sound effect for key action

* Menu tone : The sound effect for selection of menu.

■ Sound Effect

You can select various Alerts.

1. Press (Left)[Menu] + (1)[Sound] + (4)[Sound Effect]

- Select an item with (Up/Down). Refer to Basic Operation.(See P.17~18)

- Press (WWW)[Menu] and select (1)[Mute] to disable the effects.

2. Press (SMS)[Save] to save the setting.

* Dialog box Tone : Alert for message box

* Connection Tone : Alert for call connection

* Minute Alert : Alert for 1minute call time r

* Service Alert: Alert for out of service area

* Low battery. Tone : Alert for low battery

■ Selecting Vib Mode

You can select one of the 5 different vibration modes.

1. Press (Left)[Menu] + (1)[Sound] + (5)[Select Vib Mode]

2. Scroll through the options by using (Up/Down)

3. Press (OK)[Sel]

* Normal

* Getting Longer

* Getting Shorter

* Increasingly

* Decreasingly

* You can activate the vibration mode only when you set the ringer to Vibrator.

■ Volume

You can adjust volumes.

1. Press (Left)[Menu]+ (1)[Sound] + (6)[Volume]

2. Press (SMS)[Save]

* Volume : You can adjust the earpiece volume.

* Effect : Slide open/close tone, key tone and menu tone volume

* Warn : Dialog box, Connect, Minute, No service, Low battery alert volume

* Ringer : Incoming ringer volume

* Alarm : Alarm bell volume

* Msg : New message alert volume

* Game : Game sound volume

* Start & End : Power on/off volume

■ Missed Call

You can set the missed call function.

1. Press (Left)[Menu] + (1)[Sound] + (7)[Missed Call]

2. Select a text box by moving (Up/Down)

3. Scroll through the options by moving (Left/Right)

4. Press (SMS)[Save]

* Alarm Set : You can select Every 2min, After 2min or No alert.

* Alarm Type : Select one of the four alert tones.

* Alarm Volume : You can adjust volume.

■ My Bell

You can manage the downloaded bells and the bells received via IrDA communication.

1. (UP)[Multimedia] + (6)[My Bell]

<My Bell Menu>

- Set as Ringer : Set the selected bell as the ringer.
- Edit Order : Sort the bells by date/size/name/user)
- Move to : Move the folder that the selected bell belongs to.
- Delete : Deleted the selected file.
- Secret : Set the selected bell a secret.
- Secret All : Select all the files.
- File Info. : Check the capacity by contents.
- You can save contents within the capacity regardless of content types.

Display

■ Decoration

You can select the background.

1. Press Left[Menu] + (2)[Display] + (1)[Decoration].

- Select a text box by moving (up/Down)
- Scroll through the options by moving (Up/Down)
- Press (WWW)[Preview] to preview background.

2. Press (SMS) to save the setting.

* Picture: Picture for the main LCD.

* Animation Effect: Moving animation icon for the main LCD.

* Clock/Calendar: Types of clock & calendar for the main LCD.

* Help Line: You can select whether to show the help line icons or not on the main LCD.

* Set Phone Name: You can select whether to show the phone name or not on the main LCD.

* Phone Name: You can enter the phone name.

* Phone Name Color: You can select the color of your phone name.

* If you select an animation for background, the battery operation time reduces.

* You can select [No picture] for background.

* If you select [Slide Show] for background, the photos selected for the slide show are displayed by turns. If you use a locked photo in the slide show, the lock image is displayed. If no photo is selected as the slide show, [Slide Show] is not displayed for Background setting.

■ Setting Picture

You can set the photos for main LCD, incoming calls, power on, power off and starting WWW.

1. (Left)[Menu] + (2)[Display]

2. (2)[Set Picture]

- Select an item by moving (Up/Down).
- Scroll through the options by moving (Left/Right).
- Press (WWW) to preview the screen.

3. Press (SMS) to save the setting.

* The picture contents are [Default picture], [My picture], [My photo], [My video] and [No picture].

* If there is no content, the list is not displayed.

■ Menu Theme

1. (Left)[Menu]+ (2)[Display]

2. (3)[Menu Theme]

- Basic / Special styles are available.

3. (OK)

* The default is special style.

■ Light

1. (Left)[Menu] + (2)[Display]

2. (4)[Light]

* Select an item with (Up/Down), and press (OK).

3. Press (SMS) to save the setting.

*** Type of LCD Backlight**

- 10 Sec Auto LCD : Backlight is on for 10 seconds when you open the slide or press any key.
- 20 Sec Auto LCD: Backlight is on for 20 seconds when you open the slide or press any key.
- 30 Sec Auto LCD: Backlight is on for 30 seconds when you open the slide or press any key.
- Always On: Backlight is on when slide is open.
- No Used: Backlight is off when you open the slide or press any key.

*** If Backlight is set to 'Always', the battery operation time can be reduced.**

*** Type of backlight for closing slide**

- LCD off : Backlight is off when you close the slide or press the side key.
- LCD Off in 1 sec: Backlight is on for 1 second when you close the slide or press the side key.
- LCD Off in 3 sec: Backlight is on for 3 seconds when you close the slide or press the side key.
- LCD Off in 9 sec: Light is on for 9 sec if you close the folder or press a side key.
- Off by Stage : Light is off in two steps if you close the slide.

■ Setting Service Lamp

You can select the outside key LED color when slide is closed.

1. (Left)[Menu]+(2)[Display]

2. (5)[Set Service Lamp]

3. (SMS)[Save]

? *** What is service lamp?**

: As the outside key LED lamp, it indicates that phone power is on when LCD light is off with the slide closed.

*Setting time : LED blinks at the selected interval.

■ Closing Slide

You can set LCD screen and backlight for closed slide.

1. (Left)[Menu] + (2)[Display] + (6)[Closing Slide]

* Select an item with (Up/Down), and press (OK).

2. (SMS)[Save] to save the setting

*View clock : Clock image is displayed instead of the standby screen on the LCD when LCD light is off.

*View main LCD : Standby screen is displayed on the LCD when LCD light is off.

*Front Key Press : You can switch on LCD light with front key as the slide is closed.

■ My Picture

You can designate a saved picture, rename files, check user info, or delete pictures.

1. Press (Up)[Multimedia] +(7)[My Picture] + (OK)

* Select an item with (Up/Down), and press (OK).

2. Press (SMS) to save the setting.

* You can save the contents in flexible manner within the memory capacity regardless of type of contents.

* You can save up to 99 files in My Picture .

Info. Manager

■ Scheduler

(Solar/Lunar) calendars between January, 1996 to December, 2015 are displayed.

? Add Schedule

You can save schedules.

1. Press (Left)[Menu] + (3)[Info. Manager] + (1)[New Schedule]

2. Select a day to add new schedule.

3. Press (WWW) [Menu] to set time and repetition.

(1) Set time

(2) Everyday

(3) Every Week

(4) Every Month

(5) Every Year

4. (SMS)[Save]

* You can save up to 10 schedules and 5 anniversaries in a day.

* Press (SMS) to change scheduler screen (by week, by day, by month).

* Press (*) to go to previous month, and (#) to next month.

? Add Anniversary

You can save anniversaries.

1. Press (Left)[Menu] + (3)[Info. Manager] + (2)[Add Anniversary]

2. Enter the anniversary.

3. Press (SMS)[Save].

? Delete Schedule

You can delete the schedule or anniversary that you do not need to use any more.

1. Press (Left)[Menu] + (3)[Info. Manager] + (3)[Delete Schedule]

2. Select between (1)[Schedule] and (2)[Anniversary].

3. Highlight the schedule or anniversary that you want to delete by moving (Up/Down).

4. Press (SMS)[Delete] to delete.

? View List

You can see the list of schedule or anniversary that you have made.

1. Press (Left)[Menu] + (3)[Info. Manager] + (4)[View List]

2. Select what to see between (1)[Schedule List] and (2)[Anniv List].

- Select a month by moving (Left)/(Right).
- Highlight a day by moving (Up/Down).

3. Press (OKSelect).

* The anniversaries you entered in P-Book are saved in Scheduler.

? Set Alarm

You can set alarm for schedules and anniversaries.

1. Press (Left)[Menu] + (3)[Info. Manager] + (5)[Set Alarm]

2. Select where to set alarm between (1)[Schedule] and (2)[Anniversary].

- Highlight a text box by moving (Up/Down).
- Scroll through the options by moving (Left/Right)

3. Press (SMS)[Save].

? Search Calendar

You can enter the day in search calendar to find anniversaries and schedules.

1. Press (Left)[Menu] + (3)[Info. Manager] + (6)[Search Calendar]

2. Enter the day you want in the search box.

3. Press (OK)[Done].

? Reservations or schedules on the phonebook.

: shows the schedule

.

: shows anniversaries

: shows weekends and holidays

 # Anniversary on the Phonebook.

: Meeting

: Wedding

: Birthday

: Other anniversaries than birthday, meeting and wedding.

■ Alarm Clock

Alarm Clock rings at a given interval until you disable it by pressing a specific key. (Snooze)

1. Press (Left)[Menu] + (3)[Info. Manager] + (2)[Alarm Clock]

* Select the text box by moving (Up/Down).
* Scroll through the options by moving (Left/Right).

2. Press (SMS)[Save]

* Enter the repeat count for snooze function. If you press any key except (Send) when the alarm is on, the alarm at that stage gets off. You should press (Send) to deactivate the snooze function.
* If you select Holiday Alarm Off, Alarm Clock alarm does not ring on holidays.
* If both Alarm Clock and alarm are selected, the Alarm Clock rings first, and then, alarm rings when Alarm Clock is finished.

■ To Do

You can set alarms at any required time.

? Setting Time

1. Press (Left)[Menu] + (3)[Info. Manager]+ (3)[To Do]

2. Press (SMS)[New] + (5)[Set time]

3. Press (SMS)[Save]

* For After 10min ~ Every month, alarm rings once at the designated time. The alarms that ring once are automatically deleted after the alarm action.
* You can set up to 10 alarms.
* If the phone is off at the alarm time, alarm rings right after the phone is switched on.
* If you are engaged in a call at the alarm time, the alarm rings right after you finish the call.

■ My Memo

You can simply make memo.

? Adding Memo

1. Press (Left)[Menu] + (3)[Info. Manager]+ (4)[My Memo]

2. Press (SMS)[New]

3. Press (OK)[Done]

* You can save up to 10 memos.

? Editing Memo

1. Press (Left)[Menu] + (3)[Info. Manager]+(4)[My Memo]

* Select the item with (Up),(Down).

2. Press (SMS)[Edit], and select (OK) after editing.

* You can save up to 10 memos.

■ Calculator

You can use the calculator with the memory function and the total function.

e.g.) <9 X 7>

1. Press (Left)[Menu] + (3)[Info. Manager] + (5)[Calculator]

2. Press (9) + (Up) + (7) + (OK)

* You can use an operator repeatedly.

* The answer to the calculation should be not longer than 11 digits. If the answer exceeds 11 digits, an [Error] message is displayed, and calculation function is disabled.

* Press to delete a character, or press and to delete all.

- Memory : Save the answer.

- Memory Plus : Add the answer to the saved memory.

- Memory Recall: Import the last answer (memory) to the operation answer screen.

- Memory Clear : Delete the memory. The operation detail is not deleted.

- Initialize : All the operation details are deleted.

■ Stop watch

You can use the stopwatch function with simple key action.

1. Press (Left)[Menu] + (3)[Info. Manager]+ (6)[Stop watch]

2. Press (OK)[Start]

3. Press (SMS)[Stop]

* Press (OK)[Save] if you need intermediate records during operation of the stopwatch. You can check the saved time with (WWW)[View].

* If there is an incoming call during operation of stopwatch, the stopwatch operation is finished.

* You can save up to 20 stopwatch records.

■ World Time

You can check the world time.

1. Press (Left)[Menu] + (3)[Info. Manager] + (7)[World Time]

* Check the world time with (Up),(Down).

2. Press (SMS)[DST]

* Move to a city on the world map with (Left)/(Right) button.

* You can set summer time of each city in DST(Daylight Saving Time). DST is applied once

you set the summer time.

? World time in 42 cities

01. Jerusalem	02. Amsterdam	03. Athens.
04. Baghdad	05. Bangkok	06. Beijing
07. Beirut	08. Berlin	09. Boston
10. Cairo	11. Chicago	12. Dallas
13. Denver	14. Detroit	15 George Town
16. Hannover	17. Helsinki	18. Honolulu
19. Lisbon	20 London	21. Los Angeles
22. Madrid 25 Montreal	23. Manila/HGKong 26. Moscow	24 Mexico City 27 New York/Miami
28. Paris	29. Phoenix	30 Rio De Janeiro
31. Rome	32. Samoa	33. San Francisco
34. Seattle	35. Seoul	36. Singapore
37. Sydney/MEL	38. Taipei	39. Tehran
40. Vienna	41 Washington	42. Wellington

* Press (Left), (Right) to move to the nearest city on the map.

42 cities including Mexico City are displayed.

* You should set DST(Daylight Saving Time) by city.

Once set, the DST reflected time is displayed.

Game

■ Accessing Game

1. (WWW)[Menu]+(4)[Game]+(1)[Brain Force]/(2)[PUZBUZ]

- See Volume in Sound (P.59) for how to adjust volume.

? BRAIN FORCE

* **Story mode** : The brain force story is unfolded if you press (Under) and (OK).
* **Pair Match** : You can select one of the five characters and play matches with other characters. The game is cleared if you win all other characters.
* **Survival mode** : You can select one of the five characters and play matches until your energy goes down to '0'. The number of characters you won is displayed on the upper part of the LCD screen. If you win, energy and rage gage increase.
* **Options** : You can set the level, time and vibration.

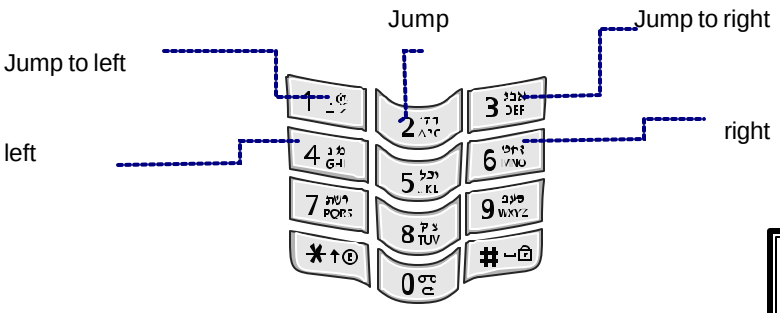
? How to use techniques by character

When the anger gauge reaches a certain level, special techniques (techniques to use Anger Gauge) can be used.

	1. Chris. Dash : 4-4, 6-6 Fist:9 Triple Blow : 9-9-9 Aero Cannon :5-6 Upper kick:8 Lower kick:7 ? Techniques to use anger gauge Atomic cannon: 5-2 Knee Bazoka : 6 -6-6	1. Mark Dash : 4-4, 6-6 Fist:9 Triple Combination : 9-9-9 Aero Cannon: 5-6 Upper kick:8 Lower kick:7 ? Techniques to use anger gauge Atomic cannon: 5-2 Knee Bazoka : 6-6-6
3.jin Dash : 4-4, 6-6 Fist:9 Triple Combination : 9-9-9 Aero Cannon:5 Upper kick:8 Lower kick:7 ? Techniques to use anger gauge Atomic cannon: 6-2 - Jin can attack a fallen enemy.	4. Stacey Dash : 4-4, 6-6 Fist:9 Ultimate Chop Combo: 9-9-9 Psychic Needle : 5-6 Upper kick:8 Lower kick:7 ? Techniques to use anger gauge Rising Grinder: 6-2 - Stacey can attack a fallen enemy.	5. Kimura Body Block : 4-4, 6-6 Fist:9 Lower attack : 8 ? Techniques to use anger gauge Front brain stimulus EOF: 5 -Defeat the enemy with frame. 5. Kimura

? **All techniques here are set for the left side.**

? How to operate keys



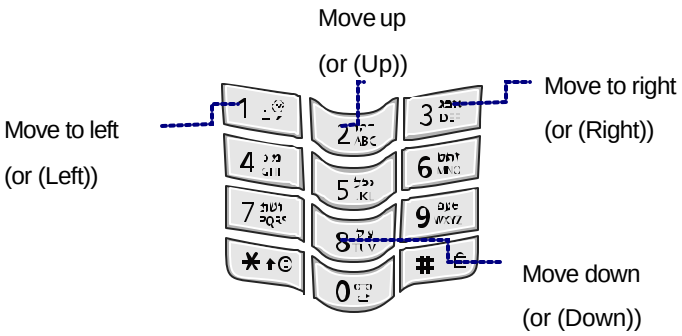
7.8.9: Attack keys

*To attack while jumping, press the jump key and (5).

? PUZBUZ

* **Play Game** : Press (1) Play Game to resume the game.
* **New Game** : Start a new game.
* **Help** : You can view how to play the game, and description on the characters or the items.
*__Option:__ You can select/deselect vibration.
* **Score** : You can view scores by game.
* **Exit** : You can finish the game.

? Basic Operation



5(pr(Ok)):change to male or female depending on the monster

? How to play Game

The hero gets away if he meets the monster from the same castle, and gets near if he meets the monster from other castles. Check the positions of Tippo and the destination on the mini map, dodge the monsters with Up/Down/Left/Right keys, and arrive at the destination and to finish the mission of each stage.

? Character

Name : Tippo (Male)

Age : 15

A boy who wishes to be a warrier. He goes to the forest of darkness to go through the ordeal of Reel.

Name : Reel (Female)

Age : 15

The female character of Tippo who has transformed with the magic ring.

Items		Monsters	
	Name : Sandglass Function : Add 10sec		Name : Demon Sex : Male Move one square at a time
	Name : Spirit water Function : Avoid attach for 5 squares		Name : Demora Sex : Female Move one square at a time
	Name : Bomb Function : Terminate monsters in one horizontal/vertical square		Name : DemonKing Sex : Male Move two squares at a time
	Name : Cross Function : Add 1 to character life		Name : Queen Demora Sex : Female Move two squares at a time
	Name : Gold bar Function : Bonus point		

Setup

■ Option/Auto

You can set the call receiving method with closed slide and the dial font size.

? Option

1. Press (Left)[Menu] + (5)[Setup] + (1)[Option/Auto]

2. Press (1)[Option]

- Select the item with (Up), (Down), and press (OK).

3. Press (SMS)[Save]

* Call receiving method with closed slide

: Open Slide, Open & Press Key, or Press Send Key.

* Dial font size

: Select the font size of the figure displayed on the LCD screen when making a call

? Auto Function

1. Press (Left)[Menu] + (5)[Setup] + (1) [Option/Auto]

2. Press (2)[Auto Function]

- Select the item with (Up), (Down), and press (OK).

3. Press (SMS)[Save]

* You can set [Auto Redialing], [Hands Free]. [Earphone], and enter the local area code.

■ Security

? Auto Lock / Info Lock

You can lock/unlock a specific function of the phone which requires you to enter the password.

1. Press (Left)[Menu] + (5)[Setup] + (2)[Security]

- The default password is '0000'.

2. Press (1) Auto Lock / (2) Info Lock

3. Press (OK)[Sel]

* If you select (1)[Auto Lock], all the functions are locked.

* If you select (2)[Info Lock] is displayed on the upper part of the LCD screen.

? Set Password

1. Press (Left)[Menu] + (5)[Setup] + (2)[Security]

2. Press (3)[Set Password]

* The default password is '0000'.

3. Password + New Password + New Password.

? Init by Function

? Initialize P-book

You can reset P-book to the default status at the purchasing of the phone.

1. Press (Left)[Menu] + (5)[Setup]+ (2)[Security]

- The default password is '0000'.

2. Press (4)[Init by Function] + (1)[Initialize P-Book]

3. Press (OK)[Sel]

- Select "Yes" or "No".

? Initialize System

If you select Master Reset, all the data (P-Book, sent/received messages, memo, Live Bell, Live Screen, bell/Picture/Photo/Video) are deleted except the default bell and picture.

1. Press (Left)[Menu] + (5)[Setup]+ (2)[Security]

- The default password is '0000'.

2. Press (4)[Init by Function] + (2)[Initialize System]

3. Press (OK)[Sel]

- Select "Yes" or "No".

■ Language

You can select an appropriate language among Hebrew, English, Russian.

1. Press (Left)[Menu] + (5)[Setup] + (3)[Language]

2. Press (OK)[Sel]

Use (UP),(Down).

3. Press (OK)[Sel]

■ Memory Info

? Check Memory Info

1. Press (Left)[Menu] + (5)[Setup] + (4)[Memory Info]

2. Press (1)[Memory Info]

- You can check memory information on My Picture, My Bell, Wizard,

? Check 3G-TV Memory Info

1. Press (Left)[Menu] + (5)[Setup] + (4)[Memory Info]

2. Press (2)[3G-TV Memory Info]

- You can check memory information on Photo, Video, Live Bell, Live Screen, 3G-TV, MMS.

■ Call Timers

You can check Last/Total/Lifetime Call for Send Voice, Recv Voice, Use WWW, Send Data and Recv Data.

1. Press (Left)[Menu] + (5)[Setup]+ (5)[Call Timers]

(1) Last Call

- You can check the last send/received call time.

(2) Lifetime Call

- You can check the call time from purchasing of the phone. The record is deleted with master reset (See P.00).

(3) Total Call

- You can check the call time from the last reset.
- Send Voice **:** Total time of calls made
- Receive Voice **:** Total time of calls received
- WWW Use Time **:** Total time of WWW service connection
- Send Data **:** Total time of calls made for wireless data service
- Receive Data **:** Total time of calls received for wireless data service

■ Auto Answer

? Set Auto Answer

1. Press (Left)[Menu] + (5)[Setup] + (6)[Auto Answer]

2. Press (1)[Set Auto Answer]

* Select the item with (Up), (Down), and press (OK).

3. Press (SMS)[Save]

■ Record/Play Greeting Message

1. Press (Left)[Menu]+ (5)[Setup + (6)[Auto Answer]

2. Press (2)[Greeting Message]

3. Press (OK)[Rec]

- Press (SMS)[Save] to save the message.

* The maximum recording time is 30 seconds.

* If a message is already recorded, press (SMS)[Play] to check the recorded voice.

■ S/W Version

1. Press (Left)[Menu] + (5)[Setup] + (7)[S/W Version]

- The S/W version displayed at purchasing of the phone is the release version number.

■ Comm. Setup

? Data Service

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

1. Press (Left)[Menu] + (5)[Setup]+ (8)[Comm. Setup]

2. Press (1)[Data Service] and (OK)[Select] in turn, and select receiving mode.

3. Press (Up/Down) keys to move to the item and Press (OK) [conf].

4. Press (SMS)[Save]

? Incoming 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.

? **Internet Speed**

(?)

- You can use high speed wireless data communication of up to 153 Kbps with CDMA 2000 1X EV-DO 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, (dormant) will be displayed on the upper part of LCD. Fee is not
charged while the is displayed.

? Port Set

Port setting differs depending on the cable for data usage.

? PC Baud Rate

PC Baud Rate : Set interface rate between PC and mobile phone.

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

2. Press (SMS) [Save]..

- The maximum speed in desktop/notebook is 115,200bps.
- It supports up to 64 kbps for communication speed with PC when using IrDA.
- The recommended speed for using fax data service is 19,200 bps. .

? WWW font Config Settings

1. (Left)[Menu] + (5)[Setup]+ (8)[Comm. Setup]

2. (2)[WWW Config]

- The default password is ‘0000’.

3. (SMS)[Save]

- Select the item with (Up), (Down), and press (OK).

IrDA

■ Phone To Phone

You can exchange data with other phone with the IrDA function.

1. Press (Left)[Menu] + (6)[IrDA] + (1)[Phone To Phone]

(1) Receiving Mode

- In order to receive bell/picture/photo/P-book from other phones, select Receive mode. Press (CLR Key) if you want to cancel receiving.

(2) Send Bell

- You can send a bell to other phones. Select the item with (SMS)[Check], and press (OK).

(3) Send Picture

- You can send the animation data to other phones. Select the item with (SMS)[Check], and press (OK).

(4) Send Photo

- You can send the photo data to other phones. Select the item with (SMS)[Check], and press (OK).

(5) Send Phone Book

* You can Book data to other phones. Select the item and press (OK).
(You can check the required item only in Send by Group.)

■ Phone To PC

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

? Phone Settings

1. Press (Left)[Menu] + (6)[IrDA]+ (2)[Phone To PC]

2. Select the required item by moving (Up),(Down).

3. Press (OK).

* If IrDA is connected with PC, is displayed on the main LCD.

* IrDA communication is available when the IrDA window of the phone is within 30° and 10cm from the IrDA window of the PC.

* If Phone To PC communication does not function for over 10 minutes, connection is released and is disappeared.

? PC Settings

Because SK-7200 has the IrDA function built-in, you can use the data manager and the data service with the PC with the IrDA function.

1. The PC with the IrDA communication device needs to have the IrDA communication program.

2. In "Start ? Setting ? Control Board", double click the [IrDA] icon.

3. Before IrDA communication, check if "Virtual IrDA COM port" or "IrDA device connected port (COM3, COM4, and etc.)" is selected in the settings for Data Manager or Hyper Terminal.

* The virtual IrDA COM port is supported in Windows 2000/XP.
* The phone supports IrDA communication with PC at up to 64Kbps.
* Refer to the PC manual for IrDA setting in the PC.

■ IrDA Communication Details

? Phone To Phone IrDA communication

1. Send Bell, Send Picture, Send Photo

In order to send a locked item, enter the password.

If you select to send all, all items except the locked item are sent.

2. Send Phone Book

* Send All : You can send the entire P-book.
* By Group : You can send the P-book by group.
* By Name : You can send the P-book by name.
* Turbo Dial : You can send the Turbo Dial numbers.
* My Info : You can send your information. The information is stored in [No Group].
* If the same name is already in the phonebook, a message appears, asking you if you want to overwrite. If you select [Yes to all], all the data are overwritten without further confirmation messages.
* When you send the P-book to another phone that does not support two phone numbers of the same kind, if two or more phone numbers of a person of the same kind are sent, only one phone number is received.

Call receive ratio can be lowered during IrDA communication.

Appendix

■ Menu Structure

You can find the menu with the function keys, and press the Numeric key.

STEP	STEP 1	STEP 2	STEP 3
Menu (Left Key)	1. Sound	1. Ring/Vibrator	
		2. Set Group Ring	
		3. Slide Effect	
		4. Sound Effect 5. Select Vib Mode	
		6. Volume	
		7. Missed Call	
	2. Display	1. Decoration	
		2. Set Picture	
		3. Menu Theme	1. Basic
			2. Special
		4. Light	
		5. Set Service Lamp	
		6. Closing Slide	
	3. Info. Manager	1. Scheduler	
		2. Alarm Clock	
		3. TO Do 4. My Memo	
		5. Calculator	
		6. Stop Watch	
		7. World Time	
	4. Game	1. Brain Force	
		2. PuzBuz	
	5. Set up	1. Option/Auto	1. Option
			2. Auto Function
		2. Security 3. Language	1. Hebrew

			2. English
			3. Russian
		4. Memory Info	
		5.Call Timers	1. Last Call
			2. Lifetime call
			3. Total Call
		6. Auto Answer	1. Set Auto Answer
			2. Greeting Message
		7. S/W Version	
		8. Comm. Setup	1. Data Service
			2. WWW fontConfig
		9. Select System	
	6. IrDA	1. Phone to Phone	1. Receiving Mode
			2. Send Bell
			3. Send Picture
			4. Send Photo
			5. Send Book
		2. Phone to PC	
Phone Book (Right Key)	1. Speed Search		
	2. Search by Name		
	3. Search by Number		
	4. New Entry 5. Edit Turbo Dial		
	6. Memory Group		
	#. My Info.		
Message (SMS key)	1. In-Box	1. Text Msg	
		2. Voice Msg	
		3. Saved Msg	
	2. Out-Box	1. New Message	
		2. Outgoing Message 3. Sent Message	
		4. Phrase	
	3. MMS (Multimedia Messaging Service)	1. New Message	
		2. In-Box	
		3. Out-Box	
		4. Draft-Box	

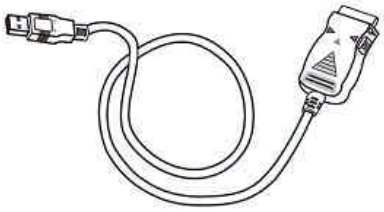
		5. Alert Box	
	4. Set Msg Alert	6. Manager 1. Alert Type	
		2. Alarm Tone	
		3. Alarm Volume	
		4. Alert in Call	
	5. Delete All Msg	1. Text Msg	
		2. Voice Msg	
		3. Saved Msg	
		4. Outgoing Message	
		5. Sent Message	
		6. Phrase	
		7. All Messages	
WWW Key	1. Internet Portal		
	2. Games & Apps	1.Activate	
		2.Download	
	3. A-Gps		
	4.Preloaded Apps	1. Email	
		2. Voice Phone Book	
		3. Outlook	
		4. Icamera	
	5. Ringtones	1.Download	
		2.Activate	
	6. Animations	1.Download	
		2.Activate	
	7. Voice Portal		
	8. SMS Info.	1.News	1.News Headlines
			2.Israel News
			3.World News
		2.Sport	1.Sport
			2.NBA League
			3.BasketballLeague
			4.ToTo Results
		3.Entertainment	1.EntertainmentNews 2.Cinema
		4.Fun	1.Joke
			2.Fortune Cookie

			3.Interesting Facts
			4.Tarot Cards
			5.Today before
		5.Finance	1.Finances News
			2.Stock Exchange
			3.USD Rate
		6.Astrology	1.Carpricorn
			2.Aquarius
			3.Pisces
			4.Aries
			5.Taurus
			6.Gemini
			7.Cancer
			8.Leo
			9.Virgo
			10.Libra
			11.Scorpion
			12.Sagittarius
Side Key-1 (Camera Key)	8. What New?		
	1. Take Photo		
	2. Take Video		
	3. Photo Mgmt		
	4. Video Mgmt		
	5. Camera setting		
3G-TV/OK	1. Video Portal		
	2. Music	1. Download Music	
		2. Play List	
	3. TV Channel		
	4. Multimedia	1. Download New Item	
		2. My Live Bell	
		3. My Live Screen	
		3. My Box	
	5. Video & Photo Mail	1. New Message	
		2. In-Box	

		3. Out-Box	
		4. Draft-Box 5. Alert-MMS	
		6. Manager	
	6.Configuration	1. Set Music Skin	
		2. Play Mode	
		3. Memory Info	
		4. Live Screen Sound	
Up Key (Multimedia)	1. Photo Mgmt 2. Video Mgmt		
	3. Media Album		
	4. Live Bell		
	5. Live Screen		
	6. My Bell		
	7. My Picture		
	8. My MP3		
	#. Memory Mgmt		

Option

These are optional products you can separately purchase besides the basic component of E1EP.



Data Cable (IMCBL-901C)

Data Manager Function

* Edit PIM Phonebook *Selecting Incomming melody *Select Animation
* Messsage function *Environment Setting *Manage Scheduling

Q & A

< Phone >

- I made a phone call, only to hear beep and failed to make connection.

All the channels in the area are engaged or the phone is not connected with the base station. Press (End) and then (Send) to redial to the last dialed number.

- The antenna level changes severely, and even when the antenna level is high, the phone sometimes fails to receive the signal.

If the phone is inside a building, in an underground area, inside a tunnel, near a high building or mountain, the radio wave can be interrupted.

< Camera >

- White dots are displayed on the screen, and the scene on the screen is not clear.

The camera lens is stained with foreign substance. Wipe the lens with soft cloth.

If the problem still exists, contact the nearest service center.

- How can I get the better photos in the dark?

You cannot take the clear view when you taking a photo in the dark because it takes time that the camera sensor adjusts exposure automatically. If you are in the dark, wait for about 3~5 seconds after switching on the camera, and take the photo after the camera is fully adapted to the darkness.

- Taking a video is stopped even if the phone has enough memory.

Because the video file is stored in the temporary memory space and then converted to the

permanent memory space, the temporary memory space after the file is moved to the permanent memory is appeared as a remaining memory space.

Safety Guideline

Provided herein is the TIA Safety Information for Wireless Handheld phones. Inclusion of this text in the terminal unit's owner's manual is required for CTIA Certification.

■ TIA Safety Information

Provided herein is the complete TIA Safe ty Information for Wireless Handheld phones. Inclusion of the text covering Pacemakers, Hearing Aids, and Other Medical Devices is required in the owner's manual for CTIA Certification. Use of the remaining TIA language is encouraged when appropriate.

? EXPOSURE TO RADIO FREQUENCY SIGNALS

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

ANSI C95.1 (1992)*
NCRP Report 86 (1986)
ICNIRP (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific

American National Standards Institute; National Council on Radiation Protection and Measurements; International Commission on Non-Ionizing Radiation Protection

literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

The design of your phone complies with the FCC guidelines (and those standards).

? ANTENNA CARE

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

? PHONE OPERATION

NORMAL POSITION: Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

? Body-Worn Operation

To maintain compliance with FCC RF exposure guidelines, if you wear a handset on your body, use the carrier supplied or approved carrying case, holster or other body-worn accessory.

If you do not use a body-worn accessory, ensure the antenna is at least 2.0 centimeters from your body when transmitting.

For more information about RF exposure, visit the FCC Website at **www.fcc.gov.**

If you have any question, Please contact me as following information;

TIPS ON EFFICIENT OPERATION:

■ Antenna

For your phone to operate most efficiently, extend your antenna fully.

Do not touch the antenna unnecessarily when the phonies in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level the otherwise needed.

American National Standards Institute; National Council on Radiation Protection and Measurements; International Commission on Non-Ionizing Radiation Protection

■ DRIVING

Check the laws and regulations on the use of wireless telephones in the areas where you drive. Always obey them. Also, if using your phone while driving, please:

? T Give full attention to driving -- driving safely is your first responsibility;

? T Use hands-free operation, if available;

? T Pull off the road and park before making or answering a call if driving conditions so require.

■ ELECTRONIC DEVICES

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

? Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:
? T Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON;
? T Should not carry the phone in a breast pocket;
? T Should use the ear opposite the pacemaker to minimize the potential for interference .
? T If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

? Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider. [or call the customer service line to discuss alternatives.] Optional for each phone manufacturer.

Hearing Aid Compatibility with Mobile Phones

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their

box or a label on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

? Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.
Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

? Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

? Posted Facilities

Turn your phone OFF in any facility where posted notices so require.

? AIRCRAFT

FCC regulations prohibit using your phone while in the air. Switch OFF your phone before boarding an aircraft.

? BLASTING AREAS

To avoid interfering with blasting operations, turn your phone OFF when in a “blasting area” or in areas posted: “Turn off two-way radio”. Obey all signs and instructions.

? POTENTIALLY EXPLOSIVE ATMOSPHERES

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always marked clearly. Potential areas may include: fueling areas (such as gasoline stations); below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles (such as grain, dust, or metal powders); and any other area where you would normally be advised to turn off your vehicle engine.

? For Vehicles Equipped with an Air Bag

An air bag inflates with great force. DO NOT place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless

equipment is improperly installed and the air bag inflates, serious injury could result.

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.

Patent Indication

In accordance with Clause 7.1 of Subscriber Unit License Agreement, the following phrase should be marked inside or outside the phone, and on the package.

"Licensed by QUALCOMM Incorporated under one or more of the following Patents" The above phrase will be followed by the Qualcomm patent number.

Spec and Features

Range of Frequency Used		TX : 824.040 ~ 848.970MHz RX : 869.040 ~ 893.970MHz
Accuracy of the frequency		Within Hz of assigned frequency
Size		103.4 x 48 x 24.2 (mm) With Standard Battery:
Weight		104 (g) With Standard Battery:
TX output		0.32 W ± 50%
Operation Temperature	Phone	-20 C ~ +50 C
	Charger	0 C ~ + 40 C
Relative Humidity		5% ~ 95%

Mobile Phone Data

Model Name		SK-7400
Date of Purchase		
Purchased From	Business Name	
	Telephone No.	
Serial No.		
Phone No.		
Password		