

K2000 Phone

User's Manual

Thank you for purchasing Kyocera cellular phone!

Product registration is an important step toward enjoying your new product. Registering helps us facilitate warranty service, and permit us to contact you should your product require an update or other service. Registration is not required for warranty coverage.

Please retain your original dated sales receipt for your records.

Please read safety information prior to use.

The content of this manual and functions of cellular phone are subject to change depending on the software version.

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PRIOR TO USE

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Safety Information

For the safe and efficient operation of your phone, observe the following guidelines:

When using this phone, basic safety precautions should always be followed to reduce the risk of fire, electric shock, or personal injury. Read this information before using your phone.

1. Read and understand all instructions. Follow all warnings and instructions marked on this unit.
2. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
3. Do not use this unit near water, for example, near a bathtub, washbowl, kitchen sink, or similar.
4. Place this unit securely on a stable surface. Serious damage and / or injury may result if the unit falls.
5. Do not cover the slots and openings on the unit. They are provided for ventilation against overheating. Never place the unit near radiators, or other sources of heat, or in a place where proper ventilation is not provided.
6. Use only the power source marked on the unit. If you are not sure of the type of power supplied to your home or office, consult your dealer or local power company.
7. Do not place objects on the power cord. Install the unit where no one can step on or trip on the cord.
8. Do not overload wall outlets and extension cords. This can result in the risk of fire or electric shock.
9. Never push any objects through the slots in the unit. This can result in the risk of fire or electric shock. Never spill any liquid on the unit.
10. To reduce the risk of electric shock, do not disassemble this unit. Take the unit to an authorized dealer when service is required. Opening or removing covers may expose you to dangerous voltages or other risks and may void the warranty. Incorrect reassembly can result in electric shock when the unit is subsequently used.
11. Unplug the unit from the wall outlet and refer to an authorized dealer when the following conditions occur:

- a. If liquid has been spilled into the unit.
 - b. If the unit has been exposed to rain or water.
 - c. If the unit does not work normally by following the operating instructions. Adjust only the controls covered by the operating instructions. Improper adjustments may damage the unit.
 - d. If the unit has been dropped or is physically damaged.
 - e. If the unit exhibits a distinct change in performance.
 - f. When the power cord or plug is damaged or frayed.
12. Do not use this unit to report a gas leak when in the vicinity of the leak.
13. NEVER attempt to remove the antenna while the phone is in use or switched on. Always disconnect the AC supply and remove the batteries before disconnecting the antenna. Failure to take this precaution may result in damage to the phone and void the warranty.
14. The batteries are for emergency backup only. Connect the AC supply and confirm that the telephone is working normally before installing the batteries. This phone is not intended for use without the AC adapter.
15. In the event of power failure the call may be disconnected.
16. Replace the batteries every six months to ensure proper service in the event of power failure.
17. Making changes to the Network Settings section may prevent the phone from functioning normally.

Everyday Use of Your Phone

For normal operating position, hold your phone as you would any other telephone, with the antenna pointed up and over your shoulder.

Do not touch the antenna unnecessarily when your phone is in use, as this will affect call quality and may cause the phone to operate at a higher power level than otherwise needed.

As with any other radio transmitting equipment, you are advised that for the satisfactory operation of your phone and for your own safety, you should use your phone only in the normal operating position.

Using Your Phone in a Vehicle

Safety comes first, and is the ultimate responsibility of the driver. Please: Give full attention to driving – driving safely is your first responsibility.

Use Hands-free Kit, if available.

If you have those kits make sure it is done pre-programmed numbers where possible, and keeping calls brief and to a minimum.

If you don't have a Hands-free Kit, pull off the road and park your vehicle before making or answering a call in driving conditions so require.

Radio Frequency (RF) Exposure and SAR

This phone is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

The exposure standard for this phone employs a unit of measurement known as the Specific absorption Rate, or SAR. The SAR limits set by the FCC are 1.6W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the output power. Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified by the FCC that it does not exceed the limits established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) that conform to a uniform testing methodology determined by an expert standards body and then reported to the FCC. The highest SAR values for this model phone when tested for use on the body will 0.363W/kg (GSM 850MHz head), 1.040W/kg (GSM 850MHz body), 0.570W/kg(GSM 1900MHz head) and 0.853W/kg (GSM1900MHz body).

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While there may be differences between the SAR levels of various phones and at various positions, they all met the governmental requirements for safe exposure. Please note that improvements to this product model could generate differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

The SAR Body-worn testing was performed with a 15mm air gap. The Users must be informed that they must maintain 15mm separation to the body when using body-worn accessories and the accessories must not contain metallic components.

Caution

Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC compliance Information

This device complies with part 15 of FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received. Including interference that may cause undesired operation.

Information to User

This equipment has been tested and found to comply with the limits for a Class B digital device, Pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio Frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Pacemakers

The Health industry Manufacturers Association recommends that a minimum separation of six inches be maintained between a mobile phone and a pacemaker to avoid potential interference with the pacemaker. Users with pacemakers:

Always keep your phone at least 20 cm (6inches) from your pacemakers when the phone is switched on.

Do not carry your phone in your breast pocket.

Use the ear opposite the pacemakers to minimize the potential for interference.

Switch off your phone immediately if you suspect that interference is being caused.

Hearing Aids

Some mobile phones, including your mobile phone, may interfere with certain hearing aids. In the event of such interference you may consult the hearing manufacturer to discuss alternatives.

Other Medical Devices

If you use any other medical devices, please consult a physician or the manufacturer of the medical devices to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Always check the regulations of the healthcare facilities, which generally request that all mobiles are switched off on entry.

Operating Environment

Remember to follow any special regulations in force in any area, and always turn off your phone wherever it is forbidden to use it, or when it may cause interference or danger.

Aircraft Safety

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

Explosive Atmospheres and Materials

Turn your phone off and do not remove the battery when in any area with a potential explosive atmosphere and obey all signs and instructions. You must observe restrictions on the use of radio equipment in fuel depots; below deck on boats; fuel or chemical transfer or storage facilities; areas where the air contains chemicals or particles, such as grain, dust, or metal powders; areas with signs about explosive atmospheres or where blasting operations are in progress; any other areas where you would normally be advised to turn off your vehicle engines.

For Vehicle Equipped with an Air Bag

Al air bag inflates with great force. Do not place objects, including both installed and portable wireless equipment, in the area over the air bag or in the air bag development area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Battery

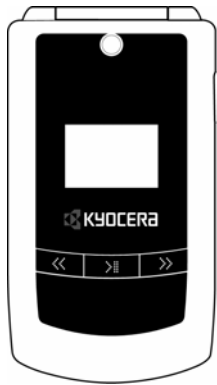
Batteries can cause property damage and/or bodily injury such as burns if conductive materials such as jewelry, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse or other container with metal objects. Use only K2000 original batteries and chargers.

- User Information regarding FCC label requirements.

The label will be visible at the time of purchase because the battery is installed by the user before the first use.

Unpacking

1. Handset

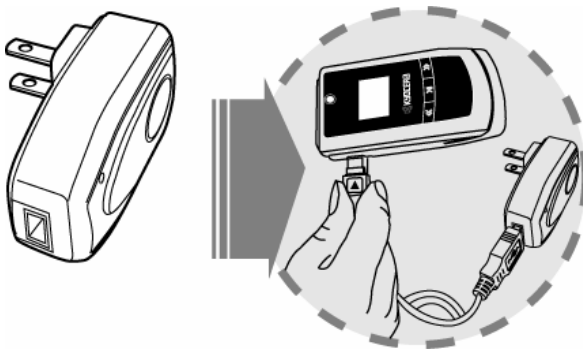


K2000 Cellular Phone

2. Battery and Travel Charger

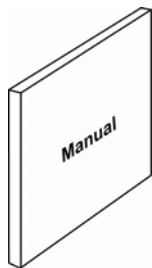


Battery

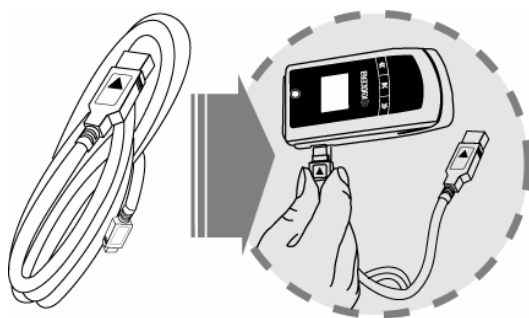


Travel Adaptor

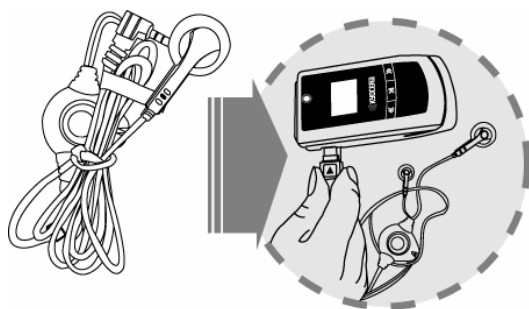
3. Accessories



User Manual

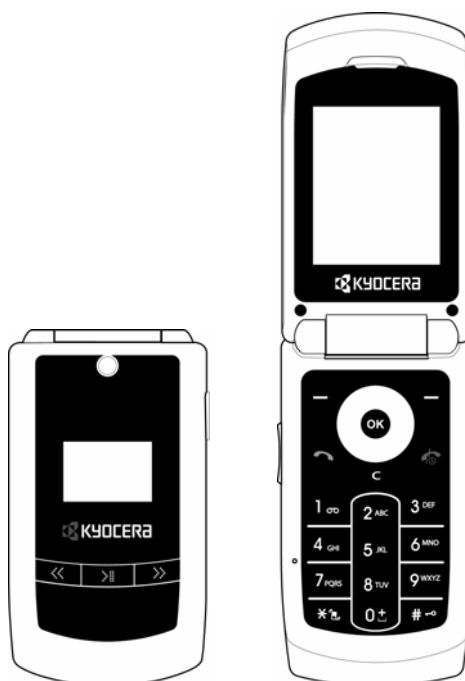


USB Data cable



Ear phone

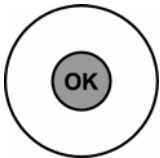
Phone Layout and Key Description



Function Keys

Left Soft Key 	[Basic Function] Performs the functions indicated by the text in the left-bottom line of the display screen. Usually works as 'selection' key [Idle Mode] Enter main menu [MPEG4 Mode] Play & Pause MPEG4 file
Right Soft key 	[Basic Function] Performs the functions indicated by the text in the right-bottom line of the display screen. Usually works as 'backward' key [Idle Mode] Enter Phonebook list menu [MPEG4 Mode] Stop playing MPEG4 file

	Makes or answers a call. In the idle mode, launches the call log menu.
	Ends a call. Also switches the phone on or off when pressed and held. In the menu, returns to the idle mode or cancels your input.
	Clear Key, Usually works as 'cancel' key

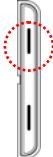
Navigation Keys	
	[Idle Mode] Enter WAP browser mode (press and hold) [Text Input Mode] Switch the input methods
	[Basic Function] move the cursor or selection bar up (Text edit mode or menu mode) [Idle Mode] Initiates the Audio Player. [Camera Mode] Zooms in, magnifying the image (Digital Zoom Function) [Audio Player Mode] Play & Pause MP3 file
	[Basic Function] move the cursor or selection down (Text edit mode or menu mode) [Idle Mode] Enter the Alarm menu. [Camera Mode] Reduce the image (Digital Zoom Function) [Audio Player Mode] Stop playing MP3 file
	[Basic Function] move the cursor or selection left (Text edit mode or menu mode) [Idle Mode] Enter the User Profiles menu. Set up alert tones.

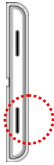
	[Camera Mode] Adjust the Exposure Level [Audio Player Mode] Go to previous MP3 file [Video Player Mode] Rewind the video file
	[Basic Function] move the cursor or selection right (Text edit mode or menu mode) [Idle Mode] Enter the Tone Setup menu [Camera Mode] Adjust the Exposure Level [Audio Player Mode] Go to next MP3 file [Video Player Mode] Fast forward the video file

Alphanumeric Keys

	[Press] Enter number and string [Press and Hold]  : Enter '+' (international call)  : On and Off silent mode [Video Play Mode] Wide screen view
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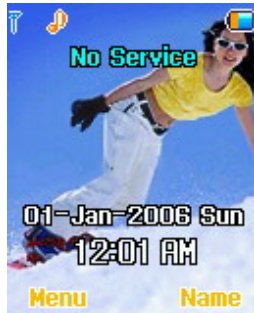
Side Keys

	[Basic Function] move the cursor or selection bar up in menu mode [Idle Mode] Increase the key-tone volume [Audio/Video Player Mode] Increase the volume
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	[Basic Function] move the cursor or selection down (Text edit mode or menu mode) [Idle Mode] Decrease the key-tone volume [Audio/Video Player Mode] Decrease the volume
	[Short Press] Enter the Camera Mode [Press and Hold] Enter the Take Video Record Mode

LCD Icon Description

This picture will be changed later



- ← Fixed Icon Area
- ← Network Status Area
- ← User Setting Screen Area
- ← Time & Date Area
- ← Soft Key Area

Icon	Description
Rssi Bar	Shows the received signal strength. The greater the number of bars, the better the signal strength.
Battery Bar	Shows the current battery charge level. The green area shows charge level of battery.
	Appears when the alarm clock is set.
	Appears GPRS Mode is on
	Indicate the phone number line you select
	Show Phone Lock mode
	Roaming
	Appears when you miss call
	Appear when e-mail has been received
	Appear when FAX has been received
	Appears when Voice mail has been received
	Appears when SMS has been received
	Appears when MMS has been received
	Appears when MMS client is busy
	Appears when phone is mute mode
	Appears when alert mode is selected as ring
	Appears when alert mode is selected as Silent
	Appears when alert mode is selected as Vibrator
	Appears when alert mode is selected as Vibration and Ring
	Appears when alert mode is selected as Vibration then

	Ring
	Appears when WAP push is arrived
	Appears when stopwatch application is undergoing

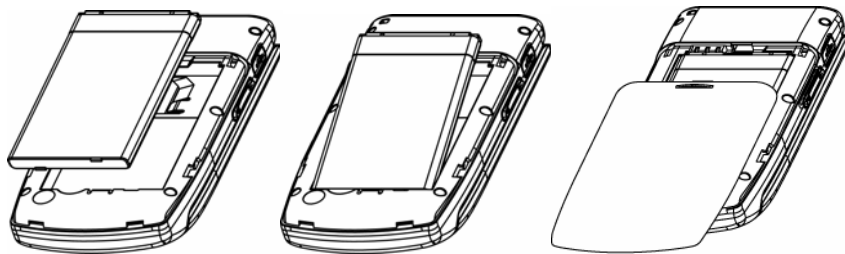
Inserting Battery

How to insert the battery

- a. Align the bottom of the battery with the slot in the bottom of the phone.
- b. Then sit the battery on the back of the phone until it clicks into place.

How to remove the battery

- a. Turn off your phone first.
- b. Push up the battery release latch
- c. Slowly lift the battery away from the up.



How to charge the battery

- a. Plug your charger in the wall socket.
- b. Connect the other end to the interface connector on the bottom of the phone.
- c. Battery can be charged if you connect USB cable to your PC from the phone.

! Note

The phone will automatically check the battery status while the charger connector is installed on the phone. Once it detects that the battery level

- Full status, it automatically recharges the battery.
- Normally the phone completes battery charging in one hour.
- For a new or completely discharged battery, it takes at least 4 hours of charging to achieve optimum performance.
- You can make calls while charging your phone.
- Do not charge the phone without the battery in place.

Inserting SIM Card

SIM Card provides additional services and functions besides making a call.

These functions will only display and work on the menu of the phone if your SIM card supports them. Some menu may not be shown depending on the SIM card supplied.

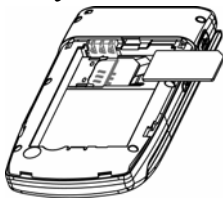
The content and the terms of the function lists will depend on your network service provider.

Please contact your network service provider (a network operator or the service provider) regarding availability of services related to the SIM card, application information and the costs.

How to place the SIM card

Ensure the phone is powered off and the travel charger is detached first before you start the following steps.

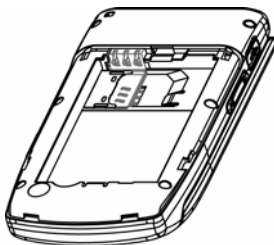
Orientate your SIM card with its gold contacts facing downwards and push it fully into the holder as show below.



How to remove the SIM card

Ensure the phone is switched off and the travel charger is detached first before you start the following steps.

- a. Remove the battery.
- b. Remove the SIM card from the holder.



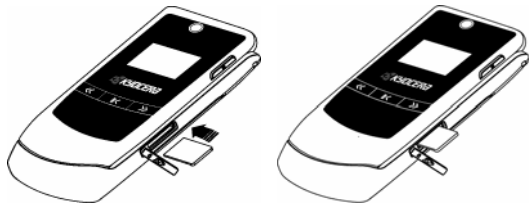
! Note: The SIM card is a computer chip containing information about your subscription, security, phonebook etc. When you register as a subscriber with GSM network operator, you are provided with the SIM card. Always handle the SIM card with care and insert with the gold contacts facing down.

Inserting SD Card

SD Card provides large storage capacity for use with phone. It is compatible with TransFlash and full size SD slots when used with an adaptor.

How to place SD card

Open the SD card slot on the right side of phone and ensure the direction of the SD card with its gold contacts facing forward and gently press until hearing click sound.



How to remove the SD card

Open the SD card slot on the right side of phone and gently press until hearing click sound, then the SD card comes forward.

! Note: Please don't forget insert with the gold contacts facing up.

BASIC FUNCTIONS

- Power On/Off
- Call Function
- Multimedia Function
- Text Input Mode
- Phonebook

Power On/Off

To switch your phone On and Off, make sure that the battery is inserted.

- ① Open the folder.
- ② To switch your phone on, press and hold down [END] until you hear the power-on melody.
- ③ To switch your phone off, press and hold down [END] until you hear the power-off melody.

! Note : Some SIM card may be protected with PIN. If Enter PIN is prompted, enter your PIN and then press [Ok soft key]. For more details, please see Security Setting in 'Operation – Menu'.

Call Function

Making a Call

To make a call with your phone, insure that phone screen is idle mode, then key in the area code and phone number using the numeric keys and press the Dial & Menu confirmation key.

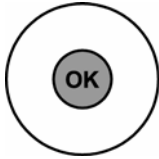
You can hear the connect tone when the call is answered by the called person, if you set the Connect tone to ON.

Making International Calls

Press and hold the '0' key to display "+" character.

Enter the country code, area code (without the leading zero) and the phone number. And then press the Dial & Menu confirmation key. The '+' tells the network that the call is international.

Edit Phone Number

Key	Description
	[Press] Delete a digit on the left side of cursor [Press and Hole] Delete the whole digit
	Move cursor to the digit you want to edit

Using Phonebook

You can store the names and phone numbers dialed regularly in the SIM card and phone memory.

- ✓ See Phonebook List : If you want to go to the phonebook list, push right soft key, and then choose the name what you want to find using Navi-Up & Down keys. Push Dial key when you want to make a call or push left soft key to go to option menu.
- ✓ Search Phonebook : If you want to search phonebook list with special

name, **push right soft key and then** push navi-down key, and then enter the name what you want to find. Input full name or even a start letter and select “OK” menu. If there is the name you want to call, choose the name by moving navi-up & down key. Push Dial key when you want to make a call or push left soft key to go to option menu.

Making a Call from Message

You can make a call from message by pushing Dial & Menu Confirmation key when the message you want to call back is highlighted. And you can also make by choosing “Call Back” Menu in the option of “Inbox” after you read a message.

Redialing the last Number

The phone stores the last **30** numbers dialed. To recall any of these numbers, proceed as follows.

- ① Press the Dial key to display a list of the last numbers.
- ② Use Up & Down navigation keys to scroll through the numbers until the required number is highlighted.
- ③ Dial the number highlighted

Ending a Call

When you have finished your call, briefly press the Menu exit key, or close the folder.

Answering a Call

When you answer a call, the phone rings or vibrates according to the setting with the incoming call animation.

When the caller can be identified, the caller’s phone number and name, if stored in phonebook, will be displayed. If the caller cannot be identified, only the caller’s phone number will be displayed.

- ✓ If necessary, open the folder. Press the Dial & Menu confirmation key. If the **Any key Answer** option is set to **ON**, you can press any key to answer a call except for the power on/off key when the folder is open.
 - To reject an incoming call, press and hold the volume keys on the right side of the phone without opening the folder.
 - If the **Cover Answer** option is set to **ON**, you do not need to press any key. You can answer the call simply by opening the folder when

the folder is closed.

- ✓ End the call by closing the phone or pressing the Menu exit key.

Emergency Call

Ensure that the phone is switched on and in service.

Enter the emergency number (Official emergency number or another official emergency number) and press the Dial & Menu confirmation key. Give your location. Do not end the call until given permission to do so.

End the call by closing the folder or pressing the Menu exit key.

! Note : In the situation such as power-on that **Enter Lock Code** or **Enter PIN** is prompted, Some network may not allow the emergency call and may request to insert SIM card.

Entering a “Pause” Character in a Dial String

A pause (“P”) character may be entered into a dial string by pressing the left special function key(“*”) three times.

Adjusting Earpiece Volume

During a call, you can adjust the earpiece volume by pressing up side or down side of folder key on the right side of this phone. If you want to change keypad tone, press up side or down side of folder volume key in idling mode.

Using the Earphone

If you insert the earphone to the jack of your phone, you can use it in the same way as your phone’s earpiece and microphone.

You can answer or end a call by pressing the hook button on the earphone.

To answer another call while you are on the phone, you can answer the waiting call by pressing the hook button on the earphone.

Multimedia Function

Camera

If you want to take a photo, please follow the procedure as below

- ① Open the folder.
- ② Press 'Camera' key to enter camera mode
- ③ Press 'Wap' key to take a photo
- ④ If you want to save the image, press save button and write the title, otherwise press back button.

! Note: For more detailed information about this and other functions of camera, you can refer to the below menu. (II Operation instruction => A. Menu Operation => 5. multimedia)

Video Recorder

If you want to take a video in your phone, choose the [Video Recorder] menu in [Multimedia] menu.

- ① Open the folder.
- ② Choose the [Video Recorder] menu in [Multimedia] menu **or press and hold "Camera key" to enter video recorder mode**
- ③ Press the 'Wap' key to take a video.

! Note: For more detailed information of the functions of camcorder, you can refer to the below menu (II Operation instruction => A. Menu Operation => 5. multimedia)

Video player

If you want to play MPEG4 file, please follow the procedure as below

- ① Open the folder.
- ② Choose the [Video Player] menu in [Multimedia] menu.
- ③ Press 'Wap' key to play MPEG4 file.

! Note: For more detailed information of the functions of Video Player, you can refer to the below menu (II Operation instruction => A. Menu Operation => 5.

multimedia)

Audio player

If you want to play MP3 file, please follow the procedure as below.

- ① Open the folder
- ② Choose the [MP3] menu in [Multimedia] menu.
- ③ Press play button to play MP3 file or press left soft key (List) to enter MP3 file list

Or,

- ① Press and hold the play key on the folder closed status.

! Note: For more detailed information of the functions of Audio Player, you can refer to the below menu (II Operation instruction => A. Menu Operation => 5. multimedia)

Text Input Mode

Text Input mode general

You can input and edit text by this phone.

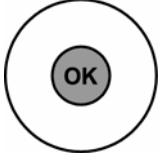
- ✓ Write and edit a message (SMS/MMS)
- ✓ Enter Name (Phonebook)
- ✓ Search mode
- ✓ Write and edit the name of photo (Camera)
- ✓ Write and edit the name of bookmark and WAP profile (WAP)

Text Input Methods

Mode	Screen (SMS writing mode)	Mode	Screen (SMS writing mode)
Multitap ES		Multitap es	
Smart ES		Smart es	
Multitap ABC		Multitap abc	
Smart ABC		Smart abc	

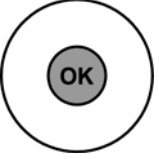
MultiTap Spanish mode (ES, es)

Key	Description
	[Option Soft Key] Go to option menu screen
	[Press] Clear a character [Press and Hold] Clear the entire entry
	[Press] Move the cursor to the left direction by a character [Press and Hold] Scroll the cursor leftward.
	[Press] Move the cursor to the right direction by a character [Press and Hold] Scroll the cursor rightward.
	[Press] Move the cursor one line up [Press and Hold] Scroll the cursor upward
	[Press] Move the cursor one line down [Press and Hold] Scroll the cursor downward
	Go back to the idle screen
	Insert a blank or “0”
	Insert symbols (. , - ? ! ’ @ : # \$ / _ 1)
	Select Spanish characters. Switch the character until the desired character is highlighted by pressing the alphanumeric key from 2 to 9.
	Select Symbols.

	Switch the input methods.
	Switch the input methods.

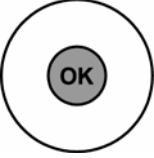
Smart Spanish mode (ES, es)

Key	Description
	[Option Soft Key] Go to option menu screen
	[Press] Clear a character [Press and Hold] Clear the entire entry
	[Press] Move the cursor to the left direction by a character [Press and Hold] Scroll the cursor leftward.
	[Press] Move the cursor to the right direction by a character [Press and Hold] Scroll the cursor rightward.
	[Press] Move the cursor one line up [Press and Hold] Scroll the cursor upward * When entering a word and highlighted, swap words in database.
	[Press] Move the cursor one line down [Press and Hold] Scroll the cursor downward * When entering a word and highlighted, swap words in database.
	Go back to the idle screen
	Insert a blank or “0”

	Insert stroke ‘.’, ‘:)’, ‘: -)’
 	Select Spanish characters. Switch the character until the desired character is highlighted by pressing the alphanumeric key from 2 to 9.
	Select Symbols.
	Switch the input methods.
	Switch the input methods.

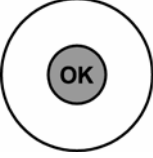
MultiTap English mode (ABC, abc)

Key	Description
	[Option Soft Key] Go to option menu screen
	[Press] Clear a character [Press and Hold] Clear the entire entry
	[Press] Move the cursor to the left direction by a character [Press and Hold] Scroll the cursor leftward.
	[Press] Move the cursor to the right direction by a character [Press and Hold] Scroll the cursor rightward.
	[Press] Move the cursor one line up [Press and Hold] Scroll the cursor upward

	[Press] Move the cursor one line down [Press and Hold] Scroll the cursor downward
	Go back to the idle screen
	Insert a blank or “0”
	Insert symbols (. , - ? ! ' @ : # \$ / _ 1)
	Select English characters. Switch the character until the desired character is highlighted by pressing the alphanumeric key from 2 to 9.
	Select Symbols.
	Switch the input methods.
	Switch the input methods.

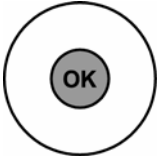
Smart English mode (ABC, abc)

Key	Description
	[Option Soft Key] Go to option menu screen
	[Press] Clear a character [Press and Hold] Clear the entire entry
	[Press] Move the cursor to the left direction by a character [Press and Hold] Scroll the cursor leftward.

	[Press] Move the cursor to the right direction by a character [Press and Hold] Scroll the cursor rightward.
	[Press] Move the cursor one line up [Press and Hold] Scroll the cursor upward * When entering a word and highlighted, swap words in database.
	[Press] Move the cursor one line down [Press and Hold] Scroll the cursor downward * When entering a word and highlighted, swap words in database.
	Go back to the idle screen
	Insert a blank or "0"
	Insert stroke ‘.’, ‘:)’, ‘: -)’
	Select English characters. Switch the character until the desired character is highlighted by pressing the alphanumeric key from 2 to 9.
	Select Symbols.
	Switch the input methods.
	Switch the input methods.

Numeric mode

Key	Description
	[Select Soft Key] Accept the string entered on the edit screen [Option Soft Key] Go to option menu screen

	[Press] Clear a character [Press and Hold] Clear the entire entry
	[Press] Move the cursor to the left direction by a character [Press and Hold] Scroll the cursor leftward.
	[Press] Move the cursor to the right direction by a character [Press and Hold] Scroll the cursor rightward.
	[Press] Move the cursor one line up [Press and Hold] Scroll the cursor upward
	[Press] Move the cursor one line down [Press and Hold] Scroll the cursor downward
	Go back to the idle screen
	Input numbers
	Select Symbols
	Switch the input methods.
	Switch the input methods.

Insert Symbols mode

Key	Description
-----	-------------

	Accept the symbol selected on the symbols screen, and then turns to the edit screen.
	Back to the previous mode.
	[Press] Move the cursor to the left direction by a character [Press and Hold] Scroll the cursor leftward.
	[Press] Move the cursor to the right direction by a character [Press and Hold] Scroll the cursor rightward.
	[Press] Move the cursor one line up [Press and Hold] Scroll the cursor upward
	[Press] Move the cursor one line down [Press and Hold] Scroll the cursor downward
	Go back to the idle screen

Phonebook

You can store phone numbers and its corresponding names in the memory of your phone and SIM card. The SIM card and phone memories, although physically separate, are used as if they were a single entity, called phonebook.

Storing a Phone Number

Once you start to enter a number, you can press left soft key (Save) to store the number in the phonebook.

You can input the number up to 40 digits.

- Select the storage from “To SIM” or “To Phone.” You can also check how many you saved and total entries you can store in the storage.
- Select a category to edit. To select the category, scroll to the category and press the [Edit] soft key .
- ✓ Name : Max. 30 English characters. Press [Edit] to input the characters.
- ✓ Number : Max. 40 digits. Enter digits by pressing alphanumeric keys.
- ✓ Home Number : Max. 40 digits. Enter digits by pressing alphanumeric keys.
- ✓ Company Name : Max. 30 English characters. Press [Edit] to input the characters.
- ✓ Email Address : Max. 60 English characters. Press [Edit] to input the characters.
- ✓ Office Number : Max. 40 digits. Enter digits by pressing alphanumeric keys.
- ✓ Fax Number : Max. 40 digits. Enter digits by pressing alphanumeric keys.
- ✓ Birthday : Input the birthday data
- ✓ Associate Picture : The phone will display the selected image when you have an incoming call. Select by pressing the navigation key to the right or left. You can select from 4 pre-defined images or select from file manager.
- ✓ Associate Video (Select from file / None): Allows you to select incoming call associate video when you receive a call from a person in the group. If you set both picture and video, the video will be displayed when you have a incoming call.

- ✓ Associate Sound : Select by pressing the navigation key to the right or left.
- ✓ Caller Group : 5 groups (Friends, Family, VIP, Business, Others) or none. Select a caller group by moving the navigation key. If you choose no group, the number is saved and displayed “None.”

! Note: If you select the storage as SIM card, the edit category is limited to ‘Name / Number / Associate Picture / Associate Sound / Caller Group’ and max characters of Name/Number are limited by SIM.

Storing a Phone Number using the Phonebook Menu

- ① Enter Phonebook menu on main menu screen.
- ② Scroll to ‘Add New Entry’ and select it
- ③ Select the storage between “To SIM” and “To Phone.”
- ④ Select a category to edit. To select the category, scroll to the category and press the [Edit] soft key. This is same with “5.1 Storing a Phone Number” for selecting category, edit and save the entries).

Searching the phonebook list

- ① From Idle Screen: Press the right soft key (name) on the idle mode
 - ② From Phonebook Menu : Scroll and select the following menus
- ✓ Quick Search : This menu shows the existing list and search window
 - ✓ Search Entry : This menu only shows search window

MENU FUNCTIONS

- **Menu Tree**
- **Phone Book**
- **Message Center**
- **Call History**
- **Settings**
- **Multimedia**
- **Fun & Games**
- **User Profiles**
- **Organizer**
- **Internet**

Menu Tree

Phone Book

Quick Search

Send SMS
Send MMS
View
Edit
Delete
Copy
Move
Duplicate
Send vCard

Search Entry

Search
Input Method

Add New Entry

To SIM
To Phone

Copy All

From SIM
From Phone

Delete

From SIM
From Phone
One by One

Caller Group

Friends
Family
VIP
Business
Other

Extra Numbers

Owner Number
Service Dial Number
SOS Number

Message Center	Settings	Memory Status Preferred Storage Fields My vCard
	Caller Picture	To New Entry To Selected Entry To Caller Group
	Caller Ring Tone	To New Entry To Selected Entry To Caller Group
	Caller Video	To New Entry To Selected Entry To Caller Group
	Messages	Write Message Inbox Outbox Sent Drafts Delete Message Template Message Settings
	Chat	Chat Room 1 Chat Room 2
	Voice Mail Server	Edit Connect to Voice
	Broadcast Message	Receive Mode Read Message

Call History

Missed Calls

Languages
Channel Setting

Delete
Save to Phone book
Dial
Edit

Received Calls

Delete
Save to Phone book
Dial
Edit

Dialed Calls

Delete
Save to Phone book
Dial
Edit

Show All Calls

Delete
Save to Phone book
Dial
Edit

Delete Call Log

Missed Calls
Dialed Calls
Received Calls
Delete All

Call Time

Last Call Time
Total Sent
Total Received
Reset All Time

Call Cost

Last Call Cost
Total Cost

Settings

SMS Counter

Reset Cost
Max Cost
Price Per Unit

Sent
Received

GPRS Counter

Last Sent
Last Received
All Sent
All Received
Reset Counter

Phone Setup

Time and Date
Language
Preferred Input
Methods
Display Characteristic
Greeting Text
Speed Dial
Dedicated key
Auto update of date
and time
Flight Mode
Misc Setting

Call Setup

Caller ID
Call Waiting
Call Divert
Call Barring
Line Switching
Call Time Reminder
Call Time Display
Auto Redial
Closed User Group

Multimedia

Network Setup

Network Selection
Preferred Networks
GPRS Connection

Security Setup

SIM Lock
Phone Lock
Auto Keypad Lock
Fixed Dial
Barred Dial
Change Password

Restore Factory
Settings
Shortcut

Add
Edit
Delete
Delete All
Enable/Diable
Change Order

Camera

Album
Camera Setting
Image Setting
White Balance
Scene Mode
Effect Setting
Add Frame
Storage
Restore Default

Image Viewer

View
Browse Style
Forward
Rename

	Delete Delete All Files Sort Storage Default
Video Recorder	To Player CamCorder Setting Video Setting Effect Setting Storage Restore Default
Video Player	Play Forward Rename Delete Delete All Files Sort Bluetooth Settings Storage
Photo Editor	Photo Artist Image Tile Slide Show
Audio Player	Play Detail Add To Ring Refresh List Settings
Sound Recorder	Record Play Append Rename Delete Delete All

		Settings
		Forward
	Melody Composer	
		Play
		Play Speed
		Select Instrument
		Save
	Sound Effect	Equalizer
	File Manager	Phone
		DRM Rights
		Memory Card
Fun & Games		
	Bluetooth	
		Power
		Inquiry Audio Device
		My Device
		Active Device
		Setting
		About
	Java	
	Java Setting	
		Java Audio
		Java Vibration
		Java Network
		Heap Size
	Java Default Security	
		Third Party
		Untrusted domain
		Restore Settings
	Games	
		Copter
		Puzzle
		Panda
		Game Setting
User Profiles		
	General	

Organizer

Organizer	Meeting	Activate Customize
	Outdoor	Activate Customize
	Indoor	Activate Customize
	Headset	Activate Customize
	Bluetooth	Customize
	Calendar	View Tasks Jump To Date
	To Do List	View Add Edit Task Delete Task Delete All Send vCalendar
	Alarm	Activate Time Repeat Snooze(Mins) Alert Type
	World Clock	Daylight Saving Time for Foreign City
	Calculator Unit Converter	

Services

	Weight Length
Currency Converter	
Health	BMI Menstrual
E-Book Reader	Open E-Book CleanUp Bookshelf Global Settings Book Info Delete Delete All Files Sort Apply Global Settings Help
Stopwatch	Typical Stopwatch nWay Stopwatch
SIM Took Kit	
WAP	Homepage Bookmarks Recent Pages Enter Address Settings
Data Account	GSM Data GPRS

Phone Book

Phonebook offers phonebook storage, management and services. You can access to the phonebook from idle screen, phonebook menu, and message writing modes. From the Phonebook menu, you will have 11 sub menus as following.

Quick Search

When you select the Quick Search in the Phonebook menu, you will see all entries saved in the phonebook. This function allows you to search the phonebook data by name; simply type in alphabet(s), the phone will show you the search result dynamically.

IP Dial: The IP number is automatically attached to the number dialed.

View: allows you to view the entry's contents such as name, number and so on.

Edit: allows you to edit the entry items.

Delete: allows you to delete the entry.

Copy: allows you to copy the entry from SIM to Phone or Phone to SIM. You will have the same entry in a different storage. (SIM + Phone)

Move: allows you to move the entry from SIM to Phone or Phone to SIM. The entry will be stored in the original storage. (SIM → Phone, Phone → SIM)

Duplicate: allows you to duplicate the entry in the same storage. You will have the same data in the same storage. (SIM+SIM, Phone+Phone)

Send vCard: You can send name cards out or save them to archives by means of SMS ,MMS and bluetooth.

Search Entry

When you select the Search Entry, after storing numbers to the phonebook, you can search them by Name.

- ① Enter a name you want to search in the text input box. Input full name or even a start letter and press the left soft key to [Option].
- ② If there is a name, you want to call, choose the name by moving up & down the navigation key.
- ③ Press the Dial key to make a call. However, if there is more than one entry in the selected name, it will display a list. Then you may simply select one entry and press the Dial key to make a call.

The following options are available.

IP Dial: The IP number automatically attach to the number dialed.

View: allows you to view the entry's contents such as name, number and so on.

Edit: allows you to edit the entry items.

Delete: allows you to delete the entry.

Copy: allows you to copy the entry from SIM to Phone or Phone to SIM. You will have the same entry in a different storage. (SIM + Phone)

Move: allows you to move the entry from SIM to Phone or Phone to SIM. The entry will be stored in the original storage. (SIM → Phone, Phone → SIM)

Duplicate: allows you to duplicate the entry in the same storage. You will have the same data in the same storage. (SIM+SIM, Phone+Phone)

Send vCard: You can send name cards out or save them to archives by means of SMS ,MMS and bluetooth.

Add New Entry

Please see [Storing a Number using the Phonebook Menu].

Copy All

You can copy all phonebook data from SIM card to Phone or from Phone to SIM. It is a useful function if you want to back up your phonebook data from a SIM card to your phone and vice versa.

Delete

You can delete all phonebook data in SIM card or Phone.

Caller Group

You can setup and edit Caller Group profiles as following.

Edit Group Name: Edit the group name and press the left soft key to [Option] and select "Done" to save the changes.

Alert Sound: Allows you to select the ring tone to be used when you receive a call from a person in the group. Scroll left and right with the navigation keys.

Alert Picture: Allows you to select incoming call picture when you receive a call from a person in the group. Scroll with the navigation keys to change the picture and go to the next line to select. Or if you want to view and select, select the [View] soft key and scroll with the left and right navigation keys. To select the

picture, press the [OK] soft key (left).

Alert Video: Allows you to select the video to be used when you receive a call from a person in the group. Scroll left and right with the navigation keys.

Add Member: After storing numbers in the phonebook, you can search them by Group. You can add or delete member(s) to the group member list. Press [Option] soft key then select “Add,” it will display a phonebook list excluding the members already in the group. It is possible to set a member in multiple groups.

Special Numbers

You can view and edit your mobile phone number (owner number), Service Dial number and SOS number.

Owner Number: displays your mobile phone number. You can edit owner's name and phone number.

Service Dial Number: lists up the SIM SDN (Service Dial Number) and allows you to access to the number by pressing the left soft key

SOS Number – lists up the SOS Number.

Settings

You can view and edit the settings for the Phonebook as following.

Memory Status

You can check how many names and numbers are stored in the phone book (SIM card and phone memories) or how much free space is remained.

Preferred Storage

You can set your preferred storage either to SIM or to Phone as default storage in the phonebook.

Fields

You can set on or off Home Number, Company Name and other fields to display in your phonebook entry.

My vCard

You can edit a vCard and send or save it to archives by means of SMS, MMS and Bluetooth.

Human Voice Prompt

You can hear the voice prompt of phone number.

Caller Picture

You can set Picture to special number (new or selected) or Caller

Caller Ring Tone

You can set ring tone to special number (new or selected) or Caller Group.

Caller Video

You can set Video to special number (new or selected) or Caller Group.

Message Center

You can use SMS, MMS, Chat and Broadcast Message. These functions are available depending on network services that your service provider supports.

Messages

Write Message

[Text Message]

The SMS (Short Message Service) function is a network service and your network may not support the service. You can send messages in Fax, Page, E-mail and Text format. To send text messages by phone, you must obtain the SMS center number from your service provider, and enter it on the SC Address option in Profile Settings menu.

When the  icon appears on the status indicators area, it indicates that you have received a new message.

! Note: The SMS service may not be available on all networks. Some network allows it only within its own network.

With this menu, you can write a message and insert EMS objects.

- ① Select [Text Message] menu in the [Write Message] menu.
- ② Make a message. You can insert Template, Object, change format text, Insert PHB Number, Insert PHB Name, and change input method.
- ③ After you complete the message, press the [Option] soft key (left) and then select “Done.” Choose one of following options.

Send Only

Save and Send

Save

Send to Many

Send by Group

You can input the number directly or get from the phonebook by pressing the [Search] soft key (left).

! Note: If you receive a call while you are writing a message, the message will be backup and after hanging up the call, the phone will display [write message] mode. You can finish the message without losing the data.

[Multimedia Message]

The MMS (multimedia messaging service), also called Photo Message, allows end-users to send and receive messages containing multimedia content (including images, video, sound and text). It provides a rich media of personal multimedia

messages from between mobile to mobile, and mobile to e-mail.

- ① With this menu, you can write a message and insert Image, Sound, and Attachment from the file manager.
- ② Select [Multimedia Message] menu in the [Write Message] menu.
- ③ Make a message. You can edit To, CC, BCC, Subject, and Content.
- ④ Max recipients of To, CC, BCC are 20 each.

You can input the number directly or get from the phonebook by pressing the [Search] soft key.

After you complete the message, press the [Option] soft key (left) and then select “Done.” Choose one of following options.

Send Only

Save and Send

Save to Drafts

Send Options

Exit

! Note: If you receive a call while you are writing a message, the message will be backup and after hanging up the call, the phone will display [write message] mode. You can finish the message without losing the data.

Inbox

You can check received message.

Press [Option] soft key for the following options:

Reply: Allows you to reply to the sender.

Forward: Allows you to forward the message.

Edit: Allows you to edit the message, and send or save the edited message.

Delete: Allows you to delete the viewed message

Delete All: Allows you to delete all messages in the Inbox.

Use Number: Allows you to call the sender back or save the number to the phonebook.

Use URL: Allows you to use the URL of the sender.

Advanced: Allows you to copy or move the message to phone(SIM)

Outbox

You can check view the sent message or message draft to be sent.

Options on saved messages are as following:

Send: Allows you to send the message again.

Edit: Allows you to edit the message, and send or save the edited message.

Delete: Allows you to delete the viewed message

Delete All: Allows you to delete all messages in the Inbox.

Use Number: Allows you to call the sender back or save the number to the phonebook.

Use URL: Allows you to use the URL of the sender.

Advanced: Allows you to copy or move the message to phone(SIM)

Sent

You can check the sent messages.

Options on saved messages are as following:

Forward: Allows you to forward the message.

Edit: Allows you to edit the message, and send or save the edited message.

Delete: Allows you to delete the viewed message

Delete All: Allows you to delete all messages in the Inbox.

Use Number: Allows you to call the sender back or save the number to the phonebook.

Use URL: Allows you to use the URL of the sender.

Chat: Allows you to use the number of the sender for chat.

Advanced: Allows you to copy or move the message to phone(SIM)

Drafts

You can save your unsent message to Draft menu.

Options on saved messages are as following:

Send: Send the saved message to the recipient(s).

Edit: Edit Message

Delete: Delete the message.

Delete All: Delete all messages in the box.

Use Number: Dial or Save to Phonebook.

Use URL: Allows you to use the URL of the sender.

Advanced: Allows you to copy or move the message to phone(SIM)

Delete Message

You can delete messages in Inbox, Outbox, Send, Drafts and All Folders.

Template

[Text Message]

You can edit and erase the message templates in this menu. You can store your frequently using messages up to 10. You can store up to 40 letters in each template. You can use the Template by selecting [2.Use Template] option, when you write a message.

Select a template and press the [Option] soft key:

Edit: allows you to edit the template.

Erase: allows you to erase the template.

Write Message: allows you to write a message with the template.

[Multimedia Message]

You can use and edit the MMS templates and write a message in this menu.

Select a template and press the [Option] soft key:

View: allows you to view and listen to the template message.

Properties: shows properties of the templates (From, Cc. Subject, Date, and Memory).

Write Message: allows you to write a message with the template.

- ✓ From, CC., and BCC: allows you to add number(s) or email(s).
- ✓ Subject: allows you to edit the text content.
- ✓ Edit content: allows you to select from text, image, or sound by pressing navigation keys up and down.

Message Settings

[Text Message]

You can setup default Message Information: Profile Setting, Common Settings, Memory Status, Preferred Storage, and Preferred Bearer.

Profile Setting

Depending on your service provider and service plan, you can set the message profile setting.

You can edit the profile as following:

- ✓ Profile Name: edit the profile name.
- ✓ SC Address: you have to get the number from your service provider.
- ✓ Valid Period: choose from Maximum, 1 hour, 12 hours, 1 day, 1 week
- ✓ Message Type: choose from Fax, Page, E-mail, Text

Common Setting

You can set on or off the following common settings for SMS.

- ✓ Delivery Report : This allows you to set delivery report on or off. When this function is set to on, the network informs you whether or not your message has been delivered.
- ✓ Reply Path : This menu allows the recipient of your Message to send you a reply via your message centre, if the network provides Message service. Press the [On] or [Off] soft key (left) to turn this option on and off.

Memory Status

This shows memory status of SMS in your SIM card or Phone.

Preferred Storage

You can set your preferred storage for the SMS messages: to SIM or Phone.

Preferred Bearer

You can set your preferred Bearer for SMS.

Bearer options are “Prefer GPRS, Prefer GSM, and GSM Only.”

[Multimedia Message]

Within the MMS sub-menu, you can define default values on common parameters for mobile-originated messages. By setting default values for MMS messages, you can experience a more comfortable service. You can set up the MMS related parameters for sending and retrieving the MMS messages.

Compose

This sets up parameters when you compose MMS messages.

Creation Mode: You can set the creation mode.

Image Resizing: You can set the image resizing

Auto Signature: You can set the auto signature.

Send

This sets up parameters when you send MMS messages.

Validity Period: You can select the period in which the service center try to deliver message. When the message expires, message center will not try to deliver the message.

Delivery Report: This allows you to set delivery report on or off. When this function is set to on, the network informs you whether or not your message has been delivered.

Read Report: You can set whether to receive a read report from every recipient.

Priority: You can set the priority of MMS message.

Sliding Timing: You can set how long you want the message to play. Input number(s) in seconds.

Delivery Time: You can set how soon the phone will send your message.

Retrieve

This sets up below parameters when you retrieve MMS messages.

Home Network

Roaming

Read Report

Delivery Report

Filter

You can filter MMS Messages by three categories as following.

Anonymous

Max Size (KB)

Advertisement

Server Profile

You can activate or edit the profile from the server list.

Rename profile : edit the profile name.

Homepage: Enter URL

Data Account: Select data account from the list.

Connection Type:

- ✓ WAP : when you select WAP, you can edit IP Address
- ✓ HTTP: when you select HTTP, you can edit the Proxy Address and Proxy Port
- ✓ Username : Enter your ID
- ✓ Password : Enter your password

Memory Status

This shows usage count, total memory used, and remaining memory.

Voice Mail Server

When a new voice mail arrives, an indicator icon is displayed on the screen. You can listen to the voice mail using this function. Press the voice mailbox number if the number is stored in the handset's memory, or input the number manually. Voice mail is a network service. For further details, contact your network service provider.

Broadcast Message

This network service allows you to receive the broadcast messages on various topics such as weather, traffic, local district code, local hospitals, taxis or pharmacy in the area where you are. You can even receive the message to be in a particular language (For example, when you are abroad) by changing language selection.

! Note: For more information about broadcast message topics, please contact your service provider.

The following options are available.

Receive Mode: You can turn the receive mode on and off by pressing the soft key (left). Allows you to enable or disable the reception of the broadcasted text messages.

Read Message: You can read all the broadcasted text messages received. The

title area of the screen will display the name of the message subject item. Whenever the phone receives new contents, the phone will update the contents of the message subject.

Languages: Allows you to select your preferred language for displaying cell broadcast messages. The number of languages you can select depends on your SIM card.

Channel Setting: Allows you to indicate the channels from which you wish to receive broadcast messages. This menu allows you to read, add and delete the list by using Select, Add, Edit and Delete option. The number of items in the list depends on your SIM card. It will display all items you selected.

! Note: For more information about the available subjects, please contact your network service provider.

Call History

You can check recent calls you made, calls received and missed calls. Also you can check the time of each call.

Missed Calls

This menu displays phone numbers of calls you missed.

Delete: Allows you to delete the record

Save to Phone Book: Allows you to save the record to the phonebook

Dial: Allows you to call back to the recorded number

Edit: Allows you to edit the number and save to the phonebook

Received Calls

This menu displays numbers of received calls.

Delete: Allows you to delete the record

Save to Phone Book: Allows you to save the record to the phonebook

Dial: Allows you to call back to the recorded number

Edit: Allows you to edit the number and save to the phonebook

Dialed Calls

This menu displays numbers of dialed calls you made.

Delete: Allows you to delete the record

Save to Phone Book: Allows you to save the record to the phonebook

Dial: Allows you to call back to the recorded number

Edit: Allows you to edit the number and save to the phonebook

Show All Calls

This menu displays all the missed, received and dialed calls.

Delete: Allows you to delete the record

Save to Phone Book: Allows you to save the record to the phonebook

Dial: Allows you to call back to the recorded number

Edit: Allows you to edit the number and save to the phonebook

Delete Call Log

This menu deletes all call data of each category at once.

Missed Call: Allows you to delete all missed call data

Dialed Call: Allows you to delete all dialed call data

Received Call: Allows you to delete all received call data

Delete All: Allows you to delete all call data

Call Time

This menu displays the time for calls made and received.

Last Call Time: length of the last call

Total Sent: total length of all calls made since the last reset

Total Received: total length of all calls received since the last reset.

Reset All Time: Allows you to reset the call timers

! Note: The actual time invoiced for calls by your service provider may vary,

depending on network features, rounding-off for billing purposes and so forth.

Call Cost

You can view the cost of the last call, or of all calls. Costs are shown only if your network operator supports this service. The following options are available.

Last Call Cost : Allows you to check the cost of the last call.

Total Cost : Allows you to check the cost of all calls

Reset Cost : Allows you to reset the call cost

Max Cost : Enter PIN2 and input a limitation of the MAX Cost

Price Per Unit : Enter PIN2 and input a limitation of the price per unit

! Note: Not all SIM cards support this feature. The number of items in these lists depends on the contents of your SIM card.

SMS Counter

You can view and reset the numbers of sent and received SMS.

GPRS Counter

You can view how many GPRS message has been sent and received, and reset the counter.

Last Sent: Allows you to view the last send GPRS Messages.

Last Received: Allows you to view the last received GPRS Messages.

All Sent: Allows you to check the numbers of All GPRS messages sent.

All Received: Allows you to check the numbers of All GPRS messages received.

Reset Counter: Allows you to reset the GPRS Counter.

Settings

You can change settings for your phone using this menu. There are Phone Setup, Call Setup, Network Setup, Security Setup, and Restore Factory Settings sub menu.

Phone Setup

You can set the date, time, language and other various options of your phone.

Time and Date

You can set time and date for your phone.

Set Home City: This menu allows you to set a city as your home city from 57 cities list. Please select the closest city in the list.

Set Time/Date: This menu allows you to set the current time and date displayed in the idle screen.

Set Format: Allows you to select a time display type between 12 Hour AM/PM type and 24 Hour type. When the time format is in 12 Hour type, you can change AM and PM by Navigation key.

Schedule Power On/Off

You can set a schedule for powering on and off your mobile phone. When you schedule the power on or off, the phone will power on or off at every scheduled time. It is useful when you want to turn off your phone while you are sleeping, and let the phone power on in the morning so that you would not miss any call or alarm.

Language

You can set default language of the phone display.

Preferred Input Methods

You can define your preferred input method. Once you set the preferred input method, next time you edit in text input mode, it will reflect the setting until you change to another.

Display Characteristic

You can customize Wallpaper, Sub LCD Wallpaper, Screen Saver and various display items of the phone.

Greeting Text

You can set a greeting text displayed on the idle screen.

Speed Dial

This menu allows you to enable, disable and edit the speed dial from the number 2 ~ 9 keys.

You can edit the speed dial list in the “Set Number” option. Press [Option] soft key, and select “Edit” and select the entry from the phonebook list.

Dedicated Key

You can set the dedicated function for the navigation key in the idle mode.

You can dedicate the Up/Down/Left/Right navigation keys to menus. Select from the menu lists, and press [Ok] key to change the dedicated menu.

! Note : Refer to the menu 'Shortcuts' regarding make up the menu list

Auto update of Date and Time

This menu allows the phone to update the current date and time automatically.

You can turn on or off this function by pressing the [On] or [Off] soft key (left).

! Note : Some network does not support this function.

Flight Mode

This menu allows using the phone on flight. You can use the Phone Book, Multi Media, File Manager, Fun & Game, User Profiles and Organizer on flight.

- Normal Mode
- Flight Mode
- Query When Power On

! Note : You can not make a call and incoming call on this menu.

Misc. Setting

Set the LCD Backlight Time and Contrast of the phone.

Call Setup

The following Call Setup features are network services. Please contact your network service provider to check availability and subscribe to the feature if you wish.

Caller ID

This network service informs your Caller ID to the recipient when you call out.

You can set the following options for the Caller ID function as following.

Set By Network: The network will decide whether to send or hide the Caller ID,

Hide ID: If you do not want to send your phone number, select [Hide ID] menu.

Send ID: It will send the Caller ID when you call out.

! Note: Some networks do not allow the user to change this setting.

Call Waiting

This network service informs when someone is trying to reach you during another call. You can specify the call waiting option for voice calls only.

The following options for each service are available:

Activate: activates the call waiting service.

Deactivate: deactivates the call waiting service.

Query Status: displays the status of the call waiting service.

Call Divert

This network service reroutes incoming calls to the number that you specify.

For example, you may wish to divert your business calls to a colleague while you are busy. Call diverting can be set up in the following ways.

You must enter a forward number when you have incoming call(s).

Divert All Voice Calls: diverts all voice calls.

Divert If Unreachable: diverts calls, if you are not in a coverage area of your service provider.

Divert If No Answer: diverts calls, if you do not answer the phone.

Divert If Busy: diverts calls, if you are already making another call.

Divert All Data Calls: diverts all data calls.

Cancel All Divert: cancels all call diverting options.

Call Barring

This network service allows you to restrict your calls. Call barring can be set up in the following ways

Outgoing Calls

- ✓ All Calls: prohibits outgoing calls.
- ✓ International Calls: prohibits outgoing International calls.
- ✓ International Except Home: When abroad, you can only make a call to numbers within the current country and to your home country that is the country where your home network provider is located.

Incoming Calls

- ✓ All Calls: prohibits receiving all incoming calls.

- ✓ When Roaming: prohibits receiving calls when you are using your phone outside of your home service area.

Cancel All

This menu deactivates all call barring settings. You will be able to make and receive calls normally.

Change Barring PW

You can set and change the call barring password obtained from your service provider using this option. You must enter the current password before you can specify a new one.

Line Switching

Some SIM cards support two phone numbers and you can switch the number (line) with this feature.

Call Time Reminder

You can set the call time reminder.

Call Time Display

You can set if you want the phone to display the call time or not.

Auto Redial

This option allows you to set redial automatically when the call receiver is busy.

Closed User Group

This menu allows you to fill out a closed user group, and send it to the network. This feature is depending on the network's availability.

IP Number

You can set IP number which is to be automatically prefixed to the number you dial.

Network Setup

You can configure various network services. Before using this service, check available services from your service provider.

Network Selection

Network Selection is a function to choose a network when you are using an international roaming service whether by manual or by automatic selection. However, a roaming network is available to choose when your network provider has an agreement on roaming service with the roaming network provider.

New Search: This menu allows you to search new network.

Select Network: This menu allows you to select network.

Selection Mode:

Preferred Networks

You can set your preferred networks. The phone will list up PLMN list. The following options are available:

Change Priority: Set the priority by pressing navigation keys to the right or left.

Delete: Delete the selected preferred network from the list.

GPRS Connection

Press [Change] soft key (left) to change the setting for the GPRS connection. It will switch and save the GPRS connection to set on:

Security Setup

These security settings will help you to keep privacy and to prevent other people from using the phone without your permission.

SIM Lock

When the SIM Lock feature is on, the phone only works with the current SIM. If you turn on the phone with uncertified SIM, the phone will ask the password. Once the correct password has entered, the phone shall work with uncertified SIM.

Phone Lock

You can lock the phone for your privacy. The default password is “0000”.

Auto Keypad Lock

To prevent unwanted key presses, you can use this function to key protect.

Fixed Dial

When the Fixed Dial mode is enabled, the person using this phone can call to the phone numbers stored in the Fixed Dial List only. To make a call to the number not starting the numbers stored in Fixed Dial List, you must enter the PIN2 to disable Fixed Dial mode. If the SIM card does not have PIN2, this feature is not supported.

View and Edit: you can see and edit FDN entry after input PIN2.

Add: you can add FDN entry after input PIN2.

Delete: you can delete FDN entry after input PIN2.

SMS: you can send SMS to the phone numbers starting with the numbers stored in FDN.

Short Type: you can choose short type among Number / Name / Sequence.

Barred Dial

When the Barred Dial mode is enabled, the person using this phone cannot call to numbers in the barred dial list. To make a call to the barred number, you must enter the PIN2 to disable the barred dial mode. If the SIM card does not have PIN2, this feature is not supported.

Change Password

To change the password, input the current password, and then enter the new password.

Shortcuts

This allows you to register menu item to dedicate menu list.

Default Shortcut Menus:

- ✓ Add New Entry
- ✓ Search Entry
- ✓ Caller Group
- ✓ Owner Number
- ✓ Memory Status
- ✓ Preferred Storage
- ✓ Greeting Text
- ✓ Tone Setup

- ✓ Volume
- ✓ Alarm

! Note : Refer to the menu 'Phone setup – Dedicated key' regarding assign menu item to navigation keys.

Restore Factory Settings

This feature would reset the phone to the same settings as those configured at the factory.

The default password is “0000”.

Multimedia

The Multimedia menu provides you several multimedia functions.

Camera

You can use the Camera embedded in your handset to take photos or video clips and save them in your Photo Album.

! Note : Before using the Camera

- ✓ Do not take photos of people or any subject without proper permission.
- ✓ Do not take photos which violate anyone's privacy.
- ✓ Because the camera sensor requires a little time to automatically adjust the exposure, you will get better result, if your subject is still.
- ✓ For best result, ensure that the subject has better lighting than the background.
- ✓ Avoid lighting your subject directly with fluorescent or other light bulbs.

Have your back to the light source when taking a photo.

- ✓ For best results, take photos in bright indoor and outdoor environments.
- ✓ The camera has a high-precision image sensor which is fragile and susceptible to shock, do not drop the handset. Also, use it in moderate climates as it is sensitive to temperature and humidity.
- ✓ The image may appear blurry when the lens part of the camera (on the back side of your handset) is dirty, please keep it clean.
- ✓ Using the Camera consumes more battery power.

Two ways to access to the Camera Preview Mode:

- ① You can access to Camera preview mode by pressing the  key in the idle mode.
- ② You can also use [Camera] menu after pressing the [Menu] soft key (left) to open the main menus and choosing the fifth menu [Multimedia] then [Camera] menu.

You can control camera options by direct control keys as follows

Key	Description
 , 	Take a picture and record a video
	Digital Zoom-up
	Digital Zoon-down
	EV level down

	EV level up
	Effect Setting
	White Balance
	Delay Timer
	Cont Shot
	Night Mode
	Image Quality
	Image Size
	Flash light
	LCD Preview Switch (Main <-> Sub)
	Back to previous menu
	Back to idle mode

Camera Options

From the camera preview mode, you can access to the Camera Options by pressing the [Option] soft key (left) for the following options and settings for the Camera.

To Image viewer: By selecting this menu, you can view the saved photos in the Image Viewer.

Camera Setting

- ✓ Flash (On/Off): You can set the camera flash light on or off with this setting. When the Flash is on, the camera flash will lit on when you take a picture.
- ✓ Shutter Sound (Sound1/2/3/Off) : Allows you to select a shutter sound among three kinds of shutter sounds or turn off the shutter sound. The sound makes you feel the sense of taking a picture.
- ✓ EV (-4/-3/-2/-1/0/+1/+2/+3/+4): You can set the EV (Exposure Value) and the preview will look darker in lower EV and brighter in higher EV.
- ✓ Banding (60Hz/50Hz): You can select the sampling bandwidth of the camera sensor. When bandwidth increases, the memory size and the picture quality will increase.
- ✓ Cont. Shot : It allows you to take multiple continuous shots by pressing the camera key. You can set this function off or take 1, 3, or 5 continuous shots.
- ✓ Delay Timer : It allows you to take a picture with delayed timer. If you set the delay timer at 5 sec, and press the camera key (center navigation key), it will take a picture 5 seconds later. Off/5 sec/10 sec/15 sec

Image Setting: You can set image size and quality of your photo as following.

- ✓ Image Size: 1280X1024, 640X480, 320,X240, 176X220 and 160X120 are available.
- ✓ Image Quality (Low/Normal/High): allows you to choose the JPEG quality. The captured image memory size will increase if you choose higher quality.

White Balance: Auto/Daylight/Tungsten/Fluorescent/Cloud/Incandescence

Scene Mode: Allows you to select scene mode auto or night

Effect Setting: Allows you to set Image effect among 14 options

- ✓ Normal
- ✓ Grayscale
- ✓ Sepia
- ✓ Sepia Green
- ✓ Sepia Blue
- ✓ Color Invert
- ✓ Gray Invert
- ✓ Blackboard
- ✓ Whiteboard
- ✓ Copper Carving
- ✓ Blue Carving
- ✓ Embossment

- ✓ Contrast
- ✓ Sketch

Add Frame: It allows you to off or add the frame 1 to 10.

- ✓ Self Capture: You can take a self shot by using this menu. Once you turn on this function, the preview screen is shown on the sub-lcd screen.
- ✓ Storage: You can select the storage between phone and memory card.
- ✓ Restore Default: This menu allows you to restore to the camera's default settings.

Storage Default: You can set where to store the images.

Restore Default: You can reset the camera setting values.

! Note : Except 'Restore default', all of above functions are available on the camera preview mode by using shortcut keys.

Image Viewer

You can see your photos in your phone by choosing [Image Viewer] menu in [Multimedia] menu. It will display the photos with thumbnail, image name, and image size.

Browse Style: Set browse style of photos between List Style and Matrix Style.

Storage Default: Set where to store the photos.

There are 8 options as following:

View: allows you to view the image in full screen. Press the navigation key up and down to view other images.

Browse Style: allows you to select browse style list or matrix.

Forward: allows you to forward the image to Wallpaper, Sub Wallpaper, Screen Saver, Power_On Display, Power Off Display, Phonebook, MMS and Bluetooth.

Rename: allows you to edit the image name.

Delete: allows you to delete the selected image.

Delete All Files: allows you to delete all images.

Sort: allows you to sort the image by Name, Type, Time and Size.

Storage Default: You can select the storage between phone and memory card.

Video Recorder

This phone has a Camcorder function. You can enjoy recording video and see the saved videos (or Movies).

To player

By selecting this menu, you can view the saved files in the Video Player.

Camcorder Setting

- ✓ White Balance (Auto/Incandescence/Cloud/Fluorescent/Tungsten/Daylight)
- ✓ EV (-4/-3/-2/-1/0/+1/+2/+3/+4): You can set the EV (Exposure Value) and the preview will look darker in lower EV and brighter in higher EV.
- ✓ Night Mode: ON/OFF
- ✓ Banding (60Hz/50Hz): You can select the sampling bandwidth of the camcorder sensor. When bandwidth increases, the memory size and the camcorder quality will increase.

Video Setting: You can set video size and quality of your video as following.

- ✓ Video Quality (Low/Normal/High/Fine): allows you to choose the MPEG4 quality. The recorded video memory size will increase if you choose higher quality.
- ✓ File Size Limit: 95K, 195K, 295K and No Limit are available.
- ✓ Recording Time Limit : 15 sec, 30 sec, 60 sec and No Limit are available.
- ✓ Recording Audio : On and Off are available.
- ✓ Encode Format : H.263 and Mpeg4 are available.

Effect Setting : Allows you to set video effect among 14 options

- ✓ Normal
- ✓ Grayscale
- ✓ Sepia
- ✓ Sepia Green
- ✓ Sepia Blue
- ✓ Color Invert
- ✓ Gray Invert
- ✓ Blackboard
- ✓ Whiteboard
- ✓ Copper Carving
- ✓ Blue Carving
- ✓ Embossment
- ✓ Contrast
- ✓ Sketch

Storage Default: allows you to storage to Phone or Memory card.

Restore Default: allows you to restore to the camcorder's default settings.

! Note : Except 'Restore default', all of above functions are available on the camera preview mode by using shortcut keys.

Video Player

You can see your recording video in your phone by choosing [Video Player] menu in [Multimedia] menu. It will display the videos with thumbnail, video name, and video size.

You can play .3gp, MP4 files.

There are 5 options as following:

Play: allows you to view the video in full screen.

Forward: allows you to forward the saved file to PhoneBook, Screen Saver, Power On Display, Power Off Display, MMS and Bluetooth.

Rename: allows you to edit the file name.

Delete: allows you to delete the selected file.

Delete All Files: allows you to delete all files.

Sort: allows you to sort the file by Name, Type, Time and Size.

Storage Default: allows you to storage to Phone or Memory card.

Photo Editor

You can edit the image

Photo Artist: You can select file and add some effect.

Image Tile: You can select files and edit tile image.

Slide Show: You can select folder and see the slide show of files in that folder.

Audio player

Enjoy your favorite music using the embedded Audio player. Acceptable files include: MP3, MIDI and WAVE music files. The following Options are available:

Play: Play the file

Detail: Displays the file name, size and other details.

Add to Rings: Set the music file as a ring tone.

Refresh List: Refresh the music list.

Settings

- **Play List:** Select a play list from the memory card or phone.
- **List Auto Generation (On/Off):** Select to generate the music list automatically.

- **Skin (Skin 1/2/3):** Select Audio player skins.
- **Repeat (One/All/Off):** Set the repeat option. When activated, it repeats the selected file or all music files.
- **Shuffle (On/Off):** Set the music shuffle feature. Select to listen to music in random order.
- **Background Play (On/Off):** Set the Audio Player to play the music while you are using the phone and its features.
- **BT Stereo Out (SW check)**
- **BT Stereo headset (SW check)**
- **Equalizer:** Change the equalizer levels for the Audio player. Select from: Normal, Bass, Dance, Classical, Treble, Party, Pop and Rock.

Sound Recorder

You can record sound in AMR, AWB and WAV format and use it as voice memo, ring tone, MMS and EMS attachment.

When there is no record file in the Sound Recorder, there are two options:

Record: Start recording

Settings: Select recording the sound in AMR, AWB and WAV format

If you have more than one record file, there are 8 options:

Record: Start recording.

Play: when there is a file in the list, it will play the recorded sound file.

Append: Record right after the selected sound file.

Rename: Change the file name.

Delete: Delete the selected file.

Delete All: Delete all files in the sound record list.

Settings:

Select Pref storage in Phone and Card.

Select recording file format in AMR, AWB and WAV

Forward

To User Profile: allows you to use the sound file as a Ring Tone.

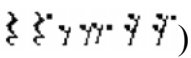
To MMS: allows you to write an MMS message with the selected sound file.

To Bluetooth: allows you to send the sound file through the bluetooth.

Melody Composer

You can create an iMelody file.

- ① When you first use the Melody Compose, press the [Add] soft key (left)
- ② Start composing a melody pressing the numeric keys. The following are the descriptions.

Key	Description
	Insert 'Do'
	Insert 'Re'
	Insert 'Mi'
	Insert 'Fa'
	Insert 'Sol'
	Insert 'La'
	Insert 'Si'
	Insert Vibration – allows the phone vibrates.
	Insert Rest – indicates the rest place.
	Increases or decreases the note () and rest ()
	Changes the accidentals. Press 1~7 and then press the sharp key; the musical scale will be switched with between Sharp (#) / Flat

There are four options while you are editing

Play: Play the composed file before you save the file.

Play Speed: Set the melody speed (Fast / Normal / Slow)

Select Instrument: Choose the instrument (Piano / Guitar / Violin / Saxophone / Steel Drums / Flute / Harmonica / Trumpet / Music Box / Xylophone)

Save: Save the melody

Press the [Option] soft key and select “Save.” Edit and save a file name by pressing the [Option] soft key (left) and select “Done.”

If you have more than a record file,

Press the [Option] soft key (left), and select ‘Add’ to start composing a melody.

There are 7 options:

Play: Play the selected file.

Edit: Edit the composed music.

Add: Compose a new music file.

Rename: Rename the selected file.

Delete: Delete the selected file.

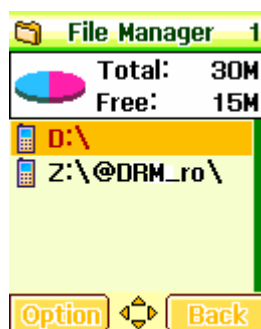
Delete All Files: Delete all files in the list.

- ✓ Forward: Forward the composed file to the following usages.
- ✓ To User Profile: allows you to forward the sound file to User Profile as a Ring Tone.
- ✓ To MMS: allows you to write an MMS message with the selected sound file.
- ✓ To EMS: allows you to write an EMS message with the selected sound file.
- ✓ To Bluetooth: allows you to write an EMS message with the selected sound file.

File Manager

This menu allows you to see the total memory used and free space in the storage.

Drive



←Total Memory Status Graphic

←Drive Selection List

There are options as following

Open: Open the drive to see the folder or files in the drive

Create Folder: Create a folder in the drive

Format: Format the drive

! Note : All of data in the drive will not be recovered after you format the drive.

Folder



←Current Folder Information
(Date)

←Folder Selection List

There are options as following

Open : Open the folder to see the files in the folder

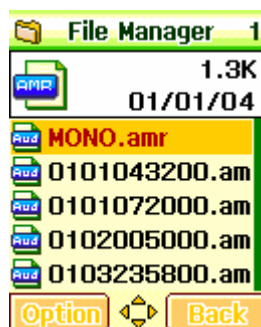
Create Folder : Create a sub-folder in the folder

Rename : Rename the selected file.

Delete : Delete the folder

Sort: There are five sorting ways.

File



←Current File Information
(Date & Size)

←File Selection List

There are options as following.

Play or View : Play a sound file or view an image or photo file

Forward

Sound File

To User Profile: Save the sound file as an available ring tone.

To MMS: Write an MMS message with the selected sound file.

To Bluetooth: Send the file to others via Bluetooth.

Image or Photo File

To Wall paper: Set the image as wallpaper

To Sub Wall paper: Set the image as wall paper on the sub display

To Screen Saver: Set the image as a screen saver

To Power on Display: Set the image as a display during Power on.

To Power off Display: Set the image as a display during Power off.

To Phonebook: Set the image to a group or contact if under 20Kbyteys)

To MMS: Write an MMS message with the selected image file.

To Bluetooth: Send file to others via Bluetooth.

Detail : See the detail information (Data & Size)

Rename : Rename the selected file.

Copy : Copy the file to the other folder

Move : Move the file to the other folder

Delete : Delete the selected file.

Delete All Files : Delete all files in the list.

Sort : There are five sorting ways as follows.

Fun & Games

Bluetooth

Bluetooth is a global standard for wireless connectivity, based on short-range radio signal. Bluetooth technology facilitates connectivity from one device to another without the need for cables. Bluetooth enabled devices can communicate with each other when they come within a range of 30 feet (10 meters). Bluetooth devices do not require a line-of-sight connection in order to communicate.

Power: Select to enable the Bluetooth. When the Power option is highlighted, it displays the current Bluetooth status.

Inquiry Audio Device: Search for other Bluetooth devices enabled for connection. Press the left soft key, **OK**, to activate the search.

My Device: Displays a listing of paired devices. Users can connect directly to Bluetooth enabled devices saved to your phone.

- **Connect:** Connect to paired devices
- **Rename:** Rename a paired device.
- **Delete:** Delete a device from the list.
- **Search:** Search for new devices.

Active Device

View current device connected.

Setting

Configure your phones Bluetooth settings. Set the following:

Visibility: Allows your phone to be visible to other Bluetooth enabled phones or devices.

Select from ON or OFF. View current status by highlighting the menu option.

Change device name: Rename the device. Press the left soft key to enter into edit mode. Press the left soft key, Option, to complete.

Authentication: Select to activate the security feature. Users connecting to your phone must enter a security code.

Audio Path: Set the audio path to the phone or headset.

FTP Setting:

- Shared Folder – Allow Access to files through a shared folder
- Access Rights (Full control / Read Only)

About

View information on your phone and supported services.

Games

You can enjoy three different games in the phone.

Game Setting

You can select the game setting. This will be applied to the game plays.

Press the left or right navigation key to select the setting and press the [Ok] soft key to save the setting.

- 1) BGM (On/Off): allows you to set the background music on or off while you are playing a game
- 2) Sound Effect (On/Off): allows you to set the audio sound on or off while you are playing a game.
- 3) Game Vibration (On/Off): allows you to set the vibration on or off while you are playing a game.

Themes

You can set the theme of your phone display style. You can choose a theme regarding the menu title bar, select bar, and soft key bar color themes.

Image Editor

You can draw a picture.

User Profiles

You can use the sound setting features to customize various settings depending on environments.

General

Meeting

Outdoor

Indoor

Headset

Bluetooth

! Note : Headset mode has no ‘activate’ menu because the activation of Headset mode is automatically on when you plug the headset to your phone in.

Select each environment and select “Activate” to activate the setting or elect “Customize” to customize the sound and light settings on each environment.

Tone Setup

This menu customizes the tones in the following setups.

Incoming Call

This option allows you to select the required ring tone. You can set the ring tone from sound files downloaded from WAP download, MMS and EMS. You can also forward files from Phone Memory to this User Profile. Each time you select a tone, the phone will play it for a few seconds.

Alarm

This option allows you to select the alarm sound. You can set the alarm tone from sound files downloaded from WAP download, MMS and EMS. You can also forward files from Phone memory to this User Profile. Each time you select a tone, the phone will play it for a few seconds.

Power On

You can select power on sound from 4 tones or silent. The phone will play the Power On tone, when you power on the phone by pressing the End/Power key.

Power Off

You can select power on sound from 4 tones or silent. The phone will play the Power Off tone, when you turn off the phone by pressing the End/Power key.

Cover Open

You can select cover open sound from 6 tones or silent.

Cover Close

You can select cover close sound from 6 tones or silent.

Message Tone

You can select message sound from 5 tones or silent. The phone will play the Message Tone you selected, when you receive a message.

Keypad Tone

You can select the tone that the keypad generates when you press a key by this menu

Silent: the keys do not make any sound

Click: the keys will make “click” sound.

Tone: the keys will make “tone” sound. (DMTF Tone)

Custom Tone 1: the key will make “Custom Tone 1” sound.

Human Voice Tone 1: the key will make human voice tone.

Volume

This option allows you to adjust the ringing volumes of keypad, call alert, alarm and message alert. You can set different volume levels for the Ring Tone, Key Tone and Effect sound.

Alert Type

This option allows you to customize the alert type. This setup will control the alerts your phone might play. You can customize the alert types as following.

Ring : the phone rings the ring tone selected with the [Tone Setup] option (8.1.1).

Vibration Only : the phone vibrates without ringing.

Vibra and Ring : the phone vibrates and rings simultaneously.

Vibra then Ring: the phone vibrates first then rings.

Intelligent Call Alert

Once this function is on, the phone number of other person who is calling to you is read in voice tone when you receive a call.

Ring Type

You can set the ring type for playing the ring tones.

Single: plays the ring tone once.

Repeat: plays the ring tone in repeated matter.

Ascending: plays the ring tone with ascending volume.

Extra Tone

You can turn on or off the tone of following alerts.

Warning

Error

Camp On

Connection

Answer Mode

You can select the way when you answering an incoming call

Cover Answer : To answer a call, you have to cover open

Any Key : To answer a call, you have to click any key of your phone

Organizer

Organizer provides various functions such as Calendar, To Do List, Alarm, World Clock, Calculator, Unit Converter, Currency Converter, Health, E-book Reader and Stopwatch.

Calendar

Using this function, you can input and check your anniversaries, important appointments, and other events of which you can be reminded by setting the alarm.

- ① Choose the date you want to view by moving the navigation keys.
- ② Move to the previous or the next month by pressing the side volume keys located on the right side of the phone.
- ③ Press the [Option] soft key (left).

There are two Options as following:

View Tasks

Allows you to view the task list and add task(s) on the selected date.

From the Task List, there are five Options available:

View: allows you to view the details of the selected task.

Add: allows you to add a task.

Edit Task: allows you to edit the selected task.

Delete Task: allows you to delete the selected task.

Delete All: allows you to delete all tasks listed on the selected date.

Send vCalendar: allows you to send a task using a vCalendar format through SMS, MMS, Bluetooth and to save it.

Jump To Date

This menu allows you to jump to the date you input in the date box (YYYY / MM / DD).

To-Do List

You can view all saved tasks. It displays a task or tasks saved in the Organizer.

To-Do List shows the notes of the tasks from the oldest task to the latest task.

View: allows you to view the details of the selected task.

Add: allows you to add a task.

Edit Task: allows you to edit the selected task.

Delete Task: allows you to delete the selected task.

Delete All: allows you to delete all tasks listed on the selected date.

Send vCalendar: enables you to send To Do List to the others.

Alarm

This menu allows you to set the alarm to ring at a specific time.

The following Edit options are available.

Alarm (On/Off)

Time (HH:MM): input the hour in 24 hour scale and minute.

Repeat (Once / Every Day / Day (S, M, T, W, T, F, S) / Weekly / Monthly): select the repeat characteristics of the task.

Snooze : You can set the snooze interval from 1 to 10.

Alert Type : You can select alert type from Vibra and Ring, Ring and Vibration Only.

After you completed editing the options, press the [Done] soft key (right) to save the changes.

To stop the alarm when it rings, press the [Stop] soft key (left) to stop the alarm or press the [Snooze] soft key (right) to snooze the alarm so that it will remind you again in four minutes.

World Clock



This feature enables you to check the current time for Greenwich Mean Time (GMT) and major cities around the world, using the right and left navigation keys.

Calculator

Using this function, you can perform simple calculations such as addition, subtraction, multiplication, and division.

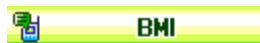
Unit Converter

You can convert one length, weight, volume, surface and temperature unit into another unit.

Health

You can check your health through the below functions.

BMI



BMI is the Body Mass Index. BMI is an index for your health, keeping in the Normal range is recommended for your health. Low BMI and high BMI both are critical for the health.

	Thin	Normal	Fat
Female	~ 18	18 ~ 23	23 ~
Male	~ 20	20 ~ 25	25 ~

Menstrual



Input the information as following:

Last Mens Date

Average Period

- ① Press the [Ok] soft key to get the menstrual calendar.
- ② The calendar will display P.P and Menses periods as following.
- ③ P.P (yellow color): indicates for the possible periods to get pregnant.
- ④ Menses (orange color): indicates your menstrual periods.
- ⑤ Press the side volume keys to scroll through months, and press the navigation keys to navigate through dates.

When you press the [Ok] soft key on the selected date, it will calculate the possibility of pregnancy.

E-Book Reader

With this E-Book Reader, you can read a text file (ASCII/UCS2/UTF8)

Stopwatch

You can use a stopwatch function.

Typical Stopwatch

There are Split Timing and Lap Timing stopwatch functions in this typical stopwatch menu.

Split Timing



Split Timing is useful for measuring each player's record from start. The timing will be recorded earliest to latest.

- ① Press [Split] to measure the timing and press again for next timing, and soon.

- ② Press [Stop] when you are done measuring the timing. If you want continue, press the [Resume] soft key. You can record up to 20 measurements per a record.
- ③ It will ask if you want to save. Press [Yes] to save.
- ④ Edit the name for the record. Press [Option] and select “Done” to save.
- ⑤ You can view the record by selecting 11.5.1.3 View Record and press the [Option] soft key (left) and select “View.”

Lap Timing



You can use the Lap Timing function to measure each lap record.

- ① Press [Lap] to measure the timing and press again for next lap timing, and so on.
- ② Press [Stop] when you are done measuring the timing. If you want continue, press the [Resume] soft key. Repeat this step for the other stopwatches. You can record up to 20 measurements per a record.
- ③ It will ask if you want to save. Press [Yes] to save.
- ④ Edit the name for the record. Press [Option] and select “Done” to save.
- ⑤ You can view the record by selecting 11.5.1.3 View Record and press the [Option] soft key (left) and select “View.”

View Record

When you save the timing records from the Split Timing and the Lap Timing, it will be saved and listed in this menu.

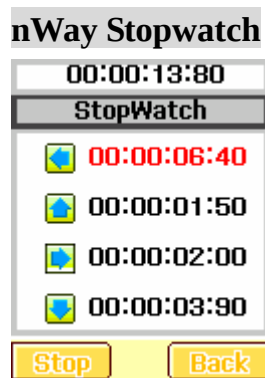
Press the [Option] soft key and select from the following options:

View: allows you to view the timing record.

Press the up and down navigation keys to scroll among the records.

Delete: allows you to delete the selected record.

Delete All: allows you to delete all records.



You can use 4-way navigation keys for measuring times for each direction. When you press a navigation key, the direction stopwatch will start timing, and other direction stopwatch will pause the timing. When you press the paused direction's navigation key, the stopwatch will resume timing.

Multipurpose stopwatch provides a useful tool to monitor the time consumption for up to 3 events. For example, in a meeting, user wants to monitor the total speech time for each individual participant. Another example is that user want to monitor a period of time, how much time he spent on working, browsing web, dealing with email and meet.

Reset all : press left soft key long .

Internet

! Note : If you use a SIM card that provides additional services, the GSM Access menu displays. For details, please see your SIM card instructions.

WAP

You can connect to WAP site by this phone, and use the services provided by the sites. The WAP browser works as Internet browser of PC.

Homepage

When you choose [Homepage] menu, WAP browser opens the main page of home site that you had activated among the sites in [Profile].

Bookmarks

You can make bookmark data in your phone. And, you can connect to the site directly.

There are 5 options as following.

Goto : Go to the selected bookmark

Edit : Edit the name and URL of the selected entry

Delete : Delete the selected entry

Delete All : Delete all entry

Add Bookmark : Add new bookmark

Recent Pages

When you choose [Recent Pages] menu, WAP browser opens the latest WAP page.

Enter Address

If you know the URL of the site, you can go to the site directly by inputting the URL.

Settings

This option allows you to set the WAP settings. There are five profiles of sites in this phone. You can activate one of them as a home site and change or set each profile.

! Note : The available number of profiles are varies on your country)

There are 6 options as following.

Edit Profile: Shows the name of selected profile and you can edit the profile(s).

Browser Options: Time out, Show Image

Service Message Setting: On/Off

Clear Cache: clears the most recent site files that you have downloaded in the temporary memory.

Clear Cookie: deletes cookies in the memory.

Trusted certificates: This function is to indicate your trusted certificate when browsing and also delete the trust list into the browser if needed.

Data Account

This menu allows you to change the settings for the GSM and GPRS network services. For further details, contact your service provider.

GSM Data

This setting allows you to change the settings for the GSM Data network as following.

Account Name: Edit the account name.

Number: Enter the server phone number.

User Name: Enter the user name required to connect to GSM Data network.

Password: Enter the password required to connect to GSM Data network.

Line Type: Choose a network connection type between Analogue and ISDN.

Speed: Select the desired speed from 9.6 Kbps, 14.4 Kbps and 4.8Kbps.

DNS: Enter the DNS IP address

GPRS

This setting allows you to change the settings for the GSM Data network as following.

Account Name: Edit the account name.

APN: Enter the access point name used for the address of the GPRS network gateway.

User Name: Enter the User Name required to connect to GPRS network.

Password: Enter the password required to connect to GPRS network

Auth. Type: Select the authorization type from Normal and Secure.

TROUBLE SHOOTING

If you meet a trouble on your phone operation, please check the followings.
These checks enable you to save the time and expense due to the unnecessary after-service.

1. When Enter PIN appears at the power-up.

The PIN check is currently enabled.

You must enter the PIN supplied together with your SIM card. You can disable the PIN check if you want, please see Security Setting menu in section F.

2. When Insert SIM screen appears at the power-up.

Please check that your SIM card is inserted adequately.

3. When Enter Lock Code appears at the power-up.

Your phone is phone locked.

You must enter the Lock Code supplied together with your phone.

4. No Service appears.

You probably are in the area out of the coverage of a GSM/DCS network.

5. If any tone is not generated when you press a keypad.

You need to check the Silence Mode setting.

You need to check the Type and Volume option of Key Tone menu.

You need to check Profiles menu.

6. If an audible alert is not made when a call is received.

You need to check the Silence Mode setting.

You need to check the Type and Volume option of SMS Alert Tone menu.

You need to check Profiles menu.

7. If an audible alert is not made when an alarm is expired.

You need to check the Silence Mode setting.

8. If an outgoing call is not made.

You have probably set an outgoing calls barring option. You need to check Call

Barring menu.

9. If an incoming call is not made.

You have probably set an incoming calls barring option. You need to check Call Barring menu.

10. If an outgoing SMS message is not sent.

You need to check the Message Centre option in Message Setup menu.

11. If all audible key tones are muted and all audible alerts are changed to vibrator alert.

You need to check the Silence Mode setting.

By just pressing and holding [VOLUME-CENTRE] on the idle screen, you can escape or enter the mode.

12. If some menus relevant to the sound are not visible on the Sound Setting menu.

You need to check Silence Mode setting.

By just pressing and holding [VOLUME-CENTRE] on the idle screen, you can escape or enter the mode.