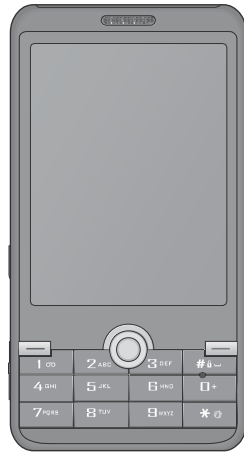


User Guide



M901

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■ Information for safe operation

Please read the following user manual carefully to keep from injuries.

■ About storage and maintenance

Do not try to disassemble or repair the phone.

Avoid wet and damp places.

Do not use harmful detergent or harmful chemical materials to wash the phone.

Instead, use soft cloth to rub its appearance.

Do not inflict strong shock on the appliance.

The appliance is situated near the electronic switch for hands to reach easily when the battery is charged. Do not put the phone in high temperature environment, which may cause defects on the phone. The warranty on this phone will be invalid if it is repaired by an unauthorized person. And its maker does not take responsibility for the breakdown caused afterward.

Never extract the battery from the phone while turned on, which will cause defects on the phone.

Contact the nearest service centre if the phone or its parts (charger, battery, and so on) malfunction.

■ Measurement of radio frequency exposed (absorbed special rate information SAR)

This phone is a communication appliance with low-output electric wave. Complying with EU standard requirements related with radio wavelength exposure, the phone has been designed and made not exceeding the energy exposure limit of the radio frequency as recommended by European Union board of directors. The limit specified above is a frequency allowable in general as a world standard.

World standard value was developed, based on thorough and regular scientific researches and estimation (examination) by an independence research institution. The limit is a standard to search for safety of all,

regardless of age or present state of health.
Standard value of the phone exposure is displayed in unit of Specific
absorption index (SAR).

■ Communication network service

The mobile conforms to the communication standard laws of GSM900,
DCS1800, PCS1900, GPRS and EDGE.

Read this user manual thoroughly to understand and learn the functions of
this appliance.

Customers should know that the Tri-Band (900-1800-1900) is a feature coming
from the communication network.

Make sure that this feature is available via the RED exchange service
personnel.

Additional RED services are available for this phone.

For these services, however, customers are required to join the exchange
service.

For further information on How To Join, see below.

■ Safety on the road

Please remember that using a mobile phone during driving is prohibited.

Follow the rules as applicable in each country.

Stop the car in a safe place if you need to answer or use the phone.

Please always remember the following before using the phone in
emergencies.

Focus on driving only.

Remember the most considerable thing is nothing but your safety.

If you want a Hands-Free device on vehicles, let it installed by an
authorized engineer.

■ Safety in hospital

The mobile phone since designed to transmit electric waves can disturb
functions of electric or medical appliances.

Remember to turn the phone off always in hospital.

■ Safety in flight

The mobile phone since designed to transmit electric waves can disturb functions of electric or medical appliances.

Remember to turn the phone off always in hospital.

■ Safety in places where explosion is predictable

In such places as gas stations or chemical factories where explosion is predictable, the use of any electric wave equipment is illegal and prohibited.

Turn off the phone and avoid the use near any gas station.

■ Electrical equipment

Most electric appliances are secured and protected against the effect of the phone radio frequency.

Nevertheless, there are some products that are not protected against. A person who works in a manufacturing company of those products, wearing heart pacemaker is desired to keep at least 15cm away from the phone to avoid the electric wave.

If applicable problems still occur as before to the person with heart pacemaker, then the phone shall be turned off.

The phone can disturb functions of some kind of microphones.

In this case, please contact the manufacturing factory of such microphones for further information.

Since the radio frequency signal generated from this phone may have an influence on electric equipment of a car (air bag, brake, and so on), please be well informed thereof via its maker.

■ Battery and parts

This phone uses a rechargeable battery of Li-ion Technology.

The battery if completely recharged is usable to call for a duration of 162 minutes and available for standing-by for a duration of 171 hours.

Do not use any charger or battery if damaged or worn out.

Do not touch any circuit of the battery. It will cause damage thereon.

For Safe Operation

If the battery is kept in hot temperature, its function and duration may be deteriorated.

Keep temperature always as similar as possible.

The phone if kept in too high or too low temperature may not operate from time to time even if the battery completely recharged.

Time required to recharge the battery may be different according to several factors such as capacity left, type of battery and charger, and so on. For the better performance of recharge, keep suitable temperature.

The battery although completely recharged can be discharged of itself as the time elapses.

Unplug the switch of the charger if not used.

For effective operation of the phone, please stand the phone always lengthwise.

Do not throw the battery in a ditch or a fire.

The battery shall be recycled according to its related laws.

Use only the battery, charger and parts attached to the phone just as provided from the factory.

Parts shall be compatible to be used.

If not, its warranty will be invalid.

If some parts need replacement, contact the agency you joined to order.

Fill up the battery to the maximum prior to its first operation.

For pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.

■ FCC RF exposure information

This phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

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 and health. The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model.

The SAR value for this model handset when tested for use at the ear is 1.36 W/kg and when worn on the body, as described in this user guide, is 0.888 W/kg.

■ Body-worn operation

This phone was tested for typical body-worn operations with the back of the phone kept at a distance of 2.5cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 2.5 cm separation distance between your body and the back of the phone. The use of belt clips, holsters and similar accessories should not contain metallic components. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided. The FCC has granted an Equipment Authorization for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model handset is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID: UDTUR80

For Safe Operation

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) website at <http://www.phonefacts.net>.

■ FCC Notice and Cautions

FCC Notice

- The device complies with Part 15 of the 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.
- 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.

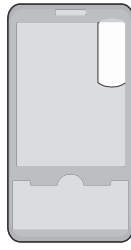
Cautions

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

Package Contents



Handset



Silicon Case



LCD Protection Tape



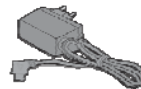
Free Air TV antenna
with Touch pen



Battery



User Manual



Travel Charger



USB Cable

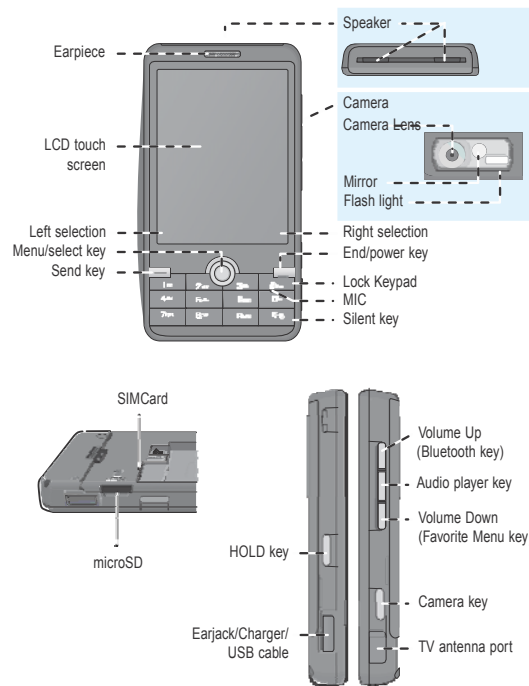


TV Out Cable



Earphone

Handset Description



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■ Getting Started

Installing SIM Card

To answer the phone or to call, the mobile needs a available SIM card, which the communication company may have installed already.

Note: If the mobile is used, installation state of the SIM card will be displayed. If the SIM card is not installed, a confirmation paragraph will be displayed.

1. Open the card hole cover, and insert the SIM card like the arrow indicates.



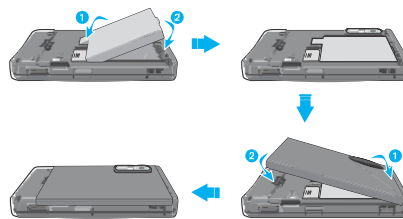
Removing SIM Card

1. Open the card hole cover, and eject the SIM card like the arrow indicates.



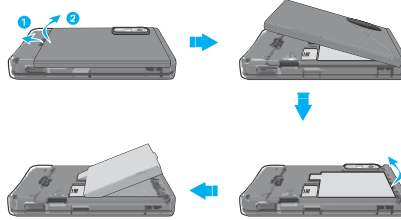
Installing Battery

1. Open the battery hole cover, and insert the battery like the arrow indicates.



Removing Battery

1. Open the battery hole cover with using finger-tip and press the battery release latch down and remove battery like the arrow indicates.

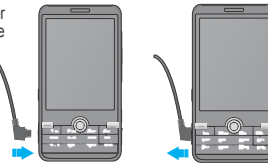


Charging Battery

1. Insert the charger as shown in the figure. The screen will display the Battery is being charged while the phone is turned on for several seconds before returning to the previous step. (your phone is available even during the battery is charged). If the phone is turned off, display of Battery is being charged will be continuously displayed.
2. If the charging is completed, display will show the charging completed status. To remove the charger, hold and pull the both ends to extract.

Warning

Do not connect the Charger (or such accessories) up side down. It may damage the Phone.



■ Using the Micro SD card

Installing the Micro SD Card

1. Open the battery cover, and insert the Micro SD card like the arrow indicates.

Note: Please keep Micro SD card slot closed at all times whether Micro SD card is inserted or not to prevent possible damages.



Removing the Micro SD Card

1. To remove the Micro SD card, press and release the card so that it is pop-out from the slot. Then slide it out.



- When you insert Micro SD card, make sure contact terminals face down.
- Memory used for the mobile phone is not the general SD card but the Micro SD cards.
- Do not remove the Micro SD card while reading or writing files. Otherwise it could be damaged.
- "Micro SD" card is recognized as a mobile disk when connected to a personal computer.
- When disconnecting from PC, please remove the USB storage equipment on your PC. Otherwise, the stored files on the Micro SD card could be damaged.

Removable Memory Storage Functionality

The Phone Guarantees 2GB Memory Card.

■ Phone ON/OFF

Keep on pressing the End Key for 5 seconds to turn on the phone.
This function is designed to avoid unintentional ON or OFF of the phone when kept in a pocket or luggage.

Start

If PIN enable setting on after the phone is turned on, press Send key to unlock. Tap unlock icon.

Note: If password is not input, only emergency call will be available with SOS Key.

In case the phone has been off for long, you may be asked to make sure if date and time are correct.

If they are not correct, tap **Edit**.

If the date is correct, tap **OK**.

If the date is not correct, input new date using the number on the Key pad and then if the time is not correct, input new time and then tap **OK**. Select daylight saving on or off.

Idle screen



Note: For about few seconds after the phone is on, it's image and menu may be displayed a little slower than usual. This delayed time is for environmental setting of the menu. And the menu will not be displayed during this duration. After this duration, the speed will be back to normal. Idle screen is displayed when the phone is available to answer or use to call.



- Press the Main menu Key located below the menu in Idle screen to display the main menu.




















- Keep press Right Side Volume Up Key in Idle screen to display the Bluetooth menu.
- Keep press Right Side MP3 Key in Idle screen to display the Audio Player menu.
- Keep press Right Side Volume Down Key in Idle screen to display the Favorite Menu.
- Keep press Right Side Camera Key in Idle screen to display the Camera menu.

The direction Key will be used mainly to appropriate functions of the phone.

- Keep on pressing End Key in Idle screen state to turn off the phone.
- When the screen is in a normal state, press Send Key to display the call record.
- In order to make a call, press number first in Idle screen state and the call Key next. Keep on pressing one number among 2 and 9 and a call to the number as input will be made. In the following table, various functions are described as applicable when number keys are pressed for short or long in Idle screen state.

	Short	Long
1	No.1	Call connected to voicemail box
2 ~ 9	No.2 ~ No.9	Speed Dial
0	No.0	Symbol +
*	Symbol*	Silent mode on/off
#	Symbol#	Lock Keypad

Icon	Name	Icon	Name
	Signal strength		GPRS
	Ring/Vibration only/ Vibea and ring/Vibra then ring		Lock/Unlock
	Mute		VoIP
	New SMS/MMS/Email		EDGE
	Battery		CHAT
	Alarm		JAVA
	Headset		Print
	Roaming state		Stwatch
			VOML

■ Calls

Making a call

1. Enter the area code and phone number.
2. Press Call icon.

Answering a call

1. Press Send Key.

End a call

1. Press End Key.

Abort a call

1. Press [Abort](#).

Reject a call

1. Press End Key.

Adjusting the call volume

In call, press side volume key up/down to adjust the earpiece volume.

Insert a Hard Pause feature

Insert a pause after a phone number and then enter another group of numbers. The second set of numbers is dialed automatically after the pause.










1. Enter a phone number and press and hold * Key(Hard pause"P").

International call

1. Press and hold 0 Key(+). When "+" is displayed, enter the country and area codes, then complete the number and send the call.

■ Menus

In the Idle screen, press Main menu to go to standard menu.

Call history 	Clock 	Organizer 
All Calls	Alarm	Calendar
Missed calls	World clock	To do list
Received calls	Stopwatch	Schedule power on/off
Dialed calls	Time and date	Schedule FM record
Call time		
Call cost		
SMS counter		
GPRS counter		
Delete call log		
Auto quick end		
Multimedia 	Phonebook 	Message 
Camera	Search	Messages
Images	Add new entry	Chat
Videos	Caller groups	Voice mail server
Free Air TV	Speed dial	Email
Audio player	Owner number	Broadcast message
FM radio	Extra number	
Sound recorder	Settings	
Fun&Games 	Service 	Extra 
Java	Wap	Calculator
Games	Synchronization	Unit converter
	VoIP	Currency converter
	Data account	E-Book reader
	Rights manager	Health

Settings		File manager		Favorite	
Phone setup		Phone			
Call setup		Memory card			
Network setup					
Security setup					
Bluetooth					
TV out					
Touch calibration					
Factory Reset					

Common screens and system in various menus

Entering a Phone Number

It is used to input phone number from the phonebook. Above all, press number in Idle screen state to get into the screen of writer function.

0 ~ 9 are available to enter, which has the following features.

- Press <*> and <#> to input characters of <*> and <#> respectively.
- Press **Clear** to delete the last number input. Keep on pressing **Clear** to delete the whole number input (whole number) and to return to Idle screen state.
- Press **Options**, then select **Done** to go to next step. Press **Back** to go back to the previous step of the screen.

Entering a Text

It is used to input text of names or messages. There are 3 input methods for text writer.

- **[ABC] Capital English letter input**
Displays all the input text in capital letters. This can be used together with Multi Input and Smart Input which will be later described.
- **[abc] Small english letter input**
Displays all the input text in small letters. This can be used together with Multi Input and Smart Input.
- **[Abc] Capital & Small English letter input**
Displays all the input text in Capital & small letters. This can be used together with Multi Input and Smart Input.

- **[Th] Thailand letter input**
Displays all the input text in letters. This can be used together with Multi Input and Smart Input.
- **[123] Number Input**
Number input is available fast. (Press number 0 to 9 to display 0 to 9 as applicable).

Note: Press <-> shortly to change input sequence as follows; eZiABC, eZiabc, eZiTh, ABC, abc, 123, Th.

Smart Input

This makes fast text input available. With the improved technology of (Press and Expect), a function to expect is realized, making use of the dictionary prepared in the language specified. In this way the writer provides the serial expected characters of text when the user presses the Key once.

- **[eZiABC] The Capital English e-Zi letter input**
For example, to write a letter 'TEST', the method is same as eZiAbc, but it will display the capital English Character.
- **[eZiabc] The Small English e-Zi letter input**
For example, to write a letter 'test', the method is same as eZiAbc, but it will display the small English Character.
- **[eZiAbc] The Capital & Small English e-Zi letter input**
For example, to write a letter 'Test', just press numeric key 8(TUV), 3(DEF), 7(PQRS) and 8(TUV) in once.
- **[eZiTh] The Thailand e-Zi letter input**


Text Selector

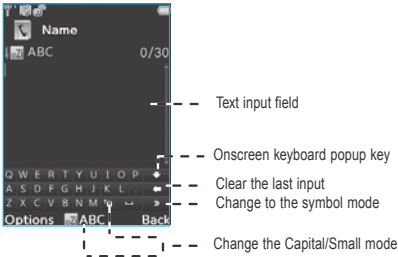
Press 0 Key shortly in the screen of text mode to display text selector which can display special characters which are not available in general text mode. Tap screen on the text desired to select those special characters. If you select the special character.

Note: Press <#> Key shortly to input a Space on text editor.

Using touch screen keyboard

You can select either the alphabetic, numeric, or symbolic keyboard. To enter characters using the onscreen keyboard, just tap the one you want on the keyboard.

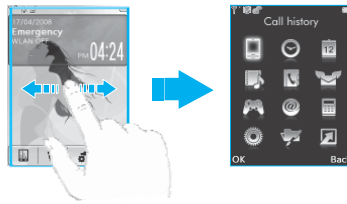
In text input mode, tap .



■ Navigating menu on touchscreen

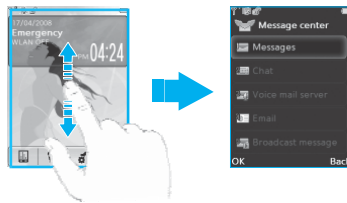
To enter the menu

Drag left or right gently on touchscreen, or click "OK" key.



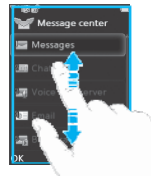
To enter the message menu

Drag up or down gently on touchscreen, or enter the menu and tap message icon.



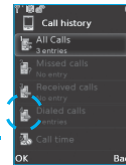
To scroll menus

Drag up or down gently on menu list. In order to scroll down, you need to drag up, and to scroll up, plsdrag down. Or use Side key.



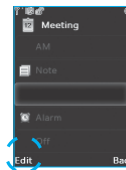
If there's radio button as shown below, you need to tap right on the button. Tapping on text area won't change the selection.

This area has to be tapped in
order to select



In case of editing mode, you need to tap "edit" on left-bottom screen. Tapping on text area won't enter editing mode.

This area has to be tapped in
order to edit

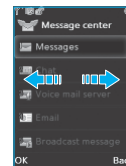


To navigate 2nd depth menus parallelly

Drag left or right gently in 2nd depth menu list. Then 2nd depth menu will be changed in sequence.

For example, if you drag left in "Clock" 2nd depth menu, "Call history" 2nd depth menu will be displayed. And if you drag right in "Clock" 2nd depth menu, "Organizer" 2nd depth menu will be displayed.

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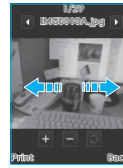
Note: This is only possible in 2nd depth menu levels. In case of 3rd or 4th depth menu, it doesn't work.

To See the next or previous photos

(Multimedia > Images > Image viewer)

Drag left or right gently on touchscreen, or tap the arrow button on top screen.

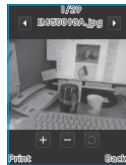
Note: In order to use motion sensor features, you need to activate all the options for motion sensor in the menu "Settings > Phone setup > Motion Sensor". There are 3 checkbox – MP3, Camera, Image Viewer. Pls tick all the options.



■ Motion Sensor – Viewing photos

To change the orientation of photos

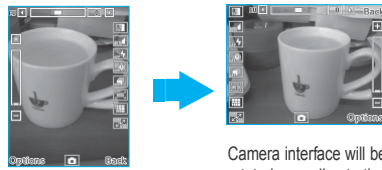
(Multimedia > Images > Image viewer)



In case of landscape view image, simply rotate the phone. Then image will be reoriented.

■ Motion Sensor – Taking picture

Camera mode



Camera interface will be automatically rotated according to the orientation of the phone

Note: Camera motion sensor can be used with only 320x240 ↔ 240x320 mode.

■ Motion Sensor – Audio player control



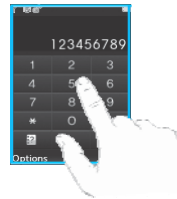
"Shaking the phone left" go to "next song"



"Shaking the phone right" go to "previous song"

Making a call with screen dial button

1. Simply touch the screen dial button with your finger to enter the phone number.



To return to the Idle screen

1. Press the END key below the display at any time to return to the Idle screen.



1. Call history

Through this calls menu, you can move to call logs, voice mail and mainly used number list .

1. In Idle screen, press [Main menu](#) > [Call history](#).

■ All Calls

This function displays all missed, received, sent calls list showing the time and date of missed calls as well as the number or name of the caller.

1. In Idle screen, press [Main menu](#) > [Call history](#) > [All Calls](#).

2. Select the call list and tap [OK](#) to view the details.

■ Missed calls

This menu displays the most recent calls you did not answer.

1. In Idle screen, press [Main menu](#) > [Call history](#) > [Missed calls](#).

2. Select the missed call and tap [OK](#) to view the details.

■ Received calls

This menu displays the most recent calls you have received.

1. In Idle screen, press [Main menu](#) > [Call history](#) > [Received calls](#).

2. Select the received call and tap [OK](#) to view the details.

■ Dialed calls

This menu displays the most recent calls you have dialled.

1. In Idle screen, press [Main menu](#) > [Call history](#) > [Dialed calls](#).

2. Select the dialled call and tap [OK](#) to view the details.

• Press Options to access the following options; [Delete](#), [Save](#), [Dial](#), [Edit](#), [Send SMS](#), [Send MMS](#)

■ Call time

This menu informs a calling time which has Sent or Receive.

1. In Idle screen, press [Main menu](#) > [Call history](#) > [Call time](#).

• Press Options to access the following options; [Last call time](#), [Total dialled](#), [Total received](#), [Reset all time](#)

1. Call history

■ Call cost

This menu informs a cost of called which has been Sent or Received.

1. In Idle screen, press [Main menu](#) > [Call history](#) > [Call cost](#).

- Press Options to access the following options; [Last call cost](#), [Total cost](#), [Reset Cost](#), [Max Cost](#), [Price Per Unit](#)

■ SMS counter

This menu informs a quantity of SMS which has Sent or Received.

1. In Idle screen, press [Main menu](#) > [Call history](#) > [SMS counter](#).

- Press Options to access the following options; [Sent](#), [Received](#)

■ GPRS counter

This menu informs a quantity of MMS which has Sent or Received.

1. In Idle screen, press [Main menu](#) > [Call history](#) > [GPRS counter](#).

- Press Options to access the following options; [Last sent](#), [Last received](#), [All sent](#), [All received](#), [Reset counter](#)

■ Delete call log

This option is used for you to erase all the call lists through call option menu. (Missed, Sent, Received, All). It will erase all the record of calls with ease.

1. In Idle screen, press [Main menu](#) > [Call history](#) > [Delete call log](#).

- Press Options to access the following options; [Missed calls](#), [Dialled calls](#), [Received calls](#), [Delete all](#)

■ Auto quick end

1. In Idle screen, press [Main menu](#) > [Call history](#) > [Auto quick end](#).

- Press Options to access the following options; [Set](#), [Time](#)

1. In Idle screen, press [Main menu](#) > [Clock](#).

■ Alarm

In Alarm, you can set alarm to alert in settled days and time.

1. In Idle screen, press [Main menu](#) > [Clock](#) > [Alarm](#).

- Press Edit to access the following options; [Set](#), [Time](#), [Repeat](#), [Audio Options](#), [Snooze\(Mins\)](#), [Alert Type](#)

Set: Select On or Off.

Time: Set time, then select AM or PM.

Repeat: Select Once, Everyday or days(Select Monday~Friday.).

Audio Options: Select Tone or FM radio.

Snooze(Mins): Set as Default or 1~10.



Alert Type: Select the mode Vibration only, Vibra and ring and Ring.

■ World clock

Allows you to check the time based on Greenwich Mean Time (GMT) in major cities around the world. In World clock, you can set Daylight to get a right time for each Capitals.

1. In Idle screen, press [Main menu](#) > [Clock](#) > [World clock](#).

2. Option -> Select [On/Off](#).

3. Tap  /  to scroll to the city you want. As the time line moves, the current day and time of the chosen time zone is displayed.

■ Stopwatch

Use this menu to measure elapsed time.

1. In Idle screen, press [Main menu](#) > [Clock](#) > [Stopwatch](#).

Typical stopwatch

In Typical stopwatch, you can use the stopwatch in Split, Lap and also can view a record.

Split timing

- To start, select [Start](#).

- To Stop, select [Stop](#).
- To Resume, select [Resume](#).
- To Split, select [Split](#).
- To Stop, select [Stop](#).
- To Save Split time, select [Back](#) then select [Yes](#). Input Save Stopwatch title and select [Options](#) then select [Done](#).

Lap timing

- To start, select [Start](#).
- To Stop, select [Stop](#).
- To Resume, select [Resume](#).
- To Lap, select [Lap](#).
- To Stop, select [Stop](#).
- To Save Lap time, select [Back](#) then select [Yes](#). Input Save Stopwatch title and select [Options](#) then select [Done](#).

View record

- Select a view desired and select [Options](#) to display following options; [View](#), [Delete](#), [Delete All](#)

nWay stopwatch

In nWay stopwatch, you can use each 4 stopwatches.



1. Select [First icon](#), [Second icon](#), [Third icon](#) or [Forth icon](#).

■ **Time and date**

Allows you to change the time and date settings.

1. In Idle screen, press [Main menu](#) > [Clock menu](#) > [Time and date](#).

Set home city

1. Tap  /  to scroll to the city you want. As the time line moves, the current day and time of the chosen time zone is displayed.
2. Select [OK](#).

Set time/date

1. Set the current time and date.
2. Select [Time](#), [Date](#) or [Daylight saving](#).
 - Time: Input the Time using with numeric key, then select AM or PM.
 - Date: Input the Date using with numeric key.
 - Daylight saving: Select On or Off.
3. Select [OK](#).

Set format

1. Set the input format for date and time.
2. Select [Time format](#) or [Date format](#).
 - **Time format:** Select 12 or 24 mode.
 - **Date format:** Select DD-MMM-YYYY, DD/MM/YYYY, MM/DD/YYYY, YYYY/MM/DD, YYYY-MM-DD or MMM DD, YYYY.
3. Select [OK](#).

Auto update of date and time

Allows the phone to update the current date and time automatically from the network.

1. Select [On/Off](#).

1. In Idle screen, press [Main menu](#) > [Organizer](#).

■ Calendar

Use this menu to keep track of your monthly schedule.

1. In Idle screen, press [Main menu](#) > [Organizer](#) > [Calendar](#).

- Press Options to access the following options; [View](#), [Add](#), [Jump to date](#), [Go to weekly view](#)/[Go to monthly view](#), [Print](#)

Add events

1. On Task List screen, select [Options](#) > [Add](#).

- Press Options to access the following options; [Select type](#), [Starts](#), [Ends](#), [Note](#), [Alarm](#), [Repeat](#), [Location](#), [Priority](#)

Select type : Select Reminder, Meeting, Course, Date, Call or Anniversary.

Starts: Set date/time, then select AM or PM.

Ends: Set date/time, then select AM or PM.

Note: Select Edit then input a memo.

Alarm: Select On or Off.

Repeat: Select Once, Everyday, days(Monday~Friday or Weekends), Weekly or Monthly.

Location

Priority: Select High, Medium or Low.

2. Select [Done](#) then select [Yes](#) to finish.

Jump to date

1. On Option screen, select [Jump to date](#).

2. Input date use digit key then select [OK](#).

■ To do list

In To do list, you can add events to remember the special days or event.

1. In Idle screen, press [Main menu](#) > [Organizer](#) > [To do list](#).

- Press Options to access the following options; [View](#), [Add](#), [Edit](#), [Delete](#), [Delete all](#), [Send vCalendar](#)

View: Any event once after specified can be checked everyday through the following options displayed on calendar screen.

Add: Add event.

Edit: To edit event.

Delete: To delete event.

Delete all: To delete all event.

Send vCalendar: To send vCalendar.

■ Schedule power on/off

1. In Idle screen, press **Main menu** > **Organizer** > **Schedule power on/off**.

• Press **Edit** to access the following options; **Status, On/Off, Time, Date**

Status: Select Disable or Enable.

Select On or Off.

Time: Input the Time using with numeric key, then select AM or PM.

Date: Input the Date using with numeric key.

2. Select **OK**.

■ Schedule FM record

1. In Idle screen, press **Main menu** > **Organizer** > **Schedule FM record**.

• Press **Edit** to access the following options; **On/Off, Date&Time, Repeat, Channel Setting, Record Setting:**

On/Off: Select On or Off.

Date&time: Input Date&Time using numeric key.

Repeat: Select Once, Everyday, Days(Select Monday~Friday.), Weekly or Monthly.

Channel setting: Set Channel.

Record setting: Setting Record format(AWB, AMR or WAV), Audio quality(Low or Hight), Storage(Phone or Memory card), Record file(New file or Append file).

1. In Idle screen, press **Main menu** > **Multimedia**.

■ Camera

The phone's digital camera allows you to take pictures. You can then send a picture to someone as an MMS or use pictures as a screen saver or wallpaper.

1. In Idle screen, press **Main menu** > **Multimedia** > **Camera**.

- **From Menu:** On the menu screen, select multimedia then select camera. Press the menu Key again.

Note: Please press back key or Capture button again in Captured screen to go back to preview mode.

Note: Keep pressing and hold the lower side camera key in Idle screen.

Note:

- Wait a few seconds for the digital sensor to adjust to digital tone of color when starting camera operation, which will make the quality of images excellent.
- Sound similar to the shutter of a camera will be heard for you to feel the same as with the actual camera when the moment a picture is taken.

Camera Options

The camera built-in the mobile includes functions of digital zooming and glossy adjustment. If the camera starts to operate, the following icon will be displayed on the option below the screen.

- Select **Options** to access the following options; **Album**, **Camera setting**, **Image setting**, **White balance**, **Scene mode**, **ISO**, **Effect settings**, **Add frame**, **Storage**, **Restore default**

Album: Shows Image album.

Camera setting:

- **Flash:** Select On, Auto or Off.
- **Shutter sound:** Select Sound 1 ~ Sound 3 or Off.
- **EV:** Select EV +4 ~ EV -4.
- **Banding:** Select 50Hz or 60Hz.

- **Delay timer:** Select 5 secs, 10 secs, 15 secs or Off.
- **Cont. shot:** Select Off, Tile shot or Burst shot.

Image setting:

- **Image size:** Size of image that you want to shoot 240x320, 320x240, 640x480

- **Image quality:** Select Low, Normal or High.

White balance: Select Auto, Daylight, Tungsten, Fluorescent, Cloud, Incandescence or Manual.

Scene mode: Select Auto or Night.

ISO: Select Auto, Low, Medium or High.

Effect settings: Select Normal, Grayscale, Sepia or Color invert.

Add frame: Select your favorite fun picture frame to decorate your picture frame to decorate your picture.

- **Wall Paper Frame:** Select Off or Frame 1 ~ Frame 10.

Storage: Select Phone or Memory card.

Restore default: Select Restore default Yes or No.

Note:

- You can adjustment digital Zooming use upper or low direction Key on camera screen.
- By pressing # key, you can select the Function Icon display or non-display.
- By pressing 0 key, you can change to Video recorder mode.

■ Images

Allows you to see the photos stored on the phone/memory card.

1. In Idle screen, press [Main menu](#) > [Multimedia](#) > [Images](#).

Image viewer

Enables you to view or edit the photos saved in your phone/memory card.

- Select [Options](#) to access the following options; [View](#), [Image info](#), [Browse style](#), [Forward](#), [Rename](#), [Delete](#), [Delete all files](#), [Sort by](#), [Storage](#)

View: To view an image.

Image info: To view an image information.

Browse style: Select List style or Matrix style.

Forward: Set as To wallpaper, To screen saver, To power on display, To power off display, To Phonebook, To MMS, To Email or To Bluetooth.

Rename: Rename an image.

Delete: Delete an image.

Delete all files: Delete all images.

Sort by: Select By name, By type, By time, By size or None.

Storage: Select Phone or Memory card.

Photo editor

Photo artist

1. On Photo editor screen, select Photo artist to display the following information.
2. Select Received, Audio, Ebook, MTKVoipLog, Video, My Music, Photos, Images or @Java, then select [Open](#).

Image tiles



1. On Photo editor screen, select Image tiles to display the following information.
2. Select 2 image tiles, 4 image tiles or 9 image tiles, then select [Select](#).
3. Select Phone or Memory, then select [Open](#).
4. Select Received, Audio, Ebook, MTKVoipLog, Video, My Music, Photos, Images or @Java, then select [Open](#).

Videos

1. In Idle screen, press [Main menu](#) > [Multimedia](#) > [Videos](#).

Video recorder

Allows you to record video onto your phone.

1. On Videos screen, select Video recorder to display the following information.
2. Select  icon to Start Record Video. One More select  icon to suspend Record Video.

3. Select  icon to Stop Record Video, then select save video Yes or No.

Video recorder Options

• Camcorder setting:

- **White balance:** Select Auto, Daylight, Tungsten, Fluorescent, Cloud, or Incandescence.
- **EV:** Select EV +4 ~ EV -4.
- **Night mode:** Select On or Off.
- **Banding:** Select 50Hz or 60Hz.

• Video setting:

- **Video size:** Select QCIF(176x144) or CIF(352x288).
- **Video quality:** Select Normal, Low, Fine or High.
- **File size limit:** Select No limit, 95k, 195k or 295k.
- **Rec time limit:** Select No limit, 15 sec, 30 sec or 60 sec.
- **Record audio:** Select On or Off.
- **Encode format:** Select Mpeg4 or H.263.

• Effect setting:

Select Normal, Grayscale, Sepia, Sepia green, Sepia blue, Color invert, Gray invert, Blackboard, Whiteboard, Copper carving, Blue carving, Embossment, Contrast or Sketch.

• Storage:








Select Phone or Memory card.

• Restore default:

Select Restore default Yes or No.

Note: By pressing 0 Key, you can change to Video recorder mode.

How to use the Video Recorder

- To Start Video Record or Pause Video Record use Center of the  icon or  icon.
- To Stop Video Recording use,  icon.
- To adjust EV use Left and, Right of the  icon or  icon.
- To adjust Zoom mode, use Upper and Lower of the  icon or  icon.

Video player

Enables you to play or edit the videos saved in your phone/memory card.

1. On Videos screen, select Video player to display the following information.
2. Select Phone or Memory Card.

- Select **Options** to access the following options; **Play**, **Forward**, **Rename**, **Delete**, **Delete all files**, **Sort by**, **Streaming URL**, **Network settings**, **Storage**

Play: Play recorded or saved video.

Forward: Set as To wallpaper, To Phonebook, To MMS, To Email or To Bluetooth.

Rename: Rename a video file.

Delete: Delete a video file.

Delete all files: Delete all video files.

Sort by: Select By name, By type, By time, By size or none.

Streaming URL: Select Predefined, History, Input URL.







Network settings: Select Data account, Proxy or UDP port.

Storage: Select Phone or Memory card.

In Addition, on Video Player, press option to display the following information.

- **Video settings:** Select ., Contrast or Auto repeat.
- **Network settings:** Select Data account, Proxy or UDP port.
- **Bluetooth settings:** Select BT stereo output or BT stereo headset.

How to use the Video Player

- To Play Video, also Pause and Resume, use Center of the  icon or  icon.
- To adjust Play speed, use Upper and Lower of the  icon or  icon.
- To move to Forward, use Right of the  icon.
- To move to Backward, use Left of the  icon.

Video editor

1. On Videos screen, select **Video editor**.
- Select **Options** to access the following options; **Insert video**, **Insert image**

■ Free Air TV

1. In Idle screen, press [Main menu](#) > [Multimedia](#) > [Free Air TV](#).

■ Audio player

You can use your phone to play MP3, MIDI, WAV, AMR or iMelody files using the to play, rewind, fast forward and stop, as well as skipping between tracks.

1. In Idle screen, press [Main menu](#) > [Multimedia](#) > [Audio player](#).

Hot Key: Press MP3 Key in Idle screen.

2. Select [List](#) and select audio file.

• Select [Options](#) to access the following options; [Play](#), [Detail](#), [Add To Rings](#), [Refresh List](#), [Settings](#)

Play: Play audio.

Detail: To view audio information.

Add To Rings: Select audio file then press OK to finish.

Refresh List

Settings:

- **Player settings:**

Pre, play list: Select Phone or Memory card.

List auto gen: Select On or Off.

Repeat: Select One, All or Off.

Shuffle: Select On or Off.

Background play: Select On or Off.

- **Display settings:**

Skin: Select Skin1 or Skin2.

Spectrum display: Select Off, Style 1 or Style 2.

Lyrics display: Select On or Off.

- **Sound effect:**

Equalizer: Select Normal, Bass, Dance, Classical, Treble, Party, Pop or Rock.

Play speed: Select Normal, Fast, Fastest, Slowest or Slow.

Reverb effect: Select None, Concert, Shower, Church, Small room, Opera or Bath room.







3D surround: Select Off, Mode1 or Mode2.

• **Bluetooth settings:** Select BT stereo output or BT stereo headset.

You can see the below option When the play list has no song.

1. Select Refresh list or Settings.

How to use the audio player

-  /  : To play or Pause the player.
-  : To Stop Playing Audio Player.
-  : To play the next file.
-  : To play the previous file.
-  : Select Settings menu.
- Select sound up and down use side volume key.

How to list up to the play list

To list up the audio file to play list, use USB cable.





1. Connect the USB cable with Phone and PC.
2. After connecting the USB cable, you can access to Phone memory and Memory card.
3. Copy the audio file to 'My Music' then you can list up the play list into the audio player.



Note: We do not guarantee the audio file, which has converted by variable audio rate.

FM radio

Your phone allows you to listen to FM stations and also to record live radio broadcasts.

1. In Idle screen, press [Main menu](#) > [Multimedia](#) > [FM radio](#).

- Tap FM radio main screen Search channel list.
-  : Radio power on, select  icon.
-  : Move to forward frequency, select  icon.

- : Move to Backward frequency, select  icon.
- To adjustment sound use side volume key.

FM Radio Options

- **Channel list:** Select [Options](#) and select [Edit](#). On edit screen, input Channel name and Frequency and select [OK](#) then select [Yes](#) to save channel.
- **Manual input:** Input a frequency by using numeric key.
- **Preset auto search:** Searching a frequency automatically.
- **Settings:**
 - **Background play:** Select On or Off.
 - **Skin:** Select Skin 1 or Skin 2.
 - **Loud speaker:** If this function turned on, Radio will sound from both speaker and earphone.
 - **Record format:** Select AWB, AMR or WAV.
 - **Audio quality:** Select Low or High.
 - **Record storage:** Select a Storage, Phone or Memory card.
 - **Channel effect:** Select Stereo or Mono.
- **Record:** Cut a record radio.
- **Append:** Can append to pre-recorded audio file. Select recorded file then start append record.
- **File list:** Recorded radio file list.

Note: To use the FM radio you must connect the earphone as antenna.

■ Sound recorder

Allows you to record sound to use as a voice memo, ring tone or MMS attachment.

1. In Idle screen, press [Main menu](#) > [Multimedia](#) > [Sound recorder](#).

Press [Options](#) and select Record.

- Select [Pause](#) to Pause to record sound.
- Select [Stop](#) to Stop to record sound.

- Select **Cont.** to Continue to record sound.
- 2. Input File name, then select **Options**.
- 3. Select **Save**, then select **OK**.
- Select **Options** to access the following options; **Record**, **Play**, **Append**, **Rename**, **Delete**, **Delete all files**, **Settings**, **Forward**
 - Record**: Start record
 - Play**: Play recorded file.
 - Append**: Can append to pre-recorded audio file. Select recorded file then start append record.
 - Rename**: Rename a recorded file.
 - Delete**: Delete a recorded file.
 - Delete all files**: Delete all recorded files.
 - Settings**: Select recording format.
 - Select Phone or Memory card.
 - Select AWB, AMR or WAV.
 - Select Low or High.
 - Forward**: Select To User profile, To MMS, To Email or To Bluetooth.

5. Phonebook



In phonebook, phone number, name and other information are saved and displayed .

1. In Idle screen, press **Main menu** > **Phonebook**.

There are two points of contact in address book.

1. **To SIM:** Information related with contact is saved in SIM memory only.
2. **To phone:** Information is saved in phone memory only.

A special icon represents each contact.

In this way, duplicate contact uses SIM contact uses SIM card-shaped icon  , and the next icon  is used for phone contact.

The followings are several rules used in address book.

- As specified, address book displays whole address book on the screen to show all contacts.

Group will be represented by a special icon.

- Information in the phone book is displayed in alphabet order. Phone number correspondent to each name is marked on the right of the line under the screen.
- Up to 30-character and 40-digit input can be saved in the phone book. (If the first text input is some symbol to represent international call, up to 41 is available)
- Up to 4 phone numbers are available for a name.
- The number of addresses available differs from each other according to card capacity.
- Up to 1,000 entries can be saved in phone memory.
- If all the information of a name can not be displayed at a time on screen, press the direction Key to move the information vertically so to display and read the rest on screen (being accordingly changed) to the end.

"....." if displayed in the end of the screen means that there is more information to come.

■ Search





1. In Idle screen, press [Main menu](#) > [Phonebook](#) > [Search](#).

Quick search

In this menu you can find the Phone number Quickly which has stored in the Phone or SIM.

On Search screen, select  Quick search.

- Select [Options](#) to access the following options; [View](#), [Edit](#), [Edit service field](#), [Delete](#), [Duplicate](#), [Send vCard](#), [Print](#)

View: Shows details on contact being selected. ( Name (it appears on the upper of the screen),  Number,  Home Number,  Company

Name,  Email Address,  Office Number,  Fax Number,  Birthday,  Associate Picture,  Associate Video,  Associate Sound,  Caller Group)

Edit: Change the information of the name selected.

Edit service field

Delete: Delete contact.

Duplicate: Duplicate contact.

Send vCard: Send vCard.

Print

This option is used to search for other contacts on the contact list.

Select Search option to display Search by name screen.

Search entry

Searches a Contact as written.

On Search screen, select  Search entry.

This option is used to search for other contacts on the contact list.

Select Search option to display Search by name screen. On the screen write characters up to 10 to find the contact name. If written, the applicable name with the same characters is displayed. Now you may search up and down to find the name on the list. For example, press No.2 Key to fast reach names

with the first character of C. If there is no name with such a character, the Key will show names with the next character (in alphabetical order).

■ Add new entry

Adds entry to To SIM or To phone.

1. In Idle screen, press **Main menu** > **Phonebook** > **Add new entry**.

• Select **Options** to access the following options; **To SIM**, **To phone**

To SIM: Input Name and Number then select **OK** > **Yes**.

To phone: Input Name, Number, Home number, Company name, Email address, Office number, Fax number, Birthday, Associate picture, Associate video, Associate sound and Caller group then select **OK** > **Yes**.

■ Caller group

By using the Caller Group, you can easily distribute a contact into Group.

1. In Idle screen, press **Main menu** > **Phonebook** > **Caller group**.

Caller group details

Select group select **OK** to edit its options as follows;

Rename Group

It is used to change selected group name. Select group name on Caller group details screen and select **Edit** to display Group name screen. Use alphabet/number buttons to change to new name. Select **Options** then select **Done** to finish.



Group Ringer

It is used to change select group ringer. Select ringer on Caller group details screen. Tap **◀** / **▶** to select None, Ring1~Ring4 or MIDI1 ~ MIDI16.

Group Picture

It is used to change select group picture. Select picture on Caller group details screen. Tap **◀** / **▶** to select group picture or select **View** then use Upper/Lower direction Key to select None, Picture 1~Picture 2 or From File.

Associate video

It is used to change select associate video. Select Video on Caller group details screen. Tap  /  to select None, Video 1 or From File.

Member list

It is used to add member in group. Select Member list on Caller group details screen.

- **Add Member:** Select [Options](#) > [Add](#). Select contact and press [Add](#) > [Yes](#) to finish.
- **Delete Member:** Select an existing group member, [Options](#) > [Delete](#) > [Yes](#) to delete member.

■ Speed dial

This function enables you to set up and edit eight frequently dialled numbers as speed dial.

1. In Idle screen, press [Main menu](#) > [Phonebook](#) > [Speed dial](#).

Enable speed dial

Select Enable Speed Dial on Speed Dial screen to toggle Speed Dial On/Off.

If this option is applied, you can make a fast call. Select number and then press it to make a fast call there to in Idle screen.

Set number

In the mobile, individual phone number can be set to each number Key of 2 to 9. For example, if you want to set Key No.7 for certain fast dial number, the procedures below shall be followed.

1. Select Set Number and press [OK](#) to go into speed dial setup window.
2. Select 7 and press [Options](#) > [Edit](#).
3. Select any contact number you want to connect with Key No.7 and press [OK](#) to finish.
4. Press [Option](#) and select [Edit](#) or [Delete](#) if you want to Edit or Delete the fast call connection.

If the fast dial number is presently activated, keep pressing Key No.7 till the call connects.

■ Owner number

The number of owner number can vary (up to 4) depending on the SIM.

1. In Idle screen, press [Main menu](#) > [Phonebook](#) > [Owner number](#).

- Select [Options](#) to access the following options; [Edit](#), [Erase](#)

■ Extra number

Use this menu to view the list of Service Dialing Numbers (SDN) assigned by your service provider, including emergency numbers and numbers for directory enquiries. This menu is available if your SIM card supports SDN.

1. In Idle screen, press [Main menu](#) > [Phonebook](#) > [Extra number](#).

2. Select [Service dial number](#) or [SOS number](#).

- **Service dial number:** The list of numbers in the SDN (Service Dial Number) appears. Select Service Numbers then press Call Key.
- **SOS number:** The list of numbers in the SOS Number. Select SOS Number then press Call Key.

■ Settings

In Settings menu, you can easily change the Storage or Copy and Delete and several other functions.

1. In Idle screen, press [Main menu](#) > [Phonebook](#) > [Settings](#).

- Select [Options](#) to access the following options; [Memory status](#), [Preferred storage](#), [Copy all](#), [Delete](#), [Caller picture](#), [Caller ring tone](#), [Caller video](#), [Caller Fields](#), [My vCard](#)

6. Message Center

1. In Idle screen, press [Main menu](#) > [Message Center](#).

■ Messages

Allows you to send and receive messages from one phone to another or from a phone to an email address.

1. In Idle screen, press [Main menu](#) > [Message Center](#) > [Messages](#).

Write message

1. Select [Options](#) > [Message type](#).
2. Select Text message or Multimedia message.

Text message

To compose a SMS message:

1. Input message.
 - Select [Options](#) to access the following options; [Done](#), [Insert](#), [Slide option](#), [Message type](#), [Details](#), [Input method](#)
- Done**
- **To:** Where main receiver's phone number or E-mail addresses Will be specified. Up to 60 characters are available for E-mail and up to 40 numbers for the phone number.
 - **Cc:** Where other receiver's contact will be displayed to receive copy of message. How to select receivers is as described previously. You may input several phone numbers or E-mail addresses to send a message to many receivers at a time through address book screen.
 - **Bcc:** Where other receiver's contact will be displayed to receive copy of message. How to select receivers is as described previously. You may input several phone numbers or E-mail addresses to send a message to many receivers at a time through address book screen.
 - **Subject:** Where title of message will be displayed. Select this option and select [Edit](#) to go to Subject screen described previously to input up to 40 characters.
 - **Details:** The Message type, Pages no., Recipients no. or Total messages appear.

6. Message Center

Select [Options](#) to access the following options; [Send](#), [Send and save](#), [Save](#), [Back to edit message](#)

Insert: Allows user to insert some object in a message. Select Image, From camera, Audio, From sound recorder, Video, From video recorder, Text templates, Attachment, Phonebook number, Phonebook name or Bookmark. **Slide option:** Select Insert new slide after or Insert new slide before.

Message type: Select Text message or Multimedia message.

Details: The Message type, Pages no., Recipients no. or Total messages appear.

Input method: Select Input method. (Smart ABC, Smart abc, Smart Thai, Multitap ABC, Multitap abc, Numeric, Multitap Thai)

Multimedia Message

To compose a MMSmessage:

1. Input message.

• Select [Options](#) to access the following options; [Done](#), [Preview](#), [Insert](#), [Slide option](#), [Message type](#), [Send option](#), [Details](#), [Input method](#)

Preview: Displays the appearance of the present messages page.

Send option:

- **Validity period:** Select Maximum, 1 hour, 6 hours, 12 hours, 1 day or 1 week.
- **Delivery report:** Select On or Off.
- **Read report:** Select On or Off.
- **Priority:** Select Normal, High or Low.
- **Delivery time:** Select Immediate, 1 hour later, 12 hours later or 24 hours later.

Inbox messages



In Inbox, all the received SMS and MMS will be stored. It can be stored up to 500. If a message is received, separately specified sound of bell will operate. And as shown below, an image will be displayed on the screen.

View Saved Message Not Read Yet

Follow the procedures below to read new message saved.

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a. **Read Text Message:** Select text message option to display text message list, received. Each message has an icon and sender's number, date. There are two kinds of icons;

-  This icon means that the message in the Inbox is not read yet.
-  This icon means that the message in the Inbox is read already.

'Inbox' of SMS

Select a SMS to read now.

- Select **Options** to access the following options; **Reply**, **Forward**, **Edit**, **Delete**, **Delete all**, **Use number**, **Use URL**, **Chat**, **Advanced**

Reply: Displays Write Text Screen to replay to the message received. Write message as desired. If you want to know how to write and send text message (SMS), refer to <Send New SMS>.

Forward: Delivers the received message to others. Input the phone number directly thereon or select a receiver on Phonebook. Then select **OK**.

Edit: Edit the message.

Delete: Delete a message.

Delete all: Deletes all Inbox messages.

Use number: Use Numbers which contained in a Message.

Use Email address: Allows you to save or use Email addresses from the message text.

Use URL: Allows you to save or use URL from the message text.

Chat: Start Chatting.

Advanced

- **Copy to SIM/Phone:** Copy the Selected Message to Phone or SIM.

- **Move to SIM/Phone:** Move the Selected Message to Phone or SIM.

- **Copy All Text Messages:** Copies all the Selected Message.

- **Move All Text Messages:** Moves all the Selected Message.

'Inbox' of MMS

Select MMS to read.

6. Message Center

- Select [Options](#) to access the following options; [View](#), [Reply to all](#), [Forward](#), [Edit](#), [Delete](#), [Delete all](#), [Properties](#), [Use detail](#)
Reply to all: Reply the MMS Message to Sender's and CC, BCC number.
Properties: Shows the message information as it appears on the recipient's phone.
Use detail: Use Numbers or Email address which contained in a Message.

Outbox messages

'Outbox' stores messages that you have failed to send, or canceled.

'Outbox' of SMS

Select a SMS to read now.

- Select [Options](#) to access the following options; [View](#), [Send](#), [Edit](#), [Delete](#), [Delete all](#), [Use number](#), [Use URL](#), [Chat](#), [Advanced](#)

'Outbox' of MMS

Select a MMS to read now.

- Select [Options](#) to access the following options; [View](#), [Send](#), [Edit](#), [Delete](#), [Delete all](#), [Properties](#), [Save object](#), [Use detail](#)
Save object: Save object which is attached in Message.

Sent message

'Sent' stores messages that you have sent.

'Sent' of SMS

Select a SMS to read now.

- Select [Options](#) to access the following options; [View](#), [Forward](#), [Edit](#), [Delete](#), [Delete all](#), [Use number](#), [Use URL](#), [Advanced](#)

'Sent' of MMS

Select a MMS to read now.

- Select [Options](#) to access the following options; [View](#), [Send](#), [Edit](#), [Delete](#), [Delete all](#), [Properties](#), [Save object](#), [Use detail](#)

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6. Message Center

Drafts messages

'Drafts' store messages which is saved for holding or keeping.

'Drafts' of SMS

Select a SMS to read now.

- Select [Options](#) to access the following options; [View](#), [Send](#), [Edit](#), [Delete](#), [Delete all](#), [Use number](#), [Use URL](#), [Advanced](#)

'Drafts' of MMS

Select a MMS to read now.

- Select [Options](#) to access the following options; [View](#), [Send](#), [Edit](#), [Delete](#), [Delete all](#), [Properties](#), [Use detail](#)

Delete folder

Deletes all Messages from selected folder or Delete all folder at once.

1. Select Inbox, Unsent, Outbox, Drafts or Delete all folders.
2. Select [OK](#) > [Yes](#).

Templates for SMS

Select a pre-written Template above the list. You can easily edit the prewritten templates as you need.

- Select [Options](#) to access the following options; [Edit](#), [Erase](#), [Erase all](#), [Write message](#)

Templates for MMS

- Select [Options](#) to access the following options; [View](#), [Properties](#), [Write message](#)

Text message settings

It is used to define a series of options for SMS. The options displayed on screen are as shown below;

- **Profile setting:** In Profile setting, you can change the Profile Name, SC Address, Valid Period and Message Type.
- **Common setting:** Can enable or disable Delivery Report and Request Replay.

- **Memory status:** It shows the memory status of SIM and Phone about the SMS message.
- **Preferred storage:** You can select the Storage for current saving point. Select SIM of Phone.
- **Pref. bearer:** You can Select the Bearer above Prefer GPRS, Prefer GSM, GPRS Only and GSM Only.

Multimedia message settings

It is used to define a series of options for MMS. The options displayed on screen are as shown below;

- **Compose:**
 - **Creation mode:** Select Free or Restricted.
 - **Image resizing:** Select 160X120, 320X240, 640X480 or Off.
 - **Auto signature:** Select On or Off.
 - **Text:** Input Text.
- **Send**
 - **Validity period:** Maximum period can be specified as necessary to make message sent. If once the period is over, the message will be automatically deleted. 1 Hour, 12 Hours, 1 Day, 1 Week and the Maximum are available for the period. The Maximum has been previously established by its service provider.
 - **Delivery report:** When this option is set to On, the network informs you whether or not your message has been delivered successfully.
 - **Read report:** When this option set to On, receiver's phone sends a reply to let you know when your message was read by her/him.
 - **Priority:** Select Low, Normal or High.
 - **Slide timing:** Displays the play time in second during the attached file is played.(Up to 99 seconds available.) Input 1 to 99.
 - **Delivery time:** Select In one hour, In 12 hours, In 24 hours or Immediate.
- **Retrieval:**
 - **Home network:** Select Immediate, Restricted or User Confirmation.
 - **Roaming:** Select As Home, Delayed or Restricted.

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6. Message Center

- **Read report:** Select On request, Send or Never Send.
- **Deliver report:** Select On or Off.
- **Filters:**
 - **Anonymous:** Whether Allow or Reject Unknown Message.
 - **Max size:** Input 11~300 KB.
 - **Advertisement:** Whether Allow or Reject advertisement Message.
- **Server profile:** Select movistar MMS or Profile2 ~ Profile10 to edit.
- **Memory status:** This function displays the amount of used and available memory on your phone.

■ Chat

The Chat application allows you to join wireless chatrooms from your phone, to send text messages and icons to chatroom participants, or to launch a one-on-one (private) chatroom.

1. In Idle screen, press **Main menu** > **Message Center** > **Chat**.
2. Select Chat room 1 or Chat room 2 and select **Options**.
3. Select Chat room info. Set My nickname, select **Edit** to display My nickname screen. Use alphabet/number buttons to change to new Nickname. Select **Options** > Done to finish.
4. Set Remote number then select **OK** > **Yes** to save it.
5. Select Start new and send message.

■ Voice mail server

If your subscription includes an voice mail service, callers can leave you a voice message when you cannot answer a call.

1. In Idle screen, press **Main menu** > **Message Center** > **Voice mail server**.
2. Select **Options**.

The options are as follow;

Whatever is selected (Edit, Connect to Voice), you may hear instructions if connected to the number you joined. And if any of those is unavailable, an error message will be displayed on screen of the phone.

In case a call is made to voice mailbox.

Email

The Email application allows you to send and receive emails containing text and attachments.

1. In Idle screen, press [Main menu](#) > [Message Center](#) > [Email](#).

Send and receive

To retrieve e-mail messages from a remote mailbox. If you want to receive messages only from a specific account, in the application main view, select the desired account then select [OK](#) > [Yes](#). If you have e-mail messages in the Unsent folder, these messages are sent simultaneously.

Write Email

- **To:** Where main receiver's E-mail addresses will be surely specified. Up to 60 characters are available for E-mail address.
- **Cc:** Where other receiver s contact will be displayed to receive copy of message.
- **Subject:** Where title of message will be displayed. Select this option and select [Edit](#) to go to Subject screen described previously to input up to 50 characters.
- **Attachment:** Maximum 300Kbyte can be attached.(Max. each 100Kbyte)
- **Priority:** Select High, Medium or Low.
- **Content:** Where the message can be written.(Max. 600 character)

Note: After pressing 'Done' you can send the Email or Save.

Inbox

In Inbox, select [OK](#) to read or select [Options](#) to display various option menus.

Outbox

In Outbox, select [OK](#) to read or select [Options](#) to display various option menus.

Sent

In Sent, select [OK](#) to read or select [Options](#) to display various option menus.

Drafts

In Drafts, select [OK](#) to read or select [Options](#) to display various option menus.

Delete all folder

Can Delete each folder or delete all the folder in once.

Delete all marks

Can Delete each folder or delete all the folder in once.

Email accounts

Choose the Data account.

- Select [Options](#) to access the following options; [Activate](#), [Edit](#)

Activate

Edit

- Account setting:

Account name: Input the account name.

Data account: Choose the Data account.

Protocol: Choose the protocol above POP3 or IMAP4.

Check interval: Choose the interval time. (Off, 5 min, 30 min, 1 hour, 2 hours)

Download size: Input the download size(Max. 317440 byte)

Reply to address

- Outgoing server:

Outgoing server: Input the name of outgoing server.

Outgoing port: Input the number of outgoing port.

Display name: Input display name.

E-Mail address: Input email address.

Authentication: Select On or Off.

- Incoming server:

Incoming server: Input the name of Incoming server.

Incoming port: Input the number of Incoming port.

User name: Input User name.

Password: Input Password.

Download options: Select Download all or Header only.

6. Message Center

Copy on server: Select On or Off.

Del server mail: Select On or Off.

Signature:

Auto signature: Select On or Off.

Signature image: Select None or From file.

Signature text: Input Signature text.

Template

- Select [Options](#) to access the following options; [Edit](#), [Erase](#), [Write Email](#)

■ Broadcast message

If this service is available, the phone may display Broadcast Messages for topics such as weather and traffic as soon as they are received by the phone.

1. In Idle screen, press [Main menu](#) > [Message Center](#) > [Broadcast message](#).

- **Receive Mode:** Allows you to receive Broadcast messages if this option is selected. (Default is set to Off)
- **Read Message:** Shows CB messages recently received, not saved nor deleted on this screen. If there is no message, List is empty will be displayed. If there is any message, its related title will be shown. Press details Key for further information. To save the message select [Yes](#), and select [No](#) to delete.
- **Languages:** Check On or Off the desirable Language.
- **Channel setting:** Defines a channel to receive Broadcast messages. Select a new channel from the list to display on screen and use option Key to execute. If you want to add a new channel to list, press option Key and then Add. Input new channel number to number writer and select [OK](#) (Up to 3-digit number is available and the number shall be surely input. If not, channel setting will not be available). The Write option of sub-menu edits name and number assigned to the selected channel on the list. Up to 10 channels are available.

Note: The Broadcast message menu will be shown if the SIM supports.

1. In Idle screen, press [Main menu](#) > [Fun & Games](#).

■ Java

In Java, you can use downloaded contents and can also change the settings.

1. In Idle screen, press [Main menu](#) > [Fun & Games](#) > [Java](#).

You can download and execute the java application on your phone.

• **Install Application:** You can easily install JAVA application from WAP.

• **Java Profile:** Edit a setting for JAVA

- **Activate Profile:** Select the profile Default or Profile1~Profile10.

- **Volume:** Set java volume.

- **Vibration:** Set Off or On.

• **Opera Mini**

Note: Before using Opera mini please set the Date&time first, otherwise you can not use properly.

Note: In order to use "Opera Mini" over Wi-Fi network, it is requested to activate Wireless LAN in Services > Data Account > Wireless LAN. Then "WLAN" in JAVA profile need to be selected.

- **Launch:** Start the selected application.

- **Info:** Displays Opera Mini information for the selected application such as Name, Size, Version, Vendor, Description, Website, Authorized by, etc.

- **Update:** Start the selected application's Update.

- **Settings:** To set Opera Mini settings.

■ Games

In Games, you can choose desired game to play.

1. In Idle screen, press [Main menu](#) > [Fun & Games](#) > [Games](#).

Egg Othello

This game rule is the same as Othello. Those who acquire more stone wins!

Salad World

Move vegetables and arrange more than 3 same kind of vegetables in a row to evacuate them. Use special items such as magnetics, fog, spinning vegetables to take advantage.

7. Fun & Games

Pikko

Shot Pikko aiming the basket by targeting arrow indicator, showing wind strength. Wind direction bar shows wind strength. When ready, press OK Key to shot Pikko. You've got 5 chances! You can get a chance whenever you succeed every 5 times.

Note: To navigate menu in each game, it is requested to use numeric key as below.

- Up : Numeric key "2"
- Down : Numeric key "8"
- Left : Numeric key "4"
- Right : Numeric key "6"
- OK : Numeric key "5" or "Menu/select" key
- Cancel or Previous : Numeric key "0"

This menu allows you to use service including WAP, STK, VoIP, SyncML and Data Service.

1. In Idle screen, press **Main menu** > **Service** .

■ STK

1. Use function of SIM Tool Kit.

2. This menu can be used if the SIM supports.

■ WAP

Allows you to connect to WAP (mobile internet) sites. This item may be named after your network providers' WAP service. The WAP browser works in a similar way to an Internet browser on a PC.

1. In Idle screen, press **Main menu** > **Service** > **WAP**.

- **Homepage:** Goes to homepage directly.
- **Bookmarks:** This provides easy website access without inputting a URL again.
 - Select **Options** to access the following options; **Goto**, **Edit**, **Send**, **Delete**, **Delete All**, **Add Bookmark**
 - Goto:** Connect to the bookmarked WAP page.
 - Edit:** Edit the name and URL of the selected bookmark.
 - Send:** Select Via SMS, Via MMS or Via Email.
 - Delete:** Delete the selected bookmark.
 - Delete All:** Delete all bookmarks.
 - Add Bookmark:** Bookmark the site.
- **Recent page:** To Allows the user to goto the URL, which you recently connected.
- **Offline pages**
- **Enter address:** Input the URL you want to go.
- **Service inbox:** To save WAP push message.
- **Settings:**
 - **Edit profile:** Select the Profile 1~10 and edit.
 - **Browser options:**
 - Timeout:** The Timeout is disconnection time when there are no response in GPRS connection. Input 15~300.
 - Show Image:** The Show Image is the choice of viewing an image in WAP connection. Select On or Off.

- **Service message settings:** Select On or Off.
- **Clear cache:** Select [Yes](#) to clear Cache.
- **Clear cookies:** Select [Yes](#) to clear Cookies.
- **Trusted certificates:** Saves and lists the Trusted Certificates from WAP sites. You can view and delete the certificates.

■ Synchronization

1. In Idle screen, press [Main menu](#) > [Service](#) > [Synchronization](#).

Sync now

1. Select [Sync now](#) > [Yes](#) to reset all time.
- Select [Options](#) to access the following options; [Activate](#), [Edit](#)

Sync settings

1. Select Sync settings to display new menu with the following options;

- **Profile:** Select Profile 1 ~ Profile 3.
- **Profile name:** Edit the Profile name
- **Sever settings:** Edit the Server name
- **Contact database setting:** Edit the Database address/Username/Password
- **Calendar database setting:** Edit the Database address/Username/Password.
- **Connection setting:** Edit the Data account/Connection type/Proxy name, IP, port/User name/Password.
- **Applications to sync:** Select the Item which you want to sync and turn on or off.
- **Regular sync:** Select the time regulation to be sync.
- **Sync report:** To get the sync report, elect [On/Off](#).

Note:

For more details, please contact your network operator.

■ VoIP

1. In Idle screen, press [Main menu](#) > [Service menu](#) > [VoIP](#).

- **Login:** Press Login to be in online.
- **Current status:** Shows the status.
- **Profile setting:** Select Profile 1 ~ Profile 2.
- **Call setting**

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Select [Auto answer](#), [Auto reject](#), [Auto redial](#), [Hide caller ID](#), [DTMF](#), [Secure RTP](#), [Comfort noise](#) or [Set codec order](#)

- **Auto answer:** Select Off, Any key or Auto.
- **Auto reject:** Select Off, Reject anonymous or Do not disturb.
- **Auto redial:** Select Off or On.
- **Hide caller ID:** Select Off or On.
- **DTMF:** Select Inband, Outband or Off.
- **Secure RTP:** Select Off or On.
- **Comfort noise:** Select On or Off.
- **Set codec order:** Select code.

• **New call:**

Select [Options](#) to access the following options; [Dial](#), [Save to Phonebook](#), [Input method](#), [SOS number](#)

- **Dial:** Tries a call to the phone previously selected.
- **Save to Phonebook:** Save selected number to the Phonebook.
- **Input method:** Select Multitap ABC, Multitap abc or Numeric.
- **SOS number**

• **Common setting:** Edit the common setting.

- **Profile name:** Edit the Profile name.
- **Data account:** Edit the account name.
- **Auto Login:** Turn on or off the Auto login.
- **Voice mail server:** Set the Voice mail server.

• **Account settings:** Edit the account setting.

- **SIP server:** Edit SIP server name.
- **SIP port:** Edit SIP port number.
- **Display name:** Edit display name.
- **User name:** Edit User name.
- **Password:** Edit Password.
- **Auth name:** Edit Authentication name

• **Outbound server**

• **Register server**

• **NAT setting**

Note:

For more details, please contact your network operator.

■ Data account

You can change the settings for GSM and GPRS network services. For further details, contact your network provider.

1. In Idle screen, press **Main menu** > **Service** > **Data account**.

- **GSM data:** Displays environmental setting of GSM connection and specifies number to call, type of terminal (analog or digital), and inactive duration till the service is available.

Select **Options** to access the following options; **Account Name**, **Number**, **User name**, **Password**, **Line type**, **Speed**, **DNS**

- **Account Name:** Edit the account name.
- **Number:** Enter the server phone number.
- **User name:** Enter the user name to connect to the GSM Data network.
- **Password:** Enter the password to connect to the GSM Data network.
- **Line type:** Choose ISDN or Analogue.
- **Speed:** Select from 4.8KBps, 9.6KBps and 14.4KBps.
- **DNS:** Enter the IP address.

- **GPRS:** Helps to change the address of APN or communication network. Select **Options** to access the following options; **Account Name**, **APN**, **User name**, **Password**, **Auth. type**

• Wireless LAN

- **Enable/Disable WLAN**
- **Current status:** Shows the status.
- **Access point settings:** after setting the Access point , you can easily connect to selected Access point without password input.
- **Search for networks:** searching the Access point.

Note: Please disable the WLAN in case of no use. Otherwise the battery will consumes more than a normal state.

■ Rights manager

1. In Idle screen, press **Main menu** > **Service** > **Rights manager**.

2. Select List rights, General info, White list, Trans. tracking or Advance.

Note: This menu is regarding DRM(Digital Rights Management). For more details, please contact your network operator...

1. In Idle screen, press **Main menu** > **Extra**.

■ Calculator

The mobile calculator helps you to perform basic calculation work. Follow the procedures below to use the calculator.

1. In Idle screen, press **Main menu** > **Extra** > **Calculator**.

- Use number keys to input numbers desired.
- Use **.** Key to display a decimal point.
- Use **#** Key to make a negative number.
- After desired number is input, press Navigation Key to input the signs of +, −, x and ÷.
- Input the first number and then the second number to calculate.
- To get the result of the calculation, press Equals Key (See the figure below).
- You can use the acquired result to apply to other calculation with Navigation Keys. This calculator does not support simultaneous multi-calculation. You should divide the object into several in such a case and then perform each calculation in due consideration of calculation priority.

Select **Back** to return to previous screen.

How to use MC, MR, M- and M+

- MC (Memory Clear)
- MR (Memory Read)
- M- (Subtract the result from memory)
- M+ (Add the result from memory)

For example, when calculating the $(3 \times 2) + (5 \times 4)$ you need each result for (3×2) and (5×4) to get the grand total.

However, it's more convenience when using the MC, MR, M- and M+. First, calculate (3×2) to get the 6 and press M+ to keep it into memory, then calculate (5×4) continuously to get the 20 and press M+ again to get the grand total 26.

■ Unit Converter

In Unit Converter, you can get a Weight and Length in converted value.

1. In Idle screen, press **Main menu** > **Extra menu** > **Unit converter**.

- **Weight:** kg <-> g, kg <-> t or etc.
- **Length:** km <-> inch, ft <-> or etc.
- **Volume:** ml <-> l, mm3 <-> cm3 or etc.
- **Temperature:** centigrade <-> Fahrenheit, Fahrenheit <-> centigrade
- **Velocity:** km/h <-> m/s, mile/h <-> ft/s or etc
- **Surface:** acre <-> ha, mm2 <-> cm2 or etc.

■ Currency Converter

In Currency Converter, you can get a several currency in converted rate.

1. In Idle screen, press **Main menu** > **Extra** > **Currency converter**.

2. First, select the Local currency.

3. Next, select Foreign currency and input the each currency rate then select **OK**.

4. Then you may calculate automatically, the currency that you selected.

■ E-Book reader

Allows you to view documents stored in the phone's memory or SIM in an easy to read format.

1. In Idle screen, press **Main menu** > **Extra** > **E-Book reader**.

Select **Options** to display the following information.

• Clean up Bookshelf

• Global settings

- **Font style:** Select Normal, Italic or Bold.
- **Font size:** Select Small, Medium or Large.
- **Scroll by:** Select Line or Page.
- **Auto scroll:** Select On or Off.
- **Scroll speed:** Select 1 ~ 5.
- **Full screen:** Select On or Off.
- **Encoding:** Select ASCII(Western Windows), UCS2(Unicode) or UTF8.

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- **Select memory:** Select Phone or Memory card.

■ Health

You can check your BMI and Menstrual.

1. In Idle screen, press **Main menu** > **Extra** > **Health**.

BMI

Allows you to calculate your Body Mass Index (BMI) by inputting your gender, height and weight. You can also check your bio rhythm with your birth date.

- **Select Male or Female.**
- **Input Height (cm) use numeric key.**
- **Input Weight (kg) use numeric key.**

If all information has inputted, select **OK** to get the BMI result.

Menstrual

You can also check your Menstrual cycle.

- **Input Last mens date.**
- **Input Average period use numeric key.**

If all information has inputted, select **OK** to get the Menstrual result.

In Settings menu, you can specify all appearances of the mobile.

1. In Idle screen, press [Main menu](#) > [Settings](#).

■ Phone setup

The Phone setup menu allows you to change the way your phone operates.

1. In Idle screen, press [Main menu](#) > [Settings](#) > [Phone setup](#).

Note: In Idle screen of the screen, keep pressing *(Star) for a few seconds to change the option to Vibrate mode, if you keep pressing *(Star) for a few second again in manner mode it will change to the predefined mode.

Sound Profile

In Sound Profile menu, you can easily select the pre-defined sound profile.

First, select the one of the profile then customize each items. After you customized them please activate to use the selected profile.

1. Select General, Meeting, Outdoor, Indoor, Headset or Bluetooth.

Please refer the detail instruction as followed

• General

- **Activate:** Select [OK](#) to activate the Normal sound mode.

- **Customize**

Tone Setup

Select tone item to select the desirable Bell or Melody. You can use Empty slot for select the Sound which has downloaded(from WAP or Bluetooth) or stored in T- flash Memory.

- **Incoming calls:** Incoming call alert sound. Select among the Ring 1 ~ Ring 4, MIDI 1 ~ MIDI 16 or User-delectable sound.
- **Alarm:** Alarm alert sound. Select among the Ring 1 ~ Ring 4, MIDI 1 ~ MIDI 16 or User-delectable sound.
- **Power on:** Power on sound. Select among the Silent, Tone 1 ~ Tone 4.
- **Power off:** Power off sound. Select among the Silent, Tone 1 ~ Tone 4.
- **Messages tone:** Messages incoming sound. Select among the Silent, Tone 1 ~ Tone 5 or User-delectable sound.

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- **Keypad tone:** Key tone sound. Select among the Silent, Click or Ton.

Volume

Sets volume from Speaker & Earpiece and Ringer for hearing or speaking.

- **Ring tone:** Adjust Ring Tone Volume 1 ~ Volume 7.
- **Key tone:** Adjust Key Tone Volume 1 ~ Volume 7.
- **Speech:** Adjust Key Tone Volume 1 ~ Volume 7.

Alert type

Select Ring, Vibration only, Vibra and ring or Vibra then ring.

Ring type

Select Single, Repeat or Ascending.

Extra tone

Select Warning, Error, Camp on, Battery Low, Connect, Disconnect, Roaming or No service.

Select **On/Off**, then select **Yes**.

Answer mode

Allows you to set a answer mode.

- **Any Key:** Starts a Call connection when any key on the keypad has pressed.

Note:

Please use a same method to use the other sound profile such as Meeting, Outdoor, Indoor, Headset, Bluetooth.

Display characteristic

Use this menu to change settings for the display and light.

- **Greeting text:** This is used to specify an initial greeting which will be shown on the screen for a few seconds when the phone is turned on.
 - **Status:** Select On or Off.
 - **Greeting text:** Press **Edit** and input Greeting text.
- **Wallpaper:** Select an wallpaper image from System or User define.
- **Screen Saver:** Select an image to use a screen saver.

- **Setting:** Select Status On or Off.
Select Waiting time 5 sec, 15 sec, 30 sec or 1 minute.
- **Select:** Select an screen saver image from System or User define.
- **Themes:** This is used to specify Main menu design.
 - Select the Theme1 or Theme 2.
- **Power on display:** Select an wallpaper image from System or User define.
- **Power off display:** Select an wallpaper image from System or User define.

Language

Select Automatic, English or 韓.

LCD backlight

Select 7 ~ 60.

Brightness

Select 1 ~5 then press OK to apply.

Time(Sec)

Select 7 ~60 then press OK to apply.

Dedicated key

1. Select 1st, 2nd, 3rd or 4th > [Edit](#).
2. Select options > [OK](#).

Time and date

Allows you to change the time and date settings.

- **Set home city:** Select home city in list.
- **Set time/date:** Set the current time and date.
 - **HH:MM(time):** Input the Time using with numeric key.
 - **DD-MMM-YYYY(date):** Input the Date using with numeric key.
 - **Daylight saving:** Select On or Off.
- **Set format:** Set the input format for date and time.
 - **Time format:** Select 12 or 24 mode.

- **Date format:** Select DD-MMM-YYYY, DD/MM/YYYY, MM/DD/YYYY, YYYY/MM/DD, YYYY-MM-DD or MMM DD.YYYY.

Flight mode

Select Normal mode, Flight mode or Query when power on.

Preferred input methods

Select Smart ABC, Smart abc, Smart Abc, Smart Thai, Multitap ABC, Multitap abc, Multitap Abc, Numeric or Multitap Thai.

Virtual Keypad Type

Select Small or Large.

Motion Sensor

You can use easily such function in motion sensor activated state.

1. Select MP3, Camera or Image Viewer.
2. Select [On/Off](#).

■ Call setup

1. In Idle screen, press [Main menu](#) > [Settings](#) > [Call setup](#).

Caller ID

This service is used to make to display the Caller's ID(number or Name) when sending a call.

- **Set by network:** Send or Hide by Network.
- **Hide ID:** Do not send a caller's ID to Network.
- **Send ID:** Send a caller's ID to Network.

Call waiting

This service is used to make other call to stand by while a first call is connected, which can be applied or cancelled as necessary.

- **Activate:** Activates Call Waiting option.
- **Deactivate:** Deactivates Call Waiting option.
- **Query status**

Call divert

It allows you to make received Call to go to other phone number. Select this option and press **OK** to use this function, which has sub-menus as follows;

- **Divert all voice calls:** Forwards all voice call.
- **Divert if unreachable:** Forwards all calls in no service area.
- **Divert if no answer:** Forwards all calls in absence, the mode will activate if call is not answered.
- **Divert if busy:** Forwards all calls during connected with other phone.
- **Divert all data calls:** Forwards all data calls.
- **Cancel all divert:** Deactivates all Call Forwarding.

Call barring

This service makes a calls to be sent and received only under the specified conditions. Select following option menu to make use of this service.

1. Select Outgoing calls, Incoming calls, Cancel all or Change barring password.

Call time reminder

Allows you to set a call time reminder.

- **Off**
- **Single:** You can easily set the single alert time. (1~3000Sec.)
- **Periodic:** You can easily set the periodic alert time. (30~60Sec.)

Call time display

Select On/Off.

Auto redial

If this function is selected, dialing will repeats automatically if the connection has failed since in absence or not answered. In 5 seconds, the phone will try to make a call to the number again automatically. If you do not want to use this function, press **Off**, or press **OK** to select **Off**.

Closed user group

1. Select [Add](#).

■ Network setup

This menu lets you decide how to choose a network when roaming.

1. In Idle screen, press [Main menu](#) > [Settings](#) > [Network setup](#).

Network selection

In this menu, you can search the network and select the mode, "Automatic" or "Manual".

1. Select New search, Select network, Selection mode or Preferred networks.

Preferred mode

Select GSM only, WLAN only, GSM preferred or WLAN preferred.

GPRS connection

Select "Always" or "When needed" use select [Change](#).

■ Security setup

The security settings enable you to restrict the use of your phone to specific people and types of calls. Codes and passwords are used to protect these features of your phone.

Your phone's security features keep your phone and SIM card safe from unauthorized use, and you can either set a password for your phone or use the call barring service and Fixed Dialing mode to restrict which calls can be made using your phone.

1. In Idle screen, press [Main menu](#) > [Settings](#) > [Security setup](#).

PIN lock

PIN Lock is used to keep the phone from robbed. If the PIN Lock is enabled, the SIM will be locked by PIN code and User must put a PIN code to power on the Phone.

SIM lock

Same as PIN Lock, SIM Lock is used to keep the phone from robbed. If the SIM Lock is enabled, the phone is specified only for a specific SIM card, it will not be compatible with any other SIM card.

The phone will have specific SIM code when SIM code of a specific SIM card is saved in phone memory. When the phone is turned on and when SIM card is inserted in the phone, it will be checked if identical to SIM code saved in the phone. if not identical, emergency call mode only is available.

Correct password of 8 digits shall be input. Setting Phone Lock On or Off use [On/Off](#).

Note:

10 chances are allowed for you to input correct PCK code. If all failed, PCK will be locked and you shall turn the phone off and then on.

Phone lock

This function allows you to lock your phone until the correct password is input. Correct password of 4 digits shall be input. Setting Phone Lock On or Off use [On/Off](#).

Fixed Dial

Fixed Dialing is a service that limits your access to specific numbers in the address Book list recorded on the SIM, input the PIN2 to set up or cancel this service.

- **Mode:** To enable the FDN mode, input the PIN2 first.
- **Fixed dial list:** Display the numbers recorded in the Fixed dialing list.
 - **Edit:** Edit an FDN entry.
 - **Add:** Add an FDN entry.
 - **Delete:** Delete an FDN entry.

Barred Dial

This Function Offers multiple methods to limit incoming or outgoing calls. In general, the barring service becomes activated by interoperating with the network, but phone barring is made by the phone itself.

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- **Incoming:** Limits all incoming calls.
 - **On:** Sets up all incoming calls barring.
 - **Off:** Cancels all incoming calls barring.
- **Outgoing:** Limits all outgoing calls. When you attempt to make a call that has the prefixed number that you previously registered, the call is barred.
 - **Bar all:** Sets up all outgoing calls barring.
 - **Bar prefixed:** Adds and deletes the prefixed number.
 - **Off:** Cancels all outgoing calls barring including the bar prefixed.

Change Password

You can change the passwords by inputting the current password, and then entering a new one.

1. Select Change Password and select **OK**.
2. On Change Password screen, select Phone Lock Password and select **OK**.
3. Input Old Password of 4 digits then select **OK**.
4. Input New Password of 4 digits then select **OK**.
5. Input New Password of 4 digits again then select **OK** to finish.

Note:

- The default password is 0000, you can easily change it as desired on Change Password menu.
- If you forget your password, you will need to contact your service provider.

Bluetooth

Using Bluetooth wireless, you can connect the phone wirelessly to other Bluetooth devices and exchange data with them, talk hands-free, or control the phone remotely. Bluetooth technology allows free wireless connections between all Bluetooth-compliant devices within a range of 10 metres. Since the devices communicate using radio waves, they do not need to be in line of sight to each other.

1. In Idle screen, press **Main menu** > **Settings** > **Bluetooth**.

Hot Key:

Keep pressing and hold the upper side volume key in Idle screen.

- **Power:** Power on or off the Bluetooth Function.
- **Inquiry audio device:** Searching the all Bluetooth devices, which are in searchable range.
- **Remote control:** To remotely control compatible accessories including Bluetooth Human Interface Devices (such as a mouse, keyboard, etc).
 - **Desktop:** To display Desktop Remote Control.
 - **Medioplayer:** To display Medioplayer Remote Control.
 - **Presenter:** To display Presenter Remote Control.
- **My device:** Searching the all Bluetooth device, which is in possible range. The following options are available:
 - **Connect:** Connect to a listed Bluetooth device.
 - **Rename:** Edit a device name.
 - **Delete:** Delete a device from the "My Device" list.
 - **Search new device:** Search for a new device.
- **Active device:** Shows activated device.
- **Setting:**
 - **Visibility:** Shows own device to remote Devices.
 - **Change device name:** Can edit the Device name.
 - **Authentication:** It only accept reception when the authentication has enabled.
 - **Audio path:**
 - **Leave in phone:** Even if a Bluetooth Headset is connected, the communication is possible with Phone speaker.
 - **Forward to BT headset:** If this function is enabled, it is possible to have a communication with Headset.
 - **FTP setting**
 - **Shared folder:** All the received files will stored in Shared Folder. User can change default folder to desired folder.
 - **Access right:** Default setting is Read Only, and changeable to Fully Control.
- **About:** Shows a Information about Bluetooth function.

Note: This device is compliant with Bluetooth Specification V1.2, Therefore It may have some interoperability problem with devices supporting Bluetooth Specification V2.0.

■ TV out

Allows you to connect the phone to a TV to view photos, videos and listen to music stored on your phone.

1. In Idle screen, press [Main menu](#) > [Settings](#) > [TV out](#).

TV out Options

- **Setting**
 - **Output format:** Select PAL or NTSC.
 - **Audio output:** Select TV or TV and phone.
- **Adjust:**
 - **Gamma Y:** Adjust Gamma Y use left/right direction key.(0~4)
 - **U:** Adjust U use left/right direction key.(1~255)
 - **V:** Adjust V use left/right direction key.(1~255)

■ Touch calibration

Calibration wizard. You have to calibrate the touch-screen. Click anywhere on the screen with your stylus to start calibration.

1. In Idle screen, press [Main menu](#) > [Settings](#) > [Touch calibration](#).
2. Select Click on the top-left point, Click on the bottom-right point or Click on the center point.

■ Factory Restore

Allows you to reset the phone to the same settings as those configured at the factory. This does not delete downloaded objects or phonebook records. You will need to input your password to restore factory settings.

1. In Idle screen, press [Main menu](#) > [Settings](#) > [Factory Restore](#).
2. Select Reset Phone Parameter or Delete User Data.

11. File manager

The File Manager allows you to view files stored on your phone or memory card and can be accessed.

1. In Idle screen, press [Main menu](#) > [File manager](#).

Option list related with File Manager menus will be displayed as shown below;

- **Phone**
- **Memory card**

When opening a folder, the following options are displayed:

- **Open:** Allows you to open and view files in a folder.
- **New folder:** Lets you create a new folder.
- **Rename:** Allows you to edit the folder name.
- **Delete:** Allows you to delete the folder.
- **Sort by:** Lets you sort the files in the folder By name, By type, By time, By size or None.

Note:

In file manager, you can easily open, delete, copy and move the files to Phone and Memory Card.

12. Favorite

The Touch Screen Shortcut Menu allows instant access to menus with the quick touch of your fingertip. To use the Shortcut Menu:

1. In Idle screen, press [Main menu](#) > [Favorite](#).
 2. Select Search entry, Add new entry, Caller groups, Owner number, Memory status, Call divert, Received calls, Dialed calls, Missed calls, Calendar, To do list, Alarm, Calculator, Unit converter, Currency converter, BMI, Menstrual, World clock, E-Book reader, Message center, Write message, Voice mail server, Free Air TV, Audio player, Video recorder, Video player, Sound recorder, FM radio, Image viewer, Camera, Bluetooth, Dedicated key, Wallpaper, Screen saver, Schedule power on/off, Phone lock, Themes, User profiles, Alert type, Tone setup, Greeting text, Volume, WAP, VoIP or File manager.
- Select [Edit](#) -> [Option](#) to access the following options; [Add](#), [Edit](#), [Delete](#), [Delete all](#), [Disable](#), [Change order](#)

Technical specification

Physical Parameters

- **Weight:** Less than 119 grams including standard battery.
- **Dimension:** 106x56x12.9 mm

Battery

- **Type:** Lithium Ion.
- **Load time:** Maximum 190 min
- **Standby time:** Up to 180 hours in standard mode.
- **Talk time:** Up to 190 min

Note: Regarding the condition of the network, the battery life can be more shorter than a normal case.

CAMERA

- **Resolution:** 2Mega pixel

RF Characteristic

- GSM/GPRS/EDGE 850/1800/2900

Note: The Functions or Specifications of the Phone can be changed without any notification.

Note: Specification or features may be changed for better performance without prior notice. And some of the services in this User Guide are not supported by all networks. Please contact your network operator or service provider if you are in doubt whether you can use a particular service.



For Safe Operation

Note

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.
- Consult the dealer or an experienced radio/TV technician for help.

