



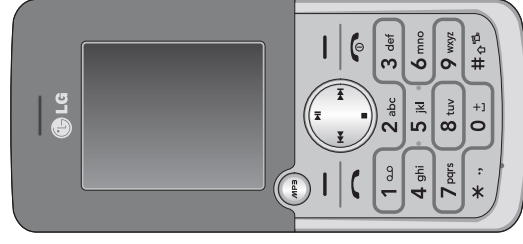
KP220 User Guide

Some of contents in this manual may differ from your phone depending on the software of the phone or your service provider.

LG Electronics Inc.
<http://www.lgmobile.com>

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English

KP220 User Guide

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General information

Battery care

Your phone is powered by a rechargeable battery.

- ▶ The battery can be charged and discharged hundreds of times but it will eventually wear out. When the operating time (talk-time and standby time) is noticeably shorter than normal, you should buy a new battery at the time.
- ▶ Unplug the charger when not in use, and don't leave the battery connected to a charger for longer than a week, since overcharging may shorten its lifetime.
- ▶ Overcharging may shorten its lifetime, and if left unused a fully charged battery may discharge itself over time.
- ▶ Temperature extremes can affect the ability of your battery to charge.
- ▶ Do not use any charger or battery that is damaged in any way.
- ▶ Use the battery only for its intended purpose.
- ▶ Extreme temperatures will affect the charging capacity of your battery.
- ▶ Do not leave the battery in hot or cold places, such as in a car in summer or winter condition.
- ▶ Do not short-circuit the battery. Short-circuiting the terminals may damage the battery or the connecting object.
- ▶ Dispose of batteries according to local regulations. Always recycle. Do not dispose of batteries in a fire.

Accessory care

Your phone is embedded with one earphone and LG standard 18-pin travel chargers in the package.

- ▶ Use only accessories and charging devices approved by the phone manufacturer otherwise you would risk serious damage to health and property
- ▶ Excessive sound pressure from earphones and headphones can cause hearing loss.

Access codes

PIN code

The PIN (Personal Identification Number) code protects your SIM card against unauthorized use. Your SIM card usually supplies the PIN code.

Note

- ▶ You may need to obtain the password from your service provider.
- ▶ If you key in an incorrect PIN code three times in succession, you may need to key in PUK code.

PIN2 code

The PIN2 code may be supplied with the SIM card. Some functions will require PIN2 support, such as Set tariff.

Note

You may need to obtain the password from your service provider.

PUK

The PUK (Personal Unblocking Key) code is required to change a blocked PIN code. The PUK code is required to change a blocked PIN2 code.

Note

- ▶ You may need to obtain the password from your service provider.
- ▶ If you key in an incorrect PIN2 code three times in succession, you may need to key in PUK2 code.
- ▶ If you key in an incorrect PUK code ten times in succession, the SIM card cannot be used anymore. Contact your service provider for a new card.

Phone code

Phone code protects the phone against unauthorized use. It is not on when you buy the phone. You can change the phone code (0000) to any four to eight-digit personal codes.

General information

Care and Maintenance

Read this information before using your mobile phone.

Your mobile phone is a highly sophisticated electronic device. When using your phone, battery, charger or any accessory, please read this first.

Product care

- ▶ Keep your mobile phone and all its parts out of young children's reach.
- ▶ Keep your mobile phone dry.
- ▶ Avoid exposing your mobile phone to extreme hot or cold temperatures.
- ▶ Avoid placing your mobile phone close to lit cigarettes, naked flames or any heat source.
- ▶ Do not attempt to disassemble it. Non-expert handling of the device may damage it.
- ▶ Do not drop, knock or shake it. Rough handling can break internal circuit boards.
- ▶ Do not paint your mobile phone as the paint could obstruct the earphone, microphone or any moveable parts and prevent normal use.
- ▶ Treat your mobile phone with care, keep it in a clean and dust free place.
- ▶ Do not use the phone if the antenna is damaged. If a damaged antenna contacts skin, it may cause a light burn. Please contact an LG Authorized Service Center to replace the damaged antenna.
- ▶ Do not touch the antenna unnecessarily when the phone is switched on. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than needed and shorten talk and standby times.
- ▶ Hold the phone as you speak to any other telephone. While speaking directly into the microphone, angle the antenna in a direction up and over your shoulder. If the antenna is extendable/retractable, it should be extended during the call.

Important safety information

Radio frequency energy

Your mobile phone is a radio transmitter and receiver. When the phone is turned on, it receives and transmits radio frequency (RF) energy. Depending on the type of mobile phone you possess, it operates on different frequency ranges and employs commonly used modulation techniques. The system that handles your call when you are using your phone controls the power level at which your phone transmits.

Specific Absorption Rate (SAR) information.

Your phone has been designed to comply with applicable safety requirement for exposure to radio waves. This requirement is based on scientific organizations through periodic and thorough evaluation of scientific studies. These guidelines include safety margins designed to assure this safety of all persons, regardless of age and health.

- ▶ The radio wave exposure guidelines employ a unit of measurement known as the Specific Absorption Rate, or SAR. Tests for SAR are conducted using standardized method with the phone transmitting at this highest certified power level in all used frequency bands.
- ▶ While there may be differences between the SAR levels of various LG phone models, they are all designed to meet the relevant guidelines for exposure to radio waves.
- ▶ The SAR limit recommended by the international Commission on Non-Ionizing Radiation Protection (ICNIRP), which is 2W/kg averaged over then (10) gram of tissue.
- ▶ The highest SAR value for this model phone tested by SGS for use at the ear is 0.680 W/kg (10g) and when worn on the body is 0.794 W/kg (10g).
- ▶ SAR data information for residents in countries/regions that have adopted the SAR limit recommended by the Institute

General information

of Electrical and Electronics Engineers (IEEE), which is 1.6 W/kg averaged over one (1) gram of tissue.

Electronic devices

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

- ▶ Do not use your mobile phone near medical equipment without requesting permission.

Pacemaker

Mobile phones may affect the operation of some implanted cardiac pacemakers and other medically implanted equipment. Pacemaker manufacturers recommend that a minimum separation of 20 cm (6 inches) be maintained between a hand-held wireless phone and a pacemaker to avoid potential interference with the pacemaker.

These recommendations are consistent with the independent research by and recommendations

of Wireless Technology Research. Persons with pacemakers:

- ▶ Should always keep the phone more than 20 cm (6 inches) from their pacemaker when the phone is switched on;
- ▶ Should not carry the phone in a breast pocket;
- ▶ Should use the ear opposite the pacemaker to minimize the potential for interference.
- ▶ If you have any reason to suspect that interference is taking place, switch off your phone immediately.

Hearing aids

Some hearing aids might be disturbed by mobile phones. In the event of such disturbance, you may want to consult your service provider, or call the customer services line to discuss alternatives.

Aircraft

- ▶ Turn off your mobile phone before boarding any aircraft.
- ▶ Do not use it on the ground without crew permission.

To prevent interference with communication systems, you must not use your mobile phone while the plane is in the air.

Potentially explosive atmospheres

Switch off your phone when in any area with a potentially explosive atmosphere and obey all signs and instructions. It is rare, but your phone or its accessories could generate sparks.

Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked.

They include fuelling areas, such as petrol station, below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

Driving

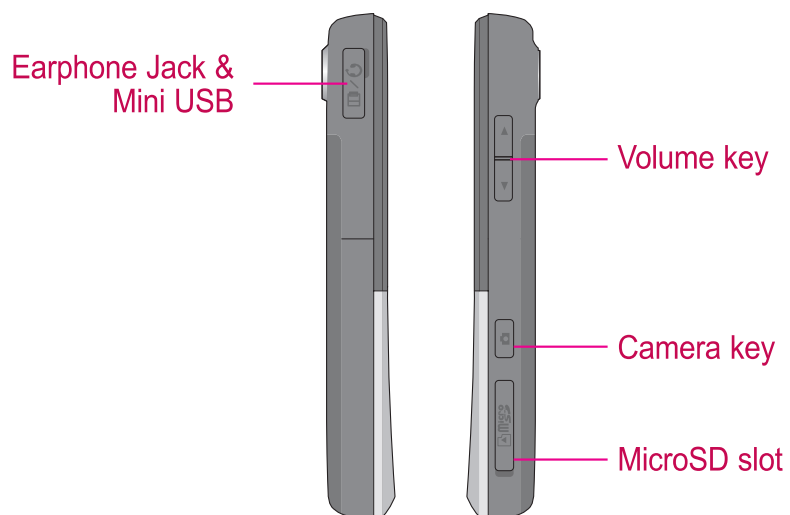
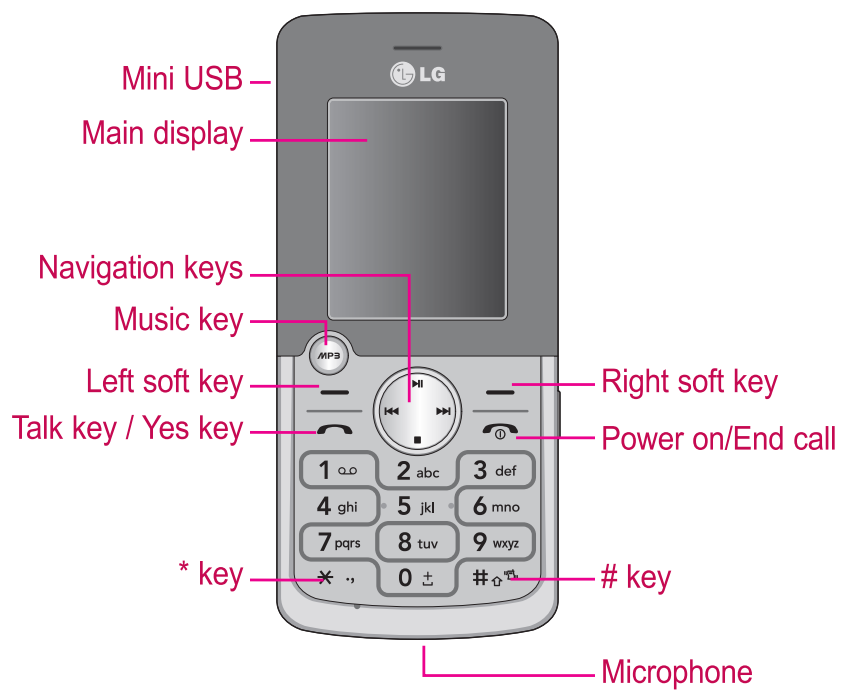
Check the laws and regulations on the use of mobile phones in the areas where you drive. If you are going to use your phone while driving, please:

- ▶ Give full attention to driving
- ▶ Use handsfree. Law in many countries requires vehicle handsfree.
- ▶ Pull off the road and park before making or answering a call if driving conditions so require.

RF energy may affect some electronic systems in motor vehicles such as car stereo, safety equipment etc. in addition, some vehicle manufacturers do not allow use of mobile phones, unless the installation is supported by a handsfree kit with an external antenna in their vehicles. Check with your vehicle manufacturer's representative to be sure that your mobile phone will not affect the electronic systems in your vehicle.

Your phone

Your phone



1. Side key – Volume

During a call, adjusts the earpiece volume.

2. Side key – Camera

The side key is used to make image capture when in DSC mode.

3. Soft keys

The current functions are displayed in the bottom line of LCD. Access main menu and phonebook accordingly.

4. Talk/Yes key

To make phone call after dialling phone number or to pick up a phone call

5. Power on / End call key

- To end a call
- Or power on/off use.

6. Navigation keys

In standby mode, quick access to

- Up key: Write Message
- Left key: Profile
- Right key: Shortcuts
- Down key: Contact List

7. Number key

Input number or characters

**8. Star key**

Long press on this locks/unlocks the keypad.

Your phone

Standby mode

In the main display, you may see several icons shown on your status bar.

The meaning of icons are explained below

	The signal strength of the cellular network at your current location.
	The battery charge level.
	Phone locked
	Phone is in general profile
	Phone is in meeting profile
	Phone is in outdoor profile
	Phone is in vibrate profile
	Phone is in Silent profile
	Phone is in Headset profile
	The alarm clock is to set on.
	You are in roaming.
	When missing the incoming call.
	Received one or several messages.

	All your calls are diverted to another number.
	Bluetooth
	Chat Room 1
	Chat Room 2
	Speaker turns on
	You are in the internet.

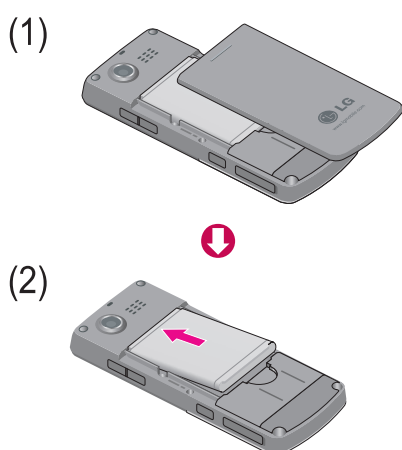
Getting Started

Installing the SIM card and the battery

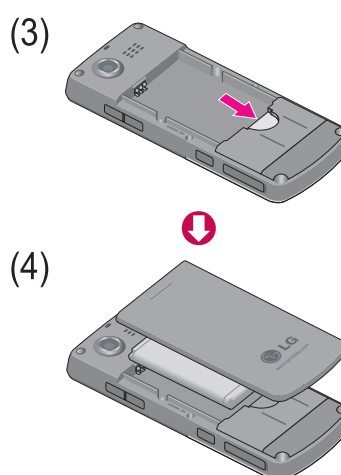
You need to insert the SIM card and charge the battery before using the phone.

- ▶ Keep all miniature SIM cards out of the reach of little children.
- ▶ Be careful to handle, insert or remove the SIM card since the SIM card and its contacts can easily be damaged by scratched or bending.
- ▶ Before installing/removing the SIM card, always make sure that the phone is switched off.

1. Push the knob on top of cover to release the back cover (1) and lift the battery away (2).



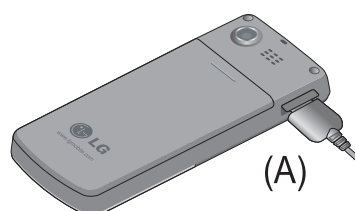
2. Insert and slide the SIM card (3) and battery (4).



Charging the battery

You must fully charge the battery before using your phone for the first time.

1. Connect the lead from the travel adapter to the socket on the side of your phone (A).



2. Connect the charger to an AC wall outlet.

Getting Started

Note

- ▶ You can use the phone while the charger is connected but charging is suspended during that time.
- ▶ When the battery is weak indicated by “” on the display, you will hear a warning sound. When the battery becomes too weak indicated by “” on the display, it switched off automatically.

- ▶ If the phone asks PIN code, key in the PIN code, and press  left soft key (LSK) to confirm.

Note

Do not switch the phone on when wireless phone use is prohibited or when it may cause interference or danger.

Switching the phone on and off

- ▶ Press and hold  key.

Note

- ▶ If the phone shows “Insert SIM” when SIM card is properly inserted, contact your network operator or service provider.
- ▶ You can also use the phone without SIM card. The workable function would include multimedia, profiles, tools & time and date except the dialing out and receiving the phone call.

Call functions

This gives you the information about all calling services that are supported in your phone.

Making a call

In standby mode, key in the number, including the area code, press  key.

Making a call from the Contacts

1. In standby mode, press  right soft key (RSK) to enter Contacts, select one name from **Quick Search**, and follow by pressing  key to call.
2. You could also press Menu and choose to enter Contacts submenu to make a call.
3. Or, you can press navigation key down to enter **Quick Search** submenu to make a call quickly.

Making an international call

1. For international calls, long press  key for the international prefix (character +).
2. Key in the country code, area code and the phone number.
3. Press  to call.

Answering or rejecting an incoming call

To answer the incoming call

Press  to answer the call.

To reject the incoming call

Press  to reject the call.

Call waiting

You can answer another incoming call while you have a call in progress.

1. During a call, press  left soft key (LSK) to enter option menu to hold a call.

Making a conference call

You can make conference call while you have multi calls in progress.

1. Make a call to the first participant.
2. Call the second participant as explained in **Make a new call** during a call.
3. Press  LSK and select Conference. This joins the calls to the conference.

Call functions

4. Repeat step 2 and 3 to allow new participants to be connected to the conference call.
5. Press **Options** and select **End all** to end the call. Or press .
6. Any call (participant) can be disconnected by press **Options** and select **End single**.

Tips for call options

A call can be connected to any single caller by pressing Options key. When you press Options during active call, you would have following functions as listed in below:

1. Hold: put a call on
2. End: End a call.
3. New call: make a new call during an active call.
4. Contacts: shortcut to **Contacts** menu.
5. Text message: shortcut to Messaging menu.
6. Voice recorder: to record your conversation during an active phone call.
7. Mute on/off: set On/ Off to mute the call during the conversation.

8. DTMF: set On/Off for DTMF (Dual Tone Multi-Frequency) tone dialing system.
9. Retrieve: reconnect a holding call
10. Retrieve all: reconnect all holding call.
11. Swap: switch between calls on hold and active.
12. Conference: make a multi-party conversation.
13. Transfer: transfer a call.
14. End single: end one of conference call.
15. End all: end a multi-party call.
16. H-Free/H-Held: to choose either Hands free or held when multi-party call.
17. Split: to suspend the multi-party call.

Input method

You can key in text by using the traditional method or predictive smart input. Your phone is designed to support English language.

To select input method

When key in text, press **Option** and select **Input method**.

Quick way to change input method

- Short press  to change the input method.

To insert a space

In T9Abc, you could use  key to insert spaces.

Traditional English input

Your phone provides Multi-tap function. For example, press  key twice to display the letter B, and press three times to display the letter C.

Characters table

English

Key	Unshifted Characters	Shifted Characters
	., - ? ! ' @ : # \$ / _ 1	., - ? ! ' @ : # \$ / _ 1
	a b c 2	A B C 2
	d e f 3	D E F 3
	g h i 4	G H I 4
	j k l 5	J K L 5
	m n o 6	M N O 6
	p q r s 7	P Q R S 7
	t u v 8	T U V 8
	w x y z 9	W X Y Z 9
	0	0

Input method

Text entry with “T9”

“T9” uses a built-in dictionary to recognize the most commonly used word for every sequence of key presses.

The selected input method will be shown the icon in the indication bar. You can choose to turn on or off your T9 input method in option list.

T9 Abc	T9 Smart Abc (English Smart mode)
T9 abc	T9 Smart abc
T9 ABC	T9 Smart ABC
123	Numeric
Abc	Multitap Abc (English)
abc	Multitap abc
ABC	Multitap ABC
123	Numberic

Listing of Functions

1. Browser	3. Tools	4. Multimedia
1.1. WAP 1.2. Data account	3.1. Calendar 3.2. To do 3.3. Alarm 3.4. World clock 3.5. Calculator 3.6. Unit converter 3.7. Currency converter 3.8. Health 3.9. STK	4.1. Games & Apps 4.2. Camera 4.3. Image viewer 4.4. Video recorder 4.5. Video player 4.6. Music player 4.7. Voice recorder 4.8. Melody composer 4.9. FM radio 4.0. Schedule FM record
2. Call history		5. Messaging
2.1. All calls 2.2. Missed calls 2.3. Dialed calls 2.4. Received calls 2.5. Delete call log 2.6. Call time 2.7. Call cost 2.8. Text message counter 2.9. GPRS counter		5.1. Text message 5.2. Multimedia Message 5.3. Chat 5.4. Voice mail server 5.5. Broadcast Message

Listing of Functions

6. My stuff 6.1. Phone 6.2. Memory card (If microSD card is inserted) 7. Profiles 7.1. General 7.2. Meeting 7.3. Outdoor 7.4. Vibrate only 7.5. Headset 7.6. Silent 7.7. Bluetooth	8. Contacts 8.1. Search 8.2. New contact 8.3. Caller group 8.4. Speed dial 8.5. Extra number 8.6. Copy 8.7. Delete 8.8. Move 8.9. Settings	9. Settings 9.1. Time & Date 9.2. Display 9.3. Phone 9.4. Call 9.5. Bluetooth 9.6. Network 9.7. Security 9.8. Restore factory settings
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Browser [Menu1]

Services described in the following are supported by your service provider. If you cannot connect either one of those services, you can contact your service provider for further information.

WAP Menu 1.1

Your phones support Web Browser. You can obtain various services such as up-to date news, weather, sport, and other information as well as use e-mail and other Internet services. These services are designed and maintained by WAP service providers.

The WAP service uses Wireless Markup Language (WML) on their WAP pages. You may not view the Internet web pages on your phone.

Note

- ▶ To activate WAP service, you may need to contact your service provider.
- ▶ Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger.

Homepage (Menu 1.1.1)

To access the browser from the standby mode, go to WAP in Service and press Homepage. Once connected, the homepage is displayed. The content depends on the service provider.

To exit the browser, press  key.

Bookmarks (Menu 1.1.2)

You can use this menu to save URL addresses to quick access a website.

Your phone also provides you for the following selections for your option.

- ▶ **Goto:** Allow you to link the website.
- ▶ **Edit:** Allow you to edit URL address.
- ▶ **Delete:** Allow you to delete the selected bookmark.
- ▶ **Delete all:** Allow you to delete all bookmarks at once.
- ▶ **Add bookmark:** Allow you to add URL address.

Browser

Recent pages (Menu 1.1.3)

You can view the recent pages you have visited. Press **Goto** to connect the selected page.

Enter address (Menu 1.1.4)

You can key in the URL address and enter the address followed by selecting **Done**. Your phone will connect the URL you just keyed in. After the address is entered, you may select the URL and press **OK** to connect next time.

Service Inbox (Menu 1.1.5)

Your phone is able to receive service message sent by your service provider. Service messages are notifications of headlines or content, and they may contain address of a WAP service. You can get updated news or new WAP settings from your service provider.

The received WAP push message will be stored in the service inbox. You can press **Option** to either **Accept** or **Delete** the push message(s).

Settings (Menu 1.1.6)

GPRS (General Packet Radio Service) is a technology that is used for sending and receiving data over the mobile network. The applications that use GPRS are WAP services, MMS and SMS messaging and GPRS dial-up (such as Internet and e-mail). You can set the phone to automatically register to a GPRS network when you switch the phone on.

WAP setting

- ▶ If the settings have been made by the service provider, you may begin immediately.
- ▶ If access profiles have been assigned by your service provider, select a profile and activate it.
- ▶ Otherwise you may key in setting manually. For appropriate settings, contact your network operator or service provider.

Key in the service settings manually

1. In **WAP** menu, choose **Edit profile** in **Settings**, press **OK**.
2. Choose a profile, press **OK**, choose **Edit profile**, press **Edit** to start setting.

You can rename the profile and need to provide the information in Homepage, Data account, Connection, Username, and Password of your WAP service setting. To get the information, you may need to contact your operator.

Note

In most cases, you only need to use one of the default profiles to access the Internet. The settings are different from operator to operator. Please consult your operator or service provider for the correct settings and proceed with care. Wrong settings will cause the connection to fail.

Activate WAP settings

After you complete all WAP settings (see WAP settings function), in WAP Profile mode, please choose **Activate profile**, then press **OK**.

Browser options

You can set the timeout value for the browser. The purpose is to stop the browser connecting the website if the website does not respond within the timeout. Also, you can choose either **On** or **Off** the image while browsing.

Service message settings

You can choose either receive or not receive the service message which saved in the service inbox sent by your service provider.

Clear cache

The information or data you have accessed is all stored in the cache of the phone. A cache is a file buffer used to store data only temporarily. You can clear the history by selecting this option.

Browser

Clear cookies

Under the consideration of privacy and security issue, we would suggest you to clear cookies which may contain sensitive information just in case your phone is misplaced, lost or stolen.

Trusted certificates

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

Data account Menu 1.2

Default data accounts based on major operators at the time this phone is manufactured are provided.

You can access WAP via **GSM** or **GPRS**.

- ▶ To get the analogue number or ISDN number information, you may need to contact your operator for the service.
- ▶ To get the access point of GPRS, you may need to contact your operator for the service.

GSM data (Menu 1.2.1)

Press Edit to change the data account settings, including: Account name, Number, User name, Password, Line Type, Speed and DNS.

GPRS (Menu 1.2.2)

Press Edit to change the data account settings, including: Account name, APN, User name, Password and Auth. type.

Call history [Menu 2]

Your phone can save information for missed, received and dialed calls, and the length and cost of your calls.

Note

- ▶ Once the call list exceeds the memory limitation, the oldest one is deleted.
- ▶ For Missed, Dialed & Received calls, you can press talk key  to have a quick review. Your phone provides your several option to **Delete**, **Save**, **Dial**, **Edit**, **Send text message** or **Send multimedia message** if you select a certain phone number.

All calls Menu 2.1

Your phone allows you to view all your missed, dialed and received calls for 120 entries in total. The total number of calls will be showed.

Missed calls Menu 2.2

Your phone allows you to view the last 40 missed calls.

To view missed calls

- ▶ In **Call history** menu, choose **Missed calls**, press **OK** to view the records.

Dialed calls Menu 2.3

Your phone allows you to view the last 40 outgoing calls.

To view received calls

- ▶ In **Call history** menu, choose **Dialed calls** and press **OK** to view the records.

Your phone provides the following selections for your option:

- ▶ **Delete:** Allows you to erase the number from the list.
- ▶ **Save:** Allows you to save the number in contacts.
- ▶ **Dial:** Allows you to call the number that shown on the screen.
- ▶ **Edit:** Allows you to edit the number.
- ▶ **Send text message:** Allows you to send a text message to the number shown on the screen.

Call history

- ▶ **Send multimedia message:**
Allows you to send a multimedia message to the number shown on the screen.

Received calls Menu 2.4

Your phone allows you to view the last 40 received calls.

To view received calls

- ▶ In **Call history** menu, choose **Received calls**, press **OK** to view the records.

Delete call log Menu 2.5

Your phone allows you to delete some of your call registers

- ▶ Missed/Dialled/Received calls/
Delete All

Call Time Menu 2.6

Your phone allows you to view the timers for calls made and received.

1. In **Call history menu**, choose **Call time** and press **OK**.
2. Choose an item, press **OK** to view the content.

Your phone provides the following selections for your option:

- ▶ **Last call time:** List out the last call time of your conversation.
- ▶ **Total sent:** Sum of total time you have called out.
- ▶ **Total received:** Sum of total call time you have received.
- ▶ **Reset all time:** Reset the time counter to zero.

Call cost Menu 2.7

This function allows you to check the cost while making phone call.

Your phone provides the following selections for your option:

- ▶ **Last call cost:** Cost of last call you made
- ▶ **Total cost:** cost of total calls you made so far
- ▶ **Reset cost:** To reset the counter
- ▶ **Max cost:** To set the max cost allowed
- ▶ **Price per unit:** To set the unit cost of the call

Text message counter

Menu 2.8

This function allows you to check the numbers of message. It is a counter. You may press reset to restart the counter.

- ▶ **Sent:** The number of messages you sent
- ▶ **Received:** The number of messages you received

GPRS counter

Menu 2.9

This function allows you to check the data size of GPRS packet you used.

- ▶ **Last sent:** The size of the data you sent last.
- ▶ **Last received:** The size of the data you received last.
- ▶ **All sent:** The total size of the data you have sent.
- ▶ **All received:** The total size of the data you have received.
- ▶ **Reset counter:** To reset the counter

Tools [Menu 3]

Calendar

Menu 3.1

This feature allows you to keep track of your schedule and tasks that are saved in calendar. You can also set alarm with the task for reminding.

To make a note and reminder in Calendar first time

1. In Tools menu, choose **Calendar**, press **OK**
2. Choose a day, press **Options**, choose **View tasks** and press **OK**.
3. Key-in the time and the note, followed by pressing Add.
4. Choose Alarm to turn on or off and select ways of ringing, then press Done to either save or not to save the task.

Your phone provides the following selections for your option:

- ▶ **Edit task:** To edit the task in specified day.
- ▶ **Delete task:** To delete the specific task.
- ▶ **Delete all:** To delete all tasks.
- ▶ **Send vCalendar:** To send the task via the text message, the multimedia message, the bluetooth, or just save to file.

To quick jump to the wish date, you may

1. In **Tools** menu, choose **Calendar** and press **OK**.
2. Press **Options**, select **Jump to date** and press **OK**.
3. Key in year, month and day you wish to jump and press **OK**.

Note

You could press number 1 and number 3 key to go to previous and next year. You could also press number 7 and number 9 key to go to previous and next month.

To do

Menu 3.2

This feature list out all your tasks you have added from calendar option. You can also view, edit or delete the tasks from the options under this feature.

For first time use, you will need to do the following steps:

1. Press **Add** to attach the new task in the **Task List**.
2. Edit your to do list by entering time, date, note.
3. You can choose to turn on the alarm as the reminder and schedule of alarm.
4. Finally, select “**Yes**” to save your to-do list. Your to-do list will then be shown in this sub-menu and will be highlighted in your **Calendar**. Your phone provides the same options as **Calendar** described in the above.

Alarm

Menu 3.3

This function allows you to set the alarm to ring at the time specified. The alarm clock works even when the phone is switched off.

1. In Tools menu, choose Alarm and press OK.
2. You may input at most 3 set of alarm time and select one time to edit.
3. You are allowed to set your alarm by pressing numeric key to set hh:mm and **=** LSK to change am/pm.
4. Choose **Once/Everyday/Day** for your ringing mode followed by pressing OK.
5. You can also customize the audio option from ring tone or MP3 songs saved in your phone or memory card. FM radio can also set as the audio option with headset inserted as the receiver antenna.

Note

AM/PM will only show up if the time format is set to be 12 hours. For more information, please refer page 67:

Settings → Time & Date → Set time format for more information.

Tools

World clock

Menu 3.4

You can pick up the city simply using left and right key of Navigator. When the cross point out certain city, it will show the local date and time. Also, you may press **Options** to turn on/off **Daylight saving time** for foreign region and **Set as the home city** you have selected in the pervious menu.

Note

Home city in **Time & Date** sub menu of **Settings** will be also changed according to your setting in this function.

Calculator

Menu 3.5

The calculator performs simple mathematical functions such as addition, subtraction, multiplications and division.

To use the calculator

- ▶ In **Tools** menu, choose **Calculator**, press **OK**.

Your phone provides the following compose mapping for your option:

- ▶ Four way key **Up**: + (Addition)
- ▶ Four way key **Down**: – (Subtraction)
- ▶ Four way key **Left**: x (Multiplication)
- ▶ Four way key **Right**: ÷ (Division)
- ▶ Numeric  key: . (Point)
- ▶ Numeric  key: – (Negative)
- ▶ Press **=** LSK to get the result.

Note

This calculator has a limited accuracy so rounding errors may occur especially in long divisions

Unit converter

Menu 3.6

This feature helps you to either convert the weight or length in different unit.

With **Weight** converter, you can convert Kg units into Pound or Ounce units.

With **Length** converter, you can have the following options:

- ▶ Km units expressed in Mile units
- ▶ Meter units expressed in Yard or Foot units.
- ▶ Cm units expressed in Inch units.

After enter the amount to be converted, press “**OK**” to find out the result.

Currency converter

Menu 3.7

This feature helps you to convert the currency in different rate you have entered. Within Currency converter, you need to input the exchange rate and insert the amount to convert Local to Foreign currency.

Health

Menu 3.8

There are two features in healthy option, which are BMI and Menstrual.

BMI (Body Mass Index)

(Menu 3.8.1)

This function helps to calculate your body fat in relation to your height and weight.

To calculate the BMI value process, you will need

1. Select your gender by using navigation key.
2. Enter your height in centimeters and weight in kilos by using the numeric keys and press “OK”.
3. Finally, your BMI ratio value will be calculated and the result is displayed

Menstrual

(Menu 3.8.2)

This feature helps to calculate lady’s menstrual cycle and provide the information including:

- ▶ Probability of becoming pregnant on the current date
- ▶ Period during which it is possible to become pregnant and date of next period.

Tools

To check the menstrual cycle, you will need

1. Enter the starting date of the last period.
2. Enter the average length of the menstrual cycle follow by pressing “**OK**” key.
3. To get detail information, select one of the highlighted date and press **OK** to display pregnant probability.

Note

The result may not fit to your physical condition. This is only reference!

To set the STK service

In **Tools** menu, choose **STK**, press **OK** to connect the service.

Note

- ▶ For availability, you need to register for the services from your service provider.
- ▶ Accessing these services may involve sending an SMS for which you may be charged.

STK

Menu 3.9

In addition to the functions available in the phone, your service provider may offer additional applications such as weather or stock market information via the SIM card.

Multimedia [Menu 4]

Games & Apps

Menu 4.1

Games

(Menu 4.1.1)

KP220 builds in 2 creative games (Face Off and Burster) for this product. You may use navigation key to select the games you would like to play. Then press **OK** to select the game. After entering the game, you may use the option menu to start game / check ranking / read game guide / read about copyright of game / exit the game from the menu option. You can also adjust the game setting at very beginning when you enter the game menu.

The games in the phone offer the following option

- ▶ **Start game:** Start to play the game
- ▶ **Game help:** Show the play rule for the game
- ▶ **Game setting:**
 - Background Music
 - Sound Effect
 - Vibration

Applications

(Menu 4.1.2)

KP220 is designed to support Java application. There are two default Java games, and you are allowed to download and install more Java games or applications from either WAP or local (saved in My stuff folder).

First time use

There are two default Java games in KP220.

1. Go to **Games & Apps** menu and select **Applications** to play Java games.
2. Select the name of game and press **Options** to launch the game, adjust the setting or view the information of Java game.

User can also download Java application from WAP.

1. After downloading the application from WAP, select **Application** to function.

Multimedia

2. Select one of Java application downloaded from WAP and press **Options** to launch, update the application, adjust the setting, view the information, or delete the application.

User can save Java games or applications to **My stuff** folder.

1. Save the Java applications (both .jad & .jar) files to **My stuff**.
2. Install these two files by pressing **Options**.
3. After installing, the saved Java games or application will be shown under **Games & Apps** menu.
4. Select one of Java applications and press **Options** to launch, adjust the setting, view the information, or delete it.

Note

Java MIDlet suit must contain .jad and .jar file format in order to function application or play Java games normally.

Options of Application includes:

1. **Launch**: Allows you to launch the Java game or application you have selected.
2. **Setting**: Allows you to define the permission level when using Java applications. Permission levels are “Allow”, “Prompt always”, and “Never”. There are four different permission can be configured when you are using Java application including:
 - Network access: allows you to decide when to connect the network.
 - Auto invocation: allows you to decide whether automatically launched by push SMS.
 - Messaging: allows you to decide how to receive/send message.
 - Recording: allows you to decide how to record audio.
3. **Information**: Allows you to check and read the information of Java games and application including: name of application, memory size, application version, name of vendor and authorized source.

4. **Delete:** Allows you to delete Java games and application downloaded from WAP or saved from local.

Note

Default Java game of this handset can not be deleted.

Settings

(Menu 4.1.3)

1. **Network profiles:** Allow you to select then activate or edit profile which will be used for Java application activate/edit.
2. **Memory status:** Indicates the total memory, used and free memory.
3. **Information:** Provides information of Java, CLDC and MIDP version.

Camera

Menu 4.2

You can use this phone in taking photos with the phone's built-in camera and adjust its settings. Your phone supports horizontal OSD type operation style and only supports vertical type in 128x160 images size.

The camera lens is on the back of the phone, and the display of the phone works as a viewfinder. If there's not enough memory for camera, you need to delete old photos to free some spaces for new photos or you can choose to save photos in memory card.

The status of your video camera setting will be displayed on the top of preview mode.

Note

Do not use this feature when it violates local laws.

To start using Camera

1. In Multimedia menu, select **Camera** and press **OK**.
2. Press **Options** to personalize your camera setting otherwise you might take the picture by pressing  camera key (right down side key).
3. To zoom screen in and out, please press volume key (right up 2 side keys).

Multimedia

Note

The photo will be saved in the folder called **Photo** of **My stuff** menu. You can also view the picture from by selecting Album from option list and you will jump to **Image viewer**.

Key definition

	Option / OK / Save
	Back / Delete
	Capture
	Zoom in / out

To setup the Camera

1. On the preview mode, you can press "**Options**". All options will be displayed in the bottom of screen, and you can adjust the setting through the preview mode directly and your setting will be displayed on the top of screen.
2. Using Navigation key right/left to select different camera settings and up/down to select your preference.

The options list including:

	Video Camera mode: You can jump to video camera mode by pressing OK
	Album mode: You can review pictures you have taken by pressing OK
	Image Size: 128x160, 160x128, 320x240, 640x480, 1280x1024
	Quality: Normal / Low / High
	Delay Timer: Time Off / 5, 10, 15 secs.
	Storage: Save to Phone / Save to Card
	Continue Shot: 1 Shot / 3 Shots / 5 Shots / 9 Shots
	Add Frame: Off / Frame 1 / Frame 2 / Frame 3 / Frame 4 / Frame 5 (only support in vertical mode)
	Effect Setting: Effect off / Grayscale / Sepia / Sepia Green / Sepia Blue / Color Invert / Gray Invert / Blackboard / Whiteboard / Copper Carving / Blue Carving / Embossment / Contrast & Sketch

Auto	White Balance: Auto WB / Daylight / Tungsten / Fluorescent / Cloud/ Incandescence
	EV: EV-4 / EV-3 / EV-2 / EV-1 / EV 0 / EV+1 / EV+2 / EV+3 / EV+4
Auto	Scene Mode: Auto / Night
50Hz	Bonding: 50 / 60 Hz
	Sound: Sound off / Sound 1 / Sound 2 / Sound 3
	Restore settings: You can restore the factory setting by selecting this option.

Image viewer Menu 4.3

All images from EMS, MMS, WAP and camera could be reviewed from here and storage is located in either phone or memory card. You may choose to view your images in List or Matrix Style.

Key definition

	Option / OK / Save
	Back / Delete
	Capture

Your phone provides the following selections for your option:

- ▶ **View:** Allows you to view the pictures saved in **My stuff**.
- ▶ **Browse style:** Allows you to select the style when you browse pictures.
- ▶ **Forward:** Allows you to forward your pictures as wallpaper, screen saver, power on/off display, contact ID or send to others via MMS.
- ▶ **Rename:** Allows you to rename the file.
- ▶ **Delete:** Allows you to delete the pictures in the My stuff folder
- ▶ **Delete all files:** Allows you to delete all pictures in once.
- ▶ **Sort:** Allows you to sort your photos by name, type, time, or size.
- ▶ **Storage:** Allows you to choose to store your pictures either in phone or memory card.

Multimedia

Note

Sending picture via MMS, the default size cannot be larger than 300KB. However, the maximum size of sending MMS will be determined by your service provider.

Video recorder Menu 4.4

You can record the video clip through build-in camera. The status of your video recorder setting will be displayed on the top of preview mode.

To start using Video recorder

1. In Multimedia menu, select **Video recorder** and press **OK**.
2. Press **Options** to personalize your camera setting otherwise you might start recording by pressing  camera key (right down side key).
3. You can also press  camera key and  LSK to pause and resume the recording. When you may press  RSK to stop recording, then the clip will be saved in the video folder of My stuff automatically.

After recording, the clip will be saved as your setting.

4. You may review your video clips from video player.

Note

- ▶ The video clip will be saved in **Video player** menu and **Video** folder in **My stuff**. You can also view the clip from Player from option list.
- ▶ Volume Side key (right up 2 side keys) will be functioned as zoom screen in and out.

Key definition

	Back / Stop
	Option and Record / Pause
	Record / Pause / Resume

To setup the Video recorder

1. On the preview mode, you can press "**Options**". All options will be displayed in the bottom of screen, and you can adjust the setting through the preview mode directly and your setting will be displayed on the top of screen.

2. Using Navigation key right and left select different camera settings and up and down to select your preference.

The options list including:

	Camera mode: You can jump to camera mode by pressing OK.
	Album mode: You can review video clips you have taken by pressing OK.
No limit	Rec Time Limit. : No Time limit / 15 sec / 30 sec / 60 sec
No limit	File Size Limit: No Size limit / 95KB / 195KB / 295KB
Nor	Video Quality: High / Normal / Low / Fine
	Record Audio: Audio on / Audio off
	Storage: Save to Phone / Save to Card
	Effect Setting: Effect off / Grayscale / Sepia / Sepia Green / Sepia Blue / Color Invert / Gray Invert / Blackboard / Whiteboard / Copper Carving / Blue Carving / Embossment / Contrast / Sketch

Auto	White Balance: Auto WB / Daylight / Tungsten / Fluorescent / Cloud / Incandescence
	EV: EV-4 / EV-3 / EV-2 / EV-1 / EV 0 / EV+1 / EV+2 / EV+3 / EV+4
Auto 	Night Mode: Auto / Night
50Hz	Banding: 50/60 Hz
3GP MP4	Format: 3GP / MP4
	Restore settings: You can restore the factory setting by selecting this option.

Video player

Menu 4.5

This folder saves videos that are saved from phone or download from PC. This phone supports 3GP and .MP4 format with 176x144 video size.

To play the video

1. In **Multimedia** menu, choose **Video player**, select the file you wish to play.
2. After selecting a certain video clip, press **Option** and **Play**.

Multimedia

Your phone provides the following selections for your option:

- ▶ **Play:** Allows you to play and view the video content.
- ▶ **Forward:** Allows you to forward the video to screen saver, power on display or power off display. You can also forward the video clip to contacts as the caller ID or share with friend via MMS.
- ▶ **Rename:** Allows you to rename the video file.
- ▶ **Delete:** Allows you to delete the video file saved in **My stuff**.
- ▶ **Delete all files:** Allows you to delete all video files saved in video folder of **My stuff**.
- ▶ **Sort:** Allows you to sort the video clips by name, type, time, or size.
- ▶ **Storage:** Allows you to check the video's memory and format and play the video clip either from phone or memory card.

Music player

Menu 4.6

KP220 is designed to be a music-oriented phone supported MP3 format as result in a dedicated key of entering the music player mode to play your favourite songs by pressing  key in your handset. The other path of accessing the music player is from the main menu. You also may download the music content via USB or other connection. Music tracks must to be saved in the **My Music's** folder in the **My stuff** in order to be automatically detected and added into default play list. You may listen to the music by headset or loud speaker. The sophisticated user interface can enable you to control the music player as you wish.

Note

You can make or answer a call while using the audio player. During a call, the playback is paused.

Play the music

Four Ways Navigation Key	Audio Play Function
	► Play / Pause music
	■ Stop
	►► Skip to next tracks
	◄◄ Skip to previous tracks

Note

Your can adjust this volume +/- through side keys.

Your music database will be detected automatically and added into default play list if the “**List auto gen**” is set to be on. More **List auto gen** is explained in the next.

Note

Your mobile phone is designed to be able to play the music during flight. You have to go to **Setting → Phone → Flight mode** to change your setting for flight security concern.

Setting

In the music player menu, you may press List to access the following setting.

- Select one song and press **Options**.

- In the option list, you will find

Play: Allows you to play the song immediately.

Detail: Shows the channel, quality, size and time of selected song.

Add to rings: Allows you to add the selected song as ring tone.

Add: Allows you to add the selected songs into play list.

Remove: Allows you to remove the selected songs from play list.

Remove all: Allows you to remove all songs in play list.

Refresh list: Allows you to refresh the list if you have changed the name of song or remove certain songs from the Music folder.

Multimedia

Settings: Allows you to select your play list from phone or card, to turn on the auto gen., to change the skin, equalizer...etc.

Note

- ▶ The option of Add, Remove and Remove all won't be showed if the List of auto gen is turned off.

Voice recorder Menu 4.7

Voice recorder is a simple sound recording tool provides functionalities for you to manage voice files.

To start recording (Menu 4.7.1)

1. In **Multimedia** menu, choose **Voice recorder**, press **OK**.
2. Press **Options** and select **Record**, choose **OK** to start it.

Note

- ▶ During recording, you may pause or stop the voice recording anytime by pressing soft keys.

- ▶ After recording, the file is saved as AMR and WAV format.

Your phone provides the following selections for your option:

- ▶ **Record:** Allows you to record the sound during your phone call or other situation.
- ▶ **Play:** Allows you to play the recorded file.
- ▶ **Append:** Allows you to record in the same file.
- ▶ **Rename:** Allows you to rename a file name.
- ▶ **Delete:** Allows you to delete the file saved in the voice recorder.
- ▶ **Delete all:** Allows you to delete all content saved in this folder.
- ▶ **Settings:** Allows you to choose your storage and file format.
- ▶ **Forward:** Allows you to forward the file to user profile or share to friends via MMS.

Melody composer Menu 4.8

This function allows you to compose a ring signal or melody.

To start composing (Menu 4.8.1)

1. In **Multimedia** menu, choose **Melody composer** by pressing **OK**.
2. Select **Add** to start composing your ring tone.
3. After composing, the melody will be saved as IMY format.

Key	definition
	Do
	Re
	Mi
	Fa
	Sol
	La
	Ti
	Vibration note
	Backlight/LED note
	Rest

	Switch current musical note to sharp, normal or flat stats
	Change the beat length of current musical note also change current note between backlight and LED
	Navigation key down to flat one octave of musical note. Also, you can disable vibration, backlight and LED.
	You might change instrument through volume keys.

4. During composing the melody, you may personalize the melody.

Your phone provides the following selections for your option:

- ▶ **Play:** Allows you to listen the melody you have made.
- ▶ **Play speed:** Allows you to adjust the three different play speed.
- ▶ **Select instrument:** Allows you to select your favourite instrument.
- ▶ **Save:** Allows you to save the melody

Your phone provides the following selections for your option when you have saved several melodies.

Multimedia

- ▶ **Play:** Allows you to listen the melody you have made.
- ▶ **Edit:** Allows you to edit the selected melody.
- ▶ **Add:** Allows you to compose one more melody.
- ▶ **Rename:** Allows you to rename a file name.
- ▶ **Delete:** Allows you to delete selected melody in this folder.
- ▶ **Delete all files:** Allows you to delete all content saved in this folder.
- ▶ **Forward:** Allows you forward the melody to user profile as ring tone or to share with friends by EMS or MMS
- ▶ **Manual input:** Allows you to key in the radio station frequency manually.
- ▶ **Preset auto search:** Allows you to auto search the radio station without pressing forward or backward key all the time.
- ▶ **Settings:** Allows you to change the skin of FM radio. It will also allow you to select FM recording format. You could select record format as AMR or WAV and turn on/ off Background play function.
- ▶ **Loud speaker:** Allows you to speaker out the radio program.
- ▶ **Record:** Allows you to record your favor program.
- ▶ **Append:** Allows you to resume the file you have recorded and continue to record at the same file.
- ▶ **File list:** Allows you to listen to the radio program you have recorded.

FM radio

Menu 4.9

This feature allows you to listen to your favourite radio station anytime. Your phone provides the following selections for your option:

- ▶ **Channel list:** Allows you to bookmark 9 radio stations by entering the channel name and frequency.

Note

You have to plug-in the earphone in order to use the FM radio.

Schedule FM record

Menu 4.0

This phone allows you to pre-schedule programs from FM radio. You are able to record 4 programs according to your personal setting. The option of settings including: to turn on/off recording, to set up time period of pre-scheduling, to record Days/Weekly/Monthly/Once/Everyday, to set up channel by listing or manually inputting and to set up file format and storage.

Note

You must inset headset as the antenna when setting to pre-schedule radio channel.

Messaging [Menu 5]

Text messages (SMS)

Menu 5.1

Your phone services voice mail notification messages and text messages. Voice mail and short message service (SMS) are network service. Your phone also allows you to send and receive text messages contain pictures or melodies. A message with pictures was made up of several text messages. Therefore, sending message with pictures may cost more than sending one text message.

To read messages

When you have received a message, the indicator  will appear on the display. If your inbox is full, there will be a pop-up windows to remind you to delete some of your old messages. Otherwise, your message will be saved in the phone instead of SIM Card.

1. In **Messaging** menu, choose **Text message (SMS)**, press **OK** and then select **Inbox**.

2. Choose one message you would like to read by pressing **OK** to view the content.

Note

The message you have received will be saved in SIM as default setting.

When you read the message, your phone provides following selections for your options.

- ▶ **Reply:** Allow you to reply by sending a text message.
- ▶ **Delete:** Allow you to delete the message in progress.
- ▶ **Edit:** Allow you to edit the text message.
- ▶ **Forward:** Allow you to forward a text message.
- ▶ **Copy to phone:** Allow you to copy the selected text message to your phone.
- ▶ **Move to phone:** Allow you to move the selected text message to your phone.
- ▶ **Chat:** Allow you to chat with the one sending message to your phone.

- ▶ **Delete all:** Allow you to delete all messages at once.
- ▶ **Copy all:** Allow you to copy all messages to your phone at once.
- ▶ **Move all:** Allow you to move all messages to your phone at once.
- ▶ **Use number:** Allow you to save the number in your contacts.
- ▶ **Use URL:** Allow you to save the URL in your phone.
- ▶ **Save objects:** Allow you to save objects in your phone

 : The message that has been read.

 : The message that has not been read.

To write a message

1. In **Messaging** menu, choose **Text message (SMS)**, press **OK**.
2. Choose **Write Message**, press **OK** to write message.

3. You can also personalize your message with more different special effect by selecting following functions in option list which are

- **Use template:** You might insert default template for quick writing.
- **Insert object:** You might insert picture, animation, melody and sound in your text message.
- **Format text:** You might choose text size, style, alignment or start with new paragraph.
- **Input method:** You might choose input method as you wish.

Note

- ▶ To quick access Message function, you can press upside navigation key  in standby mode.
- ▶ To key in the content, please refer to “Input method” in page 17.

Messaging

To send a message:

1. In **Messaging** menu, choose **Text message (SMS)** and press **OK**.
2. Choose **Write message**, press **OK** to start writing message.
3. After finishing the writing, select **Done** following by pressing **Options**.

Note

- ▶ To use picture message function, your network operator or service provider support is necessary. Only phones that contain this function can receive and display picture messages.
- ▶ This mobile doesn't support Nokia smart message format (including WBMP), only support *.ems format.

Your phone provides the following selections for your send option:

- ▶ **Send:** Allow you to send a text message immediately.
- ▶ **Save:** Allow you to save the message and send it later.

- ▶ **Send to many:** Allow you to send many contacts at once. Successful sent messages will not be stored in outbox.
- ▶ **Send by group:** Allow you to send a group you have grouped in the phone.

Keypad information

Key	Character
	Shift the cursor.
	Insert symbol.
	Change input method.

Outbox (Menu 5.1.3)

After sending out the message, the message is saved in the outbox folder. You are allowed to read messages you have chosen to save with the following options:

- ▶ **Send:** Allows you to send the message.
- ▶ **Edit:** Allows you to edit the saved message.

- ▶ Delete: Allows you to delete the message in progress.
- ▶ Copy to phone: Allows you to copy the selected text message to your phone.
- ▶ Move to phone: Allows you to move the selected text message to your phone.
- ▶ Delete all: Allows you to delete all messages in your outbox at once.
- ▶ Copy all: Allows you to copy all messages to your phone at once.
- ▶ Move all: Allows you to move all messages to your phone at once.
- ▶ Use number: Allows you to save the number in your Contacts.
- ▶ Use URL: Allows you to save the URL in your phone.

Templates (Menu 5.1.4)

There are several default templates in your phone for quick message writing. You can also edit these templates and change to your words.

Message settings (Menu 5.1.5)

Your phone allows you to set up default setting on the SMS feature.

1. In Messaging menu, choose Text message (SMS), press OK
2. Choose Message settings, press OK.

Your phone provides the following selections for your option:

- ▶ Profile setting: If more than one message profile is allowed by your SIM, you may edit the profile separately.
- ▶ Common setting: You may select whether to enable or disable and change your reply path of your service center if any.
- ▶ Memory status: Allows you to check the memory status of the SMS in term of in SIM or in Phone.
- ▶ Preferred storage: Allows you to change your preferred storage either SIM or phone.
- ▶ Pref. bearer: Allows you to choose your preferred bearer-GSM or GPRS.

Messaging

Multimedia Message (MMS) Menu 5.2

The feature allows you to send the message that contain text, sound and a picture. Depending on the network, you may receive a text message that includes an Internet address where you can view the multimedia message.

Your phone supports the following formats in MMS function.

- ▶ **Picture:** JPG, GIF and BMP.
- ▶ **Sound:** Scalable Polyphonic MIDI (SP-MIDI), i-Meldoy.

Note

You can't receive multimedia messages during a call, a game or any active WAP connection over GPRS data.

To write a MMS

For availability to the multimedia messaging service, please contact your network operator or service provider.

1. In **Messaging** menu, choose **Multimedia message** and then press **OK**
2. Choose **Write message** followed by pressing **OK**.
3. Add number or e-mail To, Cc, and Bcc you wish to send to. Then edit the subject and content by press **Edit**.
4. In content, you are able to add text, image, audio and attachment in to the slide.

Note

- ▶ To key in the content, you can refer to "Input method".
- ▶ To use picture message function, your network operator or service provider support is necessary.

Your phone provides the following selections for your option when editing the slides:

- ▶ **Done:** Allows you to exit the editing page and go back to Edit content page.
- ▶ **Input method:** Allows to you change the input method.

- ▶ **Add image:** Allows you to add an image file in your message.
- ▶ **Add audio:** Allows you to add an audio file in your message.
- ▶ **Add attachment:** Allows you to attach a file in your message.

After adding text into the content, you will see more options showed including:

- ▶ **Insert new slide:** Allow you to insert another slide in your message.
- ▶ **Preview:** Allow you to preview the slide(s) you just wrote.
- ▶ **Slide timing:** Allow you to edit the sliding time.

To send a MMS

1. In **Messaging** menu, choose **Multimedia message** and then press **OK**.
2. Choose **Write message** followed by pressing **OK**.

3. After writing the message following by the below steps, select **Done** to either **Send only**, **Save and send**, **Save to drafts**, **Send options**, or **Exit** the message.
4. You can also choose the **Send options** to edit the MMS otherwise the message will be sent as default setting.

Note

- ▶ To key in the content, you can refer to "Input method".
- ▶ To use picture message function, your network operator or service provider support is necessary.

Your phone provides the following selections for your option:

- ▶ **Send only:** Allow you send a text message immediately.
- ▶ **Save and send:** Allow you to save a message and send immediately.
- ▶ **Save to drafts:** Allow you to save a message and send it later.

Messaging

- ▶ **Send options:** Allow you to personalize the sending options including Valid period, Delivery report, Read report, and Priority.
- ▶ **Exit:** Allow you to choose to save or not save the message you have written.

Keypad information

Key	Character
	Shift the cursor.
	Insert symbol.
	Change input method.

Inbox (Menu 5.2.2)

Your phone saves the multimedia messages that have been received in the Inbox folder of the Multimedia messages menu.

To read received multimedia messages

1. In **Message** menu, choose **Multimedia message** and then press **OK**
2. Select **Inbox** followed by pressing **OK**.

3. Choose a message, press **Option** to view the message.

Your phone provides the following selections for your option:

- ▶ **View:** Allow you view a multimedia message immediately.
- ▶ **Properties:** Allow you to view the mailing list
- ▶ **Reply:** Allow you to reply the sender.
- ▶ **Reply to all:** Allow you to reply the group.
- ▶ **Forward:** Allow you to forward the message.
- ▶ **Delete:** Allow you to delete the selected message.
- ▶ **Delete all:** Allow you to delete the all message.
- ▶ **Use number:** Allow you to either dial or save the phone number.

Outbox (Menu 5.2.3)

Multimedia messages that have been sent are saved in the Out box folder of the Multimedia messages menu. The multimedia messages that have error in sending will also

be saved in Outbox folder of the Multimedia messages menu.

To view outbox multimedia messages

1. In **Messaging** menu, choose **Multimedia message**, press **OK**, choose **Outbox**, press **Select**.
2. Choose a message, press **OK** to view.

Your phone provides the following selections for your option:

- ▶ **View:** Allows you view a multimedia message immediately.
- ▶ **Properties:** Allows you to view the mailing list.
- ▶ **Resend:** Allows you to send the message to others.
- ▶ **Delete:** Allows you to delete the selected message.
- ▶ **Delete all:** Allows you to delete all messages.
- ▶ **Use number:** Allows you to either dial or save the phone number.

Draft (Menu 5.2.4)

Your phone saves the multimedia messages that have not been sent in the Draft folder of the Multimedia messages menu.

To read unsent multimedia messages

1. In **Messaging** menu, choose **Multimedia message** and press **OK**.
2. Select **Drafts** followed by pressing **OK**.
3. Choose a message, press **Option** to view the message.

Your phone provides the following selections for your option:

- ▶ **View:** Allows you view a multimedia message immediately.
- ▶ **Properties:** Allows you to view the mailing list.
- ▶ **Send:** Allows you to send the message.
- ▶ **Edit message:** Allows you to edit the message.

Messaging

- ▶ **Delete:** Allows you to delete the selected message.
- ▶ **Delete all:** Allows you to delete all messages.
- ▶ **Use number:** Allows you to either dial or save the phone number.

Templates (Menu 5.2.5)

This phone allows you to have a quick entry for your multimedia message.

1. In **Messaging** menu, select **Multimedia message** and press **OK**.
2. Select **Templates**, press **OK**, select a template, press **Options**.
3. Choose **Write message** to send the multimedia message.
4. Select **Done** to either send or save the message.

You can **view** the content of template by **View** options to read the slide and **Properties** to read the message content and size.

MMS settings (Menu 5.2.6)

Before you send the MMS message, you need to finish MMS setting

1. In **Messaging** menu, choose **Multimedia message** and press **OK**.
2. Select **Message settings** and press **OK**.
3. Your phone provides the following selections for your option:

▶ Compose

You can set your compose format from the following option

Creation: Free/Restricted

Image Resizing: 160x120 / 320x240 / 640x480 / Off

Auto Signature: On/Off

▶ Send

Valid period: This is the duration that your message is stored at the Message Center.

- The duration option includes:
Max / 1 hour / 12 hours / 1 day / 1 week

Delivery report: You can turn **On** or **Off** this function if you want to receive delivery report from service provider or not

Read report: You can turn **On** or **Off** this function if you want to receive report from service provider.

- **Priority:** You can choose message priority; the option includes **Normal, High, and Low.**

- **Slide timing:** You can set slide timing by own preference.

- **Delivery time:** The duration option includes Immediate / In one hour / 12 hours / In 24 hours

► **Retrieve:**

Home network: The option of home network includes Immediate / Delayed / Restricted

Roaming: the option of roaming network includes As Home / Delayed / Restricted

Read report: The option of read report includes On request / Send / Never send

Delivery report: You can turn On or Off this function to request the network to send delivery reports of the past messages.

► **Filter:**

Anonymous: The option of anonymous includes Allow/ Reject

Max Size: To multimedia messages size

Commercial: The option of advertisement setting includes Allow / Reject

► **Server profile:** You may receive and send multimedia message through certain network or service provider. To activate or edit Profile detail setting, press **OK.**

Messaging

- ▶ **Memory status:** You can check what percentage of the phone's internal memory is unoccupied and still how messages can be stored in SIM card's or Phone's memory.

Note

To finish the MMS setting, you may contact with your network service operator.

Chat

Menu 5.3

You can chat with friends through here. There are 2 chat rooms.

Before chatting, you need to go to **Chat room info** to

1. Create a nickname by pressing **Edit**.
2. Then, input the mobile phone number or searching from **Contacts**.

To start chatting

1. After chat room setting, press **Start new**.
2. Create a nickname by pressing **Edit**.

3. Then, you are allowed to write message to the one you wish to chat.
4. After finishing the writing, press **Send** to start chatting.

Your phone provides the following selections when you start to chat

- ▶ **Send:** Allows you to send the message you have written.
- ▶ **Use template:** Allows you to insert the template in your SMS template option.
- ▶ **Insert PHB number:** Allows you to insert phone number from your contacts.
- ▶ **Insert PHB name:** Allows you to insert name from your contacts.
- ▶ **Input method:** Allows you to change your input method.

Your phone provides the following selections during chatting,

- ▶ **Reply:** Allows you to reply the message sent by the one you chat with.

- ▶ **Use number:** Allows you to save the contact number of chatter or number sent by the chatter.
- ▶ **Clear chat:** Allows you to clear your conversation.
- ▶ **Temp leave:** Allows you to leave the chat room temporarily.
- ▶ **Quit:** Allows you to quit this chat room.
- ▶ **Chat Room Info:** Allows you read the chat room information you have set.

Note

If you happen to leave the chat room temporarily, you can choose to **Resume** or **End** of chatting.

In the Voice Mail submenu, you can choose line 1 or 2 and options list including:

1. Edit: Allows you to edit name & number of voice mail line 1.
 2. Connect to voice: Allows you to connect the your voice mail box.
- ▶ In standby mode, long press  to access your voice mail server directly.

Note

To use this function, you may need to enter the voice server number obtained from your service provider.

Voice mail server Menu 5.4

Your phone allows you to access your voice mailbox with a quick way if your operator supports this function. Your voice mail number will be provided by your service provider and showed in the phone.

Broadcast Message

Menu 5.5

Your phone allows you to receive commercial message. You can either enable or disable the receiving mode and set some other settings based on your personal preference.

Messaging

Your phone provides the following selections:

- ▶ **Receive mode:** You can choose to receive or not to receive the broadcast messages.
- ▶ **Message list:** In message list, you can read messages by pressing “OK” or exit the by pressing “Back”
- ▶ **Languages:** You can set up the languages of broadcast message you want to receive.
- ▶ **Channel setting:** You can select channels from the channel list or add new channel where you want the messages to be received to the list. Then, select channel(s) from the select list. You are allowed to edit, add and delete it.

My stuff [Menu 6]

In this menu, you can manage images, photos, recordings and tones you had.

There will be two storages showed:

► Memory card

You may check files saved in your memory card.

► Phone

You may check files saved in your phone.

To start view/organizing the My stuff

1. When you enter this menu, you may also see one more drive named memory card if you have inserted microSD card
2. Scroll to the desired folder and press Option select options: **Open**, **Create folder** and **Format**.
3. Your phone provides the following options when you select the one of these folders (**Audio**, **Images**, **My Music**, **Photos**, **Video**, **Received**)

4. You can

- **Open:** Allows you to open the folder.
- **Create folder:** Allows you to create new folder.
- **Rename:** Allows you to rename the file. You can not rename the default folders.
- **Delete:** Allows you to delete the selected file.
- **Sort:** Allows you to sort the files by name, type, time and size.

Profiles [Menu 7]

You can set following different profiles to adapt to different environment conditions. Your phone provides 6 different profiles, including:

- ▶ **General:** Standard profile as phone defaults setting.
- ▶ **Meeting:** Ring volume is set to be low and key tone is switched off.
- ▶ **Outdoor:** Ring and key tone volume is set to be loud.
- ▶ **Vibrate only:** Ring and key tone volume is set to be off and vibrator is switched on.
- ▶ **Headset:** Profile for headset plug-in.
- ▶ **Silent:** Ring volume and vibrator is set to be off and only LED is switched on
- ▶ **Bluetooth:** Profile when Bluetooth is connected

Icon	Profile Mode
	General
	Meeting
	Outdoor

	Vibrate only
	Silent
	Headset
	Bluetooth

To activate the Profiles

1. In **Profiles** menu, choose a profile followed by pressing **OK**.
2. Choose Activate and press **OK**.

To edit the Profiles

You can customize **General** profile settings to meet your preference.

1. In **Profiles** menu, choose a profile followed by pressing **OK**.
2. Choose **Customize** and press **OK**.

Your phone provides the following selections for your personalize option:

- ▶ **Tone setup:** Allows you to set ring tone depend on your favor.

- ▶ **Volume:** Allows you to adjust the volume of ring tone and key tone.
- ▶ **Alert type:** Allows you to select different alert type including **Ring, Vibration only, Vibrate and Ring, Vibrate then ring, Light only** and **Beep once**.
- ▶ **Intelligent Call:** Allow your phone to have a phone number pronounced before ringing.
- ▶ **Ring type:** Allows you to select single, repeat or ascending ring for incoming call.
- ▶ **Extra tone:** Allows you to either on or off warning, error, camp on and connect tones.
- ▶ **Answer mode:** Allows you to turn on/off the answer mode by pressing any key.
- ▶ **Status LED:** Allows you to choose enable or disable your status LED if there is any signal.

Contacts [Menu 8]

Your phonebook is saved either in the SIM card's memory or Phone's memory. You can also choose to save in both memories.

Search

Menu 8.1

Allow you to search names and numbers saved in the contacts.

To search a number and a name

1. In **Contacts** menu, key in full name or first character of contact person's name. The contact list will automatically jump to the contact list with the character you have entered or the matched contact will be shown.
2. Select the one you wish to call by pressing  to start making a call.

Note

In the search mode, you might press  key to quick change the input method.

You can also press **Options** to change input method or edit the selected phone number.

Your phone provides the following selections for **Entry options**:

- ▶ **Input method:** Allow you to select the default input language.
- ▶ **View:** Allows you to read the contact person's information.
- ▶ **Edit:** Allows you to edit name & phone number of the contact person.
- ▶ **New Message:** Allow you to send either SMS or MMS to the selected contact person.
- ▶ **Delete:** Allows you to delete the selected contact person's information.
- ▶ **New contact:** Allow you to add new contact person into the phonebook.
- ▶ **Copy:** Allows you to copy the contact person's information to phone or SIM. (depend on where you have saved the phone number)

- ▶ **Move:** Allows you to move the selected contact person's information to phone or SIM.
- ▶ **Duplicate:** Allows you to duplicate the selected contact person's information to the same memory storage.
- ▶ **Send vCard:** Allows you to send vCard to the selected contact person.

4. You may also edit the name, home number, company name, email address, office number, fax number, birthday, image, ring tone and caller group for individual contact.

Note

Your phone allows you to save 500 entries of phone numbers.

New contact

Menu 8.2

Allow you add new name and number in the contacts.

To add a phone number and a name in contacts

1. In **Contacts** menu, choose **New contact**, press **OK**.
2. Choose **To SIM** or **To phone**, press **OK**.
3. Key in the name, press **OK** and use navigation key to number column, key in the number.

Caller group

Menu 8.3

There are five default groups in the phone. You can edit each group's name with different tone/picture/LED/video/member list. With the function of caller group, you can send a message to all members of a group at the same time by this setting.

To add a name in a Group

1. In **Contacts** menu, choose **Caller group**, press **OK**.
2. Choose a **Group**, press **OK**.

Contacts

3. Choose **Member list**, press **OK**.
4. Press **Add**, then you may choose from **Contacts**.

Note

- ▶ Your phone provides 5 caller groups including: Friends, Family, VIP, Business & Others.
- ▶ You need to store contacts into phone but not SIM if you want to add contacts into Caller group function.

Your phone provides the following selections for your option:

- ▶ **Group name:** Groups includes **Friends, Family, VIP, Business** and **Others**
- ▶ **Ring tone:** Allows you to set the profile of ring tone for this particular call group.
- ▶ **Pictures:** Allows you to set a picture for the group.
- ▶ **Status LED:** Allows you to choose either turn on or off your LED light when someone calls.

- ▶ **Video:** Allows you to set a video clip for the group.
- ▶ **Member list:** Allows you to add a member in the specified group.

Speed dial

Menu 8.4

If you assign the number to one of the speed dialing keys (from  to ) saved in the Contacts, you can call the phone number by long pressing the key in standby mode.

1. In **Contacts** menu, Choose **Speed dial**.
2. Turn on the Speed dial from **Enable speed dial** option.
3. Select **Set number** and press **OK** to edit the number from your contact lists.

Extra number

Menu 8.5

Allow you edit **owner number**, **Service dial number** and **SOS number** for your personal preference.

Note

Your service provider may program some special phone numbers into your SIM. It is not possible to modify the Service dial numbers if doesn't support.

Copy

Menu 8.6

You can copy and transfer your phone data from SIM to your phone (or from phone to SIM).

1. In **Contacts** menu, select **Copy**.
2. Choose an item All from SIM, All from phone or One by one, and press **OK**.

Delete

Menu 8.7

Your phone allows you to delete all numbers and names stored in the Contacts.

1. In **Contacts** menu, select **Delete**.
2. Choose **All from phone, All from SIM** or **One by one**, press **OK**.

Move

Menu 8.8

Your phone allows you to move all numbers and names stored in the contacts.

1. In **Contacts** menu, select **Delete**.
2. Choose **All from phone, All from SIM** or **One by one**, press **OK**.

Settings

Menu 8.9

Your phone provides you various setting options to personalize your phone, including,

1. **Caller picture:** Allows you to use your friend's photo or any other picture as his/her picture ID when calling.
2. **Caller ring Tone:** Allows you to personalize the incoming ring tone for specific person or caller group in your contact list.
3. **Caller video:** Allows you to use certain video clip for specific person in your contact list.

Contacts

4. **Memory status:** You can check what percentage of the phone's internal memory is unoccupied and how many name and number entries can still be stored in SIM card's and Phone's memory.
5. **Preferred storage:** You can choose your preferred storage in phone, SIM or both.
6. **Fields:** You may customize the contact information you want to show on your display.
7. **My vCard:** You can edit your vCard information and share to others from this option.
8. **Human voice prompt:** Your phone designed to able to play human voice for 0~9, * and # keys. You can choose either turn on or off the human voice keypad tone.

Note

You could get PC suite tool via www.wowlg.com. PC suite tool could let you to manage your contact lists stored in mobile and SIM

Settings [Menu 9]

Time & Date

Menu 9.1

This function allows you to set your home city, view and change the time and date set in your phone. You can also choose to auto update the date and time.

Set home city

(Menu 9.1.1)

1. In **Settings** menu, choose **Time & Date**, press **OK**.
2. Select "Set home city", press **OK**.
3. All major cities are listed in the phone. You may use navigation keys to scroll up/down for your selection. Or, pressing first character of home city you wish to find by numeric key for quick search.
4. After finding your home city, press **OK** to back Time & Date submenu.

Set time & date

(Menu 9.1.2)

1. In **Settings** menu, choose **Time & Date**, press **OK**.
2. Set time & date by using navigation and numeric keys and **—** LSK followed by press **OK**.

3. You can choose turn on/off daylight saving.

Set time format

(Menu 9.1.3)

1. In **Settings** menu, choose **Time & Date**, press **OK**.
2. Choose **Set Format**, press **OK**.
3. Choose **Time and Date** format, press **OK**.

Auto update

(Menu 9.1.4)

This function is to set the phone for updating the time and date automatically according to the current time zone.

1. In **Settings** menu, choose **Auto update**, press **OK**.
2. Select **On** or **Off** to have the auto update function.
3. Finally, choose **Yes** to confirm the request.

Note

Auto update of date and time does not change the time you have set for the alarm clock, calendar or the alarm notes. They are in local time. Updating may cause some alarms you have set to expire.

Settings

Display

Menu 9.2

This feature allows you to personalize your display setting by following options:

- ▶ **Wallpaper:** Allows you to change wallpaper showed on idle screen.

1. In **Settings** menu, choose **Display**, press **OK**.
2. Choose **Wallpaper**, press **OK**.
3. Choose **System** or **User define**, press **OK**.
4. Choose wallpaper, press **View**, press **OK** to select as wallpaper.

- ▶ **Screen saver:** Allows you to play different screen saver.

1. You may customize the screen saver's setting with the option of turning on or off the screen saver and waiting time from 5 sec to 1 min. when active the screen saver.
2. After setting, you may select the screen saver either from **System** or **User Define**.

The operation press is the same as **Wallpaper** display setting.

- ▶ **Power on/off display:** This phone allows you to set the power-on/off animation from system, phone/card memory or disable animation. The support format will be MP4/3GP.
- ▶ **LCD backlight:** Allows you to adjust LCD's brightness and time of turning dark.
- ▶ **Show date and time:** Allows you to show or not to show the date and time in the idle screen.
- ▶ **Show owner number:** Allows you to enable/disable your phone number showed in the idle screen.
- ▶ **Show home shortcut:** Allow you to enable/disable the screen shortcut in the idle mode to remind you 4-way navigation key default function for quick access.
- ▶ **Show operator name:** Allows you to choose either show or not to show your operator's name in the idle screen.

Phone

Menu 9.3

Language

(Menu 9.3.1)

This phone allows you to set a language for the display in this phone.

1. In **Phone** menu, choose **Language**, press **OK**,
2. Choose a language, press **OK**.

Greeting text

(Menu 9.3.2)

This function allows you to display the Greeting text when you power on the phone. You may edit any message for your welcome note.

Flight mode

(Menu 9.3.3)

This function allows you to play the music player during flight journey, if you select the mode to Flight Mode instead of Normal Mode. In this mode you will be able to listen only the music.

- ▶ **Normal mode:** GSM/GPRS network works which mean you can make a call.

- ▶ **Flight mode:** GSM/GPRS will be disabled for security reason and you can use only phone music player .

- ▶ **Query when power on:** You will need to select either Normal or Flight mode whenever power on your phone.

Misc setting

(Menu 9.3.4)

This function allows you to enable or disable the LED indicator if there is any signal received.

Shortcuts

(Menu 9.3.5)

This function allows you to edit your shortcut list since it is one of your dedicated keys.

Call

Menu 9.4

Caller ID

(Menu 9.4.1)

This function allows you to either send or hide your ID during calling or sending out the message. By default your phone is set in **Set by network** which means your ID is determined by your service provider.

Settings

Call waiting (Menu 9.4.2)

This network service enables you to be informed when someone is trying to reach you during another call.

1. In **Setting** menu, choose **Call**, press **OK**.
2. Choose **Call waiting**, press **OK**, choose **Activate** or **Deactivate** and press **OK**.
3. Select **Query status** may allow to you see this function is activated or deactivated.

Call divert (Menu 9.4.3)

You can set the call condition by which calls are diverted to another numbers.

To Set call divert

1. In **Setting** menu, choose **Call**, press **OK**.
2. Choose **Call Divert**, press **OK** and then choose an item, press **OK**.
3. Choose **Activate**, press **OK**.
4. Enter the number you want to be diverted, press **OK**.

Your phone provides the following divert selections for your option:

- ▶ **Divert all voice calls:** All voice calls are diverted.
- ▶ **Divert if unreachable:** Calls are diverted when you are not in a location covered by your service provider.
- ▶ **Divert if no answer:** Calls are diverted when the call is not answered.
- ▶ **Divert if busy:** Calls are diverted when your phone is engaged on other calls.
- ▶ **Divert all data calls:** All data calls are diverted.
- ▶ **Cancel all diverts:** Cancel the above settings.

Call barring (Menu 9.4.4)

This network service allows you to restrict incoming calls and outgoing calls from your phone. A barring password is required for using this function.

- ▶ **Outgoing calls:** To bar All calls/ International calls/ International call except home country

- ▶ **Incoming calls:** To bar All calls/ When roaming
- ▶ **Cancel all:** To cancel all the bar call setting (you will need to enter the barring password).
- ▶ **Change barring PW :** To set barring call, you are asked to input your barring call password. This menu enables you to change your barring call password. To know the default password setting, please contact your service operator.

Line switching (Menu 9.4.5)

This is a network service to select phone line 1 or 2 that is subscriber number for making calls within ALS setup submenu.

Note

If you select Line 2 but not subscribe this networks service, you will not be able to make a call. However, calls on both lines can be answered regardless of the selected line.

Call reminder (Menu 9.4.6)

This function allows you to set a time reminder during a call.

1. In **Setting** menu, press **OK**. Then, choose **Call**, press **OK**.
2. Choose **Call reminder**, press **OK**.
3. Choose an item, press **OK**.

Your phone provides the following time alert selections for your option:

- Off
- Single
- Periodic

Note

The minimum time of Periodic is 30 seconds at least.

Call time display (Menu 9.4.7)

This function allows you to enable/disable the call time shown on display.

Settings

Auto redial (Menu 9.4.8)

This function allows you to set auto redial. Select On and your phone will make a maximum of ten attempts to connect the call after an unsuccessful call attempt.

Closed user group (Menu 9.4.9)

This function allows you to set the limited call group. Only the persons in the specific group are allowed to make and receive the calls.

Bluetooth Menu 9.5

Your phone is designed to be compliant with Bluetooth technology V1.2. Bluetooth technology enables wireless connection between electronic devices. The Bluetooth connection can be used to listen to stereo music, send images, video, texts and vCard.

To start using Bluetooth technology

You will need to set up the Bluetooth connectivity with the device when first time using. After setting, you will be allowed to use

Bluetooth by connecting with certain device. Whenever your Bluetooth connectivity is power on, the status bar will show ,  represents connection on;  red icon represents invisible when someone tries to detect BT device.

To pair with BT Audio Device

1. In **Settings** menu, select **Bluetooth** by pressing **OK**.
2. You will have to power on the Bluetooth connectivity of your phone and the device you wish to connect first.
3. After turning on, press **Inquiry audio device**. Your phone will automatically search and pair the device.
4. Whenever your phone is connected with the device, there will be a pop-up message to notify you.
5. Press **Bond** to pair your phone w/ the headset.
6. Then, you might add the BT headset to trust list and connect the headset by press **Yes**.

Note

- ▶ Before using the BT headset, please make sure your device has been full charged.
- ▶ The BT headset added to trust list would be shown in **My device** list. In the future, if you wish to connect your mobile phone with certain BT headset, you can select from **My device** list for connection.
- ▶ All active devices you have connected will be shown in **Active device** and you can disconnect anytime by pressing **Disc**.

To pair with BT Devices

1. In Settings menu, select Bluetooth by pressing OK.
2. Go to **My device** and press **Options**.
3. Select Inquire new device, then your phone will automatically search all BT devices.

To connect with BT Device

1. In **Settings** menu, select **Bluetooth** by pressing **OK**.

2. Go to **My device** and select the BT device you wish to connect.
3. Press Options and select **Connect**.
4. After connecting the BT device, your phone will ask you which profile you wish to connect (it will depend on how many profiles your BT device supported).

You options list in My device including:

- ▶ **Connect**: Allow you to connect the device supporting BT technology.
- ▶ **Rename**: Allow you to rename the device's name.
- ▶ **Delete**: Allow you to delete the selected items in your trust list.
- ▶ **Delete all**: Allow you to delete all items in your trust list.
- ▶ **Service list**: Allow you to check the profiles supported by devices you have added into your trust list.
- ▶ **Inquire new device**: Allow you to inquire new device(s).

Settings

To use your mobile phone as modem

Your phone can be used as modem for dialing up network. This function can only be used by PC supported Bluetooth technology. You will need to check with your service provider for setting.

To send data using Bluetooth connectivity

1. Select object your wish to send.
2. Press Option and select Forward.
3. Choose **To Bluetooth**, then your phone will search device.
4. Select the device you would like to share following by sending action.

To receive data using Bluetooth connectivity

When you receive data through Bluetooth, notify message will be pop-up for asking if you are willing to accept. If you decided to receive the message, press **OK** and the data will be saved in **Received** folder of **My stuff**.

You can also change your received data location through **Setting** → **FTP Settings**. In there, you can

1. customized the Shared folder location
2. adjust Access right which including **Full control** or **Read only**.

To receive data from PC

Your phone allows you to browse and transfer the file from PC. Your PC needs to support Bluetooth technology in order to transfer the files to handset. Please follow the instruction showed on your PC.

1. In **Settings** menu, select **Bluetooth** by pressing **OK**.
2. Turn on the Bluetooth in both handset and PC. Then, Inquiry device by pressing OK.
3. After inquiring the PC and follow the instruction showed on PC to setup. Connected PC will be added into **My device**.
4. Press Options and select **FTP profile** to connect.

5. Then, you will be able to browse and copy files from PC to your handset.

To listen to stereo music

1. In Settings menu, select Bluetooth by pressing OK.
2. If you have already paired the stereo Bluetooth headset, please goto **My device** and select the headset you wish to connect. If the Bluetooth headset you never pair before, please pairing the headset first.
3. Go to My device and select the BT headset you wish to connect.
4. Press Options and select A2DP profile to connect.
5. You would see the list of profiles supported by this particle Bluetooth headset.
6. Select A2DP profile and press LSK to connect.

To setup your BT technology

Your setting list including:

- ▶ **Visibility:** You may choose to turn on or off the visibility of your phone when other devices are trying to search devices supported BT technology.
- ▶ **Change device name:** You can change your device which is your phone's name displayed in other device.
- ▶ **Authentication:** When other device is trying to pair your phone, it will always need your authorization to connect it.
- ▶ **Audio path:** This function helps you to set if you wish to leave your audio path in phone or BT headset.
- ▶ **FTP settings:** You can customize the shared folder and access right of your phone.

Note

Operating your phone in invisible mode is a safer way to avoid malicious software. Do not accept BT connectivity from sources you do not trust.

Settings

About

You may find out your device name, BD address, and supported service information in here. Your phone support Bluetooth profiles include HSP (headset-free), HFP (hands-free), SPP (serial port), DUN (dial-up networking), OPP, FTP (file transfer profile), A2DP (advanced audio distribution profile) and AVRCP_T.

- ▶ Select Automatic mode, the phone automatically selects one of the cellular networks available in your area and then press OK.
- ▶ In **Manual** mode, the phone will show a list of available networks and you can select the desired network if this network has a roaming agreement with your home network operator.

Network

Menu 9.6

Network selection (Menu 9.6.1)

Your phone provides you 3 selections for your network connectivity.

- ▶ **New search:** You can always refresh your network connectivity before using network.
- ▶ **Select network:** Your phone will list down the network list for your selection if you select Manual mode.
- ▶ **Selection mode:** This function enables you to make operator selection by manual or automatically.

Preferred networks

(Menu 9.6.2)

Preferred networks is used when the mode has been set to Automatic. The location numbers in the preferred network list show the search priority. Your service provider's network will be shown in the display. This feature helps you to select your GSM/GPRS network if your service provider does provide more than one network choice. However, please make sure you have applied the international roaming service when you are traveling abroad.

Your phone provides the following options:

- ▶ **Add from list:** Allows you to add network list selecting from over 300 networks in the worlds.
- ▶ **Create new:** Allows you to create new network list by entering MCC/MNC and adjust the priority.
- ▶ **Change priority:** Allows you to change the priority of your preferred network list.
- ▶ **Delete:** Allows you to delete the select item.

GPRS connection (Menu 9.6.3)

The handset can change GPRS connection status, "When need / Always", by press OK to switch.

Security Menu 9.7

SIM lock (Menu 9.7.1)

This function allows you to lock the SIM card with a specific PIN number. The feature is designed to prevent the use of your SIM card if your phone becomes lost.

You can switch on or off to activate the SIM lock function by inputting the PIN code.

Phone Lock (Menu 9.7.2)

This function allows you to lock or unlock your phone for protection purpose. You need to enter the password during unlock the phone. The default password is "0000"

Auto keypad lock (Menu 9.7.3)

This allows you to lock the phone's keypad to prevent accidental key pressed.

In submenu, select the time that after the last key press will be disabled, then press **OK**.

Fixed dial (Menu 9.7.4)

This function dials only the numbers in the fixed dialing number (FDN). To save and edit numbers on the list, you need the PIN2 code.

Settings

Barred dial (Menu 9.7.5)

You can switch the mode on and off to have a restricted call. However, you need to check if your SIM supports this function or not.

Change Password (Menu 9.7.6)

- ▶ PIN: This allows you to change the PIN number.
- ▶ PIN2: This allows you to change the PIN2 number.
- ▶ Phone lock: This allows you to change the password.

Restore factory settings Menu 9.8

This function allows you to reset the entire phone setting to the original setting when it is produced. The security code is needed to access.

Troubleshooting

Problem	Possible Solution
Telephone cannot be switched on	Please take out and insert the battery once again then press  power on .
Battery empty	Charge battery. Check charging indicator in the display.
The battery doesn't charge properly or the phone sometimes turns itself off	Wipe the charging contacts of both phone and battery with a clear soft cloth.
Usage time of battery becomes shorter	If the battery charge time is shorter, it may be due to the user environment, or large volume of calls, or weak signals.
Charging error – Temperature out of range	Make sure the ambient temperature is right, wait for a while, and charge it again.
Charging error – Wrong charger	Only use original LG accessories.
Charging error – Battery defective	Replace battery.
Charging error – No battery icon appears when charging	The battery is empty or has not been used for a long time. It may take a while before the battery icon appears on the screen.
Forget the phone code or password	The default phone code is "0000".
Enter PUK	The PIN code has been entered incorrectly three times in succession, and the phone is now blocked. Enter the PUK supplied by your service provider.
Phone loses network	The network connection has been lost. You may be in a weak signal area. Move and try again. You are trying to access an option for which you have no subscription with your service provider. Contact the service provider for further detail.

Troubleshooting

Problem	Possible Solution
You have entered a number but it was not dialled	Be sure that you have pressed  . Be sure that you have accessed the right network service. Be sure that you have not set an outgoing call barring option. Be sure that you have entered the area code.
Your correspondent cannot reach you	Be sure that your phone is switched on. Press  for more than one second. Be sure that you are accessing the network service. Be sure that you have not set an incoming call barring option.
Your correspondent cannot hear you speaking	Be sure that you have switched off the loudspeaker. Be sure that you are holding the phone close enough to your mouth. The microphone is located at the bottom of the phone.
The audio quality of the call is poor	Check the signal strength indicator on the display  . The number of bars indicates the signal strength. If you are in a building try to move closer to window side.
No number is dialled when you recall a Contacts entry	Use the Contacts/Search feature to ensure the number has been stored correctly. Resave the number, if necessary.
Cannot use the Internet/WAP	Your subscription does not include data capability. You will need to contact your service provider to apply the service.
Cannot use MMS/picture messages on your phone	Your subscription does not include data capability. You will need to contact your service provider to apply the service.
If the above guidelines do not help you to solve the problem	Take note of the model number of your mobile phone and a clear description of the problem. Contact your phone dealer or LG Service Center for help.

Emergency calls

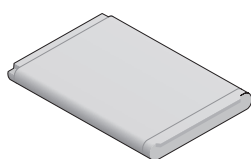
Important

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user programmed functions. Because of this, connections in all conditions cannot be guaranteed. Therefore, you should never rely solely upon any wireless phone for essential communications (e.g. medical emergencies) Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service provider.

Accessories

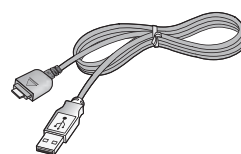
There are various accessories for your mobile phone. You can select these options according to your personal communication requirements.

Standard Battery



Data cable

You can connect your phone to PC to exchange the data between them.



Headset

Allows hands free operation.



Travel Adapter

This charger allows you to charge the Phone's battery.



Note

- ▶ Always use genuine LG accessories.
- ▶ Failure to do this may invalidate your warranty.
- ▶ Accessories may be different in different regions; please check with our regional service company or agent for further enquires.

Technical data

General

Product name : KP220

System : GSM 900/ DCS 1800/
PCS 1900

Ambient temperatures

Max : +55°C

Min : -10°C

Declaration of Conformity



LG Electronics

Suppliers Details

Name

LG Electronics Inc

Address

LG Twin Tower 20, Yeouido-dong, Yeongdeungpo-gu Seoul, Korea 150-721

Product Details

Product Name

E-GSM 900 / DCS 1800 / PCS 1900 Tri Band Terminal Equipment

Model Name

KP220

Trade Name

LG

CE 0681

Applicable Standards Details

R&TTE Directive 1999/5/EC

EN 301 489-01 v1.6.1 / EN 301 489-07 v1.3.1 / EN 301 489-17 v1.2.1
EN 60950-1 : 2001
EN 50360/EN 50361 : 2001
EN 301 511 V9.0.2
EN 300 328 V1.7.1

Supplementary Information

The conformity to above standards is verified by ETS.

Declaration

I hereby declare under our sole responsibility that the product mentioned above to which this declaration relates complies with the above mentioned standards and Directives

European Standard Center
LG Electronics Logistics and Services B.V.
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Name

Seung Hyoun, Ji / Director

Issued Date

07. January. 2008

Signature of representative

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