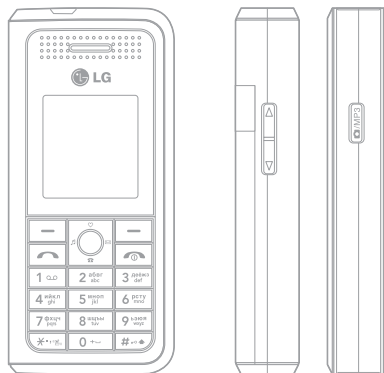


KG190 USER GUIDE

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



WELCOME



Thank you for purchasing a LG Handset Mobile Phone. We built our Handset to give user what we believe user really want from a wireless phone, clear sound, and fashion outlook.

Our advanced technology is designed to grow with users communications needs so that one day you will be able to rely entirely on users Handset to stay connected.

This guide will familiarize user with our technology and new Handset phone through simple, easy to follow instructions. If users have already reviewed the Quick Start Guide, which was packaged with new Handset, then user are ready to explore the advanced features outlined in this guide.

If users have not read “Quick Start Guide”, go to Section One Getting Started. This section provides all the information user need to quickly activate phone, and much more.

We congratulate on your choice.

CONTENTS

Safety Information	5
Safety Warnings	7
Guidelines for safe and efficient use	8
Quick Start Guide	13
Understanding Your Phone	15
Front / Back view of Phone	15
Key Function List	16
Idle Screen	17
Main Menu	17
Getting Started	19
SIM Card and Battery Information	19
Personalizing your Phone	20
Tips for Call Options	21
Using the Menu	24
Navigating Functions	24
Writing Text	24
Listing of Functions	26

Profiles	28
Activate	28
Personalise	28
Rename	29
Call register	30
Missed calls [Menu 2-1]	30
Dialed calls [Menu 2-2]	30
Received calls [Menu 2-3]	30
Delete call log [Menu 2-4]	31
Call time [Menu 2-5]	31
Call cost [Menu 2-6]	31
Text message counter [Menu 2-7]	32
GPRS counter [Menu 2-8]	32
Tools	33
Alarm [Menu 3-1]	33
Favorites [Menu 3-2]	33
Calculator [Menu 3-3]	33
Units converter [Menu 3-4]	34
World time [Menu 3-5]	34
BMI (Body Mass Index) [Menu 3-6]	34
Pink schedule [Menu 3-7]	35

CONTENTS

Organizer	36
Contacts [Menu 4-1]	36
Calendar [Menu 4-2]	40
To do list [Menu 4-3]	40
Messages	41
Text message [Menu 5-1]	41
Multimedia message [Menu 5-2]	44
Chat [Menu 5-3]	47
Voice mail [Menu 5-4]	48
Broadcast [Menu 5-5]	48
Multimedia	50
Camera [Menu 6-1]	50
MP3 player [Menu 6-2]	51
FM radio [Menu 6-3]	54
Photo gallery [Menu 6-4]	56
Voice recorder [Menu 6-5]	57
Install USB Software for Window 2000	58
Install USB Software for Window 98	58
My stuff	63
Java [Menu 7-1]	63
Games [Menu 7-2]	63
File manager [Menu 7-3]	64

Browser	65
SIM service [Menu 8-1]	65
WAP [Menu 8-2]	65
Data account [Menu 8-3]	68
Settings	69
Date & Time [Menu 9-1]	69
Display setup [Menu 9-2]	69
Language [Menu 9-3]	71
Call setup [Menu 9-4]	71
Network [Menu 9-5]	73
Security setup [Menu 9-6]	74
Restore settings [Menu 9-7]	75
Accessories	76
Technical data	77
Troubleshooting guide	78

Please read and understand the details which are both safe to you and your environment. Failure to observe these instructions may lead to suspension of cellular phone services to the user, or some legal action.

Important information for parents:

Please read the operating instructions and safety precautions carefully before use.

Explain the content and the hazards associated with using the phone to your children.



Emergency Calls (SOS)

Emergency call can be made from your cellular phone even without a SIM in the network service area.



Traffic Safety

Please do not use your cellular phone while driving; find a safe place to stop first.



Switch off in Hospital

The use of cellular phones may interfere with the functionality of some possible insufficiently protected medical devices in hospital.



Switch off in Airplane

The use of cellular phone in an aircraft may be dangerous to the operation of the aircraft, disrupt the cellular network and may be illegal.



Switch off in Gasoline Station and Explosive Site

It is advisable that users turn off cellular phone when refueling is in progress, users are reminded to observe restrictions on the use of radio equipment in fuel depots.

SAFETY INFORMATION



Operating Environment

Mobile radio transmitting equipment, including cellular phones, may be subject to interference and may cause danger. Switch off your phone whenever it is forbidden to use it.



Use Sensibly

Do not hold the phone to your ear when it ring or when you have switched on the hand free function. Otherwise you risk serious permanent damage to your hearing.



Appropriate Maintenance

Only qualified and authorized personnel should service your cellular phone. Faulty installation or repair may be hazardous.



Replace

You may only open the phone to replace the battery and SIM card. You must not open the battery under any circumstances. All other changes to this device are strictly prohibited and will invalidate the operating license.



Interference Noticed

The phone may cause interference in the vicinity of TV sets, radios and PCs.

SAFETY WARNINGS



Accessories

Use only accessories and charging devices approved by the phone manufacturer! Otherwise you risk serious damage to health and property. The battery could explode, for instance.



Power Voltage

The mains voltage specified on the power supply unit (Volt) must not be exceeded. Otherwise the charging device may be destroyed.



Waste Disposal

Dispose of worn out batteries and phone in accordance with local provisions!

Rechargeable Battery

If battery is over discharged the handset will need to pre-charge less than 7 minutes.

- Avoid accidental shorts across the contacts of battery by metal parts. Shorts can cause rapid discharge currents which can damage the battery, the part that creates the short or cause injuries.
- Prevent extreme low and high ambient temperatures for the battery. Therefore; do not place battery near a heater or on the car dashboard.
- Do not open, penetrate or otherwise physically damage the battery.
- Do not incinerate battery.

GUIDELINES FOR SAFE AND EFFICIENT USE

Please read these simple guidelines. Not following these guidelines may be dangerous or illegal. Further detailed information is given in this manual.

Exposure to radio frequency energy

Radio wave exposure and Specific Absorption Rate (SAR) information

This mobile phone model KG190 has been designed to comply with applicable safety requirements for exposure to radio waves. This requirement is based on scientific guidelines that include safety margins designed to assure the 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 standardised methods with the phone transmitting at its 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) is 2W/kg averaged over ten (10) gram of tissue.
- The highest SAR value for this model phone tested by DASY4 for use at the ear is 0.129 W/kg (10g).
- SAR data information for residents in countries/ regions that have adopted the SAR limit recommended by the Institute of Electrical and Electronics Engineers (IEEE), which is 1.6 W/kg averaged over one (1) gram of tissue (for example USA, Canada, Australia and Taiwan).

Product care and maintenance

WARNING! Only use batteries, chargers and accessories approved for use with this particular phone model. The use of any other types may invalidate any approval or warranty applying to the phone, and may be dangerous.

- Do not disassemble this unit. Take it to a qualified service technician when repair work is required.
- Keep away from electrical appliances such as a TV's, radios or personal computers.
- The unit should be kept away from heat sources such as radiators or cookers.
- Never place your phone in a microwave oven as it will cause battery to explode.
- Do not drop.
- Do not subject this unit to mechanical vibration or shock.
- The coating of the phone may be damaged if covered with wrap or vinyl wrapper.
- Do not use harsh chemicals (such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. There is a risk of this causing a fire.
- Do not subject this unit to excessive smoke or dust.
- Do not keep the phone next to credit cards or transport tickets; it can affect the information on the magnetic strips.
- Do not tap the screen with a sharp object as it may damage the phone.
- Do not expose the phone to liquid or moisture.
- Use accessories, such as earphones and headsets, with caution. Ensure that cables are tucked away safely and do not touch the antenna unnecessarily.
- Please remove the data cable before powering on the handset.

GUIDELINES FOR SAFE AND EFFICIENT USE

Efficient phone operation

To enjoy optimum performance with minimum power consumption please:

- Do not hold the antenna when the phone is in use. If you hold it, it can affect call quality, it may also cause the phone to operate at a higher power level than needed and shorten talk and standby times.

Electronic devices

All mobile phones may get interference, which could affect performance.

- Do not use your mobile phone near medical equipment without requesting permission. Avoid placing the phone over pacemakers (i.e. in your breast pocket.)
- Some hearing aids might be disturbed by mobile phones.
- Minor interference may affect TVs, radios, PCs, etc.

Road safety

Check the laws and regulations on the use of mobile phones in the areas when you drive.

- Do not use a hand-held phone while driving.
- Give full attention to driving.
- Use a hands-free kit, if available.
- 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 your motor vehicle such as a car stereo or safety equipment.
- If your vehicle is equipped with an air bag, do not obstruct it with installed or portable wireless equipment. It can cause serious injury due to improper performance.

If you are listening to music whilst out and about, please ensure that the volume is at a reasonable level so that you are aware of your surroundings. This is particularly imperative when attempting to cross the street.

Avoid damage to your hearing

Damage to your hearing can occur if you are exposed to loud sound for long periods of time. We therefore recommend that you do not turn on or off the handset close to your ear. We also recommend that music and call volumes are set to a reasonable level.

Blasting area

Do not use the phone where blasting is in progress. Observe restrictions, and follow any regulations or rules.

Potentially explosive atmospheres

- Do not use the phone at a refuelling point. Don't use near fuel or chemicals.
- Do not transport or store flammable gas, liquid, or explosives in the compartment of your vehicle, which contains your mobile phone and accessories.

In aircraft

Wireless devices can cause interference in aircraft.

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

Children

Keep the phone in a safe place out of small children's reach. It includes small parts which if detached may cause a choking hazard.

Emergency calls



Emergency calls may not be available under all mobile networks. Therefore, you should never depend solely on your mobile phone for emergency calls. Check with your local service provider.

GUIDELINES FOR SAFE AND EFFICIENT USE

Battery information and care

- You do not need to completely discharge the battery before recharging. Unlike other battery systems, there is no memory effect that could compromise the battery's performance.
- Use only LG batteries and chargers. LG chargers are designed to maximize the battery life.
- Do not disassemble or short-circuit the battery pack.
- Keep the metal contacts of the battery pack clean.
- Replace the battery when it no longer provides acceptable performance. The battery pack may be recharged hundreds of times until it needs replacing.
- Recharge the battery if it has not been used for a long time to maximize usability.
- Do not expose the battery charger to direct sunlight or use it in high humidity, such as the bathroom.
- Do not leave the battery in hot or cold places, this may deteriorate the battery performance.

QUICK START GUIDE



- These first two pages include some basic tips for quick and easy use of the phone. For more detailed information read through the user guide.
- **Before using your phone:** With the battery removed, insert the SIM card, then insert the battery and charge it. Switch on your phone by pressing and holding . For details, see “Getting Started”.
- **Turning Your Phone On and Off**
To switch the phone on or off press and hold .

PIN Code


- The PIN (Personal Identification Number) protects your phone and SIM card against unauthorized use.
- With your SIM card inserted, your PIN code will be required every time you switch on your phone.
- If a wrong PIN code is entered three consecutive times, the phone becomes locked or disabled. You need ask network service provider to use the PUK code to unlock or enable the phone again.

Making and Answering Call

Making call

- Ensure that the phone is on, the network operator name is displayed and the signal strength meter shows network coverage is available in the current area.
- Enter phone number include area code you want to dial. If you key in wrong character, press **Clear** to delete it.
- Press  to call the number.
- Press  to end the call or to cancel the call attempt.

Answering call

- To receive a call, the phone must be switched on and the signal strength meter must be displayed.
- Press  to answer a call.

Reject call


Press  to reject the call when the phone is ringing.

Ending Call

Press  to end a call

QUICK START GUIDE

Call Emergency Number

You can place emergency calls (dial 112 and press ) even if your phone is locked or your account is restricted.

Missed call Notification

When an incoming call is not answered, the Missed call log is displayed on your screen.

To display the Missed call entry:

- Select the entry and press  to read call detail.

Lock/Unlock Keypad

In the Idle mode:

- Long press  to lock keypad.
- Press  then  to unlock keypad.

Camera

The phone provides a built-in camera. The camera can use for taking pictures. User can attach taking picture as wallpaper or Screen saver in Idle mode. For detail, see "Multimedia/Camera".

Listening Music and FM Radio

User can enjoy favorite music and FM radio anywhere and anytime. For detail, see "Multimedia/MP3 player/FM radio".

Multimedia Message Service

The Phone is able to send multimedia messages composed of text and a picture, and to receive messages containing text, a picture, and sound. You can save the pictures and ringing tones for personalizing your phone. For detail, see "Messages / Multimedia message".

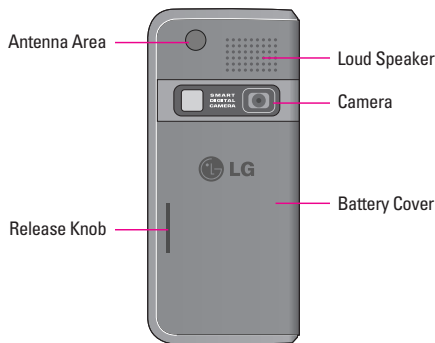
General Packet Radio Service (GPRS)

GPRS technology allows mobile phones to send and receive data over a mobile network and access data networks like the Internet.

GPRS uses a technology call packet data. Data files are sent in short bursts over the mobile system instead of in a continuous stream. This way, the system is busy only when sending or receiving data. Because GPRS uses the system more efficiently, data connections are set up quickly and data is transferred at faster speeds.

UNDERSTANDING YOUR PHONE

Front / Back view of Phone



UNDERSTANDING YOUR PHONE

Key Function List

A. Power/End key

Switch phone on and off. Also, ends a call or Exit from any function and back to Idle mode.

B. Selection Key

The function of the keys depends on the text shown on the display above the keys. For example, Menu and Contacts in Idle mode.

C. Navigation Key

Use for quick access to phone functions in Idle mode.

- Up key: Access to the **Favorites** menu.
- Down key: Access to the **Contacts** list.
- Left key: Access to the **Profiles** menu
- Right key: Access to the **Messages** menu

Scroll through names and numbers stored in the contacts or through the phone's menus, submenus, and option list.

D. Send/Answer Key

- Make and answer calls; press in Idle mode to see recent dialed calls.
- 0-9 input number and character.



E. Left Side Key

Adjust handset volume.

F. MP3 Play Key /MP3

The shortcut to enter MP3 player in Idle mode. For detail, see also "MP3 player".

Idle Screen

When the phone is on, and you have not keyed in any characters, the phone is in Idle mode.



1. Top of the screen shows essential indicators.
2. Next line displays the operator name.
3. In the screen right and left side shows time/date information.
4. To enter **Menu** press left selection key.
5. To enter **Contacts** press right select key.

Main Menu





















Menu functions including:

- | | |
|------------------|---------------|
| 1. Profiles | 6. Multimedia |
| 2. Call register | 7. My stuff |
| 3. Tools | 8. Browser |
| 4. Organizer | 9. Settings |
| 5. Messages | |

UNDERSTANDING YOUR PHONE

Essential indicators

	Indicates signal strength and alternate line service.
	Shows handset current battery charge strength.
	Indicates the phone keypad is locked.
	Indicates the profiles alert type is Ring.
	Indicates the profiles alert type is vibration.
	Indicates the profiles alert type is vibration and ring.
	Indicates the profiles alert type is vibration then ring.
	Indicates the profiles alert type is silent.
	The Alarm clock is set on.
Rm	Indicates "roaming".

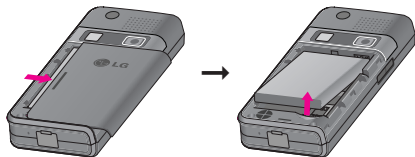
	Indicates missed call.
	Indicates Broadcast set on.
	Indicates new text messages.
	Indicates new multimedia messages.
	Indicates push message.
	Indicates call diverted is set on.
	Indicates GPRS is connected.
	Indicated loud speaker turn on/off.
	Indicates earphone plug in

GETTING STARTED

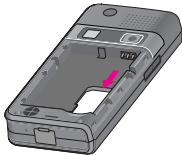
SIM Card and Battery Information

Insert SIM card

- The SIM is inserted into the back of the phone underneath the battery.
- Press the knob and slide the battery cover off. Remove the battery.

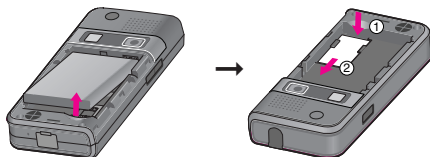


- Place the card inside the SIM card holder such that the golden connectors are facing downwards. Push SIM card in to the socket.



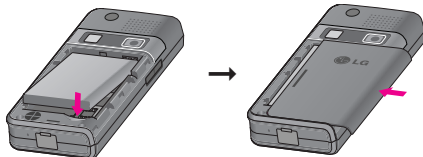
Remove SIM card

- With the battery removed, press SIM card in the direction of arrow ①, then slide the SIM card in the direction of arrow ② to remove the SIM card sliding it lightly.



Insert battery

- Slide the battery into the cradle and press the battery down flat.
- Place the back cover and slide it into place.



GETTING STARTED

Charge battery

- Connect the USB cable to the power jack on the bottom of your phone.
- Connect the charger to an AC wall socket. The charging icon is displayed briefly if the phone is switched on. If the battery is completely empty, it may take a few minutes before the charging indicator appears on the display or any calls can be made.

! Warning:

If the battery is totally empty, charging icon or LED is not on. Therefore, you should charge the battery maximum up to 7 minutes.

Personalizing your Phone

Setting clock

Within the Settings menu you can set the phone to display the clock in the Idle mode and choose whether to use 12-hour or 24-hour format.

Setting display language

In the **Settings** menu you can select the language in which the display texts are shown.

Setting standby note



Within **Standby note** menu you can write a text, which is displayed in the Idle screen.

Activating a profile

To access the list of profiles through the menu, press **Menu**, then use Navigation key scroll to **Profiles** and press **OK**. Press **Option** key to activate the certain profile and press **OK**.

Personalise profile


- In the Idle mode press **Menu**, then use Navigation Key to access **Profiles**.
- Choose Profiles from list of profiles, **General**, **Vibrate only**, **Silent**, **Outdoor**, and **Headset**. Press **Option** to personalise it.
- After choosing profiles, select **Personalise** press **OK**. Select the setting you want to personalise, you can personalise the following settings of the selected profile:

- **Tone setup:** to set the ringing tone type for incoming call or others.
- **Volume:** to set the volume level for the ringing and keypad tones.
- **Alert type:** to define how the phone notifies you when receiving an incoming call. The options are: **Ring, Vibrate, Ring & Vib., Ring after Vib., Silent and Beep once.**
 - When alert type is set to Vibrate or Silent, no ringing tone will be heard and  or  is displayed when the phone is in the Idle mode.
- **Answer mode:** to set send key or any key or auto (headset mode only) to answer an incoming voice call on or off.
- **Extra tone:** to set the **Warning, Error, Camp on, Connect On or Off.** For example, when set to on, the phone sounds a warning tone when the battery is running out of power.
- **Light:** user can define handset light options.

Tips for Call Options

- A call can be connected to any single caller by pressing Option key. When user press Option key during active call, user can choose one of those functions from the list:
 - Hold: hold a call on.
 - Retrieve: reconnect a holding call.
 - Retrieve all: reconnect all holding call.
 - Swap: switch between the call on hold and active.
 - Conference: make a multi-party conversation.
 - Transfer: transfer a call.
 - Spilt: to suspend the multi-party call.
 - End single: end one of conference call.
 - End all: end a multi-party call.
 - End: End a call.
 - Mute/Unmute: mute the call during the conversation.
 - New call: make a new call during an active call.
 - Contacts: shortcut to contacts menu.
 - Text message: shortcut to Message menu.


GETTING STARTED

- Voice recorder: start recorder conversation.
- DTMF: set On / Off for Dual Tone Multi-Frequency tone dialing system.
- **Adjust volume during a call**
During an activate call, press left side key to adjust volume. If the Loudspeaker is activated, use left side key adjust volume also.
- **Loudspeaker**
Loudspeaker mode let handset act as loudspeaker during a call. Do not hold the handset to your ear if loudspeaker mode on. To activate/deactivate the loudspeaker during a call, press  H-free/H-held, the single will show on the screen. The loudspeaker is automatically deactivated when you end the call or call attempt or connect the headset to the phone. The loudspeaker is default setting for playing MP3, voice recorder.

! Note


Using FM radio, user should plug in headphone; FM radio does not support loudspeaker function.

• Hold a call

Pressing  and selecting Hold allows you to put an active call on hold. This feature can be used when an incoming call is received during an active call or if you want to make another without disconnecting the active call.




• Make a new call during a call

You can dial a number during a call without disconnecting the active call.

- Press  and select **Hold** to put an active call on hold then press **Option** select New call. Make a new call by keying new number.
- Press Option and select Swap, new number will go on hold, old number will be active and vice versa.
- You can also select record from contacts, after select New call, press Back to option list and choose Contacts.

• Multiparty call

- You can connect to several people together or individually at a time.
- Make a call to the first participant.

- Call the second participant as explained in **Make a new call during a call**.
 - Press  and select Conference. This joins the calls to the conference.
 - Repeat step 2 and 3 to allow new participants to be connected to the Conference.
 - Press **Option** and select **End all** to end the call. Or press .
 - Any call (participant) can be disconnected by press **Option** key and select **End single**.
- **Call waiting**
 - Press Options key. The first call is put on hold.
 - To switch between two calls, press **Option** and choose **Swap**.
 - To end the active call press . (Or to end both calls at the same time. Press **Option**, move to End all calls. and press **OK**.)

USING THE MENU

Navigating Functions

By scrolling

- To access the menu press **Menu**.
- Scroll with $\overline{\Delta}$, $\overline{\nabla}$, $\overline{\leftarrow}$, $\overline{\rightarrow}$ through the menu and select for example, **Organizer** by pressing **OK**.
- If the menu contains submenus, select the one that you want. For example, **Contacts**.
- If the selected submenu contains further submenus, repeat above step. Select the next submenu, for example, **View**.
- Select the setting of your choice.
- Press **Back** to return to the previous menu level and **Back** the menu.

By numbering

After entering **Menu**, you can access menu and submenu items by using their matching number.

For example: Press $\overline{9^{text}}$ then $\overline{2^{text}}$, you can access **Display setup**.

Writing Text

Typing method

- You can enter text for example, in contacts or writing messages, by using the **Multitap** or **T9** text input mode.
- T9 text input mode is based on a built-in dictionary. When you writing text, you can key in any letter with a single key press. The word changes after each keystroke.
- When you are writing text, press $\overline{H \rightarrow}$ either to change input mode.
- The typing method is indicated by one of the following item: $\overline{T9}Abc$, $\overline{T9}abc$, $\overline{T9}ABC$, **123**, **Abc**, **abc**, **ABC**
(For detail information about text input mode, see table below.)

■ Text input mode

$\overline{T9}Abc$	T9 Abc (T9 English input mode)
$\overline{T9}abc$	T9 abc (T9 English input mode)
$\overline{T9}ABC$	T9 ABC (T9 English input mode)
123	Numeric
Abc	Multitap Abc (Traditional input mode)
abc	Multitap abc (Traditional input mode)
ABC	Multitap ABC (Traditional input mode)

- You can change the character case by pressing **[H→A]** and you can change between the letter and number mode by pressing **[H→N]**.

Using traditional text input

- Press a number key **[1-9]** to **[9→*]**, repeatedly until the desired character appears. The characters available depend on the language selected in the **Settings** menu, **Language**.
- To input next letter you want, is located on, the same key as the present one, wait until the cursor appears.
- The most common punctuation marks are available under the number key **[1-0]**.

Using T9 text input

T9 input mode is only available for the modes and languages on the method list. You can key in any letter with a single keypress. The T9 text input is based on a built-in dictionary.

- You can select T9 languages by selecting menu by press **Option** into list, or in the editor screen long press **[*→G]** enter T9 languages option. In T9 menu, you can also select T9 off function.

Note

The handset default setting for T9 languages is T9 on.

- Start writing a word by using the keys **[2→A]** to **[9→I]**. Press each key only once for one letter. The word changes after each keystroke.
- Example: To write **HAPPY** when the predictive test mode is selected, press **[4→H]** once for H, **[2→A]** once for A, **[7→P]** once for P, **[7→P]** once for other P, and **[9→I]** once for Y.
- When you have finished writing the word and it is correct, confirm it by pressing Navigation, right key. Pressing **[0→S]** by adding a space to move the cursor.
- Start writing the next word.

Tips for writing text

- To insert a space, press **[0→S]**.
- To move the cursor to the left, right, down or up, press the Navigation key.
- To delete a character to the left of the cursor, press **Clear**. Press and hold **Clear** to delete all characters more quickly.
- To insert a special character, press **[*→G]** to get the table with special characters, and then press **OK** back to message.

LISTING OF FUNCTIONS



Profiles [Menu 1]

1. General
2. Vibrate only
3. Silent
4. Outdoor
5. Headset



Call register [Menu 2]

1. Missed calls
2. Dialed calls
3. Received calls
4. Delete call log
5. Call time
6. Call cost
7. Text message counter
8. GPRS counter



Tools [Menu 3]

1. Alarm
2. Favorites
3. Calculator
4. Units converter
5. World time
6. BMI
7. Pink schedule



Organizer [Menu 4]

1. Contacts
2. Calendar
3. To do list

**Messages [Menu 5]**

1. Text message
2. Multimedia message
3. Chat
4. Voice mail
5. Broadcast

**Multimedia [Menu 6]**

1. Camera
2. MP3 player
3. FM radio
4. Photo gallery
5. Voice recorder

**My stuff [Menu 7]**

1. Java
2. Games
3. File manager

**Browser [Menu 8]**

1. SIM service
2. WAP
3. Data account

**Restore settings [Menu 9]**

1. Date & Time
2. Display setup
3. Language
4. Call setup
5. Network
6. Security setup
7. Restore settings

PROFILES

Within the Profiles menu, you can adjust and personalise the phone tone for different events and environments.

Activate

In the Idle mode, press **Menu** and select **Profiles** and press **OK** to access the list of profiles.


Use Navigation Key to select the profile. Press **Option** to activate and personalise the profile.

Personalise

Within Profile submenu, there are following profiles.

- **General**
- **Vibrate only**
- **Silent**
- **Outdoor**
- **Headset**

Select **Activate** and press **OK**.

In the Idle mode, when Head phone is unplugged, you can hold and pressing the  to change profiles to Vibrate only mode quickly and easily.

Select the **Personalise** you want to customize (for example, Tone setup, Alert type, Light etc) and press **OK**. Choose to desired option and press **OK**.

Profile Settings

Once you have selected the setting **Personalise**, you can customize the following settings of the selected profile:

- **Tone setup**
 - Ringtone: to define how the phone notifies you of an incoming voice call.
 - Power on: to define how the phone notifies you of switching phone on.
 - Power off: to define how the phone notifies you of switching phone off.
 - Message tone: to define how the phone notifies you of receiving a message.
 - Keypad tone: to set any one of the options and the active one is highlighted.
- **Volume**
 - To set the volume level for the ringing and keypad tones.

- **Alert type**

To choose the phone how to notify you for incoming calls and receiving a message.

The options are: Ring, Vibrate, Ring & Vib., Ring after Vib., Silent and Beep once

- **Answer mode**

To set the phone answer an incoming voice call by press Send key or Any key.

Only when user chooses Headset mode, the answer mode have three options Send key, Any key and Auto.

- **Extra tone**

To set the Warning, Error, Camo on and Connect On or Off. For example, when you set Extra tone to on, the phone sounds a warning tone when the battery is running out of power.

- **Light**

- LCD backlight: to set backlight flash time period.

- ;- Status LED: you can recognize the network status by indicator light, it flicker define colors when the service is available. The LED will flash color when handset in different status. For example: receiving call or message.

- Keypad backlight: to turn on/off the keypad backlight

Rename

You can change the name of selected profiles. To rename a selected profile, within selected profile submenu, select “Rename”.

CALL REGISTER

Missed calls [Menu 2-1]

Within the submenu you can view the phone numbers from which somebody has most recently tried to call you.

In the list of missed call press **OK** to display call information.

In the Call info. press **Option**, you can

- Delete
- Dial
- Edit
- Send text message
- Send multimedia message

Dialed calls [Menu 2-2]

Within the submenu you can view the numbers from which you have most recently call or attempted calls.

- Press **OK** to display call information.
- In Idle mode, press  enter Call logs.

In the Call Info. press **Option**, you can

- Delete
- Save to contacts
- Dial
- Send text message
- Send multimedia

Received calls [Menu 2-3]

Within the submenu you can view the numbers from which you have most recently accepted calls.

- Press **OK** to display call information.

In the Call Info. press **Option**, you can

- Delete
- Save to contacts
- Dial
- Edit
- Send text message
- Send multimedia

Delete call log [Menu 2-4]

In this submenu, Press **OK** to display

- Missed calls
- Dialed calls
- Received calls
- Delete all

Press **OK** to delete it.

Call time [Menu 2-5]

This function records the length of time or duration of all incoming and outgoing calls in hours, minutes and seconds.

- Last call: Display last one outgoing call in hours, minutes and seconds.
- Dialed calls: Display the time for all outgoing calls in hours, minutes and seconds.
- Received calls: Display the time for all incoming calls in hours, minutes and seconds.
- Reset all: Clear the time records.

Call cost [Menu 2-6]

This network service allows you to check the cost of your last call or all calls. The call costs are shown separately for each SIM card.

- **Last call:** you can set the phone to show the cost of last call. You may need the PIN2 code to select the currency or unit. Contact your service provider for charging unit prices.
- **All calls:** you can set the phone to show the remaining talk time in terms of charging units or units of currency by using this option. You may need the PIN2 code to select the currency or unit. Contact your service provider for charging unit prices.
- **Max cost call:** you can limit the costs of your calls to a certain amount of charging units or units of currency by using this option. You can make and receive charged calls as long as the specified cost limit is not exceeded. The number of remaining units is shown in the idle mode. You may need the PIN2 code to set the **Max. cost**.
- **Reset cost:** this option allows you to reset the call cost counter. You may need the PIN2 code to clear your setting.

CALL REGISTER

- Price per unit: this is the cost that the Service Provider charges for one unit of call time. At this point you will be asked to enter your PIN 2 code to set this function.

Text message counter [Menu 2-7]

This function can show you how many text message you already sent and received.

GPRS counter [Menu 2-8]

With the data counter you can check the amount of data sent and received data in last session data sent and received in total and to clear the counters. The counters unit is a byte. To reset counter, answer “Yes” when confirm window show up.

Alarm [Menu 3-1]

The alarm clock uses the time format set for the clock.

Press **Menu**, select **Tools** and **Alarm**, press **OK** to enter submenu of Alarm.

To set the alarm, press **Edit** and set on the alarm, key in the alarm time.

You can repeat the alarm, Once, Mon-Fri, Mon-Sat and Everyday.

Press **Stop** to stop the alarm. If you let the phone continue to alarm for a minute or press **Snooze**, the alarm stops for about 4 minutes and then resumes.

If the alarm time is reached while the phone is switched off, the phone switches itself on and starts sounding the alarm tone, if you press **Stop**, the phone ask whether you want to active the phone, Power on? Press No to switch off the phone or Yes to switch on the phone.

Favorites [Menu 3-2]

The Favorites screen displays 13 favorites items set by the user.

You can edit some specific functions to the default list for your personal favorites list and activate them.

Within Favorites menu, turn **On / Off** from the function list.

The phone offers you an extensive range of functions which are grouped in menus and submenus. From Idle mode the favorites menus can be accessed by press Navigation key direction up $\overline{\Delta}$.

For some reason, if user turn **Off** all favorites functions before, when user press Navigation key direction up $\overline{\Delta}$ in the Idle mode, handset will show 'edit favorites message' to remind user.

Calculator [Menu 3-3]

You can use your phone's calculator to add, subtract, multiply and divide.

Press **Menu**, select **Tools** and **Calculator**, press **OK**.

With the screen showing a "0", enter the first number in the calculation.

Use Navigation key $\overline{\Delta}$, $\overline{\nabla}$, $\overline{\times}$, $\overline{=}$ to add, subtract, multiply and divide.

Press **OK** to get the result.

Press **Clear** to start the new calculation.

TOOLS

Units converter [Menu 3-4]

In the Unit converter submenu, choose converter Weight, Length or Currency.

You can convert Kg units expressed in Pound units and Ounce units.

Within Length converter, you can select.

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

Enter the number unit to be converted and press **OK**.

Within Currency converter, you setting the exchange rate first. Once in the Currency converter menu, press **OK**. Enter Exchange rate and press **OK**.

Input currency

- Before you input currency, you need select foreign unit expressed in domestic units or domestic units expressed in foreign units, depending on how you wish to convert the currency.
- Enter the amount to be converted, press **OK** to get the converted amount.

World time [Menu 3-5]

The screen shows the city name, current date and time.

Use Navigation key to choose the city and check the local time, press **OK**.





If you want to change the time display in Idle mode to the selected time, press **OK**.

- The time zone setting of each city in world time menu may be affected by network condition.

BMI (Body Mass Index) [Menu 3-6]

In this submenu, you can check your BMI value in relation to your height and weight.

To calculate the BMI value proceed as follows:

Select your gender, Male or Female, use Navigation key direction , , ,  select it.

- Enter your height in centimeters using the numeric keys. Enter your weight in kilos using the numeric keys and press **OK**.
- The phone calculates your BMI ratio value and display the result.

Pink schedule [Menu 3-7]

Using this feature, user can enter information on menstrual cycle and determine the:

- Probability of becoming pregnant on the current date
- Period during which it is possible to become pregnant date of next period
- To check your menstrual cycle, enter the starting date of your last period
- Enter the average length of your menstrual cycle and press the **OK** key
- To get detail information, select one of highlight date and press **OK** to display pregnant probability.

Note

This Schedule may not fit to your physical condition.
Therefore, use the Pink schedule just for reference.

ORGANIZER

Contacts [Menu 4-1]

Search [Menu 4-1-1]

You can search contacts by name characters or number.

Name and **Number**, allow you key in the first characters of the name or number for which you are searching in the editor screen, press **Search** the match recorder will be shown.

To input or edit a searched item, press **Option** key to enter into the submenu.

- You can select **View**, **Edit**, **Delete**, **Copy**, **Move**, and **Send vCard** an entry.

Add new [Menu 4-1-2]

- It is possible to store phone numbers in two places:
 - In the SIM card.
 - In the Phone.
- To store a Number in the SIM card:
 - In main menu, select Organizer, Contacts, and select Add new. You can store 255 entries (Maximum) in your SIM card for name and telephone number. See also "Writing Text".

(The number of store entries in SIM card, it may be different depend on your SIM card service provider.)

- Then select To SIM, press OK.
- Enter the name, number and caller group, press **OK**.

- To store a Number in the Phone:

- In main menu, select Organizer, Contacts and select Add new. You can store 500 entries in your phone for name and telephone number.

- Then select To Phone, press OK.

- Enter the name and number, press OK.

The phone's internal contacts allows you personalise individual record, such as home number, company name, Email address, office number, Fax number, picture, Ring tone and assign to **Caller group**.

- For each number or text item you can choose: Name, Number, Home number, Company name, Email address, Office number, Fax number, Picture, Sound and **Caller group**.

View [Menu 4-1-3]

It is possible to display all individual names and phone number in the name list.

Press **Option** key to access these function:

- **View**

Displays each element of the selected entry. Use Navigation Key $\overline{\Delta}$, $\overline{\nabla}$, $\overline{\leftarrow}$, $\overline{\rightarrow}$ to display the next or previous element of the entry. Each element may be edited.

- **Edit**

Displays the entry allowing you to make changes as required.

- **Delete**

Delete an individual entry from the contacts.

- **Copy**

Copy an individual entry to SIM memory or Phone memory. The record is both saved in SIM and Phone's memory.

- **Move**

Move an individual entry from SIM to Phone or Phone to SIM. The record only display in one place, SIM or Phone.

- **Send vCard**

To send a vCard, search for the name and phone number that you want to send from contact list. Press **Option** and select **Send vCard** and press **OK**, the vCard options have:

- Send by SMS: to send the vCard as text message, if the network supported it.
- Send by MMS: to send the vCard as multimedia message, if the network supported it.
- Save to file: save vCard in File manager.

Delete all [Menu 4-1-4]

You can remove name and phone numbers from selected contacts all at once.

In the **Contacts** Menu, select **Delete all** then press **OK**.

- Choose delete **From SIM**, **From phone** or **One by one**, then press **OK**. If user want to delete all phone or SIM records, user need to enter phone code first and press **OK**.



Note

The default phone code is 0000.

- If user delete record one by one, first, select the record want to deleted, then press Delete. Press **Yes/No** at **Delete?** popup text display. You can view and edit personal phone number.
- You can view and edit personal phone number.

ORGANIZER

Copy all [Menu 4-1-5]

You can copy all names and phones number from the phone's memory to SIM card's memory or from SIM card's memory to phone's memory.

You can also copy or move one contact record from phone's memory to SIM card's memory or from SIM card's memory to phone's memory.

Caller groups [Menu 4-1-6]

You can set the phone to sound a specific ringing tone and flash a selected graphic on the display when you receive a call from a particular name and phone number. To do this, first include a name and number in a caller group. Then define a ringing tone and Picture/Animation for this group. If you want to activate this function, please store names and phone numbers in the phone memory.

After entering the Caller groups menu, Use Navigation Key to change **Group name**, **Ring tone**, **Picture**, **LED pattern** and **Member list** for each group.

Group default name include: **Business**, **Family**, **Friends**, **VIP** and **Others**. After each setting, press **OK** key

Settings [Menu 4-1-7]

• Own number

You can view and edit personal phone number. To set on this function, see also "Display item/Own number".

• Service dial number

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

The phone number pointed to can only be recalled or dialed.

• Speed dial

In this function, you can make a call by using the speed dialing keys.

You can set any of the numbers key **[2-9]** to **[9-1]** to work as a speed dialing key. To do this you need to assign a contacts record to a number key.

Select **State** and select **On/Off** the function

Select **Set number** and select records from contacts then press **OK**.

After assigning a number to a speed dial key, you can call, reassign the record or undo the speed dial.

When a phone number is assigned to one of the speed dialing keys ([2-9]), you can call the phone number in the following ways:

- If you have set the menu function **Speed dial** to on, press and hold to corresponding speed dialing key until the call is started.
- **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.
- **Preferred storage**
You can choose where you want to save the name and phone number. Select **SIM** or **Phone** and press **OK**.
- **Fields**
The phone allows you to personalise the contacts looking. In the Setting submenu, selected Fields and choose the item you want to display or not.
 - Home number
 - Company name
 - Email address
 - Office number
 - Fax number

- Picture
 - Sound
 - Caller group
- Press On / Off key.

• **My vCard**

You can edit personal vCard in the handset. Also, you can send vCards to your friends that numbers save in the contacts list.

Edit my card

In the My vCard submenu, select Edit my card enter the information for your vCard then press Save.

Send my card

- In the My vCard submenu, select Send my card and select transfer method
- Send by SMS
- Send by MMS
- Save to file

Search by

You can set the phone to search by name or number, when you search the **Contacts**. If you select **Variable**, the phone will ask how to search when you search the **Contacts**.

ORGANIZER

Calendar [Menu 4-2]

- You can use the phone's calendar to keep track of reminders, calls you need to make, meetings and birthdays. You can set the calendar to sound an alarm when it's time for you to go to a meeting.
 - Press **Menu**, select **Organizer**, then **Calendar**. Press **OK** to the options list; you can **Add appointment**, **View**, **Go to date**, **Set holiday**, and **Delete all**.
 - If you want to add new appointment, within the calendar submenu, use Navigation key move to the day you want or use **Go to date** option. The current day is indicated with a frame around the day. If there are any appointments set for the day, the day is frame. To view the appointments, press **OK** to **Edit** and **Delete**.
- The task view allows you to view the details of the select task. You can move through the task.
 - When setting time is coming, the alarm notification is enable, the phone will remain user his activities.

To do list [Menu 4-3]

- In this function, you can **Add appointment**, **Edit task**, **Reminder tone**, **Delete task** and **Delete all** the list of tasks. You can also select and view a single task. More detail information about writing text see also "Writing Text".

MESSAGES

Within the Messages menu you can receive, display, edit, send and/or save text message up to 2295 characters.

Setting the Phone for Text message

Before you can send a text message, it is necessary to ensure the Message center number is already set in Service center. (Your service provider will supply the message center number.) The Message center number may have been preprogrammed on SIM.

Setting the Message Centre Number

Within **Text message** submenu, select **Settings, Service center**. Select one profile and enter message center number in international number format. (the profile shall be activated.)

Text message [Menu 5-1] (Short Messaging Service)

Write message [Menu 5-1-1]

For detail information about how to write text in the phone, see also "Writing Text".

In the **Option** list of writing message, you can select **Alignment**, and **New paragraph** in the **Format text**.

You can add pictures, animations, melodies and sound effects to a text message and format the text using EMS (Enhanced Messaging Service).

In the message press **Option** key, select **Insert object**.

The Object list are: Picture, My picture, Predefined animation, My animation, Melody, My melody and Predefined sound

After choosing, press **OK**.

The phone allows you to use templates insert into the message when you write. Within Write message submenu, press **Option** and select **Use templates**. You can choose templates from the list.

To send the message, press **Option** select **Done** to choose choose send options: **Send only**, **Send and save**, **Save**, **Send to many**, **Send to group** and press **OK**. Then enter the phone number (or recall it from the contacts) and press **OK** to send the message.





You can choose **Send and save** and **Save** option that the sent message is stored in the **Outbox** folder.

- The options list includes option for **View**, **Delete** and **Delete all**, the message you are writing.

MESSAGES

Inbox [Menu 5-1-2]



To check an unread message later:

- From **Text message** menu selects **Inbox** press **OK**.
- Move to desired message and press **OK** to read it. The message is stored in the Inbox folder after you have read it.
-  or  icon indicate whether a message is read or unread in front of the message in the list.
-  or  icon indicate whether a message is illegal message format or broken message which can not be displayed in the Message body screen.
- While reading the inbox list, press **Option** to select through the list of options and press **OK** at the highlighted option to select it. The option list includes options for **View**, **Delete** and **Delete all** the message(s) you are selected.
- The option list includes options for **Reply**, **Edit**, **Forward**, **Detail**, **Chat**, **Use number**, **Save objects** and **Extract URL** the message you are reading.

Outbox [Menu 5-1-3]

From Text message menu selects Outbox Press **OK**.

Move to the desired message and press **OK** to view it.

-  or  icon indicate whether a sent message or unsent message.
- While reading the outbox list, press **Option** to select through the list of options and press **OK** at the highlighted option to select it. The option list includes options for **View**, **Delete** and **Delete all** the message(s) you are selected.
- The option list includes options for **Send**, **Edit**, **Detail**, **Use number**, and **Extract URL** the message you are reading.

Templates [Menu 5-1-4]

In this function, the phone allows you to edit and erase the templates.

From the templates list, press **Option** key to edit or erase template message.

Settings [Menu 5-1-5]

There are five kinds of message settings in your phone, **Service center**, **Common setting**, **Memory status**, **Preferred storage**, and **Preferred bearer** to all text messages.

A message service center is a group of settings need for sending text messages. The phone uses the **SC name**, **SC address**, **Valid period** and **Message type** under the **Settings** menu as a default message profile if you don't select another set when sending a message.

• Service center 1&2 [Menu 5-1-6]

- If more than one message service center is supported by your SIM card, select the one you want to use. The number of service center depends on your SIM card.
- Within the Service center submenu of the **Settings** you can change the settings of a particular message Service center include:
 - SC name: Within this field you can input the message centre name.
 - SC address: Within this field you can input the message centre number.

- Valid period: This is the duration that your message is stored at the message centre. Delivery attempts will be repeated until the message has been delivered or expired.

The option of length of time has: 1 hour., 12 hours., 1 day., 1 week., Maximum

- Message type: You can select four kinds of message type with text message.
The option of type has: Text, Fax, Page and Email.

• Common setting [Menu 5-1-7]

- The following message settings under the **settings** menu are common to all outgoing text messages, irrespective of the selected set.
- Delivery report: User can turn **On** or **Off** this function if user want to receive delivery report from service provider or not.
- Reply path: Also, user can choose to use the same service center as the received message to reply or not.

• Memory status [Menu 5-1-8]

- You can check what percentage of the phone's internal memory is unoccupied and how messages can still be stored in SIM card's or Phone's memory.
- The phone will show message to remind user if SIM card and Phone set both out of memory.

MESSAGES

- **Preferred storage [Menu 5-1-9]**

- You can choose where you want to save the message depend on memory status.
- If either one of storage locations, SIM card or Phone, already full, the phone will automatically save information to another.
- Select **SIM** or **Phone** and press **OK**.

- **Preferred bearer [Menu 5-1-0]**

The **Preferred bearer** settings to set the settings for selected bearer.

The Bearer list are: **Prefer GPRS**, **Prefer GSM**, **GPRS Only** and **GSM Only**

Multimedia message [Menu 5-2]

Note

This function can be used only if it is supported by your network service provider. Only phones that offer compatible multimedia message features can receive and display multimedia messages.

A multimedia message can contain text, sound and picture. Each contain including media object, sound and picture, the maximum size can not exceed 90 KB, also the phone supports multimedia messages that are total up to 100 KB in size. If the maximum size is exceeded, the phone may not be able to receive the message. Depending on the network, you may receive a text message that includes an Internet address where you can view the multimedia message.

- Multimedia messaging supports the following formats:

- Picture: GIF, BMP and JPEG.
- Sound: MIDI (SP-MIDI), AMR, iMelody audio and monophonic ringing tones.

- The phone does not necessarily support all variations of the aforementioned file formats. If a received message contains any unsupported elements, they may be replaced with the file name and the test Object format not supported.

Write message [Menu 5-2-1]





- For detail information about how to write text in the phone, see also “Writing Text”.

- To enter a name from the contacts, press **Edit** and select **Add number** or **Add E-mail** then search insert desired number and email.
- Scroll to **Content**, press **Edit** enter **Option** list of multimedia message writing message. You can select **Add text**, **Add image**, **Add audio**, **Add attachment** and **Templates**.
- To insert a file in the message, scroll to **Add attachment** option then press **OK**. Press **Open** to link a specific folder in **File manager** and scroll to the desired file, press **OK** and **Done**. An attached file is indicated with the file name in the message.
- The handset supports the sending and receiving of multimedia message that contain several pages (slides). Each slide can contain text, one image and one sound clip.
- The phone allows you to use templates insert into the message when you write. In the editor screen, scroll to **Edit content**, press **Edit** enter **Option** list of multimedia message writing message and select **Templates**. You can chose templates from the list.
- To send the message, press right soft key.

- You can choose **Save and send** and **Save to drafts** option that the sent message is stored in the Outbox and Draft folder

Inbox [Menu 5-2-2]

To check an unread message later:

- From **Multimedia message** select **Inbox** press **OK**.
- Move to desired message and press **OK** to read it. The message is stored in the Inbox folder after you have read it, press **Options** and then select **View**.
-  or  icon indicate whether a message is read or unread in front of the message in the list.
-  or  icon indicate whether a message is illegal message format or broken message which can not be displayed in the message body screen.
- While reading the message, press **Options** to select through the list of options and press **OK** at the highlighted option to select it.
- The **Inbox** option list includes options have **View**, **Properties**, **Reply**, **Reply to all**, **Forward**, **Delete**, **Delete all**, **Use number** and **Extract URL**.
- For reading message the options are:
Play, **Save image as** and **Save audio as**

MESSAGES

Outbox [Menu 5-2-3]

To read and send Multimedia message

- From **Multimedia message** select **Outbox** move to desired message and press **Options** to read it.
- The **Outbox** option list includes options have **View, Properties, Send to others, Delete, Delete all, Use number** and **Extract URL**.
- For options of the message you are reading are: **Save, Save image as, and Save audio as**

Drafts [Menu 5-2-4]

To finish or view a draft message:

- From **Multimedia message** select **Drafts** move to desired message and press **Options** to read it.
- The **Drafts** option list includes options have **View, Properties, Send, Edit message, Delete, Delete all, Use number** and **Extract URL**.

Templates [Menu 5-2-5]

- In this function, the phone allows you to **View, Properties** and **Write message** when use the templates.

- From the templates list, press **Option** key to select template message.

Settings [Menu 5-2-6]

- The following message settings under the **Multimedia message Setting** menu. It includes **Send, Retrieval, Filters, Edit profile** and **Memory status**.
- Within the **Settings** submenu of the **Multimedia message** you can change the settings of a Multimedia message sending option
- Sending:
 - Validity period: This is the duration that your message is stored at the message centre. Delivery attempts will be repeated until the message has been delivered or expired.
The option of length of time have: Max., 1 hour, 12 hours, 1 day and 1 week.
 - Send report: User can turn **On** or **Off** this function if user want to receive delivery report from service provider or not.
 - Read report: User can turn **On** or **Off** this function if user want to receive report from service provider or not.

- Priority: User can choose message priority; the options have **Normal**, **High**, and **Low**.
- Slide timing: User can set slide timing by own desire. The maximum value of the time is 60 seconds.
- Delivery time: **User can set the time of message delivery.**
- Retrieval:
 - Home
The option of home network have: Immediate, Delayed and Restricted
 - Roaming
The options of roaming network have: As home, Delayed and Restricted
 - Read report
The option of read report have: On request, Send and Never send
 - Send report
User can turn On or Off this function to ask the network to send delivery reports about your message.
- Filters:
 - Anonymous
The option of anonymous have: Reject and Allow
 - Max Size
Set multimedia messages size by user, the maximum value is 100
 - Ads. (Advertisement)
The option of advertisement setting have: Reject and Allow
- Edit profile:
You may use network or service provider to receive and send multimedia message. To edit Profile detail setting, see Edit profile under WAP/ Settings of Browser.
- Memory status:
You can check what free space of the phone's internal memory is unoccupied and how messages can still be stored in SIM card's or Phone's memory.
The phone will show message to remind user if handset out of memory.

Chat [Menu 5-3]

Chat is a way of sending short, simple text message. You send your message to different person in the same time via Chat room 1&2.

MESSAGES

Starting a chat message

- Enter the Chat menu, select Chat room from the list
- Press **Option** enter chat room submenu, you can see
 - Chat room info
 - Press OK to enter name that you want to use during chatting and number
 - Press Yes when confirm save message showup.
 - Start new
 - Go to Start new and press OK to write chat message

Voice mail [Menu 5-4]

Voice mail is a network service and you may need to subscribe to it first. For more information and for the voice mail number, contact your service provider. Press **Menu**, and select **Messages** and **Voice mail**.

- Each phone line may have its own voice mailbox number.
- Within **Voice mail** submenu, choose phone line 1 or 2.
 - The option are:
 - Edit: general number editor.
 - Erase: erase the voice mail number.

- Connect to voice: user can dial the voice mail server number to listen voice mails.
- Choose the option and press **OK** to save it.
- In the Idle mode, holding and pressing **[1=]** can connect to voice mail.

Broadcast [Menu 5-5]

Cell broadcast short messages are spread by the network service to all handsets in a cell. User can enable/disable the service to choose if user wants to receive broadcast messages from particular channels or not.

Receive mode [Menu 5-5-1]

When you turn on/off the mode, you can choose to receive or not receive the last broadcast message received.

Message list [Menu 5-5-2]

Using the arrow of Navigation key allows you browse through the message. Press **OK** or **Back**, if you want to read or exit.

Languages [Menu 5-5-3]

User can select the languages of the broadcast message user wants to receive.

Channel settings [Menu 5-5-4]

You can select the channels from the channel list.

You can add new channels where you want the messages to be received to the list. Then select it from select list.

Also, the function allows you **Select, Add, Edit** and **Delete setting**.

MULTIMEDIA

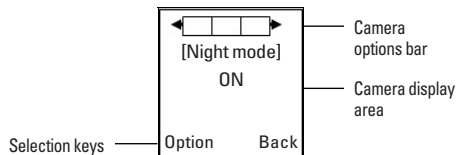
Camera [Menu 6-1]

Note

Please obey all local laws governing the taking of picture.

User can take photo with the built-in camera. The camera lens is on the back of the handset and the display of the handset works as viewfinder. The camera produces pictures in JPG format.

Please pay attention, if handset is not enough memory to take a new photo, you need to free some pictures by deleting old photos or other files in the gallery.




When user enter the "Camera" screen, user can press Navi-right/left key \leftarrow and \rightarrow to change camera options and Navi-up/down \uparrow and \downarrow to change camera options status

Camera options

Image size	Cont shot	Frame	Image qty	Effect	EV	WB	Night	Zoom
128x128	Off	Off	High	Normal	+4	Auto	Off	1.0x
160x120	3 shot	Frame 1	Normal	B & W	+3	Daylight	On	1.5x
320x240	5 shot	Frame 2	Low	Sepia	+2	Tungsten		2.0x
640x480	9 shot	Frame 3		Negative	+1	Fluorescent		2.5x
		Frame 4		B&W negat.	0			3.0x
		Frame 5		Oil paint	-1			
		Frame 6		Emboss	-2			
		Frame 7		Bluish	-3			
		Frame 8		Black board	-4			
		Frame 9		White Board				
		Frame 10		Crayon				



Taking a Photo

- In **Multimedia** menu, select **Camera**.
- The live image appears on the display, and you can use the display as a view finder.
- To take a photo press side key  to capture. When taking a photo a shutter sound is heard. The phone saves the photo in the **Photo gallery** of the **Multimedia** menu.

To setup Camera option

Press **Option** to enter options screen. User can select:

- To photo gallery: the folder save images taken, for detail please see **Photo gallery**.
- Camera setting: the setting option for further camera functions
- Image setting: the settings about image
 - Image size: the options of image size have: 128x128, 160x120, 320x240, 640x480
 - Image quality: to define how much the photo file will be compressed when saving the image. Select Low, Normal, or High.

- Effect setting: to set effects of photo.
- Add frame: to select the frame style from the list when take pictures.
 - Stick frame only support when image size set for 128x128.
 - When image size set for 128x128, user can press Nav-up  or down  key to change frame style directly.
- Cont shot: you can take a photo in various shot.
- Delay timer: to set a time delay before the camera takes a photo. Select the length of delay you want.
- Restore default: to reset all camera settings back to default.

MP3 player [Menu 6-2]

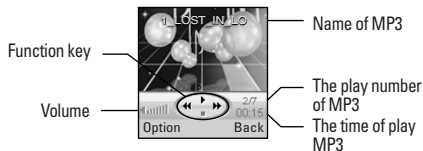
Your phone includes an MP3 player for listening to MP3 files.

MP3 files stored in the MP3 folder (Default setting) will automatically be detected and added to the default play list.

You can listen to the sound files via a compatible headset, or the phone's loudspeaker. You can make or answer a call while using the MP3 player.

MULTIMEDIA

During a call, the playback is paused.



! Note

Because of the small dimension of the speaker, in some cases the audio could be distorted, especially at maximum volume and when there are lots of bass sounds. Therefore, we recommend you to use the stereo headset in order to appreciate the high quality of your music.

The MP3 player supports: [Menu 6-2-1]

- **MPEG-1 Layer III:** Sampling frequency up to 48 KHz. Bit rate up to 320 Kbps stereo.
- **MPEG-2 Layer III:** Sampling frequency up to 48 KHz. Bit rate up to 320 Kbps stereo.

MP3 player settings [Menu 6-2-2]

Settings: MP3 player setting options.

- Turn On/Off for List auto generate.
- When List auto generate function turns on, the handset will refresh the track list automatically everytime when the handset switch on.
- When List auto generate functions turns off, the handset will not refresh the track list automatically everytime when the handset switch on.
- Skin: to select background picture of MP3 player. There are three skin pictures for users choose.
- Select shuffle to play the current track or the enter track list repeatedly.
- Turn on/off **Random** function.
- Turn on/off Background play function.
 - On: allow music continue playing when left MP3 player.
 - Off: when user left MP3 player, music will stop.



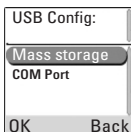
- Please turn off the handset before Add/Delete music or handsets will automatic turn off when cable plug in.

! Note

All music tracks must be storage in MP3 folder (Default setting, user may not be change path.)

- Plug in cable (USB) to handset and PC, screen show two options:

- Mass storage mode: for add / remove music or image.
 - In the Mass storage mode, user can add / remove music to handset via PC.
- COM Port mode: set the USB as COM Port.



Playing the MP3 [Menu 6-2-3]

- User can listen to music on the loudspeaker or with headphone. The handset default setting for MP3 playing is loudspeaker; user also can plug in headphone to listen MP3.

- Use the functions of the four ways Navigation key as describe in the bellow table:

Four ways Navigation Key	Audio Play Function
Up	▶ Play / Pause music
Down	■ Stop
Left	⏮ Skip to previous tracks
Right	⏭ Skip to next tracks

- In the **MP3 player** menu, press **Option** allows access to the following settings.
 - **List**: you can view all the tracks available on the track list and play the desired track
 - If you press **Option** in the play list, you can:
 - **Play**: to play selected music.
 - **Add**: to add music which not store in the MP3 folder.

! Note

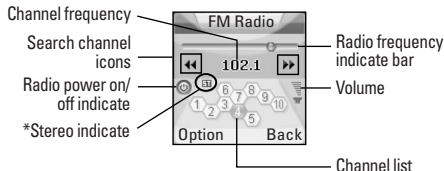
Add only support when List auto generate function turns off, user can add music from other folder.

MULTIMEDIA

- Delete: to delete the selecting music.
- Rename: to modify the name of the selecting music.
- Add to rings: to add selected music for ring tone.
- Detail: to show music information
- Delete all: to delete all the music in the play list.

FM radio [Menu 6-3]

To listen to the FM radio on your phone connect the compatible headset connector on the left top of the phone. Note that the quality of the radio broadcast depends on the radio station's coverage in that particular area.



* If the radio channel supports stereo effect, the stereo indicate will show on screen. If the radio channel not supports stereo effect and the stereo indicate will hide from screen.

To turn on the radio

- Press **Menu** and select **Multimedia** and **FM radio**.
- Press down key **⏻** to turn on/off radio.

! Note

Before you turn on the FM radio, please make sure the headset is plugged well. Otherwise, the FM radio cannot be turn on.




- On the display is frequency of the radio channel.
- If you have already saved radio channels in channel list, you can select a radio channel location 1 to 10 by pressing the corresponding number key.

- Turning a radio channel

! Note

Using FM radio, user must plug in headphone, FM radio does not support loudspeaker function.

- When the radio is on, long press Navigation left/right key for Auto search when a channel is found searching will stop. When you short press Navigation left/right key to search channel skip +/-0.1 MHz.

Four ways Navigation Key	FM Radio Function
 Down	Turn On/Off radio
 Left	Short press to skip -0.1 MHz Long press enable channel auto search
 Right	Short press to skip +0.1 MHz Long press enable channel auto search
Key 1~10	To change radio channel, by pressing the corresponding number key

Using the radio

When the radio is on, press **Option** and select

- Channel list: To save the channel you have found, press **Option** and select **Edit**. Key in the name of the channel and Frequency press **Done**. You can save 10 radio channels in the handset.

- Manual input: if you know the frequency of the radio channel you would like to listen to (between 87.5 MHz and 108.0 MHz), key it in and press OK.
- Auto search: if you want to search radio channel, press **Yes** when Preset list confirm message show up. The search stops when a channel has been found.
- Settings: FM radio setting options:
 - Skin: to select background picture of FM radio. There are three skin pictures for users choose.
 - Background play:
 - On: allow radio continuing playing when exit FM radio.
 - Off: when user exits FM radio, radio will paused.
 - Loud Speaker

Note

You can normally make a call or answer an incoming call while listening to the radio. The volume of the radio is muted. When you end the call, the radio volume will automatically be turned up again. Also, when an application using GPRS or HSCSD connection is sending or receiving data, it may interfere with the radio.

MULTIMEDIA

Photo gallery [Menu 6-4]

Photo gallery is a folder under **Multimedia** folder. It is a folder to save the photo images. You can view image in this folder.

- Press **Option** and choose one of the following functions that may be available for the selected file: View, Forward, Rename, Delete, Delete all Files and Sort. The number of photo file storage is subject to the image quality you store.
- To use Mass storage (USB cable)

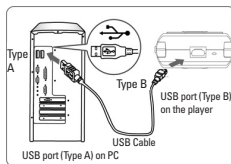
! Note

System default requirement: PC hardware and software for Windows 2000/XP. For more information, please see below "Install USB Software for Window 2000".

! Note


Please use USB according to the standard steps as below; otherwise the data may lose or cause damage.

If you want to add/remove music and images to the Handset, connect it to a PC with USB cable



Connecting the handset to PC

- After connected the handset and PC, choice "Mass Storage" handsets will automatic turn off
- The OS will automatically generate a "Removable Disk" in My Computer. You can enter the disk to access the data in the handset.
- You can access to the handset from the Window Explorer (Windows 2000/XP) / **File Manager** or **My Computer** and add / erase audio, image or other files to the handset.

- If you want to remove the USB cable from the handset after adding or erasing files,
 - Double click the Remove Hardware icon in the taskbar tray. 
 - Click **Stop** when the message “You can remove hardware now” appears on the screen, remove the handset.

Copy files into the handset

- After connecting the handset to a PC successfully, there will be a new disk “Removable Disk” in My computer.
- Enter the directory stored your music, image or other files and select them thru your mouse. After selection, your mouse on the selected files and click right button of your mouse to select “**Copy**”, enter the **Removable Disk** from My Computer, and click right button of your mouse to select “**Paste**” then the music files will be copied into the handset.

Voice recorder [Menu 6-5]

- Voice recorder is a simple voice recording application, which provides functionalities for the user to manage voice files. User can play recorder voice use loudspeaker or headphone. The loudspeaker is default setting for playing recorder voice.
- Within **Voice recorder** submenu, you can select **Record**, **List** and **Settings**
 - **Record**: Once recording is started, the remaining time is displayed.
 - **List**: you can play back or delete the recorded voice. Press **Option** you can select from
 - Play**: play the selected sound.
 - Delete**: to delete the selected sound file.
 - Rename**: to modify the name of the selecting sound.
 - Append**: to append the new sound with the already existing sound. This function only supports the AMR file.
 - Forward**: to forward the sound file to “**Set as ring tone**” or “**To MMS**”.
 - Delete all**: to delete the entire available sound files.
 - **Settings**: there are two types format setting: AMR or WAV

MULTIMEDIA

Install USB Software for Window 2000

! Note

Please upgrade Windows 2000 to Service Pack 4 for supporting the USB disk function.

For more information about Windows 2000 Service Pack 4, please visit <http://www.microsoft.com/windows2000/downloads/servicepacks/default.asp>

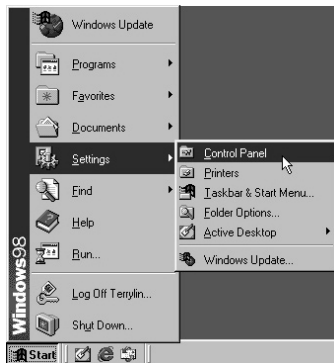
You can also download the Service Pack 4 from Microsoft web site.

Copyright © 2004 Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052-6399 U.S.A. All rights reserved.

Install USB Software for Window 98

! Note

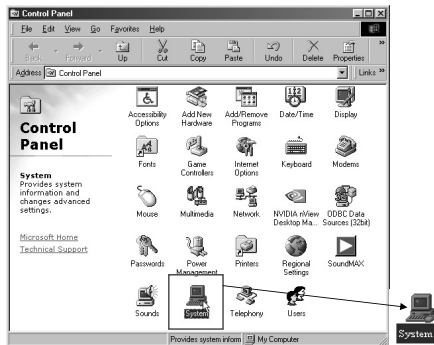
Please use USB according to the standard steps as below; otherwise the data may lose or cause damage.



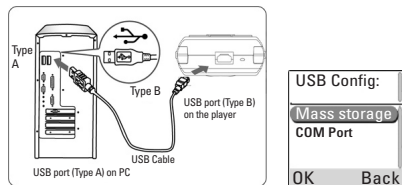
- Step 1 Open Control Panels

Press Start → Setting → Control panels

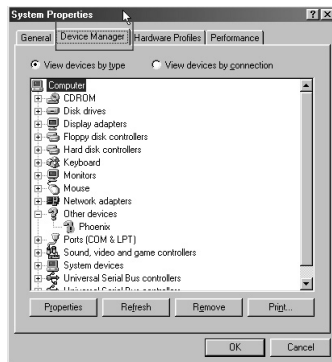
- Step 2 Open System
From Control panels → System



Connect it to a PC with USB cable, choice “Mass Storage” handsets will automatic turn off.

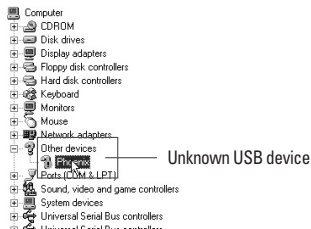


- Step 3 Open Device Manager

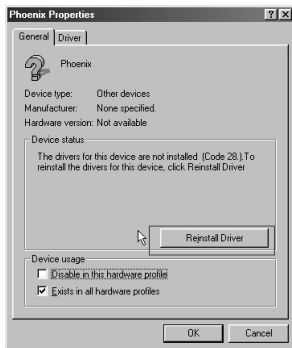


MULTIMEDIA

- Step 4 Double Click the Unknown USB Device



- Step 5 Click the Reinstall Driver button



- Step 6 Press Next button



- Step 7 Press Next button



- Step 8 Assign the location where the device driver locate. [The driver location is depending on user.]



- Step 9 Press Next button



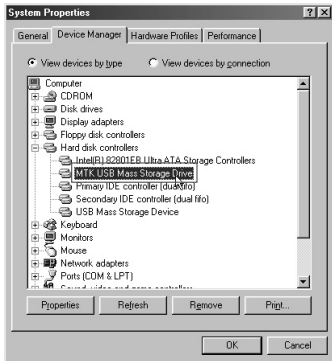
- Step 10 Windows will search and install the USB driver and Install complete



MULTIMEDIA

- Step 11 You can see the device in the **Device Manager**

In the **Device Manager**, you can see USB Mass Storage Device show up.



! Note

You can download USB driver for Window 98 from LG WOW site.

Java [Menu 7-1]

You can enjoy various Java game in this menu. You can also change the DNS setting required for accessing Java services. If necessary, please view the memory status for Java games before download it.

When you access the Java menu, the list of default game appears. Once you have installed Java games, the games are added to the list.

! Note

Java service may not be available, depending on your service provider.

Java game options. [Menu 7-1-1]

- Launch: To activate Java game.
- Setting: Java game setting
- Information : Show Java game detail information.

Java setting: [Menu 7-1-2]

This function design for Java use only.

- Java audio: Use Navi-right/left to setup Java audio volume.

- Java vibration: Use Navi-right/left to setup Java vibration On/Off.
- Java network: Use Navi-right/left to select Java network.
- Free data space: to show free Java space information.
- Heap size: to show Java size information.

Games [Menu 7-2]

Your phone software includes some games specially designed for this handset.

You can launch a game by pressing **Menu** and select **My stuff** and select **Games**.

Use Navigation key select a game or Game setting, press **OK**.

Press **OK** again, you can choose the option you want: Resume, Start game, Game level, Best grades and Game help.

Game setting [Menu 7-2-1]

This function design for game use only.

- Audio: turn On / Off effect of game.
- Vibration: turn On / Off effect of game.

MY STUFF

File manager [Menu 7-3]

In the **File manager** menu, you can manage images, photos, recordings, tones that you have.

In the **My stuff** submenu press **OK** to enter **File manager**. In the files manager screen, a list of folders is shown.

Scroll to the desired folder and press **Option** select options, you can **Open**, **Create folder** and **Format**. One of the options is available.

- Open: to view the files in the folder.
 - For selected folder, press **Option**, one of the options is Open, Create folder, Rename, Delete, Sort.
- Create folder: to add a new folder into list
- Format: you can format the file list.

Your phone supports both SIM service and WAP (Wireless Application Protocol) services. These services allow you to browse all kinds of information such as news, weather reports, flight schedules, dictionaries, etc. Even more, you can connect to the Internet and go to your favorite WAP enabled web sites. The following sections explain how to setup and use these wonderful services.

SIM service [Menu 8-1]

In addition to the functions available in the phone, your SIM card* may provide additional services under the SIM service submenu**. By entering the submenu, you can find a list of services provided by your operator. The requested information may be responded via voice speech or Text message (Short Message Service). Additional charges may apply for services involve sending a text message or making a phone call.

* Some SIM cards may not support SIM service. In such case, you won't be able to see the SIM service submenu.

** SIM service vary from operator to operator. The name and contents of the menu depend entirely on the SIM card provided by your operator. For availability, rates and information on using the SIM service, contact your network operator, service provider or other third-party vendor.

WAP [Menu 8-2]

The WAP service enables your phone to surf the Internet. Your phone offers you several default profiles to choose from.

These default profiles are based on the connection settings of major operators at the time this phone was manufactured. You can apply the desired connection settings by simply activating the respective profile and you are ready to go.

Home [Menu 8-2-1]

For each profile you are allowed to store a Home URL (Universal Resource Locator) address. You can quickly access the homepage of the active profile by selecting Home when the WAP menu is displayed.

BROWSER

Bookmarks [Menu 8-2-2]

You can save the addresses of web pages as bookmarks in the phone's memory.

- Press **Menu**, and select **Browser WAP** and **Bookmarks**.
- Choose the bookmarks you want to use and press **Option**.
- Select **Goto** will open a connection to the page associated with the bookmarks. You can also **Edit** or **Delete** the selected bookmarks, or **Add bookmark** by entering the title and URL address.

Recent pages [Menu 8-2-3]

You can view the recent pages that you have read. Press **OK** to connect to the selected page.

Go to URL [Menu 8-2-4]

Key in the URL address and press **OK** to connect to the address.

Service inbox [Menu 8-2-5]

The received WAP push message will be stored in the Service Inbox. This means that a service provider sends WAP content to your phone without having you to do anything. You can get updated news or new WAP settings from your service provider.

In the push message list, press **Options** key to **Accept** or **Delete** push message.

Settings [Menu 8-2-6]

• Edit profile

The WAP settings are stored in a WAP profile. 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.

- Within **Edit profile** submenu, press **OK** key to enter profile editing list.

- Activate profile: press **OK** to activate the selected WAP profile.
- Rename profile: you can rename the selected WAP profile.
- Home: enter a title and address of the WAP web site as the homepage. You can only have a homepage for each profile.
 - Press **Menu**, select **Browser, WAP, Settings** and **Edit profile** then press **OK**.
 - Choose the desired profile from the setting list first and then press **OK**, and select **Edit profile**.
 - Choose **Homepage** and press **OK**.
 - Key in the Home title and URL address then press **OK**.
- Data account: users are only allowed to choose a data account. The list of the accounts should be consistent to those under Service menu – Data Account.
- Connection: select Connection-oriented, Connectionless or HTTP from the list.
- Username: enter your user ID for the WAP gateway.
- Password: enter your password for the WAP gateway.

- **Browser options**

- Timeout: set the timeout value for the browser. The browser will stop connecting to the web site if the web site does not respond within the timeout time.
- Show images: set option On or Off to view pictures while browsing.

- **Service message settings**

Turn **On** or **Off** to decide whether you want to receive the service message or not. The message is saved in the Service Inbox.

- **Clear cache**

The information or data you have accessed are stored in the cache of the phone. A cache is a file buffer which is used to store data temporarily.

Within **Settings** submenu, select **Clear cache** and press **OK**.

- **Clear cookies**

It is advisable to clear any sensitive information like cookies of previously visited web sites. This is to avoid privacy and security risks if your phone is misplaced, lost or stolen.

Press **OK** to clear all the cookies

BROWSER

- **Clear recent page list**

It is advisable to clear any sensitive information about previously visited web pages in recent page list. This is to avoid privacy and security risks if your phone is misplaced, lost or stolen.

Press **OK** to delete all the recent pages.

- **Trusted certificates**

For using some services, such as banking services, you need security certificates. After you have downloaded the required security certificate from the Internet, you can view the certificate and then save or delete it. If you save it, the certificate is added to the list of trust certificates under the **Settings of WAP** menu.

- **View the list of Trust Certificates:**

Press **Menu**, select, **Browser, WAP, Settings** and **Trust certificates** press **View key**.

If the security indicator is displayed during a connection, the data transmission between the phone and the gateway server is encrypted. However, the security indicator does not indicate that the data transmission between the gateway and the content server (the location where the requested resource is stored) is secure. It is up to the service provider to secure the data transmission between the gateway and the content server.

Data account [Menu 8-3]

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

There are two kinds Data Account:

GSM data [Menu 8-3-1]

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

GPRS [Menu 8-3-2]

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

Date & Time [Menu 9-1]

Date [Menu 9-1-1]

This function allows you to set the date. After key in press **OK**.

Set date format [Menu 9-1-2]

This function allows you select format of the date display, use navigation key to change it press .

Time [Menu 9-1-3]

This function allows you to set the time. The format is <hh:mm>.

Set time format [Menu 9-1-4]

This function allows you to select the time format, 12 or 24 hours. Use navigation key to change the format and press **OK**.

! Note

The time and date format display is depend on user settings.

Auto timezone [Menu 9-1-5]

This function to sets the phone to automatically update the time and date according to the current time zone.

Auto date/time update does not change the time set for the alarm clock, calendar or the alarm notes, but it may cause some alarms previously set to expire.

Display setup [Menu 9-2]

Wallpaper [Menu 9-2-1]

You can set your phone to display a background picture, wallpaper, when the phone is in Idle mode. You can also download wallpaper from WAP and EMS and then save them in Folder under File manager. Your phone supports JPEG, GIF, BMP formats.

! Note

The wallpaper and screen saver should be set 128*128. In addition, the file size can't be over 50kb.

! Note

If BMP format image size is over 20kb and GIF format image size is over 40kb, the image display may getting slow and please wait for more time to show up.

SETTINGS

- To select a wallpaper picture
 - Press **Menu**, and select **Settings, Display setup** and **Wallpaper**
- With **Select** menu, select **Default**; you can choose an image or animation as screen saver from the select list.
 - Select **Default** and image will be shown.
 - Use **Navigation** key up and down to select the image and press **View** to choose the desired picture then press **OK**.
 - To set personal wallpaper, select **My folder** and press **OK** to open the folder in the **File manager**.

Use **Navigation** key to select the image and press **OK** to select.

Screen saver [Menu 9-2-2]

- The screen saver is activated when the phone is in idle mode and none of the phone's function been used for a certain time. Press any key to deactivate the screen saver.
- Turn **Setting On** to activate the screen saver.
- Select the number of timeout seconds before the screen saver activate under waiting.

- In **Select** menu, select **Default**; you can choose an image or animation as screen saver from the select list.
 - To set personal for screen saver, select **My folder** press **OK** to open the folder in the **File manager**.
 - Use **Navigation** key to select the image.

Standby note [Menu 9-2-3]

- Turn on this function will enable the text to be displayed in the **Idle** screen.
- Press **Menu**, and select **Settings, Display setup** and **Standby note and Note**. Key in the text and press **Save**. For writing information see also "Writing Text".

Display item [Menu 9-2-4]

- **Date & time**
Turn this function on or off to show or hide clock and date.
- **Own number**
Turn this function on or off to display or hide number.
- **Network name**
Turn this function on or off to display or hide your service network name in **Idle** screen.

Handset theme [Menu 9-2-5]

- You can change the appearance of the display, for example, the colors and background picture, by use themes. Your phone comes with some pre-set themes. You can not delete these you can choose themes from the list.
- Press **OK** to activate the selected theme.

LCD contrast [Menu 9-2-6]

- You can change the display contrast level on the phone display.
- Press **Menu**, and select **Settings, Display setup** and **LCD contrast**. Use Navigation key right and left to increase or decrease the contrast level and press **OK** to save it.

Language [Menu 9-3]

This allows you to switch between different languages and to select a language for the display texts.

Call setup [Menu 9-4]

Caller ID [Menu 9-4-1]

In the Call Setup menu, the Caller ID allows you to check the status of whether a caller's identification is sent.

- In the submenu, you can choose **Hide ID** or **Send ID** or **Set by network**.
- The phone must be registered with a network, if you have selected **Set by network**.

Call waiting [Menu 9-4-2]

- By activating the function the network service allows you to answer an incoming call while you have a call in progress.
- In the submenu, select **Activate** and press **OK** to turn on the function. Select **Deactivate** to switch off the function.
- You can check Function Status while you select **Query status**.

SETTINGS

Call divert [Menu 9-4-3]

This network service allows you to redirect incoming calls from your phone.

- **All voice calls**

All voice calls are diverted and no ringing tone is played at an incoming call.

- **If out of reach**

Voice calls are diverted when your phone is switched off or outside of the network service area.

- **If no reply**

Voice calls are diverted when you don't answer a call within the present timeout.

- **If busy**

Voice calls are diverted when your number is busy. If divert busy is activated, rejecting an incoming call will also divert the call.

- **All data calls**

All data calls are diverted.

- **Cancel all**

In the submenu, select Activate and press OK to switch on function. As same way, select Deactivate to switch off the function.

You can check Function status while while you select Query status.

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 the function.

- **Outgoing calls**

- To bar all outgoing calls.
- To bar outgoing international calls.
- To bar outgoing international calls except home.

- **Incoming calls**

- To bar all calls.
- To bar all when roaming.

- **Cancel all**

- This cancels all call barring.
- This service may sometimes not be supported by your network. A network code is required to access this service.

- **Change barring password**

To set barring call, you are asked to input your barring call password. This menu enables you to change your barring call password. Please contact your service operator for the default password setting.

Line switching [Menu 9-4-5]

Line for outgoing calls is a network service to select phone line 1 or 2 that is subscriber number for making calls, within call setup submenu, select Line switching, and choose Line1 or 2 Press **OK**.

- If you select Line2 and have not subscribed to this networks service, you will not be able to make call. However, calls on both lines can be answered regardless of the selected line.

Call time reminder [Menu 9-4-6]

You can turn on/off the remind duration of a call.

Call time display [Menu 9-4-7]

Turn on/off the total number of call minutes record used by current phone.

Auto redial [Menu 9-4-8]

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 is a network service that specifies the group of people whom you can call and who can call you. For more information contact your network operator or service provider.

Network [Menu 9-5]

The function allows you to set network related settings.

Selection mode [Menu 9-5-1]

- The phone automatically selects one of the cellular networks available in your area, when **Auto** mode is selected.
- In **Manual** mode the phone will show a list of available network which you can choose from. Only networks that have a roaming agreement with your home network operator are allowed to be selected.

SETTINGS

Preferred network [Menu 9-5-2]

- The network list is used when the mode is set to automatic. The order of the preferred network list indicates the search priority.
- Press **Option** key to edit preferred networks: **Add from list**, **Create new**, **Change priority** and **Delete**.

Band selection [Menu 9-5-3]

The wireless phone described in this guide is approved for use on GSM900, GSM1800, GSM1900, GSM900/1800 (Dual band) networks. You can choose band from the list.

GPRS connection [Menu 9-5-4]

“When need” and / Always” options are available for the GPRS connection status. Press OK to change option.

Security setup [Menu 9-6]

PIN lock [Menu 9-6-1]

This function allows you to lock the phone with a specific SIM card. The feature is designed to prevent the use of your phone by means of another person's SIM cards if your phone becomes lost.

You can switch on or off to activate the SIM lock function. If you switch SIM lock on, every time you turn phone on, you need to enter the PIN number to set the request on.

Phone lock [Menu 9-6-2]

You can switch on or off to activate/deactivate the Phone lock function to protect your phone. If you switch phone lock on, you need to enter the password to enable the function.

Note

The default phone lock password is 0000.

Auto key lock [Menu 9-6-3]

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

In submenu, select the key lock timer after the last key press will be disabled, then press OK.

Fixed dials [Menu 9-6-4]

You can switch mode on and off.

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.

Barred dials [Menu 9-6-5]

You can switch mode on and off.

Change passwords [Menu 9-6-6]

- 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 phone lock password.

Restore settings [Menu 9-7]

Within this menu you can reset the menu settings to their original values. The security code is needed for this function.

Setting values will be restored to default values. Those values includes Profile, Ring tone, Call log, Caller groups, Time format, Home city, Wallpaper, Screen saver, Theme, Messages counter, WAP setting etc.

ACCESSORIES

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



Standard Battery



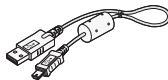
Headset

Allows hands free operation.



Travel Adapter

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



Data cable

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

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 : KG190

System : GSM 900 / DCS 1800


Ambient temperatures





Max : +55°C

Min : -10°C

TROUBLESHOOTING GUIDE

To save the time and expense of an unnecessary service call, perform the simple checks in this section before contacting a service professional.

Problem	Possible Corrective measures
Telephone cannot be switched on	Please take out battery and insert battery again then press  to power on the phone.
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 both on the phone and on the battery with a clear soft cloth.
Usage time of battery becomes shorter	If the battery time is short, 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 then charge again.
Charging error – Charger defective	If the charger does not warm up, replace it.
Charging error – Wrong charger	Only use original LG accessories.
Charging error – Battery defective	Replace battery.
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.

Problem	Possible Corrective measures
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.
You have entered a number but it was not dialed	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 from strong  to weak  . Try moving the phone slightly or moving closer to a window if you are in a building.
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.
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.

Declaration of Conformity



Suppliers Details

Name

LG Electronics Inc

Address

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

Product Details

Product Name

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

Model Name

KG190

Trade Name

LG

CE 0681

Applicable Standards Details

R&TTE Directive 1999/5/EC

EN 301 489-7 V1.2.1(2002-08)

EN 60950-1 : 2001

EN 50360 2001, EN50361 2001

TS51.010-1 V8.2.1

Selection according to GCF-CC 3.18.0 including requirements of EN 301 511 V9.0.2(2003)

Supplementary Information

The conformity to above standards is verified by ETS with Certificate No.(U0D20509-6168-C) and GSM test report (no. W6D20509-6168-T-51, W6D20509-6168-T-52), EMC test report(no. W6D20509-6168-E-16), safety test report (no. W6D20509-6168-L), SAR test report (no. 50902001-SC).

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

Name

Jin Seog, Kim / Director

Issued Date

19. Oct. 2005

LG Electronics Inc. Amsterdam Office

Velluwezoom 15, 1327 AE Almere, The Netherlands

Tel : +31 -36-547-8940, e-mail : seckim @ lge.com

Signature of representative

MEMO

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

MEMO
