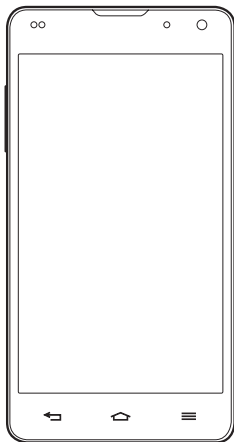# LG-E973 User Guide

- All screen shots in this guide are simulated. Actual displays and the color of the phone may vary.
- Some of the contents of this manual may not apply to your phone, depending on the software and your service provider. All information in this document is subject to change without notice.
- This handset is not suitable for people who have a visual impairment due to the touch screen keyboard.
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For Your Safety

Important Information

This user guide contains important information on the use and operation of this phone. Please read all the information carefully for optimal performance and to prevent any damage to or misuse of the phone. Any changes or modifications not expressly approved in this user guide could void your warranty for this equipment.

Before You Start

Safety Instructions

> ⚠ **WARNING**
>
> To reduce the possibility of electric shock, do not expose your phone to high humidity areas, such as the bathroom, swimming pool, etc.

Always store your phone away from heat. Never store your phone in settings that may expose it to temperatures less than 32°F (0°C) or greater than 104°F (40°C), such as outside during extreme weather conditions or in your car on a hot day. Exposure to excessive cold or heat will result in malfunction, damage and/or catastrophic failure.

Be careful when using your phone near other electronic devices. RF emissions from your mobile phone may affect nearby in adequately shielded electronic equipment. You should consult with manufacturers of any personal medical devices such as pacemakers and hearing aides to determine if they are susceptible to interference from your mobile phone.

Turn off your phone in a medical facility or at a gas station. Never place your phone in a microwave oven as this will cause the battery to explode.

Safety Information

Read these simple guidelines. Breaking the rules may be dangerous or illegal. Further detailed information is given in this user guide.

- Never use an unapproved battery since this could damage the phone and/or battery and could cause the battery to explode.
- Never place your phone in a microwave oven as it will cause the battery to explode.
- Do not dispose of your battery by fire or with hazardous or flammable materials.

- Make sure that no sharpedged items come into contact with the battery. There is a risk of this causing a fire.
- Store the battery in a place out of reach of children.
- Be careful that children do not swallow any parts such as rubber plugs (earphone, connection parts of the phone, etc.). This could cause asphyxiation or suffocation.
- Unplug the power cord and charger during lightning storms to avoid electric shock or fire.
- When riding in a car, do not leave your phone or set up the hands-free kit near to the air bag. If wireless equipment is improperly installed and the air bag is activated, you may be seriously injured.
- Do not use a hand-held phone while driving.
- Do not use the phone in areas where its use is prohibited. (For example: aircraft).
- Do not expose the battery charger or adapter to direct sunlight or use it in places with high humidity, such as a bathroom.
- Never store your phone in temperatures less than -4°F (-20°C) or greater than 122°F (50°C).

- 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 drop, strike, or shake your phone severely. Such actions may harm the internal circuit boards of the phone.
- Do not use your phone in high explosive areas as the phone may generate sparks.
- Do not damage the power cord by bending, twisting, pulling, or heating.
- Do not use the plug if it is loose as it may cause a fire or electric shock.
- Do not place any heavy items on the power cord. Do not allow the power cord to be crimped as it may cause fire or electric shock.
- Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.
- Do not disassemble the phone.
- Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.
- Only use the batteries, antennas, and chargers provided by LG. The warranty

will not be applied to products provided by other suppliers.

- Only authorized personnel should service the phone and its accessories. Faulty installation or service may result in accidents and consequently invalidate the warranty.
- Do not hold or let the antenna come in contact with your body during a call.
- An emergency call can be made only within a service area. For an emergency call, make sure that you are within a service area and that the phone is turned on.
- Use accessories, such as earphones and headsets, with caution. Ensure that cables are tucked away safely and do not touch the antenna unnecessarily.

Memory card information and care

- Always insert/ remove the memory card while the handset power is off. If you remove it while the power is on, it may be damaged.
- If a damage cannot be fixed, format the memory card.
- The memory card cannot be used for recording copyright protected data.

- Do not write forcefully on the memo area.
- Carry and store the memory card in its case.
- Do not allow the memory card to get wet.
- Do not leave the memory card in extremely hot location.
- Do not disassemble or modify the memory card.

FCC RF Exposure Information

⚠ **WARNING**
Read this information before operating the phone.

In August 1996, the Federal Communications Commission (FCC) of the United States, with its action in Report and Order FCC 96-326, adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies.

The design of this phone complies with the FCC guidelines and these international standards.

CAUTION

Use only the supplied and approved antenna. Use of unauthorized antennas or modifications could impair call quality, damage the phone, void your warranty and/or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with skin, a minor burn may result. Contact your local dealer for a replacement antenna.

Body-worn Operation

This device was tested for typical body-worn operations with the back of the phone kept 1 cm (0.39 inches) between the user's body and the back of the phone. To comply with FCC RF exposure requirements, a minimum separation distance of 1 cm (0.39 inches) must be maintained between the user's body and the back of the phone.

Third-party belt-clips, holsters, and similar accessories containing metallic components may not be used.

Body-worn accessories that cannot maintain 1 cm (0.39 inches) separation distance between the user's body and the back of the phone, and have not been tested for typical bodyworn operations may not comply with FCC RF exposure limits and should be avoided.

Vehicle Mounted External Antenna (optional, if available)

A minimum separation distance of 20cm (8 inches) must be maintained between the user/bystander and the vehicle mounted external antenna to satisfy FCC RF exposure requirements. For more information about RF exposure, visit the FCC website at www.fcc.gov

FCC Part 15 Class B Compliance

This device complise with part 15 of FCC rules and ICES-003 Class B digital apparatus requirements for Industry Canada.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Cautions for Battery

- Do not disassemble.
- Do not short-circuit.
- Do not expose to high temperature: 140°F (60°C).
- Do not incinerate.

Battery Disposal

- Please dispose of your battery properly or bring to your local wireless carrier for recycling.
- Do not dispose in fire or with hazardous or flammable materials.

Adapter (Charger) Cautions

- Using the wrong battery charger could damage your phone and void your warranty.
- The adapter or battery charger is intended for indoor use only.

Do not expose the adapter or battery charger to direct sunlight or use it in places with high humidity, such as the bathroom.

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.
- 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.

Safety Guidelines

TIA Safety Information

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

Exposure to Radio Frequency Signal

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones.

Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

ANSI C95.1 (1992) *

NCRP Report 86 (1986)

ICNIRP (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

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

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

Antenna Care

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

Phone Operation

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

Tips on Efficient Operation

For your phone to operate most efficiently:
• Do not touch the antenna unnecessarily when the phone is in use. Contact with

the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

Driving

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

- Give full attention to driving - driving safely is your first responsibility;
- Use hands-free operation, if available;
- Pull off the road and park before making or answering a call if driving conditions so require.

Electronic Devices

Most modern electronic equipment is shielded from RF signals.

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

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker.

These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers:

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

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Health Care Facilities

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may use equipment that could be sensitive to external RF energy.

Vehicles

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

Posted Facilities

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

Aircraft

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

Blasting Areas

To avoid interfering with blasting operations, turn your phone OFF when in a 'blasting areas or in areas posted: 'Turn off twoway radio'. Obey all signs and instructions.

Potentially Explosive Atmosphere

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.
Areas with a potentially explosive atmosphere are often, but not always, marked clearly. Potential areas may include: fueling areas (such as gasoline stations); below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles (such as grain, dust, or metal powders); and any other area where you would normally be advised to turn off your vehicle engine.

For Vehicles Equipped with an Air Bag

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

Safety Information

Please read and observe the following information for safe and proper use of your phone and to prevent damage. Also, keep the user guide in an accessible place at all the times after reading it.

Charger and Adapter Safety

• The charger and adapter are intended for indoor use only.

Battery Information and Care

• Please dispose of your battery properly or take it to your local wireless carrier for recycling.
• The battery does not need to be fully discharged before recharging.
• Use only LG-approved chargers specific to your phone model since they are designed to maximize battery life.
• Do not disassemble or impact the battery as it may cause electric shock, short-circuit, and fire. Store the battery in a place out of reach of children.
• Keep the battery's metal contacts clean.
• Replace the battery when it no longer provides acceptable performance. The battery can be recharged several hundred times before replacement.
• Recharge the battery after long periods of non-use to maximize battery life.
• Battery life will vary due to usage patterns and environmental conditions.
• Use of extended backlighting, Media Net Browsing, and data connectivity kits affect battery life and talk/standby times.
• The self-protection function of the battery cuts the power of the phone when its operation is in an abnormal state. In this case, remove the battery from the phone, reinstall it, and turn the phone on.
• Actual battery life will depend on network configuration, product settings, usage patterns, battery and environmental conditions.

Explosion, Shock, and Fire Hazards

- Do not put your phone in a place subject to excessive dust and keep the minimum required distance between the power cord and heat sources.
- Unplug the power cord prior to cleaning your phone, and clean the power plug pin when it is dirty.
- When using the power plug, ensure that it is firmly connected. If it is not, it may cause excessive heat or fire.
- If you put your phone in a pocket or bag without covering the receptacle of the phone (power plug pin), metallic articles (such as a coin, paperclip or pen) may shortcircuit the phone. Always cover the receptacle when not in use.
- Do not short-circuit the battery. Metallic articles such as a coin, paperclip or pen in your pocket or bag may short-circuit the + and − terminals of the battery (metal strips on the battery) upon moving. Short-circuit of the terminal may damage the battery and cause an explosion.

General Notice

- Using a damaged battery or placing a battery in your mouth may cause serious injury.
- Do not place items containing magnetic components such as a credit card, phone card, bank book or subway ticket near your phone. The magnetism of the phone may damage the data stored in the magnetic strip.
- Talking on your phone for a long period of time may reduce call quality due to heat generated during use.
- When the phone is not used for a long period time, store it in a safe place with the power cord unplugged.
- Using the phone in proximity to receiving equipment (i.e., TV or radio) may cause interference to the phone.
- Do not use the phone if the antenna is damaged. If a damaged antenna contacts skin, it may cause a slight burn. Please contact an LG Authorized Service Centre to replace the damaged antenna.
- Do not immerse your phone in water. If this happens, turn it off immediately and remove the battery. If the phone does not work, take it to an LG Authorized Service Centre.

Safety Guidelines

- Do not paint your phone.
- The data saved in your phone might be deleted due to careless use, repair of the phone, or upgrade of the software. Please backup your important phone numbers. (Ring tones, text messages, voice messages, pictures, and videos could also be deleted.) The manufacturer is not liable for damage due to the loss of data.
- When you use the phone in public places, set the ring tone to vibration so as not to disturb others.
- Do not turn your phone on or off when putting it near your ear.
- Your phone is an electronic device that generates heat during normal operation. Extremely prolonged, direct skin contact in the absence of adequate ventilation may result in discomfort or minor burns. Therefore, use care when handling your phone during or immediately after operation.

FDA Consumer Update

The U.S. Food and Drug Administration Centre for Devices and Radiological Health Consumer Update on Mobile Phones.

1. Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the standby mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

2. What is the FDA's role concerning the safety of wireless phones?

Under the law, the FDA does not review the safety of radiation emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, the FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace, or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, the FDA has urged the wireless phone industry to take a number of steps, including the following:

• Support needed research into possible biological effects of RF of the type emitted by wireless phones;

• Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and

• Cooperate in providing of wireless phones with the best possible information on possible effects of wireless phone use on human health.

The FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

• National Institute for Occupational Safety and Health

• Environmental Protection Agency

• Occupational Safety and Health Administration (Administración de la seguridad y salud laborales)

• Occupational Safety and Health Administration

• National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

The FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. The FCC relies on the FDA and other health agencies for safety questions about wireless phones.

The FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the subject of the safety questions discussed in this document.

3. What kinds of phones are the subject of this update?

The term 'wireless phone' refers here to handheld wireless phones with builtin antennas, often called 'cell', 'mobile', or 'PCS' phones. These types of wireless phones can expose the user to measurable radiofrequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by FCC safety guidelines that were developed with the advice of the FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called '

cordless phones,' which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures far below the FCC safety limits.

4. What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radiofrequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer causing chemicals so as to be predisposed to develop cancer in the absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't

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know with certainty what the results of such studies mean for human health. Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phone RF exposures.

However, none of the studies can answer questions about longterm exposures, since the average period of phone use in these studies was around three years.

5. What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but 10 or more years follow-up may be needed to provide answers about some health effects, such as cancer.

This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

6. What is the FDA doing to find out more about the possible health effects of wireless phone RF?

The FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radiofrequency energy (RF). The FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result

of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The project has also helped develop a series of public information documents on EMF issues. The FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. The FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA funded research is conducted through contracts with independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

7. How can I find out how much radiofrequency energy exposure I can get by using my wireless phone?

All phones sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit radiofrequency energy (RF) exposures. The FCC established these guidelines in consultation with the FDA and the other federal health and safety agencies. The FCC limit for RF exposure from wireless telephones is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consistent with the safety standards developed by the Institute of Electrical and Electronic Engineering (IEEE) and the National Council on Radiation Protection and Measurement. The exposure limit takes into consideration the body's ability to remove heat from the tissues that absorb energy from the wireless phone and is set well below levels known to have effects. Manufacturers of wireless phones must report the RF exposure level for each model of phone to the FCC. The FCC website (http://www.fcc.gov/oet/rfsafety) gives directions for locating the FCC identification number on your phone so you can find your phone's RF exposure level in the online listing.

8. What has the FDA done to measure the radiofrequency energy coming from wireless phones?

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical

standard for measuring the radiofrequency energy (RF) exposure from wireless phones and other wireless handsets with the participation and leadership of FDA scientists and engineers. The standard, 'Recommended Practice for Determining the Spatial- Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques,' sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissuesimulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the measurement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

9. What steps can I take to reduce my exposure to radiofrequency energy from my wireless phone?

If there is a risk from these products - and at this point we do not know that there is

- it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radiofrequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure. If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna. Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

10. What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to

radiofrequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure. Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

11. What about wireless phone interference with medical equipment?

Radiofrequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, the FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by the FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. The FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a 'compatible' phone and a 'compatible' hearing aid at the same time. This standard was approved by the IEEE in 2000. The FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, the FDA will conduct testing to assess the interference and work to resolve the problem.

12. Where can I find additional information?

For additional information, please refer to the following resources: FDA web page on wireless phones (http://www.fda.gov/)

Federal Communications Commission (FCC) RF Safety Program (http://www.fcc.gov/oet/rfsafety)

International Commission on Non-Ionizing Radiation Protection
(http://www.icnirp.de)

World Health Organization (WHO) International EMF Project
(http://www.who.int/emf)

National Radiological Protection Board (UK)
(http://www.nrpb.org.uk/)

10 Driver Safety Tips

Your wireless phone gives you the powerful ability to communicate by voice almost anywhere, anytime. An important responsibility accompanies the benefits of wireless phones, one that every user must uphold. When operating a car, driving is your first responsibility.

When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features such as speed dial and redial. Carefully read your instruction manual and learn to take advantage of valuable features most phones offer, including automatic redial and memory. Also, work to memorize the phone keypad so you can use the speed dial function without taking your attention off the road.

2. When available, use a handsfree device. A number of handsfree wireless phone accessories are readily available today. Whether you choose an installed mounted device for your wireless phone or a speaker phone accessory, take advantage of these devices if available to you.

3. Position your wireless phone within easy reach. Make sure you place your wireless phone within easy reach and where you can reach it without removing your eyes from the road. If you get an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.

4. Suspend conversations during hazardous driving conditions or situations. Let the person you are speaking with know you are driving; if

necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.

5. Do not take notes or look up phone numbers while driving. If you are reading an address book or business card, or writing a "to-do" list while driving a car, you are not watching where you are going. It is common sense. Don't get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.

6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip or attempt to coincide your calls with times you may be stopped at a stop sign, red light or otherwise stationary. But if you need to dial while driving, follow this simple tip — dial only a few numbers, check the road and your mirrors, then continue.

7. Do not engage in stressful or emotional conversations that may be distracting. Stressful or emotional conversations and driving do not mix; they are distracting and even dangerous when you are behind the wheel of a car. Make people you are talking with aware you are driving and if necessary, suspend conversations which have the potential to divert your attention from the road.

8. Use your wireless phone to call for help. Your wireless phone is one of the greatest tools you can own to protect yourself and your family in dangerous situations — with your phone at your side, help is only three numbers away. Dial 911 or other local emergency number in the case of fire, traffic accident, road hazard or medical emergency. Remember, it is a free call on your wireless phone!

9. Use your wireless phone to help others in emergencies. Your wireless phone provides you a perfect opportunity to be a "Good Samaritan" in your community. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.

10. Call roadside assistance or a special wireless nonemergency assistance number when necessary. Certain situations you encounter while driving may require attention, but are not urgent enough to merit a call for emergency services. But you can still use your wireless phone to lend a hand. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured or a vehicle, you know to be stolen, call roadside assistance or other special non-emergency wireless number.

For more information, please call to 888-901-SAFE, or visit our website www.wow-com.com

Consumer Information on SAR (Specific Absorption Rate)

This Model Phone Meets the Government's Requirements for Exposure to Radio Waves.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. * Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its

highest certified power level in all tested frequency bands.

Although SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. Because the phone is designed to operate at multiple power levels to use only the power required to reach the network, in general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model.

The highest SAR value for this model phone when tested for use at the ear is 0.70 W/kg and when worn on the body, as described in this user's manual, is 1.19 W/kg. (Body-worn measurements differ among phones models, depending upon available accessories and FCC/IC requirements.) While there may be differences between SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/ea/fccid after searching on FCC ID: ZNFE973.

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

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

* Product meets current FCC & IC Radio Frequency Exposure Guidelines.
FCC ID: ZNFE973
IC ID: 2703C-E973

Notice!
(i) The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
(ii) the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall comply with the e.i.r.p. limit; and
(iii) the maximum antenna gain permitted for devices in the band 5725-5825 MHz shall comply with the e.i.r.p. limits specified for point-to-point and non point-to-point operation as appropriate.
* High-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and these radars could cause interference and/or damage to LE-LAN devices.

Ambient temperatures
Max: +50°C (discharging),
        +45°C (charging)
Min: -10°C

Regulatory and Safety
Go to **"System settings > About phone > Regulatory and Safety"** to get regulatory and safety information

Important notice

Before you start using the phone, please read this!

Please check to see whether any problems you encountered with your phone are described in this section before taking the phone for service or calling a service representative.

1. Phone memory

When there is less than 10% of space available in your phone memory, your phone cannot receive new messages. You need to check your phone memory and delete some data, such as applications or messages, to make more memory available.

To uninstall applications:

1. Touch ▦ > **Apps** tab > **Settings** > **Apps** from the DEVICE category.
2. Once all applications appear, scroll to and select the application you want to uninstall.
3. Touch **Uninstall**.

2. Optimizing battery life

Extend your battery's life between charges by turning off features that you don't need to having running constantly in the background. You can monitor how applications and system resources consume battery power.

Extending your phone's battery life:

- Turn off radio communications you are not using. If you are not using Wi-Fi, Bluetooth or GPS, turn them off.
- Reduce screen brightness and set a shorter screen timeout.
- Turn off automatic syncing for Gmail, Calendar, Contacts and other applications.
- Some applications you have downloaded may reduce battery power.

To check the battery power level:

- Touch ▦ > **Apps** tab > **Settings** > **About phone** from the SYSTEM > **Battery**

The battery status (charging or not charging) and battery level (percentage charged) is displayed at the top of the screen.

To monitor and control how battery power is being used:

- Touch ▦ > **Apps** tab > **Settings** > **Power saver** from the DEVICE > **Battery use** from the BATTERY INFORMATION

Battery usage time is displayed at the bottom of the screen. It tells you how long it has been since you last connected your

phone to a power source or, if currently connected, how long the phone was last running on battery power. The screen shows the applications or services using battery power, listed in order from the greatest to smallest amount used.

3. Before installing an open source application and OS

> ⚠️ **WARNING**
> If you install and use an OS other than the one provided by the manufacturer it may cause your phone to malfunction. In addition, your phone will no longer be covered by the warranty.

> ⚠️ **WARNING**
> To protect your phone and personal data, only download applications from trusted sources, such as Play Store™. If there are improperly installed applications on your phone, it may not work normally or a serious error may occur. You must uninstall those applications and all associated data and settings from the phone.

4. Using unlock pattern

Set unlock pattern to secure your phone. Touch ⊞ > **Apps** tab > **Settings** > **Lock screen** from DEVICE > **Select screen lock** > **Pattern**.This opens a screen that guide you through how to draw a screen unlock pattern. You have to create a Backup PIN as a safety measure if you forgot pattern lock.

Caution: Create a Google account before setting an unlock pattern and remember Backup PIN you created while creating Pattern lock.

> ⚠️ **WARNING**
> **Precautions to take when using pattern lock.**
> It is very important to remember the unlock pattern you set. You will not be able to access your phone if you use an incorrect pattern 5 times. You have 5 opportunities to enter your unlock pattern, PIN or password. If you have used all 5 opportunities, you can try again after 30 seconds.

When you can't recall your unlock Pattern, PIN, or Password:
< **If you have forgotten pattern** >
If you logged in to your Google account

on the phone but failed to enter the correct pattern 5 times, tab the **Forgot Pattern** button on the bottom of the screen. You are then required to log in with your Google Account or you have to enter Backup PIN which you entered while creating Pattern Lock.

If you have not created a Google account on the phone or you forgot Backup PIN, you have to perform a hard reset.

< If you have forgotten PIN or Password >

If you forgot your PIN or Password, you need to do hard reset.

Caution: If you perform a hard reset, all user applications and user data are deleted.

> **Note:** If you have not logged in Google Account and forgot Unlock Pattern, you need to enter Backup PIN.

5. Using the hard reset (Factory reset)

If your phone does not restore to the original condition, use a Hard Reset (Factory Reset) to initialize it.

1 Turn the power off.
2 Press and hold the **Power/Lock key + Volume Down key**.

3 Once LG Logo appears on the screen, release all Keys.
4 After some seconds, allow you to select factory reset function in the Android system recovery utility.
5 Scroll the list by Volume keys and select it by **Power/Lock key**.

⚠ WARNING
If you perform a Hard Reset, all user applications, user data and DRM licenses will be deleted. Please remember to back up any important data before performing a Hard Reset.

6. Opening and switching applications

Multitasking is easy with Android because you can keep more than one application running at the same time. There's no need to quit an application before opening another. Use and switch between several open applications. Android manages each application, stopping and starting them as needed to ensure that idle applications don't consume resources unnecessarily.

To return to view list recently used applications:

Simply press **Recent apps** key

To stop applications:

1 Touch ::: > **Apps** tab > **Settings** > **Apps** > **Running**
2 Scroll and touch the desired application and touch **Stop** to stop it.

7. Installing PC Software (LG PC Suite)

"LG PC Suite" PC Application is a program that helps you connect your device to a PC via a USB cable and Wi-Fi. Once connected, you can use the functions of your device from your PC.

With your "LG PC Suite" PC Application, You Can...

- Manage and play your media contents (music, movie, pictures) on your PC.
- Send multimedia contents to your device.
- Synchronizes data (schedules, contacts, bookmarks) in your device and PC.
- Backup the applications in your device.
- Update the softwares in your device.
- Backup and restore the device.
- Play multimedia contents of your PC from your device.

NOTE: You can use the Help menu from the application to find out how to use your "LG PC Suite" PC application.

Installing "LG PC Suite" PC Application

"LG PC Suite" PC application can be downloaded from the webpage of LG.

1 Go to www.lg.com and select a country of your choice.
2 Go to **Support** > **MOBILE SUPPORT** > **LG Mobile Phones** > Select the Model (LG-E973) or Go to **Support** > **Mobile Phone Support** > Select the Model (LG-E973).
3 Click **PC Sync** from **MANUALS & DOWNLOAD**, and click **DOWNLOAD** to download "LG PC Suite" PC software or Click **PC Sync** from **Download**, and click **WINDOW PC Sync Download** to download "**LG PC Suite**" PC software.

System Requirements for "LG PC Suite" PC software

- OS: Windows XP 32 bit(Service pack 2), Windows Vista 32 bit/64 bit, Windows 7 32 bit/64 bit
- CPU: 1 GHz or higher processors
- Memory: 512 MB or higher RAMs
- Graphic card: 1024 x 768 resolution,

32 bit color or higher
- HDD: 100 MB or more free hard disk space (More free hard disk space may be needed depending on the volume of data stored.)
- Required software: LG integrated drivers, Windows Media Player 10 or later

NOTE: LG Integrated USB Driver
LG integrated USB driver is required to connect an LG device and PC and installed automatically when you install "LG PC Suite" PC software.

8. Synchronizing your phone to a Computer

Data from your device and PC can be synchronized easily with "LG PC Suite" PC application for your convenience. Contacts, schedules, and bookmarks can be synchronized.

The procedure is as follows:
1 Connect your device to PC. (Use a USB cable or Wi-Fi connection.)
2 After connection, run the program and select the device section from the category on the left side of the screen.
3 Click [Personal information] to select.

4 Select the checkbox of contents to synchronize and click the **Sync** button.

9. Synchronizing your phone to a computer via USB

NOTE: To synchronize your phone with your PC using the USB cable, you need to install LG PC Suite onto your PC.
Please refer to previous pages to install LG PC Suite.

1 Touch ▦ > **Apps** tab > **Settings** > **Storage** from the DEVICE to check out the storage media.
2 Connect the phone to your PC using the USB cable.
3 USB connection type list will appear in your phone screen, and select **Media sync (MTP)** option.
4 Open the memory folder on your PC. You can view the mass storage content on your PC and transfer the files.
5 Copy the files from your PC to the drive folder.
6 Select **Charge only** option to disconnect the phone.

To disconnect your phone from the computer:

Open the notification drawer and touch ⚡ > **Charge only** to disconnect your phone from the computer safely.

10. Hold your phone upright

Hold your mobile phone vertically, as you would a regular phone. The LG-E973 has an internal antenna. Be careful not to scratch or damage the back of the phone, as this may affect performance.

While making/receiving calls or sending/receiving data, avoid holding the lower part of the phone where the antenna is located. Doing so may affect call quality.

11. When the screen freezes

If the screen freezes or the phone does not respond when you try to operate it:

Press and hold the **Power/Lock** key for 10 seconds to turn it off.

If it still does not work, please contact the service centre.

Getting to know your phone

Phone overview

Earpiece

Notification flash

Front-Facing Camera lens

Proximity / Luminance Sensor

Power/Lock key
- Switch your phone on/off by pressing and holding this key.
- Short press to lock/unlock the screen.

Touch screen

Back key ⬅
Return to the previous screen.

Home key ⌂
Return to the home screen from any screen.

Menu key ☰
- Check what options are available.
- Go to Google Search™ by touching and holding this key.

NOTE: Proximity sensor
When receiving and making calls, the proximity sensor automatically turns the backlight off and locks the touch screen by sensing when the phone is near your ear. This extends battery life and prevents you from unintentionally activating the touch screen during calls.

⚠ **WARNING**
Placing a heavy object on the phone or sitting on it can damage the LCD and touch screen functions. Do not cover the LCD proximity sensor with protective film. This could cause the sensor to malfunction.

Volume keys
- **In the home screen:** Control ringer volume.
- **During a call:** Control your earpiece volume.
- **When playing a track:** Control volume continuously.

TIP! QuickMemo function
Press and hold the Volume Up and Volume Down Keys for one second to use the QuickMemo function.

Power/Lock key

SIM card tray

Earphone Jack

Microphone

Camera lens

Flash

NFC touch point

Speaker

Charger/USB port

Microphone

⚠ WARNING
- Encloses the battery compartment. Please do not open the back cover.
- Be careful not to damage the NFC touch point of the phone that is the part of the NFC antenna.

Installing the Micro-USIM card

Before you start exploring your new phone, you may insert the Micro-USIM card.

The eject button is a small round aperture just above the tray door. To install a new Micro-USIM card:

1 Insert the SIM ejection tool that comes with the phone (or a thin pin) into the eject button aperture, and push firmly but gently until the tray pops out.

2 Remove the tray and place the Micro-USIM card inside it, with the contacts out and the angled corner to the right. There is only one possible way to fit the card snugly into the tray.

3 Carefully reposition the tray in the slot and push it gently back into the phone.

NOTE: Make sure the gold contact area on the card is facing downwards.

Eject button aperture
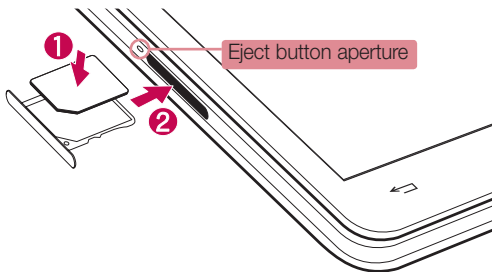
Charging the phone

The charger connector is at the bottom of the phone. Insert one end of the charging cable into the phone and plug the other end into an electrical socket.
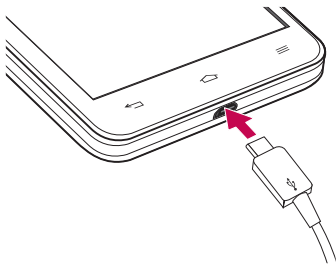
NOTE: The battery must be fully charged initially to improve battery lifetime.

Locking and unlocking the screen

If you do not use the phone for a while, the screen is turned off and locked automatically. This helps to prevent accidental touches and saves battery power. When you are not using the LG-E973, press the **Power/Lock key** ⬜ to lock your phone.

If there are any programs running when you set lock screen, they may be still running in Lock mode. It is recommended that you exit all programs before entering Lock mode to avoid unnecessary charges (e.g. phone calls, web access and data communications).

To wake up your phone, press the **Power/Lock key** ⬜. The lock screen will appear. Touch and slide the lock screen in any direction to unlock your home screen. The last screen you viewed will open.

Your Home screen

Touch screen tips

Here are some tips on how to navigate around your phone.

Touch – To choose a menu/option or open an application, touch it.

Touch and hold – To open an options menu or grab an object you want to move, touch and hold it.

Drag – To scroll through a list or move slowly, drag across the touch screen.

Flick – To scroll through a list or move quickly, flick across the touch screen (drag quickly and release).

> **NOTE:**
> • To select an item, touch the centre of the icon.
> • Do not press too hard; the touch screen is sensitive enough to pick up a light, firm touch.
> • Use the tip of your finger to touch the option you want. Be careful not to touch any other keys.

Home

Simply swipe your finger to the left or right to view the panels. You can customize each panel with Apps, Downloads, Widgets and wallpapers.

> **NOTE:** Some screen images may be different depending on your phone provider.

On your home screen, you can view menu icons at the bottom of the screen. Menu icons provide easy, one-touch access to the functions you use the most.

📞 Touch the **Phone** icon to bring up the touch screen dialpad to make a call.

👤 Touch the **Contacts** icon to open your contacts.

💬 Touch the **Messaging** icon to access the messaging menu. This is where you can create a new message.

🌐 Touch the **Browser** icon to access the web browser.

▦ Touch the **Apps** icon at the bottom of the screen. You can then view all your installed applications. To open any application, simply touch the icon in the applications list.

Customizing the Home screen

You can customize your home screen by adding Apps, Downloads, Widgets or Wallpapers. For more convenience using your phone, add your favourite apps and widgets to the home screen.

To add items on your home screen:

1 Touch and hold the empty part of the home screen.
   Or touch ➕ at the top of the right side.
2 In the Add Mode menu, select items you want to add. You will then see added items on the home screen.
3 Drag it to the location you want and lift your finger.

To remove an item from the home screen:

• **Home screen** > touch and hold the icon you want to remove > drag it to 🗑

TIP! To add an application icon to the home screen from the Apps menu, touch and hold the application you want to add.

TIP! Using folders
You can combine several app icons in a folder. Drop one app icon over another on a home screen, and the two icons will be combined.

Returning to recently-used applications

1 Touch and hold the **Home** key. The screen displays a pop-up with icons of applications you used recently.
2 Touch an icon to open the application. Or touch the **Back** key to return to your previous screen.

Notification drawer

The notification drawer runs across the top of your screen.
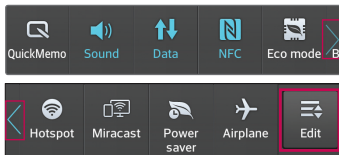
Touch and slide the notification drawer down with your finger.
Touch ⬇ > ⬇ to manage the notification panel.

Viewing the status bar

The status bar uses different icons to display phone information such as signal strength, new messages, battery life, active Bluetooth and data connections.

N 🖼 ⓘⓘ 🔋 6:41 PM

Below is a table explaining the meaning of icons you're likely to see in the status bar.

Icon	Description
📵	No Micro-USIM card
📶	No signal
✈	Airplane mode
📶	Connected to a Wi-Fi network
🎧	Wired headset
📞	Call in progress
☎	Call hold
🔊	Speakerphone
☎	Missed call

Icon	Description
❁	Bluetooth is on
⚠	System warning
🕐	Alarm is set
📼	New voicemail
🔇	Ringer is silenced
N	NFC is on
📳	Vibrate mode
🔋	Battery fully charged
🔋	Battery is charging
ψ	Phone is connected to PC via USB cable
⬇	Downloading data
⬆	Uploading data
◎	GPS is acquiring

Icon	Description
⊙	Receiving location data from GPS
🔄	Data is syncing
M	New Gmail
talk	New Google Talk message
😊	New message
▶	Song is playing
🔌	USB tethering is active
📶	Portable Wi-Fi hotspot is active
📶	Both USB tethering and portable hotspot are active

Onscreen keyboard

You can enter text using the onscreen keyboard. The onscreen keyboard appears automatically on the screen when you need to enter text. To manually display the keyboard, simply touch a text field where you want to enter text.

Using the keypad & entering text

⬆ Tap once to capitalize the next letter you type. Double-tap for all caps.

🔢 Tap to switch to the numbers and symbols keyboard. You can also touch and hold this tab to view the Settings menu.

⎵ Tap to enter a space.

↵ Tap to create a new line in the message field.

⌫ Tap to delete the previous character.

Entering accented letters

When you select French or Spanish as the text entry language, you can enter special French or Spanish characters (e.g. "á").

For example, to input "á", touch and hold the "a" key until the zoom-in key grows bigger and displays characters from different languages.

Then select the special character you want.

Google account set up

When you first turn on your phone, you have the opportunity to activate the network, to sign into your Google Account and how you want to use some Google services.

To set up your Google account:

- Sign into a Google Account from the prompted set up screen.

  OR

- Touch > **Apps** tab > select a Google application, such as **Gmail** > select **New** to create a new account.

If you have a Google account, touch **Existing**, enter your email address and password, then touch **Sign in**.

Once you have set up your Google account on your phone, your phone automatically synchronizes with your Google account on the web.

Your contacts, Gmail messages, Calendar events and other information from these applications and services on the web are synchronized with your phone. (This depends on your synchronization settings.)

After signing in, you can use Gmail™ and take advantage of Google services on your phone.

Connecting to Networks and Devices

Wi-Fi

With Wi-Fi, you can use high-speed Internet access within the coverage of the wireless access point WAP. Enjoy wireless Internet using Wi-Fi, without extra charges.

Connecting to Wi-Fi networks

To use Wi-Fi on your phone, you need to access a wireless access point or "hotspot". Some access points are open and you can simply connect to them. Others are hidden or use security features, you must configure your phone to be able to connect to them.

Turn off Wi-Fi when you're not using it to extend the life of your battery.

NOTE: If you are out of the Wi-Fi zone or set Wi-Fi to **OFF**, additional charges may be applied by your mobile operator for mobile data use.

Turning Wi-Fi on and connecting to a Wi-Fi network

1 Touch ▦ > **Apps** tab > **Settings** > **Wi-Fi** from the WIRELESS & NETWORKS

2 Set **Wi-Fi** to **ON** to turn it on and start scanning for available Wi-Fi networks.

3 Tap Wi-Fi menu again to see a list of active and in-range Wi-Fi networks.

- Secured networks are indicated by a lock icon.

4 Touch a network to connect to it.

- If the network is secured, you are prompted to enter a password or other credentials. (Ask your network administrator for details)

5 After connecting to a Wi-Fi network,the status bar displays icon that indicate Wi-Fi status.

Calls

Making a call

1 Touch 📞 to open the keypad.

2 Enter the number using the keypad. To delete a digit, touch the ⌫.

3 Touch 📞 to make a call.

4 To end a call, touch the **End** icon 📞.

> **TIP!** To enter "+" to make international calls, touch and hold 0+.

Calling your contacts

1 Touch 👤 to open your contacts.

2 Scroll through the contact list or enter the first few letters of the contact you want to call by touching **Search contacts**.

3 In the list, touch the contact twice or touch 📞 you want to call.

Answering and rejecting a call

When you receive a call in Lock state, hold and slide the 📞 to Answer incoming call.

Hold and slide the 📞 to Decline an incoming call.

Hold and slide the **Quick msg** icon from the bottom if you want to send a message.

> **TIP! Quick messages**
> You can send a message quickly using this function. This is useful if you need to reject a call with message during a meeting.

Adjusting the in-call volume

To adjust the in-call volume during a call, use the Volume up and down keys on the left-hand side of the phone.

Making a second call

1 During your first call, touch **Menu** > **Add call** and dial the number. Also, you can go recent dialled list by touching 🔀 or can search contacts by touching 👤 and select the contact you want to call.

2 Touch 📞 to make the call.

3 Both calls are displayed on the call screen. Your initial call is locked and put on hold.

4 Touch the displayed number to toggle between calls. Or touch 👥 **Merge call** to make a conference call.

5 To end active calls, touch **End** or press **Home** Key and slide the notification bar down and select **End call** icon 📞.

Viewing your call logs

On the home screen, touch 📞 and choose the **Call logs** tab 🔁.
View a complete list of all dialled, received and missed calls.

Call settings

You can configure phone call settings such as call forwarding and other special features offered by your carrier.

1 On the home screen, touch 📞.
2 Touch the **Menu** key.
3 Tap **Call settings** and choose the options that you want to adjust.

Contacts

Add contacts to your phone and synchronize them with the contacts in your Google account or other accounts that support contact syncing.

Searching for a contact

In the home screen

1 Touch 👤 to open your contacts.

2 Touch **Search contacts** and enter the contact name using the keyboard.

Adding a new contact

1 Touch 📞, enter the new contact's number, then press the **Menu** key. Touch **Add to Contacts** > **Create new contact**.

2 If you want to add a picture to the new contact, touch the image area. Choose from **Take photo** or **Select from Gallery**.

3 Select the contact type by touching ◢.

4 Touch a category of contact information and enter the details about your contact.

5 Touch **Save**.

Favourite contacts

You can classify frequently called contacts as favourites.

Adding a contact to your favourites

1 Touch 👤 to open your contacts.

2 Touch a contact to view their details.

3 Touch the star to the right of the contact's name. The star turns yellow color.

Removing a contact from your favourites list

1 Touch 👤 to open your contacts.

2 Touch the ★ tab, and choose a contact to view its details.

3 Touch the yellow color star to the right of the contact's name. The star turns grey and the contact is removed from your favourites.

Moving contacts from your Old Device to your New Device

Export your contacts as a CSV file from your old device to your PC using a PC sync program.

1 Install "LG PC Suite" on the PC first. Run the program and connect your Android mobile phone to the PC using a USB cable.
2 On the top menu, select **Device > Import to device > Import contacts**.
3 A popup window to select the file type and a file to import will appear.
4 On the popup, click the **Select a file** and Windows Explorer will appear.
5 Select the contacts file to import in Windows Explorer and click the **Open**.
6 Click **OK**.
7 A **Field mapping** popup to link the contacts in your device and new contacts data will appear.
8 If there is a conflict between the data in your PC contacts and device contacts, make the necessary selections or modifications in LG PC Suite.
9 Click **OK**.

Messaging

Your LG-E973 combines SMS and MMS into one intuitive, easy-to-use menu.

Sending a message

1 Touch 😊 on the home screen, and touch 📝 to open a blank message.

2 Enter a contact name or contact number in the To field. As you enter the contact name, matching contacts appear. You can touch a suggested recipient. You can add multiple contacts.

> **NOTE:** You will be charged for a text message for every person you send the message to.

3 Touch Enter message field and start to compose your message.

4 Press ≡ to open the Options menu. Choose from **Change skin**, **Add subject**, **Quick messages**, **Insert smilry** and **Discard**.

> **TIP!** You can touch 🖉 icon to attach the file you want to share with your message.

5 Touch **Send** to send your message.

6 Responses appear on the screen. As you view and send additional messages, a message thread is created.

> ⚠ **WARNING:** The 160-character limit may vary from country to country depending on the language and how the SMS is coded.

> ⚠ **WARNING:** If an image, video or audio file is added to an SMS message, it is automatically converted into an MMS message and you are charged accordingly.

Threaded box

Messages (SMS, MMS) exchanged with another party can be displayed in chronological order so that you can conveniently see an overview of your conversation.

Changing your message settings

Your LG-E973 message settings are predefined, so you can send messages immediately. You can change the settings based on your preferences.

- Touch Messaging icon on the home screen, and touch the **Menu** key, then tap **Settings**.

E-mail

You can use the E-mail application to read emails from services like Gmail. The E-mail application supports the following account types: POP3, IMAP and Exchange.

Your service provider or system administrator can provide the account settings you need.

Managing an email account

The first time you open the **E-mail** application, a setup wizard opens to help you to set up an email account.

After the initial setup, E-mail displays the contents of your inbox. If you have added more than one account, you can switch among accounts.

To add another email account:
• Touch ▦ > **Apps** tab > **E-mail** > touch ≡ > **Accounts** > in the **Accounts** screen, touch ≡ > **Add account.**

To change an email account's setting:
• Touch ▦ > **Apps** tab > **E-mail** > touch ≡ > **Accounts** > in the **Accounts** screen, touch ≡ > **Entire settings.**

To delete an email account:
• Touch ▦ > **Apps** tab > **E-mail** > touch ≡ > **Accounts** > in the **Accounts** screen, touch ≡ > **Remove account** > touch an account you want to delete > **Remove** > select **Yes.**

Working with account folders

Touch ▦ > **Apps** tab > **E-mail**, touch ≡ and select Folders.

Each account has an Inbox, Outbox, Sent and Drafts folder. Depending on the features supported by your account's service provider, you may have additional folders.

Composing and sending email

To compose and send a message

1 While in the **E-mail** application, touch the ✉.

2 Enter an address for the message's intended recipient. As you enter text, matching addresses are offered from your Contacts. Separate multiple addresses with semicolon.

3 Touch Cc/Bcc field to add Cc/Bcc and Touch 📎 to attach files if required.

4 Enter the text of the message.

5 Touch the 📨.

If you aren't connected to a network, for example, if you're working in airplane mode, the messages that you send are stored in your Outbox folder until you're connected to a network again. If it contains any pending messages, the Outbox is displayed on the **Accounts** screen.

TIP! When a new email arrives in the inbox, you will receive a notification by sound or vibration. Tap the email notification to stop notifications.

Camera

Getting to know the viewfinder
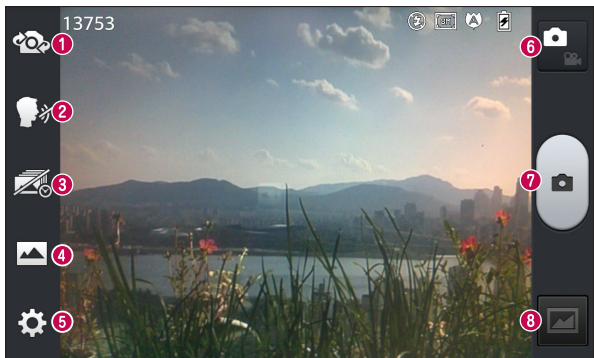
- ❶ **Swap camera** – Switch between the rear–facing camera lens and the front–facing camera lens.
- ❷ **Cheese shutter** – Say "Cheese" when you get ready to take a photo.
- ❸ **Time catch shot** – Touch this icon to capture the missing moment before pressing the shutter.
- ❹ **Shot mode** – Choose from **Normal**, **HDR, Panorama** or **Continuous shot**.
- ❺ **Settings** – Touch this icon to open the Settings menu.
- ❻ **Video mode** – Touch this icon to switch to video mode.
- ❼ **Taking a photo**
- ❽ **Gallery** – Touch to view the last photo you captured. This enables you to access your gallery and view saved photos within camera mode.

Taking a quick photo

1 Open the **Camera** application.

2 Hold the phone, point the lens towards the subject you want to photograph.

3 Touch the screen and a focus box will appear in the viewfinder screen.

4 When the focus box turns green, the camera has focused on your subject.

5 Touch ☻ to capture the photo.

Once you've taken the photo

Touch ▭ to view the last photo you captured.

▭ Touch to share your photo via SmartShare function.

◙ Touch to take another photo immediately.

◄ Touch to share your photo via **Bluetooth, E-mail, Facebook, FileShare, Gmail, Google+, Memo, Messaging, Picasa** or **Twitter.**

TIP! If you have an SNS account and set it up on your phone, you can share your photo with the SNS community.

☻ Touch to delete the photo.

Touch ≡ to open the options.

Set image as – Touch to use the photo as a Contact photo, Home Screen wallpaper or Lockscreen Wallpaper.

Move – Touch to move the photo to other place.

Copy – Touch to copy the selected photo and save it to other album.

Rename – Touch to edit the name of the selected picture.

Rotate left/right – To rotate left or right.

Crop – Crop your photo. Move your finger across the screen to select the area.

Edit – View and edit the picture.

◢ Select the photo resolution. If you choose the high resolution, the file size will increase, which means you will be able to store fewer photos in the memory.

FX Improves colour qualities in different lighting conditions.

☻ Applies artistic effects to the pictures.

▣ Applies the additional options for pictures.

Slideshow – Automatically shows you the images one after the other.

Details – Find out more information about the contents.

Using the advanced settings

In the viewfinder, touch 🔅 to open all advanced options.

📝 – Touch if you want to change the viewfinder menu.

⚡ – Allows you to turn on the flash when taking a photo in dark conditions.

🔍 – Zoom in or out

🔆 – This defines and controls the amount of sunlight entering the photo.

🔆 – Focuses on the specific spot.

🖼 – Select the photo resolution. If you choose the high resolution, the file size will increase, which means you will be able to store fewer photos in the memory.

📷 – Finds the color and light settings appropriate for the current environment.

ISO – The ISO rating determines the sensitivity of the camera's light sensor. The higher the ISO, the more sensitive the camera is. This is useful in darker conditions when you cannot use the flash.

WB – Improves colour qualities in different lighting conditions.

🎨 – Applies artistic effects to the pictures.

⏱ – Set a delay after the capture button is pressed. This is ideal if you want to be in the photo.

📍 – Activate to use your phone's location-based services. Take pictures wherever you are and tag them with the location. If you upload tagged pictures to a blog that supports geotagging, you can see the pictures displayed on a map.

NOTE: This function is only available when GPS is active.

🔊 – Select one of shutter sounds.

📷 – It automatically shows you the picture you just took.

🔄 – Restore all camera default settings.

❓ – Touch whenever you want to know how some function operates. This provides you with a quick guide.

TIP! When you exit the camera, some settings return to their defaults, such as white balance, colour tone, timer and scene mode. Check these before you take your next photo.

TIP! The Settings menu is superimposed over the viewfinder so, when you change elements of the photo colour or quality, you see a preview of the image change behind the Settings menu.

Video camera

Getting to know the viewfinder
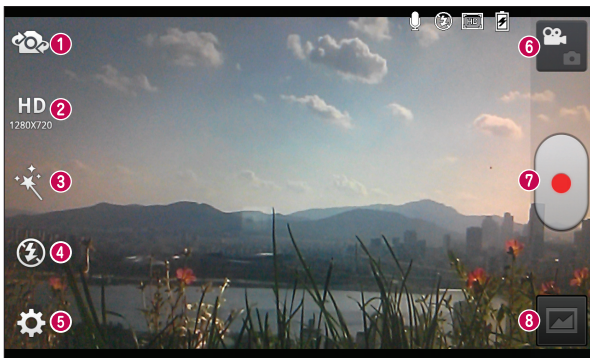
 ❶ Swap camera – Switch between the rear–facing camera lens and the front-facing camera lens.
 ❷ Video size – Touch to set the size (in pixels) of the video you are recording.
 ❸ Live effect – Live effect provides various visual effects when taking a video.
 ❹ Flash – Allows you to turn on the flash when taking a video in dark conditions.
 ❺ Settings – Touch this icon to open the settings menu.
 ❻ Camera mode – Touch this icon to switch to camera mode.
 ❼ Start recording
 ❽ Gallery – Touch to view the last video you recorded. This enables you to access your gallery and view your saved videos from within video mode.

Recording a quick video

1 Open the camera application and touch video mode button.

2 The video camera viewfinder appears on the screen.

3 Holding the phone, point the lens towards the subject you want to capture in your video.

4 Touch 🔴 once to start recording.

5 A red light appears at the top corner of the viewfinder with a timer showing the length of the video.

Tip!
Touch 📷 to capture image during recording a video.

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6 Touch ⏹ on the screen to stop recording.

Using the advanced settings

Using the viewfinder, touch ⚙ to open all the advanced options.

📝 – Touch if you want to change the viewfinder menu.

🔍 – Zoom in or zoom out.

▯ – This defines and controls the amount of sunlight entering the video.

wb – Improves colour qualities in different lighting conditions.

🎨 – Choose a colour tone to use for your new view.

📍 – Activate to use your phone's location-based services.

🎤 – Choose **Off** to record a video without sound.

▶ – Auto review automatically shows you the video you just recorded.

↻ – Restore all video camera default settings.

❓ – Touch if you want to know how this function operates. This provides you with a quick guide.

Adjusting the volume when viewing a video

To adjust the volume of a video while it is playing, use the volume keys on the phone.

Multimedia

Gallery

Touch ⊞ > **Apps** tab > **Gallery**. Open a list of catalogue bars that store all your multimedia files.

You can store multimedia files on a internal memory for easy access to all your multimedia files.

After recording a video

Your captured video will appear on the Gallery. Touch 🔲 to view the last video you recorded.

▶ Touch to play the video.

🔲 Touch to use the QSlide function. It is helpful when viewing a video you can also use other function.

🔳 Touch to change the ratio of the video screen.

🔲 Touch to share your video via SmartShare function.

🔒 Touch to lock a video screen.

◁ Touch to share the video via **Bluetooth, E-mail, Facebook, FileShare, Gmail, Google+, Messaging** or **YouTube.**

🗑 Touch to delete the video you just made. Confirm by touching **OK**. The viewfinder reappears.

Touch ≡ to open the options.

Move – Touch to move the video to other place.

Copy – Touch to copy the selected video and save it to other album.

Rename – Tap to edit the name of the selected video.

Details – Find out more information about the contents.

Videos

Your LG-E973 has a built-in video player that lets you play all your favourite videos. To access the video player, touch ⊞ > **Apps** tab > **Videos**.

Playing a video

1 Touch ⊞ > **Apps** tab > **Videos**.
2 Select the video you want to play.

⏸	Touch to pause playback a video.
▶	Touch to resume playback a video.
⏭	Touch to go 10 seconds forward.
⏮	Touch to go 10 seconds backward.
🔊	Touch to manage the video volume.

🔊 (Dolby icon)	Touch to set Dolby audio effect when connected with headset jack.
🔲 (QSlide icon)	Touch to use the QSlide function. It allows you to view a video and use(or operate) other functions on the main menu (or launch screen) at the same time.
🔲 (ratio icon)	Touch to change the ratio of the video screen.
🔲 (share icon)	Touch to share your video via SmartShare function.
🔒 (lock icon)	Touch to lock a video screen.

To change the volume while watching video, press the up and down volume keys on the phone.

Touch and hold any video in the list. It displays **Delete** and **Details** as options.

Tip!

Brightness Gesture Control
– When viewing the video, flick your finger up and down to control the brightness of the video screen.

Live Zooming – When viewing the video, use your index finger and thumb in a pinching or spreading motion to zoom in or out.

Video Wiz

You can make your own movie using your images/video and music.

1 Touch 🔢 > **Apps** tab > **Video Wiz**.
2 After seeing the brief introduction on the Steps, tap **OK**.
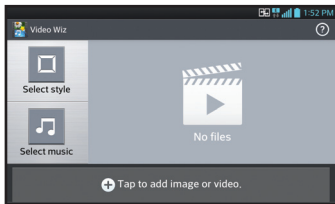
3 Tap ➕ to add images and/or video to your movie.
4 Tap the desired images and/or videos, then tap ✓.

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- To remove images or videos, tap 🗑 and select **Delete selected** or **Delete all files** ☑.
- To rearrange them, touch and hold an image/video, drag and drop it to the desired position.

5 Tap **Add style** to select the desired movie style.

- Scroll through and select the style you want. As you scroll through the styles, a preview is displayed.

6 Tap **Add music** to set the background music.

7 Tap ▶ to play your movie.

8 Tap ✎ to edit the video clip using Overlay Text, Overlay Image, or Trim Video.

- After editing the video, tap ☑.

9 Tap 💾 to save the video.

10 Tap ⓘ to view the help information on using this feature.

Media Home

Using media home

1 Touch ▦ > **Apps** tab > **Media Home**

2 Select the desired function among of **Photos**, **Videos**, and **Music**.

Setting media home

1 Touch ▦ > **Apps** tab > **Media Home** > **Settings**

2 You can change the settings based on your preferences.

> **Tip!**
> Once you connect your device to a TV or monitor via a MHL cable, media home apps will be launch automatically. Any apps that are running will be interrupted, including playback of DivX VOD movies.

Music Player

Your LG-E973 has a built-in music player that lets you play all your favourite tracks. To access the music player, touch ▦ > **Apps** tab > **Music Player**.

Transferring music files using USB mass storage devices

1 Connect the LG-E973 to a PC using a USB cable.

2 If you haven't installed LG Android Platform Driver on your PC, you need to change the settings manually. Choose **Settings** > **Connectivity** > **USB connection type**, then select **Media sync (MTP)**.

3 You can view the mass storage content on your PC and transfer the files.

Playing a song

1 Touch ⏹ > **Apps** tab > **Music Player**.
2 Touch **Songs**.
3 Select the song you want to play.

⏸	Touch to pause playback.
▶	Touch to resume playback.
▶▶	Touch to skip to the next track in the album, playlist.
◀◀	Touch to go back to the beginning of the song. Touch twice to return to the previous song.
🔊	Touch to manage the music volume.
🔁	Touch to set repeat mode.
🔀	Touch to set shuffle mode.
☰	Touch to see the current playlist.

To change the volume while listening to music, press the up and down volume keys on the right-hand side of the phone.

Touch and hold any song in the list. It displays **Play**, **Add to playlist**, **Set as ringtone**, **Delete**, **Share**, **Search** and **Details**.

NOTE: Music file copyrights may be protected by international treaties and national copyright laws. Therefore, it may be necessary to obtain permission or a licence to reproduce or copy music.
In some countries, national laws prohibit private copying of copyrighted material. Before downloading or copying the file, check the national laws of the relevant country concerning the use of such material.

LG Tag+
What is LG Tag+
LG Tag+ allows easy saving and loading to NFC tag, which can be customized to suit certain environments.

Using Tag+ writing
1 Touch ⏹ > **Apps** tab > **LG Tag+**.
2 Select the desired mode and tap **Write on NFC tag**.

3 Touch the back of your device to a tag, then launching application and changing settings can be set.

Using Tag+ reading

When touching the set tag, mode will be activated right away.

QuickMemo function

Use **QuickMemo function** to practically and efficiently create memos during a call, with a saved picture or on the current phone screen.
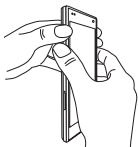
OR

1 Enter the QuickMemo function screen by pressing both the Volume up and down keys for one second on the screen you want to capture. Or touch and slide the status bar downwards and touch [icon].
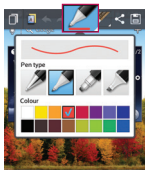
2 Select the desired menu option from **Pen type**, **Colour**, **Eraser**, and create a memo.

3 Touch [icon] in the Edit menu and select to save the memo with the current screen.

> **NOTE:** Please use a fingertip while using the QuickMemo function. Do not use your fingernail.

Using the QuickMemo options

While using the QuickMemo function, you can easily use the QuickMenu options.

[icon] – Select if you want to use the background screen or not.

◀ ▶ – Undo or Redo.

✎ – Select the pen type and the colour.

◈ – Erase the memo that you created.

◁ – Send or share the current QuickMemo to others.

💾 – Save the memo with the current screen.

Viewing the saved QuickMemo

Touch **Gallery** and select the QuickMemo album.

Notebook

With Notebook application, you can manage and personalize a wide variety of information.

Making a note

1 Touch ▦ > **Apps** tab > **Notebook**.
2 Touch **New note** to create a new note.
3 Select the desired mode(**Cover, Title, Paper, Paper colour**) and **OK**.

Getting to know the Notebook
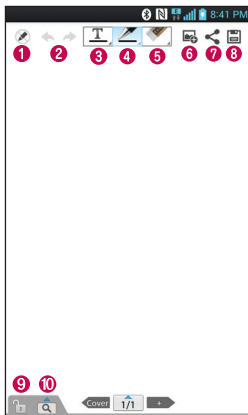
❶ ✎ – Select the Read only or edit mode.

❷ ◀ ▶ – Undo or Redo.

❸ 𝕋 – Tap this button to write.

❹ ✎ – Select the Pen type, Thickness, Opacity and Colour.

❺ ◈ – Erase the memo that you created.

❻ 📷 – Touch to attach the files using Picture, Capture picture, Video, Capture video, Audio, Record voice, Location, Sticker and Date and time.

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❼ ◁ – Share the current note to others via Gmail, E-mail, Bluetooth, Messaging, Picasa, Google+, Memo.

❽ 📋 – Save the note with the current screen.

❾ 🔒 – Select to lock or unlock the Front key.

❿ 🔍 – Tap this button to enlarge the input area.

Setting your alarm

1 Touch ▦ > **Apps** tab > **Alarm/Clock** > ⊕

2 After you set the alarm, the LG-E973 lets you know how much time is left before the alarm will invoke.

3 Set **Repeat**, **Snooze duration**, **Vibration**, **Alarm sound, Alarm volume, Auto App Starter, Puzzle lock** and **Memo**. Touch **Save**.

> **NOTE:** To change alarm settings on alarm list screen, touch the Menu key and select Settings. You can adjust the below options: Alarm in silent mode, Alarm volume, Side button behavior and Puzzle lock option.

Using your calculator

1 Touch ▦ > **Apps** tab > **Calculator.**

2 Touch the number keys to enter numbers.

3 For simple calculations, touch the function you want (+, −, x or ÷) followed by =.

4 For more complex calculations, touch ▤, select the **Advanced panel**, then choose sin, cos, tan, log and so on.

5 To check history tap the icon ▼.

Adding an event to your calendar

1 Touch ▦ > **Apps** tab > **Calendar.**

2 On the screen, you can find the different view types of the Calendar (Day, Week, Month, Agenda).

3 Tap on the date you want to add event on and touch ⊕.

4 Touch **Event name** then enter the event name.

5 Touch **Location** and enter the location. Check the date and enter the time you want your event to start and finish.

6 If you want to add a note to your event, touch **Description** and enter the details.

7 If you want to repeat the alarm, set **REPEAT**, and set **REMINDERS**, if necessary.

8 Touch **Save** to save the event in the calendar.

Voice recorder

Use the voice recorder to record voice memos or other audio files.

Recording a sound or voice

1 Touch ▦ > **Apps** tab and select **Voice Recorder**.

2 Touch ● to begin recording.

3 Touch ■ to end the recording.

4 Touch ▶ to listen to the recording.

NOTE: Touch ≡ to access your album. You can listen to the saved recording. Notice: the available recording time may differ from the real time.

Sending the voice recording

1 Once you have finished recording, you can send the audio clip by touching ◄.

2 Choose from **Bluetooth, Email, File-Share, Gmail, Memo** or **Messaging**. When you select **Email, Gmail, Memo** or **Messaging**, the voice recording is added to the message, then you write and send the message normally.

Voice Control

You can search by voice and complete other voice actions, such as calling or texting a contact, or sending an email with just a simple tap of the Voice Control icon.

1 Touch ▦ > **Apps** tab and select **Voice Control**.

2 Wait for the "**Say a command**" prompt, then say your query.

Task Manager

You can manage your applications with Task Manager. You can easily check the number of currently running applications and shut down applications. You can also uninstall the applications you have installed on your device.

Polaris Office

Polaris Office is a professional mobile office solution that lets users conveniently view various types of office documents, including Word, Excel and PowerPoint files, anywhere, anytime, using their mobile devices.

Touch ▦ > **Apps** tab > **Polaris Office.**

Viewing files

Mobile users can now easily view a wide variety of file types, including Microsoft Office documents and Adobe PDF, right on their mobile devices. When viewing documents using Polaris Office, the objects and layout remain the same as in their original documents.

FileShare

This feature allows you to share files from your phone.

1 Touch ▦ > **Apps** tab > **FileShare**.
2 Choose the types of content you would like to share. Choose from Images, Videos, Music and Document.

Backup

About backing up and restoring smart phone data

It recommends that you regularly create and save a backup file on the Internal Storage, especially before you update any software. Maintaining a current backup file on Storage memory might allow you to recover smart phone data if your smart phone is lost, stolen, or corrupted by an unforeseen issue.

This Backup application support between LG smart phones, other S/W version or OS. And so, when you buy the new LG smart phone, you can back up the current LG-E973 smart phone data on your new one.

If you have preloaded **Backup** application on your smart phone, you can back up and restore most of your smart phone data, **Applications** including unprotected applications, their settings, **Applications**

(Downloaded), Applications (Pre-installed), Bookmarks, **Calendar, Call log**, **Contacts**, **Home screen, Messages,** and **System settings** using this application.

- To perform a manual backup of your smart phone data.
- To schedule automatic backups of your smart phone data.
- To restore your smart phone data.

NOTE: Please note that the Backup function does not support the backup of the User data & Media data (Picture/Video). Please backup those files by using the Media sync (MTP). Connect your phone to your computer with a USB cable and touch Media sync (MTP).

Back up your smart phone data

1 Touch ▦ > **Apps** tab > and then select **Backup** > **Backup** > **Internal Storage.**
2 Touch the **Add new** to enter a name for your backup file, and then select **Continue**.
3 Select the check box next to the item you want to back up, and then select **Continue** to back up.

4 When all selected files backed up, you will see the message '**Done**' and select **Continue** to finish backing up data.

Scheduling automatic backups

You can also enable automatic backups of the data on your smart phone according to your schedule setting. To do this, complete the following steps:

1 Touch ▦ > **Apps** tab > and then select **Backup** > **Schedule.**

2 On the **Scheduled Backup Location** screen, touch **Internal Storage**.

3 From the list, select how often you want to back up your device data and settings, and select **Continue**.

4 Select the check box next to the data you want to back up, and then select **Continue** to finish the schedule set.

Restoring smart phone data

To restore data that is in your on-board device memory, mass storage mode must be turned off.

NOTE: All files that are stored on your smart phone are deleted before the backup file is restored.

1 Touch ▦ > **Apps** tab > and then select **Backup** > **Restore** > **Internal Storage**.

2 On the **Restore** screen, select a backup file that contains the data you want to restore.

3 Select the check box next to the item you want to restore, and then select **Continue** to restore to phone.

NOTE: Please note that your phone data will be overwritten with the contents of your backup.

4 If the backup file is encrypted, type the password that you set to encrypt.

5 When all selected files restored, you will see the message '**Done**' and select **Yes** to restart the phone.

NOTE:

- While in Mass storage mode, this Backup Application cannot be functioned. Select Charge only option when the USB cable is connected.
- You can set Enable encryption to encrypt your backup files for extra protection.

Press the **Menu** ▤ from the **Backup** screen, and select **Settings** > **Security**

> Enable encryption and select the check box. To restore synchronized organizer data, you must have an activation password.

NOTE:
You can also enable automatic delete old backups and only keep the most recent backup. Press the **Menu** from the **Backup** screen, and select **Settings > Scheduled backup > Auto delete old backups** to select the number of scheduled backups to keep.

Using SmartShare

SmartShare uses DLNA (Digital Living Network Alliance) technology to share digital content through a wireless network. Both devices must be DLNA certified to support this feature.

To turn SmartShare on and allow sharing contents

1 Touch ▦ > **Apps** tab > **SmartShare**.
2 Touch the **Menu** key ≡ > **Settings**.
3 Touch Discoverable to allow your device to be detected by other devices.

• Touch **Always accept request** if you would like to automatically accept sharing requests from other devices.

• Touch **Receive files** if you would like to allow the other devices to upload media files to my phone.

4 Under the My shared contents section, touch to checkmark the types of content you would like to share. Choose from **Photos**, **Videos**, and **Music**.
5 **SmartShare** is now activated and ready to share contents.

To control your renderer devices
Let your renderer device (e.g., TV) play multimedia contents from your remote content library (e.g., PC).

NOTE: Make sure that the DLNA functionality of your devices is properly configured (e.g., TV and PC).

1 Touch ▦ > **Apps** tab > **SmartShare**.
2 Touch the **To** button 🖵 and select the device from the renderer device list.
3 Touch the **From** button 🗎 and select the device of the remote content library.
4 You can browse the content library.
5 Touch and hold a content thumbnail and flick them to the top area with your finger or touch the **Menu** Key ≡ > **Play**.

To share contents from your phone to your renderer device (e.g. TV)

NOTE: Make sure that your renderer device is properly configured.

1 While watching your pictures or videos using the Gallery application, touch tab ⬜ / ⬜ / ⬜ on the Title area.

⬜ : Need to be connected network

⬜ : Select the device on network

⬜ : Currently, the content is being shared through SmartShare.

2 Select the device from renderer lists to play the files.

NOTICE: Check that your device is connected with your home network using Wi-Fi connection to use this application.

Some DLNA enabled devices (e.g. TV) support only the DMP feature of DLNA and will not appear in the renderer device list.

Your device might not be able to play some contents.

To download contents from the remote content library

1 Touch ▦ > **Apps** tab > **SmartShare**.

2 Touch the **From** button ▭ and select the device of the remote content library.

3 You can browse the content library.

4 Touch and hold a content thumbnail and then touch **Download**.

NOTICE: A few types of contents are not supported.

To upload contents from the remote content library

NOTE: Make sure that the internal storage is correctly mounted and the Receive files option in the Settings menu is checked.

1 Touch ▦ > **Apps** tab > **SmartShare**.

2 Touch the **From** button ▭ and select **My phone**.

3 You can browse the local content library.

4 Touch and hold a content thumbnail and then touch **Upload**.

5 Select the device of the remote content library to be uploaded.

NOTICE: Some DLNA enabled devices do not support the DMS upload functionality and will not upload files. A few types of contents are not supported.

The web

Internet

Browser gives you a fast, full-colour world of games, music, news, sport, entertainment and much more, right on your mobile phone. Wherever you are and whatever you enjoy.

> **NOTE:** Additional charges apply when connecting to these services and downloading content. Check data charges with your network provider.

Using the web toolbar

 Touch to go back a page.

 Touch to go forward a page, to the page you connected to after the current one. This is the opposite of what happens when you press the **Back** key, which goes to the previous page.

 Touch to go homepage.

 Touch to add a new window.

 Touch to access bookmarks.

Using options

Touch to view options.

Refresh – Update the current web page.

Save to bookmarks – Add the current web page as bookmark.

Share page – Allows you to share the web page with others via Bluetooth, E-mail, Facebook, FileShare, Gmail, Google+, Memo, Messaging, Picasa or Twitter.

Find on page – Allows you to find letters or words on the current web page.

Request desktop site – Allows you to view the web page as desktop.

Save for offline reading – Save current page to read it during offline.

Settings – Displays Browser settings.

Exit – Exit from the browser.

LG SmartWorld

LG SmartWorld offers an assortment of exciting content - games, applications, wallpaper and ringtones - giving LG phone users the chance to enjoy richer "Mobile Life" experiences.

How to Get to LG SmartWorld from Your Phone

1 Touch ▦ > **Apps** tab > tap the 🔵 icon to access LG SmartWorld.

2 Tap Sign in and enter ID/PW for LG SmartWorld. If you have not yet signed up, tap Register and get a LG Smart-World membership.

3 Download the content you want.

NOTE: What if there is no 🔵 icon?

1 Using a mobile Web browser, access LG SmartWorld (www.lgworld.com) and select your country.

2 Download LG SmartWorld App.

3 Execute and install the downloaded file.

4 Access LG SmartWorld by tapping the 🔵 icon.

How to use LG SmartWorld

• Participate in monthly LG SmartWorld promotions.

🔍 – Search Content.

☰ – Find contents by category(e.g. Games, Edudation, Entertainment etc).

▤ – List of downloaded/to-be updated contents.

• Try the easy "Menu" buttons to find what you're looking for fast.

Apps for you – Recommended content based on your previous choices.

Settings – Set Profile and Display.

Sign in – Set your ID and Password.

• Try other useful functions as well. (Content Detail screen)

NOTE: LG SmartWorld may not be available in all carriers or countries.

Settings

Touch ▦ > **Apps** tab > **Settings**.

WIRELESS & NETWORKS

Here, you can manage Wi-Fi and Bluetooth. You can also set up mobile networks and switch to airplane mode.

< Wi-Fi >

Wi-Fi – Turns on Wi-Fi to connect to available Wi-Fi networks.

TIP! How to obtain the MAC address

To set up a connection in some wireless networks with MAC filters, you may need to enter the MAC address of your LG-E973 into the router.

You can find the MAC address in the following user interface: Touch **Apps** tab > **Settings** > **Wi-Fi** > ≡ > **Advanced** > **MAC address**.

< Bluetooth >

Turns on Bluetooth to connect to Bluetooth devices. You can use Bluetooth to send data by running a corresponding application as on most other mobile phones.

Turning on Bluetooth and pairing up your phone with a Bluetooth device

You must pair your device with another device before you connect to it.

1 Touch ▦ > **Apps** tab > **Settings** > Set **Bluetooth** to **ON** from the WIRE-LESS & NETWORKS.

2 Tap **Bluetooth** menu again. Your phone will scan for and display the IDs of all available Bluetooth in-range devices. If the device you want to pair which isn't on the list, make sure the target device is set to be discoverable, then tap **Search for devices** again.

3 Choose the device you want to pair up with from the list.

Once the paring is successful, your device will connect to the device.

Sending pictures using Bluetooth

1 Select a picture > ≤ > **Bluetooth**

2 Check whether **Bluetooth** is **ON**, then select **Search for devices**.

3 Choose the device you want to send data to from the list.

Sharing your phone's data connection

USB/Bluetooth tethering and portable Wi-Fi hotspot are great features when there are no wireless connections available.

Settings

You can share your phone's mobile data connection with a single computer via a USB cable (USB tethering)/Bluetooth (Bluetooth tethering). You can also share your phone's data connection with more than a single device at a time by turning your phone into a portable Wi-Fi hotspot.

When your phone is sharing its data connection, an icon appears in the status bar and as an ongoing notification in the notifications drawer.

For the latest information about tethering and portable hotspots, including supported operating systems and other details, visit http://www.android.com/tether

To change Portable Wi-Fi hotspot settings:

- Touch ▦ > **Apps** tab > **Settings** > **More** from the WIRELESS & NETWORKS > **Portable Wi-Fi hotspot** > Choose options that you want to adjust.

TIP!

If your computer is running Windows 7 or a recent distribution of some flavours of Linux (such as Ubuntu), you don't usually need to prepare your computer for tethering. But if you're running an earlier version of Windows or another operating system, you may need to prepare your computer to establish a network connection via USB. For the most current information about which operating systems support USB tethering and how to configure them, visit http://www.android.com/tether.

To rename or secure your portable hotspot

You can change the name of your phone's Wi-Fi network name (SSID) and secure its Wi-Fi network.

1. Touch ▦ > **Apps** tab > **Settings**.
2. Touch **More** from the WIRELESS & NETWORKS and select **Portable Wi-Fi hotspot**.
3. Ensure **Portable Wi-Fi hotspot** is ticked.
4. Touch **Configure Wi-Fi hotspot**.
- The **Configure Wi-Fi hotspot** dialog box will open.

- You can change the network SSID (name) that other computers or devices see when scanning for Wi-Fi networks.

- You can also touch the **Security** menu to configure the network with Wi-Fi Protected Access 2 (WPA2) security using a pre-shared key (PSK).

- If you touch the **WPA2 PSK** security option, a password field is added to the **Configure Wi-Fi hotspot** dialog. If you enter a password, you will need to enter that password when you connect to the phone's hotspot with a computer or other device. You can set **Open** in the **Security** menu to remove security from your Wi-Fi network.

5 Touch **Save**.

ATTENTION!

If you set the security option as Open, you cannot prevent unauthorized usage of online services by other people and additional charges can be incurred. To avoid unauthorized usage, you are advised to keep the security option active.

Using the Wi-Fi Cast

You can share your music, picture and video content between users who use

Android Phones connected via the same Wi-Fi & Wi-Fi Direct network.

Check your Wi-Fi & Wi-Fi Direct network in advance and make sure the users are connected to the same network.

1 Touch ▦ > **Apps** tab > **Settings** > **More** from the WIRELESS & NETWORKS > **Wi-Fi Direct.**

2 Touch the Wi-Fi Direct checkbox to turn on.

3 Select a device to connect from the scanned device list.

4 Touch **Connect**.

Enabling Wi-Fi Direct to share through SmartShare

Wi-Fi Direct automatically scans nearby Wi-Fi Direct devices and the searched devices are listed as they are found and you can select a specific device to share multimedia data through SmartShare.

Wi-Fi Direct cannot be enabled while using other Wi-Fi functions.

1 Touch ▦ > **Apps** tab > **Settings** > **More** from the WIRELESS & NETWORKS > **Wi-Fi Direct.**

2 Select a device to connect from the scanned device list.

CREATE GROUP – Touch to activate group owner mode, which enables the legacy

Wi-Fi devices to connect by scanning your phone. In this case you must enter the password that is set in **Password**.

NOTE: When your phone becomes a group owner, it will consume more battery power than when it is a client. Wi-Fi Direct connection does not provide Internet service. Additional costs may be incurred when connecting and using online services. Check data charges with your network provider.

< Data usage >
Displays the data usage and set mobile data usage limit.

< Call >
You can configure phone call settings such as call forwarding and other special features offered by your carrier.

Fixed dialing numbers – To turn on and compile a list of numbers that can be called from your phone. You'll need your PIN2, which is available from your operator. Only numbers within the fixed dial list can be called from your phone.

Voicemail service – Allows you to select your carrier's voicemail service.

Voicemail settings – Allows you to check the voicemail number.

Save unknown numbers – Add unknown numbers to contacts after a call.

Call reject – Allows you to set the call reject function. Choose from **Disabled**, **Reject calls on list** or **Reject all calls**.

Quick messages – When you want to reject a call, you can send a quick message using this function. This is useful if you need to reject a call during a meeting.

TTY mode – Allows you to set the TTY mode.

Call forwarding – Choose whether to divert all calls, when the line is busy, when there is no answer or when you have no signal.

Call duration – View the duration of calls including Last call, All calls, Dialled calls and received calls.

Additional settings – This lets you change the following settings:

Caller ID: Choose whether to display your number on an outgoing call.

Call waiting: If call waiting is activated, the handset will notify you of an incoming call while you are in call (depending on your network provider).

< More >

Airplane mode – After switching to airplane mode, all wireless connections are disabled.

File Networking – Allows you to share folders with other devices via wireless connection.

Portable Wi-Fi hotspot – Allows you to share mobile network via Wi-Fi and you can configure the portable Wi-Fi hotspot settings.

Wi-Fi Direct – Make a connection directly with Wi-Fi devices without any Access Point.

Miracast – With Miracast, you can mirror phone screen and sound onto LG Miracast dongle or TV wirelessly.

Bluetooth tethering – Allows you to set your phone whether sharing the internet connection or not.

NFC – Your LG-E973 is NFC-enabled mobile phone. NFC (Near Field Communication) is a wireless connectivity technology that enables two-way communication between electronic devices. It operates over a distance of a few centimeters. You can share your contents with a NFC tag or another NFC support device via simple touch with your device. If you touch a NFC tag with your device, it will display the tag contents on your device.

To switch NFC on or off: From the home screen, touch and slide the notification drawer down with your finger, then select the NFC icon to turn it on.

NOTE: When the Airplane mode is activated, NFC application can be used.

Using NFC: To use NFC, make sure your device is switched on and activate the NFC, if disabled.

Android Beam – You can beam **Browser** pages, **YouTube** videos, **Contacts** from your screen to another device by bringing the devices together (typically back to back).

VPN – Displays the list of Virtual Private Networks (VPNs) that you've previously configured. Allows you to add different types of VPN.

Mobile networks – Set options for data roaming, network mode & operators, access point names (APNs) and so on.

NOTE: You must set a lock screen PIN or password before you can use credential storage.

DEVICE

< Sound >

Sound profile – You can choose the Sound, Vibrate only or Silent.

Volumes – You can manage the volume of Phone Ringtone, Notification sound, Touch feedback & system, Music, video, games and other media, Alarms.

Phone ringtone – Allows you to set your default incoming call ringtone.

Notification sound – Allows you to set your default notification ringtone.

Ringtone with vibration – Vibration feedback for calls and notifications.

Wise ringtone – You can set your phone ringtone's volume up automatically when outside noise is loud.

Quiet time – Set times to turn off all sounds except alarm and media.

Dial pad touch tones – Allows you to set the phone to play tones when using the dialpad to dial numbers.

Touch sounds – Allows you to set your phone to play a sound when you touch buttons, icons and other onscreen items that react to your touch.

Screen lock sound – Allows you to set your phone to play a sound when locking and unlocking the screen.

Vibrate on touch – Allows you to set the vibration feedback for phone screen touch.

< Display >

Brightness – Adjust the screen brightness.

Auto-rotate screen – Set to switch orientation automatically when you rotate the phone.

Screen timeout – Set the time for screen timeout.

Wise screen – Allows you to keep the screen on when your phone detects your face looking at the screen.

Font type – Change the type of the display font.

Font size – Change the size of the display font.

Aspect ratio correction – Change the resolution size of downloaded applications to fit the screen size.

Front key light – Set the front key light duration.

Notification flash – **Notification flash** is located on the left of the front camera. You can see the small LED light on when the LCD screen turns off, or when the phone is charging, and so on. You can configure the **Notification flash** to turn on/off. You can set the various options from the list of the notification flash items.

Motion sensor calibration – Allows you to Improve the accuracy of the tilt and speed of the sensor.

< **Home screen** >
Set the **Theme**, **Animation**, **Screen swipe effect, Wallpaper** or **Portrait view only.** Select the option to set **Scroll wallpaper**, **Scroll screens circularly** and **Home backup & restore**.

< **Lock screen** >
Select screen lock – Set a screen lock type to secure your phone. Opens a set of screens that guide you through drawing a screen unlock pattern. You can set among of **None, Swipe, Face Unlock, Pattern, PIN, Password**.

If you have enabled Pattern lock type then, When you turn on your phone or wake up the screen, you're asked to draw your unlock pattern to unlock the screen.

Wallpaper – You can select the wallpaper for lockscreen from Wallpapers or Gallery.

Clocks & shortcuts – Customize clocks & shortcuts on lock screen.

Screen effect – You can select the screen effect.

Owner info – Show owner info on lock screen.

Lock timer – Set the lock time after screen timeout.

Power button instantly locks – Set the screen lock when press the power button.

Vibrate on touch – Allows you to set the vibration feedback for phone screen touch.

< **Gesture** >
Move home screen items – Press and hold item and tilt device to move item within home screens or applications.

Tilt sensitivity – Test and adjust sensitivity of tilt sensor for home screen and applications.

Silence incoming calls – Flip device to mute incoming call.

Snooze or stop alarm – Flip device to snooze or stop alarm.

Pause video – Flip device to pause playing video.

Help – Help for gesture functions.

< Storage >
INTERNAL STORAGE – View the internal storage usage.

< Power saver >
Here, you can manage the battery and check the power saving items. Also, you can check the battery use.

< Apps >
You can view and manage the applications.

< Quad core control >
You can set the Eco mode to extend the battery life by dynamically optimizing CPU control policy.

PERSONAL

< Accounts & sync >
Permits applications to synchronize data in the background, whether or not you are actively working in them. Deselecting this setting can save battery power and lowers (but does not eliminate) data usage.

< Location services >
Google's location service – If you select Google's location service, your phone determines your approximate location using Wi-Fi and mobile networks. When you select this option, you're asked whether you consent to allowing Google to use your location when providing these services.

GPS satellites – If you select GPS satellites, your phone determines your location to street level accuracy.

Location & Google search – If you select google use your location to improve search results and other services.

< Security >
Encrypt phone – If you set this function, it will be required a PIN or password to decrypt your phone each time you power it on.

Set up SIM card lock – Set up Micro-USIM card lock or change the Micro-USIM PIN.

Password typing visible – Show last character of the hidden password as you type.

Phone administrators – View or deactivate device administrators.

Unknown sources – Default setting to install non-Market applications.

Trusted credentials – Display trusted CA certificates.

Install from storage – Choose to install encrypted certificates.

Clear credentials – Remove all certificates.

< Language & input >
Use the Language & input settings to select the language for the text on your phone and for configuring the on-screen keyboard, including words you've added to its dictionary.

< Backup & reset >
Change the settings for managing your settings and data.

Back up my data – Set to back up your settings and application data to the Google server.

Backup account – Set to back up your account.

Automatic restore – Set to restore your settings and application data when the applications are reinstalled on your device.

Factory data reset – Reset your settings to the factory default values and delete all your data. If you reset the phone in this way, you are prompted to reenter the same information as when you first started Android.

SYSTEM

< Date & time >
Use **Date & time** settings to set how dates are displayed. You can also use these settings to set your own time and time zone rather than obtaining the current time from the mobile network.

< Accessibility >
Use the **Accessibility** settings to configure accessibility plug-ins you have installed on your phone.

NOTE: Requires additional plug-ins to become selectable.

< PC connection >
USB connection type – You can set the desired mode: **Charge only, Media sync (MTP), USB tethering, LG software** or **Camera (PTP)**.

Ask on connection – Ask USB connection mode when connecting to a computer.

Help – Help for USB connection.

PC Suite – Check mark this to use LG **PC Suite** with Wi-Fi connection.

Please note that Wi-Fi network should be connected for LG PC Suite via Wi-Fi connection from the WIRELESS & NETWORKS.

On-Screen Phone – Displaying screen and controlling phone from PC are available through USB, Bluetooth or Wi-Fi connection.

Help - Help for LG software.

< Developer options >

Keep in mind that turning on these developer settings may result in irregular device behavior. The developer options are recommended only for advanced users.

< About phone >

View legal information and check phone status and software version.

Phone software update

Phone software update

LG Mobile phone software update from the Internet

For more information about using this function, please visit http://update.lgmobile.com or http://www.lg.com/common/index.jsp → select country and language.

This feature allows you to update the firmware on your phone to a newer version conveniently from the Internet without needing to visit a service centre. This feature will only be available if and when LG makes a newer firmware version available for your device.

As the mobile phone firmware update requires the user's full attention for the duration of the update process, please make sure you check all instructions and notes that appear at each step before proceeding. Please note that removing the USB data cable during the upgrade may seriously damage your mobile phone.

NOTE: LG reserves the right to make firmware updates available only for selected models at its own discretion and does not guarantee the availability of the newer version of the firmware for all handset models.

LG Mobile Phone software update via Over-the-Air (OTA)

This feature allows you to update your phone's software to a newer version conveniently via OTA, without connecting with a USB data cable. This feature will only be available if and when LG makes a newer firmware version available for your device.

First, you can check the software version on your mobile phone: **Settings** > **About phone** > **Software update** > **Check now for update**.

You can also delay the update by 1 hour, 4 hours, 8 hours or One day. In this case, the application will notify you to update when the time is up. You can also rearrange an update manually.

Phone software update

NOTE: Your personal data from internal phone storage—including information about your Google account and any other accounts, your system/application data and settings, any downloaded applications and your DRM licence—might be lost in the process of updating your phone's software.Therefore, LG recommends that you back up your personal data before updating your phone's software. LG does not take responsibility for any loss of personal data.

NOTE: This feature is dependent on your network service provider, region and country.

Specifications

DivX HD **DIVX**

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified® device that plays DivX video. Visit divx.com for more information and software tools to convert your files into DivX videos.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration.

DivX Certified® to play DivX® video up to HD 720p, including premium content.

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Dolby Mobile

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DTS **dts** 2.0 Channel

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Accessories

These accessories are available for use with the LG-E973. **(Items described below may be optional.)**

Travel adaptor

Stereo headset

User Guide
Learn more about your LG-E973.

Data cable
Connect your LG-E973 and PC.

Micro-USIM Slot Pin

NOTE:
- Always use genuine LG accessories.
- Failure to do this may void your warranty.
- Accessories may vary in different regions.

Troubleshooting

This chapter lists some problems you might encounter while using your phone. Some problems require you to call your service provider, but most are easy to fix yourself.

Message	Possible causes	Possible corrective measures
Micro-USIM error	There is no Micro-USIM card in the phone or it is inserted incorrectly.	Make sure that the Micro-USIM card is correctly inserted.
No network connection/ Losing network	Signal is weak or you're outside the carrier network.	Move towards a window or into an open area. Check the network operator coverage map.
	Operator applied new services.	Check whether the Micro-USIM card is more than 6~12 months old. If so, change your Micro-USIM at your network provider's nearest branch. Contact your service provider.
Codes do not match	To change a security code, you will need to confirm the new code by re-entering it.	If you forget the code, contact your service provider.
	The two codes you have entered do not match.	

Troubleshooting

Message	Possible causes	Possible corrective measures
Any application cannot be set	Not supported by service provider or registration required.	Contact your service provider.
Calls not available	Dialling error	New network not authorized.
	New Micro-USIM card inserted.	Check for new restrictions.
	Pre-paid charge limit reached.	Contact service provider or reset limit with PIN2.
Phone cannot be switched on	On/Off key pressed too briefly.	Press the On/Off key down for at least two seconds.
	Battery is not charged.	Charge battery. Check charging indicator on the display.

Message	Possible causes	Possible corrective measures
Charging error	Battery is not charged.	Charge battery.
	Outside temperature is too hot or cold.	Make sure phone is charging at a normal temperature.
	Contact problem	Check the charger and connection to the phone.
	No voltage	Plug the charger into a different socket.
	Charger defective	Replace charger.
	Wrong charger	Only use original LG accessories.
Number not permitted	The Fixed dialling number function is on.	Check the Settings menu and turn the function off.
Impossible to receive / send SMS & picture	Memory full	Delete some messages from the phone.
Files not opening	Unsupported file format	Check the file formats that can be supported.

Troubleshooting

Message	Possible causes	Possible corrective measures
The screen does not turn on when I receive a call.	Proximity sensor problem	If you use any protection tape or case, check to see if it has covered the area around the proximity sensor. Make sure that the area around the proximity sensor is clean.
No sound	Vibration mode	Check the settings status of the sound menu to make sure you are not in vibrate or silent mode.
Hang up or freeze	Intermittent software problem	Try to perform a software update via the website.

LIMITED WARRANTY STATEMENT

1. WHAT THIS WARRANTY COVERS:

LG offers you a limited warranty that the enclosed subscriber unit and its enclosed accessories will be free from defects in material and workmanship, according to the following terms and conditions:

1. The limited warranty for the product extends for ONE (1) year beginning on the date of purchase of the product by the original end user.
2. The limited warranty extends only to the original end user of the product and is not assignable or transferable to any subsequent purchaser/end user.
3. This warranty is good only to the original end user of the product during the warranty period as long as it is in Canada.
4. Upon request from LG, the consumer must provide information to reasonably prove the date of purchase.
5. During the applicable warranty period, LG will repair or replace at LG's sole option, without charge to the original end user, any defective component part of the phone or accessory.
6. LG may use rebuilt, reconditioned or new parts or components when repairing any product or replace a product with a rebuilt, reconditioned or new product.

2. WHAT THIS WARRANTY DOES NOT COVER:

1. Defects or damages resulting from use of the product in other than its normal and customary manner.
2. Defects or damages from abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized connections, unauthorized repair, misuse, neglect, abuse, accident, alteration, improper installation or other acts which are not the fault of LG, including damage caused by spills of food or liquids.
3. Breakage or damage to antennas unless caused directly by defects in material or workmanship.
4. The fact that the Customer Service Department at LG was not notified by the original end user of the alleged defect or malfunction of the product, during the warranty period.
5. Products which have had their serial numbers removed or made illegible.
6. Damage resulting from use of non-LG approved accessories.

7. All plastic surfaces and all other externally exposed parts that are scratched or damaged due to normal customer use.

8. Products serviced by non-authorized persons or companies.

Notes:
1. This limited warranty supersedes all other warranties, expressed or implied either in fact or by operations of law, statutory or otherwise, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose.

2. Shipping damage is the sole responsibility of the shipping company.

3. EXCLUSION OF LIABILITY:
No other express warranty is applicable to this product.

THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MARKETABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN. LG ELECTRONICS CANADA, INC. SHALL NOT BE LIABLE FOR THE LOSS OF THE USE OF THE PRODUCT, INCONVENIENCE, LOSS OR ANY OTHER DAMAGES, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OF, OR INABILITY TO USE, THIS PRODUCT OR FOR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTY OF MARKETABILITY APPLICABLE TO THIS PRODUCT.

4. HOW TO GET WARRANTY SERVICE:
To obtain warranty service, please call the following telephone number from anywhere in Canada:

LG Electronics Canada, Inc.

Tel. 1-888-LG-Canada (1-888-542-2623)
http://www.lg.com/ca_en (see links to "Support > Mobile phone support")

LG Electronics Canada Inc.
North York, Ontario