LG
Life's Good

User Guide

LG-E730F

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LG-E730F User Guide

This guide helps you to get started using your phone.

- Some of the contents of this manual may not apply to your phone, depending on the software and your service provider.
- 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

Safety Information

Please read and observe the following information for safe and proper use of your phone and to prevent damage.

⚠ Caution

Violation of the instructions may cause minor or serious damage to the product.

- Do not disassemble or open crush, bend or deform, puncture or shred.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- Only use the battery for the system for which it is specified.
- Only use the battery with a charging system that has been qualified with the system per this standard. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- Do not short circuit a battery or allow metallic conductive objects to contact

battery terminals.

- Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725-200x. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.

- Promptly dispose of used batteries in accordance with local regulations.

- Battery usage by children should be supervised.

- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.

- Improper battery use may result in a fire, explosion or other hazard.

- For those host devices that utilize a USB port as a charging source, the host device's user manual shall include a statement that the phone shall only be connected to products that bear the USB-IF logo or have completed the USB-IF compliance program.

Charger and Adapter Safety

- The charger and adapter are intended for indoor use only.
- Insert the battery pack charger vertically into the wall power socket.
- Unplug the power cord and charger during lightning storms to avoid electric shock or fire.
- Use the correct adapter for your phone when using the battery pack charger abroad.

Battery Information and Care

- Please read the manual of proper installation and removal of the battery.
- Please read the manual of specified charger about charging method.
- Do not damage the power cord by bending, twisting, or heating. Do not use the plug if it is loose as it may cause electric shock or fire.
Do not place any heavy items on the power cord. Do not allow the power cord to be crimped as it may cause electric shock or fire.

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• Unplug the power cord prior to cleaning your phone, and clean the power plug pin when it's dirty. When using the power plug, ensure that it's firmly connected. If 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 short-circuit the phone. Short-circuit of the terminal may damage the battery and cause an explosion. Always cover the receptacle when not in use.

• Recharge the battery after long periods of non-use to maximize battery life. Battery life will vary due to usage pattern and environmental conditions.

• Never store your phone in temperature less than -4 °F or greater than 122 °F.

• Charging temperature range is between 32 °F and 113 °F. Do not charge the battery out of recommended temperature range. Charging out of recommended range might cause the generating heat or serious damage of battery. And also, it might cause the deterioration of battery's

characteristics and cycle life.

• Do not use or leave the battery under the blazing sun or in heated car by sunshine. The battery may generate heat, smoke or flame. And also, it might cause the deterioration of battery's characteristics or cycle life.

• The battery pack has protection circuit to avoid the danger. Do not use near places that can generate static electricity more than 100V which could damage the protection circuit. Damaged protection circuits may generate smoke, rupture or ignite.

• When using the battery for the first time, if it emits a bad smell, you see rust on it, or anything else abnormal, do not use the equipment and bring the battery to the shop which it was bought.

• Keep batteries away from babies and small children. If children use the battery, their parents or legal guardians are responsible for supervising and teaching them about the safe handling of batteries and how to use batteries according to the manual with care.

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- If liquid from the battery rubs against skin or clothing, wash with fresh water. It may cause the skin inflammation. Remove and do not use the battery. Be careful that children do not swallow any parts (such as earphone, connection parts of the phone, etc.). This could cause asphyxiation or suffocation resulting in serious injury or death.

- 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 place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.

- Do not use harsh chemicals (such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. This could cause a fire.

- Always unplug the charger from the wall socket after the phone is fully charged to save unnecessary power consumption of the charger.

General Notice

• 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.

• 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.

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- 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 Center to replace the damaged antenna.

- 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. (Ringtones, 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 ringtone to vibration so you don't disturb others.

- Do not turn your phone on or off when putting it to 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.

Use accessories, such as earphones and headsets, with caution. Ensure that cables are tucked away safely and do not touch the antenna unnecessarily.

FCC Part 15 Class B Compliance

This device and its accessories comply with part 15 of FCC rules. Operation is subject to the following two conditions: (1) This device and its accessories may not cause harmful interference, and (2) this device and its accessories must accept any interference received, including interference that causes undesired operation.

Part 15.21 statement

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Part 15.105 statement

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful

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interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. if this equipment does cause harmful interference or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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.

Bodily Contact During Operation

This device was tested for typical use with the back of the phone kept 0.59 inches (1.5 cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.59 inches (1.5 cm) must be maintained between the user's body and the back of the phone, including the antenna, whether extended or retracted.

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Third-party belt-clips, holsters, and similar accessories containing metallic components should not be used. Avoid the use of accessories that cannot maintain 0.59 inches (1.5 cm) distance between the user's body and the back of the phone and have not been tested for compliance with FCC RF exposure limits.

Vehicle-Mounted External Antenna

(Optional, if available.)

To satisfy FCC RF exposure requirements, keep 8 inches (20 cm) between the user / bystander and vehicle-mounted external antenna. For more information about RF exposure, visit the FCC website at www.fcc.gov.

Caution

Use only the supplied antenna. Use of unauthorized antennas (or modifications to the antenna) could impair call quality, damage the phone, void your warranty and/ or violate FCC regulations.

Don't use the phone with a damaged antenna. A damaged antenna could cause a minor skin burn. Contact your local dealer for a replacement antenna.

Consumer Information About Radio Frequency Emissions

Your wireless phone, which contains a radio transmitter and receiver, emits radio frequency energy during use. The following consumer information addresses commonly asked questions about the health effects of wireless phones.

Are wireless phones safe?

Scientific research on the subject of wireless phones and radio frequency ("RF")

energy has been conducted worldwide for many years, and continues. In the United States, the Food and Drug Administration ("FDA") and the Federal Communications Commission ("FCC") set policies and procedures for wireless phones. The FDA issued a website publication on health issues related to cell phone usage where it states, "The scientific community at large … believes that the weight of scientific evidence does not show an association between exposure to radiofrequency (RF) from cell phones and adverse health outcomes. Still the scientific community does recommend conducting additional research to address gaps in knowledge. That research is being conducted around the world and FDA continues to monitor developments in this field. You can access the joint FDA/FCC website at http://www.fda.gov (under "C" in the subject index, select Cell Phones > Research). You can also contact the FDA toll-free at (888) 463-6332 or (888) INFO-FDA. In June 2000, the FDA entered into a cooperative research and development agreement through which additional

scientific research is being conducted. The FCC issued its own website publication stating that "there is no scientific evidence that proves that wireless phone usage can lead to cancer or a variety of other problems, including headaches, dizziness or memory loss." This publication is available at http://www.fcc.gov/oet/rfsafety or through the FCC at (888) 225-5322 or (888) CALL-FCC.

What does "SAR" mean?

In 1996, the FCC, working with the FDA, the U.S. Environmental Protection Agency, and other agencies, established RF exposure safety guidelines for wireless phones in the United States. Before a wireless phone model is available for sale to the public, it must be tested by the manufacturer and certified to the FCC that it does not exceed limits established by the FCC. One of these limits is expressed as a Specific Absorption Rate, or "SAR." SAR is a measure of the rate of absorption of RF energy in the body.

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Tests for SAR are conducted with the phone transmitting at its highest power level in all tested frequency bands. Since 1996, the FCC has required that the SAR of handheld wireless phones not exceed 1.6 watts per kilogram, averaged over one gram of tissue.

Although the SAR is determined at the highest power level, the actual SAR value of a wireless phone while operating can be less than the reported SAR value. This is because the SAR value may vary from call to call, depending on factors such as proximity to a cell site, the proximity of the phone to the body while in use, and the use of hands-free devices. 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 X.XX W/kg and when worn on the body, as described

in this user guide, is X.XX W/kg (body-worn measurements differ among phone models, depending upon available accessories and FCC 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 **ZNFE730F.**

For more information about SARs, see the FCC's OET Bulletins 56 and 65 at http://www.fcc.gov/Bureaus/Engineering_Technology/Documents/bulletins or visit the Cellular Telecommunications Industry Association website at http://www.ctia.org/consumer_info/index.cfm/AID/10371. You may also wish to contact the manufacturer of your phone.

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Can I minimize my RF exposure?

If you are concerned about RF, there are several simple steps you can take to minimize your RF exposure. You can, of course, reduce your talk time. You can place more distance between your body and the source of the RF, as the exposure level drops off dramatically with distance. The FDA/FCC website states that "hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit." Also, if you use your wireless phone while in a car, you can use a phone with an antenna on the outside of the vehicle. You should

also read and follow your wireless phone manufacturer's instructions for the safe operation of your phone.

Do wireless phones pose any special risks to children?

The FDA/FCC website states that "the scientific evidence does not show a danger to users of wireless communication devices, including children." The FDA/FCC website further states that "some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all". For example, the Stewart Report from the United Kingdom ["UK"] made such a recommendation in December 2000. In this report a group of independent experts noted that no evidence exists that using a cell phone causes brain tumors or other ill effects. [The UK's] recommendation to limit cell phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists. A copy of the UK's leaflet is available at http://www.dh.gov.uk (search "mobile"), or you can write to: NRPB, Chilton, Didcot, Oxon OX11 0RQ, United Kingdom.

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Copies of the UK's annual reports on mobile phones and RF are available online at www.iegmp.org.uk and http://www.hpa.org.uk/radiation/ (search "mobile"). Parents who wish to reduce their children's RF exposure may choose to restrict their children's wireless phone use.

Where can I get further information about RF emissions?

For further information, see the following additional resources (websites current as of April 2005):

U.S. Food and Drug Administration

FDA Consumer magazine
November-December 2000
Telephone: (888) INFO-FDA
http://www.fda.gov (Under "C" in the subject index, select Cell Phones > Research.)

U.S. Federal Communications Commission

445 12th Street, S.W.
Washington, D.C. 20554
Telephone: (888) 225-5322
http://www.fcc.gov/oet/rfsafety

Independent Expert Group on Mobile Phones

http://www.iegmp.org.uk

Royal Society of Canada Expert Panels on Potential Health Risks of Radio Frequency Fields from Wireless Telecommunication Devices

283 Sparks Street
Ottawa, Ontario K1R 7X9
Canada
Telephone: (613) 991-6990

World Health Organization

Avenue Appia 20
1211 Geneva 27
Switzerland
Telephone: 011 41 22 791 21 11
http://www.who.int/mediacentre/factsheets/fs193/en/

International Commission on Non-Ionizing Radiation Protection

c/o Bundesamt fur Strahlenschutz
Ingolstaedter Landstr. 1

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85764 Oberschleissheim
Germany
Telephone: 011 49 1888 333 2156
http://www.icnirp.de

American National Standards Institute

1819 L Street, N.W., 6th Floor
Washington, D.C. 20036
Telephone: (202) 293-8020
http://www.ansi.org

National Council on Radiation Protection and Measurements

7910 Woodmont Avenue, Suite 800
Bethesda, MD 20814-3095
Telephone: (301) 657-2652
http://www.ncrponline.org

Engineering in Medicine and Biology Society, Committee on Man and Radiation (COMAR) of the Institute of Electrical and Electronics Engineers

http://ewh.ieee.org/soc/embs/comar/

TIA Safety Information

The following is the complete TIA Safety Information for wireless handheld phones.

Exposure to Radio Frequency Signal

Your wireless handheld portable phone is a low power radio transmitter and receiver. When ON, it receives and 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)

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

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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).

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:

Don't 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.

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.

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Persons with pacemakers:

- Should ALWAYS keep the phone more than six (6) 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;
- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.

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 (or call the customer service line to discuss alternatives).

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is 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. Switch OFF your phone before boarding an aircraft.

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Blasting Areas

To avoid interfering with blasting operations, turn your phone OFF when in a "blasting area" or in areas posted: "Turn off two-way 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.

FDA Consumer Update

The U.S. Food and Drug Administration's Center 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 (RF) energy in the microwave range while being used. They also emit very low levels of RF when in idle 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 (RF) energy 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 does 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 users 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
- 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 built-in antennas, often called "cell", "mobile", or "PCS" phones. These types of wireless phones can expose the user to measurable Radio Frequency (RF) energy 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 Radio Frequency (RF) energy 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 pre-disposed 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 do not

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 long-term 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 ten 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 Radio Frequency (RF) energy.

The FDA has been a leading participant in the World Health Organization International Electro Magnetic 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.

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7. How can I find out how much Radio Frequency 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 Radio Frequency (RF) energy 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 phones 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 Radio Frequency energy coming from wireless phones?

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the Radio Frequency (RF) energy 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 tissue-simulating 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 Radio Frequency 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 Radio Frequency (RF) energy. 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 does 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 Radio Frequency (RF) energy, 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?

Radio Frequency (RF) energy from wireless phones can interact with some electronic devices. For this reason, the FDA helped develop a detailed test method to measure Electro Magnetic 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:

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.hpa.org.uk/radiation/)

Driving

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

- 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 or the law require it.

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 in 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 **Applications** > **Settings** > **Applications** > **Manage applications**

2 Once all applications appear, scroll to and select the application you want to uninstall.

3 Touch **Uninstall**.

2. Optimising 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 Google Mail™, Calendar, Contacts and other applications.
- Some applications you have downloaded may reduce battery power.

To check the battery power level:

- **Applications** > **Settings** > **About phone** > **Status**

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

Getting to know your phone

To monitor and control how battery power is being used:

• **Applications** > **Settings** > **About phone** > **Battery use**

Battery usage time is displayed at the top 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.

4. Using the hard reset (Factory reset)

If your phone needs to be restored to its original condition, use hard reset to reboot your phone.

1. When the phone is switched off, press and hold the **Volume down key + Power key** with your left hand.

2. When the LED on the bottom of the phone lights up, touch and hold the **Menu key + Back key** with your right hand. You need to do this immediately, before the screen displays the LG logo. Make sure your left

hand is still holding the Volume down and Power keys.

3. When the LG logo is displayed on the screen, continue to hold the keys for around 2 seconds, and then release all them at the same time, before the LG logo disappears.

Leave your phone for at least a minute while the hard reset is carried out. You will then be able to switch your phone back on.

Caution: If you perform a hard reset, all user applications and user data will be deleted. This cannot be reversed. Remember to back up any important data before performing a hard reset.

5. Using a microSD card

Pictures, music and video files, can only be saved to external memory.

Before using the built-in camera, you will need to insert a microSD memory card into your phone.

If you don't insert a memory card, you cannot save the pictures or videos you take with the camera.

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 stop applications:

1 Applications > Settings > Applications > **Manage applications**

2 Scroll to the desired application and touch **Stop** to stop it.

> **TIP!** To return to recent apps Press and hold the **Home** key. The screen then displays a list of applications you have recently used.

Getting to know your phone

7. Installing LG PC Suite

LG PC Suite IV is a program that helps you connect your mobile phone to a PC using a USB data communication cable. Once connected, you can use the functions of your mobile phone on your PC.

Major functions of LG PC Suite IV
- Easily create, edit and delete phone data
- Synchronise mobile phone data with PC data (contacts, calendar, SMS messages, bookmarks and call log)
- Easily transfer multimedia files (photos, videos, music) by simply dragging and dropping between a PC and your phone
- Transfer SMS messages from your phone to a PC
- Software update without losing your data

LG-E730F does not support the following functions:
– LG Air Sync (Web Sync, R-Click)
– To-do in Calendar
– Memo
– Java application

Installing LG PC Suite from your microSD

1 Insert your microSD memory card into your phone. (It may already be inserted)
2 Before connecting the USB data cable, make sure that **Mass storage only** mode is enabled on your phone. (In the applications menu, choose **Settings** > **Storage** > **Mass storage only** check box.)
3 Use the USB data cable to connect your phone to the PC.
4 In the status bar, drag the USB icon. Choose USB connected and Turn on USB storage. Then select "ok" to confirm. You can view the mass storage content on your PC and transfer files.
5 Copy the LGPCSuiteIV folder from mass storage to your PC.
6 Run the LGInstaller.exe file on your PC and follow the instructions.
7 When LG PC Suite IV installation is complete, disable **Mass storage only** mode to run LG PC Suite IV.

Or you can download the program from the LG website (www.lg.com). Go to www.lg.com and select your region, country and language.

Getting to know your phone

8. Synchronising your phone to a computer via USB

1 Use the USB cable to connect your phone to a USB port on your computer. Once connected, you will receive a notification that a USB connection has been made.

2 Open the notification drawer and touch USB connected.

3 Touch **Turn on USB storage** and select "Ok" to confirm that you want to transfer files between your phone's microSD card and the computer.

You will receive a notification when the phone connects as USB storage. You can now copy files to and from the microSD card.

During this time, you can't access the microSD card from your phone, so you can't use applications that rely on the microSD card, such as Camera, Gallery and Music.

To disconnect your phone from the computer:

Open the notification drawer and touch **Turn Off USB Storage** to disconnect your phone from the computer safely.

9. Hold your phone upright

Hold your mobile phone vertically, as you would a regular phone. The LG-E730F has an internal antenna. Be careful not to scratch or damage the back of the phone, as this may affect performance.

Getting to know your phone

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.

10. When the screen freezes

If the screen freezes or the phone does not respond when you try to operate it:
Remove the battery, reinsert it, then turn the phone on.

OR
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.

Device components

Earpiece

Proximity sensor

Camera lens

Home key
Return to the Home screen from any screen.

Menu key
• Check what options are available.
• Go to Google Search™ by pressing and holding this key.

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

Back key
Return to the previous screen.

Microphone

Getting to know your phone

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.

Earphone Jack

Charger/USB port

Power/Lock key
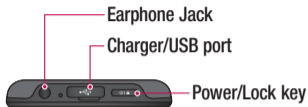
Volume keys
- In the Home screen: Control ringer volume.
- During a call: Control your earpiece volume.
- When playing a track: Control volume continuously.

Camera lens

SIM card slot

Back cover

microSD Card slot

Speaker
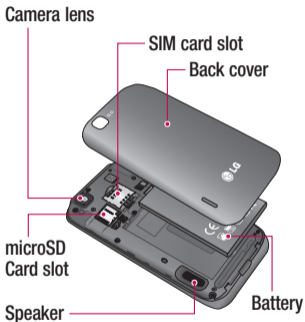
Battery

Getting to know your phone

Installing the SIM card and battery

Before you can start exploring your new phone, you'll need to set it up. To insert the SIM card and battery:

1 To remove the back cover, hold the phone firmly in one hand. With your other hand, firmly press your thumb on the back cover. Use the fingertip cutout to pull off the back cover with your forefinger.
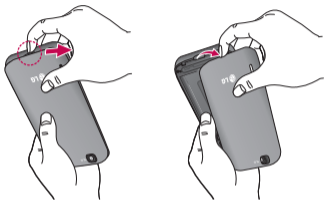
2 Slide the SIM card into the SIM card slot. Make sure the gold contact area on the card is facing downwards.
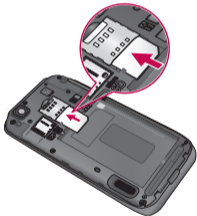
3 Insert the battery into place by aligning the gold contacts on the phone and the battery (1) and pressing it down until it clicks into place (2).

Getting to know your phone

4 Align the back cover over the battery compartment (1) and press it down until it clicks into place (2).

Charging your phone

Open the cover of the charger connector on the top. Insert the charger and plug it into an electrical outlet.

> **NOTE:** The battery must be fully charged initially to improve battery lifetime.

Using the memory card

To insert a memory card:

Insert the memory card into the slot. Make sure the gold contact area is facing downwards.

To remove the memory card safely:

Applications > Settings > Storage > Unmount SD card.
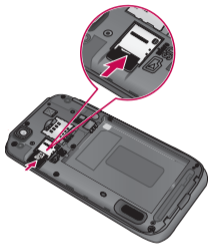
NOTE: The LG-E730F supports memory cards up to 32 GB.

Getting to know your phone

To format the memory card:

Your memory card may already be formatted. If it isn't, you must format it before you can use it.

NOTE: All files on your memory card are deleted when it is formatted.

1 On the Home screen, touch the **Applications** tab 🔡 to open the applications menu.

2 Scroll and touch **Settings** > **Storage**.

3 Touch **Unmount SD card** and touch OK to confirm it.

4 Touch **Erase SD card** > **Erase SD card** > **Erase everything**, then confirm your choice.

5 If you have set a pattern lock, input the pattern lock then select **Erase Everything**.

> **NOTE:** If there is content on your memory card, the folder structure may be different after formatting as all the files will have been deleted.

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-E730F, 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 upwards to unlock your home screen. The last screen you viewed will open.

Getting to know your phone

Secure your lock screen

You can lock your screen so that only you can unlock it to access your phone.

To set an Unlock Pattern, PIN or Password for the first time:

• **Applications** > **Settings** > **Location & security** > **Set up screen lock** > **Pattern, PIN or Password**

Once it is set, you can change it on the **Change screen lock** menu.

NOTE:

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 cannot recall your unlock pattern:

If you logged in to your Google account on the phone but failed to enter the correct pattern 5 times, tab the Forgotten pattern button. You are then required to log in with your Google account to unlock your phone.

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

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 customise each panel with widgets, shortcuts (to your favourite applications), folders and wallpaper.

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

On your Home screen, you can view quick keys at the bottom of the screen. Quick keys 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.

Your Home screen

 Touch the **Applications** tab 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.

Customising the Home screen

You can customise your Home screen by adding widgets, shortcuts, folders or wallpapers. For more convenience using your phone, add your favourite widgets to the Home screen.

To add items on your Home screen:

1 **Home screen** > **Menu** > **Add**

   OR

   Touch and hold the empty part of the Home screen.

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 Applications menu, touch and hold the application you want to add.

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 current application.

Your Home screen

Notification drawer

The notification drawer runs across the top of your screen.

Ring -
Vibration   Wi-Fi   Bluetooth   GPS   Data
Connectivity
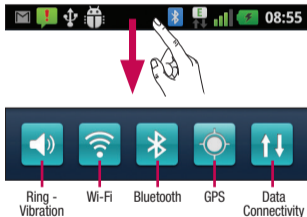
Touch and slide the notification drawer down with your finger.

Or, on the Home screen, press the **Menu** key and select **Notifications**. Here you can check and manage sound, Wi-Fi, Bluetooth and GPS as well as other notifications.

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.

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

Icon	Description
	No SIM card
	No signal
	Airplane mode
	Connected to a Wi-Fi network
	Wi-Fi Direct is on
	Wired headset

Icon	Description
	Call in progress
	Call hold
	Speakerphone
	Phone microphone is muted
	Missed call
	Bluetooth is on

Your Home screen

Icon	Description
🔵	Connected to a Bluetooth device
⚠	System warning
🕐	Alarm is set
○○	New voicemail
🔇	Ringer is silenced
📳	Vibrate mode
🔋	Battery fully charged

Icon	Description
🔋	Battery is charging
🔀	Data in and out
🔌	Phone is connected to PC via USB cable
⬇	Downloading data
⬆	Uploading data
◎	GPS is acquiring
◎	Receiving location data from GPS

Icon	Description
■	On-Screen Phone connected
◀③	3 more notifications not displayed
◌	Data is syncing
⬇	Download finished
M	New Gmail
talk	New Google Talk message
😊	New message

Icon	Description
▶	Song is playing
1	Upcoming event
📻	FM radio turned on in the background
🔌	USB tethering is active
📶	Portable Wi-Fi hotspot is active
◎	Both USB tethering and portable hotspot are active

Your Home screen

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 capitalise the next letter you type. Double-tap for all caps.

123? ABC Tap to switch to the numbers and symbols keyboard. You can also touch and

hold this tab to view the Settings menu.

⊕ Tap to view or press and hold to change the writing language.

⌣ Tap to insert an emoticon when writing a message.

⎵ Tap to enter a space.

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

⌫ Tap to delete the previous character.

⬇ Tap to hide the onscreen keyboard.

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

• **Applications** > select a Google application, such as **Gmail** > select **Create** to create a new account.

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

Once you have set up your Google account on your phone, your phone automatically synchronises 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 synchronised with your phone. (This depends on your synchronisation 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 highspeed Internet access within the coverage of the wireless access point (AP). 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 **Applications** > **Settings** > **Wireless & networks** > **Wi-Fi settings**.

Connecting to Networks and Devices

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

• A list of available Wi-Fi networks is displayed. Secured networks are indicated by a lock icon.

3 Touch a network to connect to it.

• If the network is open, you are asked to confirm that you want to connect to that network by touching **Connect**.

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

4 The status bar displays icon that indicate Wi-Fi status.

Bluetooth

You can use Bluetooth to send data by running a corresponding application, not from the Bluetooth menu as on most other mobile phones.

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

1 **Applications** > **Settings** > **Wireless & networks** > **Bluetooth** > **ON**
2 Go to **Bluetooth settings** > **Scan for devices**
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.

Connecting to Networks and Devices

If the device you want to pair up with is not on the list, make sure that target device is set to be **Discoverable**, then scan again.

Sending pictures using Bluetooth

1 Select a picture > **Menu** > **Share** > **Bluetooth**

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

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

Sharing your phone's data connection

USB tethering and portable Wi-Fi hotspot are great features when there are no wireless connections available. You can share your phone's mobile data connection with a single computer via a USB cable (USB 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 USB tethering & portable Wi-Fi hotspot settings:

• **Applications** > **Settings** > **Wireless & networks** > **Tethering & portable hotspot** > Choose options that you want to adjust

Connecting to Networks and Devices

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 On the Home screen, touch the **Applications** tab 🔡 and select **Settings**.

2 Touch **Wireless & networks** and select **Tethering & Portable hotspot**.

3 Ensure **Portable Wi-Fi hotspot** is ticked.

4 Touch **Portable Wi-Fi hotspot** settings.

5 Touch **Configure Wi-Fi hotspot**.

• The **Configure Wi-Fi hotspot** dialog box will open.

• You can change the network SSID (name) that other computers 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 touch **Open** in the **Security** menu to remove security from your Wi-Fi network.

ATTENTION!

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

6 Touch **Save**.

Connecting to Networks and Devices

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 Directed network.

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

1 **Applications** > **Settings** > **Wireless & networks** > **Wi-Fi Direct Settings** > **Wi-Fi Direct** > **ON**

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

3 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 Smart Share.

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

1 **Applications** > **Settings** > **Wireless & networks** > **Wi-Fi Direct Settings**

2 Ensure **Wi-Fi Direct** is **ON**.

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

Forced Group owner mode – 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 the **Menu** > **Advanced** > **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.

Connecting to Networks and Devices

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 **Applications** tab 🔡 and select **SmartShare**.

2 Press the **Menu** key and select **Settings**.

3 Touch Discoverable checkbox to turn on.

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

- Touch **Receive files** if you would like to automatically allow upload files to my phone from other devices.

4 Under the Sharing contents section, touch to checkmark the types of content you would like to share. Choose from **Pictures**, **Videos** and **Music**.

5 **SmartShare** is now activated and ready to share contents.

To share contents from remote content library to other 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 the top right button to or select the device from renderer lists.

2 Touch the top left button and select the device of the remote content library.

3 You can browse the content library.

4 Touch a content thumbnail or press the Menu key and select Play button.

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 browsing your pictures or videos using the **Gallery** application, touch and hold to select files. Then you will be able to select multiple files to be shared.

Connecting to Networks and Devices

2 Touch **Share** on the menu and select the **SmartShare**.

3 **SmartShare** is automatically launched with the selected files.

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

> **NOTE:** Follow the similar steps to use the Music player, Camera and Video player to share contents.

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 remote content library

1 Touch **Applications** tab ⊞ and select **SmartShare**.

2 Touch the top left button and select the device of the remote content library.

3 You can browse the content library.

4 Touch a content thumbnail then touch **Download menu key**.

Notice: A few types of contents are not supported.

To upload contents from my phone to remote content library

> **NOTE:** Mare sure that SD card is correctly mounted and the Receive files in settings menu is checked.

1 Touch **Applications** tab ⊞ and select **SmartShare**.

2 Touch the top left button and select My phone.

3 You can browse the content library.

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

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

Notice: Some DLNA enabled devices do not support DMS upload functionality and will not be uploaded. A few types of contents are not supported.

Calls

Making a call

1 Touch [icon] to open the keypad.

2 Enter the number using the keypad. To delete a digit, touch the [icon].

3 Touch the [icon] to make a call.

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

> **TIP!** To enter "+" to make international calls, touch and hold $\boxed{0+}$.

Calling your contacts

1 Touch [icon] 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**.

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

Answering and rejecting a call

When you receive a call in Lock state, drag the 📞 to the right to answer incoming call.

Drag the 📞 to the left to reject an incoming call.

Drag the **Excuse messages** bar from the bottom if you want to send one.

TIP! Excuse messages

You can send a message quickly using this function. This is useful if you need to reply the message during a meeting.

Adjusting 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 **Dialpad** 🔢 and dial the number. Also, you can search your contacts by touching Contacts 👤 and select the number you want to call.

2 Touch the 📞 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 calls** 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**.

NOTE: You are charged for each call you make.

Viewing your call logs

On the Home screen, touch 🖼 and choose the **Call log** tab.

View a complete list of all dialled, received and missed voice calls.

TIP! Touch any call log entry to view the date, time and duration of the call.

TIP! Press the **Menu** key, then touch **Delete all** to delete all the recorded items.

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 the **Applications** tab 🔡 to open the applications menu.

2 Scroll and touch **Settings**.

3 Tap **Call settings** and choose the options that you want to adjust.

Contacts

Add contacts to your phone and synchronise 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** 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** and then **Create new contact**.

2 If you want to add a picture to the new contact, touch the image area. Choose from **Capture picture** or **Pick 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 blue.

Removing a contact from your favourites list

1 Touch to open your contacts.

2 Touch the **Groups** tab, select **Favourites** at the top of the list and choose a contact to view its details.

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

Contacts

Moving contacts from your old phone to your new phone

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

1 Install PC Suite IV on the PC first. Run the program and connect your Android mobile phone to the PC using a USB cable.

2 Select the 🖼. Go to **File** > **Import** and select the CSV file saved on your PC.

3 If the fields in the imported CSV file are different from those in PC Suite IV, you need to map the fields. After mapping the fields, click OK. The contacts are then added to PC Suite IV.

4 If PC Suite IV detects the connection of your LG-E730F phone (using the USB cable), click Sync or Sync contacts to synchronise the contacts saved on your PC with your phone.

Messaging

Your LG-E730F combines SMS and MMS into one intuitive, easy-to-use menu.

Sending a message

1 Touch 💬 icon on the home screen, and touch **New message** 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 the **Menu** key to open the Options menu. Choose from **Add subject**, **Attach**, **Send** and **More**.

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

Messaging

6 The message screen opens, with your message after Recipient Name/Number. 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.

Using Smilies

Liven up your messages using Smilies.

When writing a new message, press the **Menu** key, then choose **Insert smiley**.

Changing your message settings

Your LG-E730F message settings are predefined, so you can send messages immediately. You can change the settings based on your preferences.

Email

You can use the Email application to read emails from services other than Google Mail. The Email 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 **Email** application, a setup wizard opens to help you to set up an email account.

To add another email account:
• **Applications** > **Email** > in the account screen, touch **Menu** > **Add account**

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

To change an email account's setting:
• **Applications** > **Email** > in the account screen, touch **Menu** > **Settings**

To delete an email account:

• **Applications** > **Email** > in the account screen, touch **Menu** > **Settings** > touch an account you want to delete > **Remove account**

Email account screen

You can touch an account to view its Inbox. The account from which you send email by default is indicated with a tick.

 – Touch to open your Combined Inbox, with messages sent to all of your accounts. Messages in the Combined Inbox are colour coded on the left, by account, using the same colours used for your accounts in the Accounts screen.

 – Touch the folder icon to open the account folders.

Only the most recent emails in your account are downloaded to your phone. To download more (earlier) email messages, touch **Load more emails** at the bottom of the emails list.

Email

Working with account 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 **Email** application, touch the **Menu** key, then touch **Compose**.

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 Add Cc/Bcc and add attachment files if required.

4 Enter the text of the message.

5 Touch the **Send** button.

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
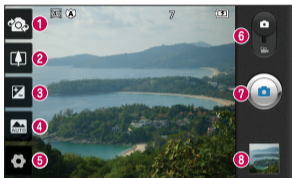
1 Switch lenses – Switch between the rear–facing camera lens and the front–facing camera lens.

2 Zoom – Zoom in or zoom out. Alternatively you can use the side volume keys.

3 Brightness – This defines and controls the amount of sunlight entering the image.

4 Scene mode – Choose from **Auto**, **Portrait**, **Landscape**, **Sports**, **Night** and **Sunset**.

5 Settings – Touch this icon to open the Settings menu.

6 Video mode – Slide this icon down to switch to video mode.

7 Taking a photo

8 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 and hold the 📷 lightly and a focus box will appear in the centre of the viewfinder screen.

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

5 Take your finger off the 📷.

Once you've taken the photo

Your captured photo appears on the screen.

Share Touch to share your photo using **SmartShare**, **Bluetooth**, **E-mail**, **Facebook**, **Gmail**, **Messaging**, **Picasa**, **Social+**, **Twitter** or **Wi-Fi Cast**.

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

Camera

Set as Touch to use the image as a **Contact icon** or **wallpaper**.

Rename Touch to edit the name of the selected picture.

📟 Touch to delete the image.

📷 Touch to take another photo immediately. Your current photo is saved.

Using the advanced settings

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

🔄 – Restore all camera default settings.

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

Change camera settings by scrolling through the list. After selecting the option, touch the **Back** key.

🔅 – Focuses on the specific spot.

– Select the image 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.

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.

– Select various shot modes.

– It automatically shows you the picture you just took.

– 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.

Camera

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

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 image colour or quality, you see a preview of the image change behind the Settings menu.

Video camera

Getting to know the viewfinder
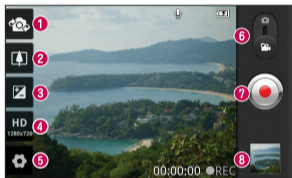
❶ **Switch lenses** – Switch between the rear–facing camera lens and the front-facing camera lens.

❷ **Zoom** – Zoom in or zoom out. Alternatively you can use the side volume keys.

❸ **Brightness** – This defines and controls the amount of sunlight entering the video.

❹ **Video size** – Touch to set the size (in pixels) of the video you record.

❺ **Settings** – Touch this icon to open the settings menu.

❻ **Camera mode** – Slide this icon up 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.

Video camera

Shooting a quick video

1 Slide the **Camera** mode button down and the icon changes to .

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 Press the Record button once to start recording.

5 REC appears at the bottom of the viewfinder with a timer showing the length of the video.

6 Touch on the screen to stop recording.

After shooting a video

A still image representing your video will appear on the screen.

Play	Touch to play the video.
Share	Touch to share your photo using **SmartShare**, **Bluetooth**, **E-mail**, **Facebook**, **Gmail**, **Messaging**, **Wi-Fi Cast** or **Youtube**.
Rename	Touch to edit the name of the selected video.

– Touch to shoot another video straight away. Your current video is saved.

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

Using the advanced settings

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

 – Restore all video camera default settings.

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

Adjust the video camera setting by scrolling through the list. After selecting the option, touch the **Back** key.

WB – Improves colour qualities in different lighting conditions.

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

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Video camera

⊠ – Set a duration limit for your video. Choose between Normal and MMS to limit the maximum size to send as an MMS message.

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

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

Adjusting the volume when viewing a video

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

Multimedia

You can store multimedia files on a memory card for easy access to all your image and video files.

Gallery

Touch the **Applications** tab , then select **Gallery**. Open a list of catalogue bars that store all your multimedia files.

NOTE: Make sure you install a memory card in the phone to save photos and access all your pictures. Without a memory card, the phone does not display photos or videos without Picasa images, which are in your Picasa album.

Multimedia

Timeline view

LG-E730F **Gallery** provides a timeline view of your photos and videos. In grid view mode, drag ⊞◯🖼 to the right and the date you took your photos is displayed, starting with the most recent. If you select a specific date, all the photos you took on that day are grouped.

Music

Your LG-E730F has a built-in music player that lets you play all your favourite tracks. To access the music player, touch **Music**.

Transferring music files using USB mass storage devices

1 Connect the LG-E730F 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** > **Storage**, then select **Mass storage only**.

3 Touch **Turn on USB storage**.

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

NOTE: You need to install an SD card first. Without an SD card, you cannot use USB mass storage.

NOTE: If you installed LG Android Platform Driver, you will immediately see a pop-up saying Turn on USB storage.

Playing a song

1 In the Home screen, touch the **Applications** tab 🎛 and select **Music**.

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 or shuffle.
⏮	Touch to skip to the previous track in the album, playlist or shuffle.
🎵	Touch to see music library screen.
🔁	Touch to set repeat mode.
🔀	Touch to play the current playlist in shuffle mode.
📋	Touch to see the current playlist.

Multimedia

🗒	Touch to see lyrics. This option is on only if the song includes the lyrics.

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

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

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.

FM Radio

Your LG-E730F has a built-in FM Radio so you can tune in to your favourite stations and listen on the go.

NOTE: You need to use your headphones to listen to the radio. Insert them into the headphone jack.

Searching for stations

You can tune in to radio stations by searching for them manually or automatically. They are then saved to specific channel numbers, so you don't have to find them again.
You can store up to 48 channels on your phone.

Tuning in automatically

1 In the Home screen, touch the **Applications** tab 🎛 and select **FM Radio**.

Multimedia

2 Press the **Menu** key, then touch **Auto scan**.

3 If there are preset channels, you will see a pop-up asking "Reset all channels and start auto scan?". If you choose OK, all the preset channels are deleted and **Auto scan** starts.

4 During auto scanning, touch **Stop** if you want to stop scanning. Only scanned channels are saved before you stop scanning.

NOTE: You can also manually tune in to a station using the on-screen wheel.

TIP! To improve radio reception, extend the headset cord as this also functions as the radio antenna.

If you connect a headset not specifically made for radio reception, radio reception may be poor.

Utilities

Setting your alarm

1 **Applications** > **Alarm/Clock** > 🕐 > **New alarm**

2 After you set the time, the LG-E730F lets you know how much time is left before the alarm will sound.

3 Set **Snooze duration**, **Vibration**, **Alarm tone** and **Puzzle lock** then add a label to name the alarm. Touch **Save**.

Using your calculator

1 **Applications** > **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, press the **Menu** key, touch the **Advanced panel**, then choose sin, cos, tan, log and so on.

Utilities

Adding an event to your calendar

1 **Applications** > **Calendar**
2 To check the event, touch the date. Touch the **Menu** key if you want to add a new event. Touch **New event**.
3 Touch **What** then enter the event name. Check the date and enter the time you want your event to start and finish.
4 Also touch **Where** then enter the location.
5 If you want to add a note to your event, touch **Description** and enter the details.
6 If you want to repeat the alarm, set **Repetition**, and set **Reminders**, if necessary.
7 Touch **Save** to save the event in the calendar.

Changing your calendar view

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

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.

Managing files

Polaris Office provides mobile users with convenient file management features, including copying, cutting and pasting, and deleting files and folders right on the device.

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.

The web

Browser

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 forwards 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 show all your open windows.

 Touch to add a new window.

 Touch to change web browser settings.

Using options

Press the **Menu** key to view options.

⭐ **Bookmarks** – View your current bookmarks and add a new bookmark. You can also view your browser history.

⭐ **Add bookmark** – Add the current web page as a bookmark.

📄 **Read it later** – Added in **Read it later**.

📡 **Add RSS Feed** – Add the current web page to the RSS feed.

🔄 **Share page** – Allows you to share the web page with others.

⊙ **More**

• **Find on page:** Allows you to find letters or words on the current web page.

• **Select text:** Allows you to copy any text from the web page.

• **Add shortcut to Home:** Add the shortcut for the current web page to the Home screen.

• **Page info:** Displays the web page information.

• **Downloads:** Displays your download history.

LG On-Screen Phone 2.0

LG On-Screen Phone 2.0 allows you to view your mobile phone screen from a PC via a USB, Bluetooth, or Wi-Fi connection.

You can also control your mobile phone from your PC using the mouse or keyboard.

On-Screen Phone 2.0 icons

- Connects your mobile phone to your PC, or disconnects it.
- Rotates the On-Screen Phone window (only available at applications that support rotation).

- Launches LG Home Panorama or changes the On-Screen Phone preferences.
- Exits the On-Screen Phone program.
- Maximises the On-Screen Phone window.
- Minimises the On-Screen Phone window.

On-Screen Phone 2.0 features

- **Real-time transfer and control:** Displays and controls your mobile phone screen when connected to your PC.

- **Mouse control:** Allows you to control your mobile phone by using the mouse to click and drag on your PC screen.
- **Text input with keyboard:** Allows you to compose a text message or note using your computer keyboard.
- **File transfer (mobile phone to PC):** Sends a file from your mobile phone (e.g. Gallery, Video Player, Music and Polaris Office) to your PC. Simply right-click and drag to send a file to your PC.

- **File transfer (PC to mobile phone):** Sends files from your PC to your mobile phone. Simply select the files you wish to transfer and drag and drop into the On-Screen Phone window. The files you send are stored on OSP folder.
- **Real-time event notifications:** Prompts a pop-up to inform you of any incoming calls or text, as well as alarm and event notifications.

LG On-Screen Phone 2.0

• **LG Home Panorama:** Shows the whole workspaces of LG Home. You can easily organise icons or widgets and run an application by double-clicking the shortcut.

> **NOTE:** Please make sure LG Home is a default launcher.

Installing On-Screen Phone on your PC

If you install LG PC Suite IV, the On-Screen Phone program will also be downloaded on your PC. Then you can install the On-Screen Phone on your PC.

Connecting your phone to your PC

On-Screen Phone 2.0 provides USB, Bluetooth and Wi-Fi connection.
Please follow the instruction on Connection Wizard of OSP program.

NOTE: Please make sure that On-Screen Phone check box in **Settings** > **Wireless & network** > **On-Screen Phone settings is selected**.

Please make sure that the battery may run out more quickly due to the current consumption if On-Screen Phone is connected via Wi-Fi.

Checking the On-Screen Phone connection

Once the devices have been connected,

drag down the status bar at the top of the home screen to check the On-Screen Phone connection status.

Disconnecting your phone from your PC

Click ▣ in the top left of the On- Screen Phone window. Or drag down the notification bar at the top of the home screen and select "On-Screen Phone connected". Touch "Ok" in the disconnect dialog.

Settings

In the Home screen, touch the **Applications** tab 🌐 then scroll to and touch **Settings**.

Wireless & networks

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

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

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

Wi-Fi settings – Allows you to set up and manage wireless access points. Set network notification or add a Wi-Fi network. The advanced Wi-Fi settings screen is accessed from the Wi-Fi settings screen. Press the **Menu** key and touch **Advanced**.

Wi-Fi Direct Settings – Set Wi-Fi Direct device name and scan for other devices.

Bluetooth – Turns on Bluetooth to connect to Bluetooth devices.

Bluetooth settings – Set device name & discoverable mode, scan for other devices. Alternatively, check a list of Bluetooth devices that you've previously configured as well as those detected when the phone last scanned for Bluetooth devices.

Tethering & portable hotspot – You can configure the USB tethering and portable Wi-Fi hotspot settings.

Settings

VPN settings – 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.

On-Screen Phone settings – Allows you to turn on On-Screen Phone and to change the On-Screen Phone password (the default password is "0000").

Call settings

< **Fixed Dialing Numbers** >

Select **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 >

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

Voicemail settings – If you are using your carrier's voicemail service, this option allows you to enter the phone number to use for listening to and managing your voicemail.

< Other call settings >

Call barring – Select when you would like calls to be barred. Enter the call barring password. Please check with your network operator about this service.

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

Excuse 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.

Video call settings – Change your video call settings.

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

Settings

Call duration – View the duration of calls including all calls, dialled calls, received calls and last call.

Call costs – View the charges applied to your calls. (This service is network dependent; some operators do not support this function)

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 on the phone (depending on your network provider).

Sound

< **General** >

Silent mode – Allows you to silence all sounds (including call and notification ringtones) except the audio from music and videos and any alarms you have set. Media and alarms must be silenced in their own applications.

Vibrate – Allows you to set your phone to vibrate when you receive an incoming call.

Volume – allows you to set the volume for ringtones, media and alarms. If you uncheck the option "use incoming call volume for notifications" you can set the volume for incoming calls and notifications separately.

< **Incoming calls** >

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

< **Notifications** >

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

< **Feedback** >

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

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

Settings

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

Haptic feedback – Allows you to set your phone to vibrate briefly when you touch the soft keys and carry out other actions.

Display

Brightness – Adjust the screen brightness.

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

Animation – Set to display an animation.

Screen timeout – Set the time for screen timeout.

Display font – Change the display font.

Gesture

Use motion gestures – Adjust the gesture settings for the text input field,incoming call,alarm,gallery and video player.

Reset gesture sensor – Calibrate the motion sensor with the phone placed on a flat surface.

Location & security

Use wireless networks – If you select **Use wireless networks**, 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.

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

Set up screen lock – Set an unlock pattern to secure your phone. Opens a set of screens that guide you through drawing a screen unlock pattern. You can set a **PIN** or **Password** instead of a **Pattern** or leave it as **None**.

When you turn on your phone or wake up the screen, you're asked to draw your unlock pattern to unlock the screen.

Set up SIM/RUIM card lock – Set up SIM/RUIM card lock or change the SIM/RUIM PIN.

Visible passwords – Select to show passwords as you type them or deselect to hide passwords as you type them.

Select device administrators – Add one or more administrators.

Settings

Use secure credentials – Allows you to access secure certificates.

Install from SD card – Choose to install encrypted certificates from your SD card.

Set password – Set or change the credential storage password.

Clear storage – Clear credentials for all content and reset password.

Applications

You can view and manage the applications.

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

⚠ WARNING

Depending on the applications you install, the mobile phone may not operate correctly and could be illegally used to establish your location and gain access to personal information via the Internet.

To protect your phone and personal data, only download applications from trusted sources such as Android Market.

Manage applications – Manage and remove installed applications.

Running services – Check services that are currently running.

Storage use – View storage used by applications.

Battery usage – See what has been using the battery.

Development – Set options for application development.

Accounts & sync

< **General sync settings** >

Background data – Permits applications to synchronise 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.

Auto-sync – Permits applications to synchronise, send and receive data to their own schedule.

Settings

< Manage accounts >
List of all Google accounts and other accounts you have added to your phone. If you touch an account in this screen, its account screen opens.

Privacy

Factory data reset – If you select Factory data reset, it will erase all of your personal data from the internal phone storage, including information about your Google account, any other accounts, your system/application data and settings, any downloaded applications and your DRM licence.

Resetting the phone will not erase any system software updates you have downloaded or any files on your microSD card, such as music or photos. If you reset the phone in this way, you are prompted to re-enter the same information that you entered when you first started Android.

Storage

< USB connection mode >

Mass storage only – Your phone can be used as a mass storage device if you have a memory card inserted. You can set **Mass**

storage only as a default setting for USB connection mode.

< **SD card** >

Check total available SD card space. Touch **Unmount SD card** for safe removal. **Erase SD card** if you want to delete all data from the SD card.

< **Internal storage** >

Checks the available space.

Language & keyboard

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

Voice input & output

< **Voice input** >

Voice recognition settings – Use the **Voice recognition settings** to configure the Android voice input feature.

Settings

- **Language:** Opens a screen where you can set the language you use speech to enter text.
- **SafeSearch:** Opens a dialog box where you can set whether you want the Google SafeSearch filter to block certain results.
- **Block offensive words:** When deselected, Google voice recognition will recognise and transcribe words many people consider offensive, when you use speech to enter text. When selected, Google voice recognition replaces those words in transcriptions with a placeholder comprised of hash symbols (#).

< Voice output >

Text-to-speech settings – Use the **Text-to-speech settings** to configure the Android text-to-speech synthesiser for applications that can use this feature.

> **NOTE:** If you don't have speech synthesiser data installed, only the **Install voice data setting** is available.

- **Listen to an example:** Plays a brief sample of the speech synthesiser, using your current settings.

- **Always use my settings:** Check to use the settings on this screen rather than the speech synthesiser settings available in other applications.
- **Default Engine:** Opens a dialog where you can set the text-to-speech application you want to use, if you have more than one installed.
- **Install voice data:** If your phone does not have speech synthesiser data installed, this connects to Android Market and guides you through the process of downloading and installing the data.

This setting is not available if the data is already installed.

- **Speech rate:** Opens a dialog where you can select how quickly you want the synthesiser to speak.
- **Language:** Opens a dialog where you can select the language of the text you want the synthesiser to read. This is particularly useful when combined with **Always use my settings** to ensure text is spoken correctly across a variety of applications.
- **Pico TTS:** Configure the **Pico TTS settings**.

Settings

Accessibility

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

NOTE: Requires additional plug-ins.

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.

About phone

View legal information and check phone status and software version.

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 or battery 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

Settings

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, 3 hours, 6 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.

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

DivX Mobile **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 640x480, including premium content

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Notice: Open Source Software

To obtain the corresponding source code under GPL, LGPL, MPL and other open source licences, please visit http://opensource.lge.com/

All referred licence terms, disclaimers and notices are available for download with the source code.

Accessories

These accessories are available for use with the LG-E730F. **(Items described below may be optional.)**

Travel adaptor

Battery

Stereo headset

Data cable
Connect your
LG-E730F and PC.

User Guide
Learn more
about your
LG-E730F.

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

Technical data

Ambient temperatures

Max: +55°C (discharging),
+45°C (charging)

Min: -10°C

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
SIM error	There is no SIM card in the phone or it is inserted incorrectly.	Make sure that the SIM card is correctly inserted.
No network connection/ Losing network	Signal is weak or you're outside the carrier network. Operator applied new services.	Move towards a window or into an open area. Check the network operator coverage map. Check whether the SIM card is more than 6~12 months old. If so, change your SIM at your network provider's nearest branch. Contact your service provider.

Message	Possible causes	Possible corrective measures
Codes do not match	To change a security code, you will need to confirm the new code by re-entering it. The two codes you have entered do not match.	If you forget the code, contact your service provider.
Any application cannot be set	Not supported by service provider or registration required.	Contact your service provider.

Troubleshooting

Message	Possible causes	Possible corrective measures
Calls not available	Dialling error New SIM card inserted. Pre-paid charge limit reached.	New network not authorised. Check for new restrictions. Contact service provider or reset limit with PIN2.
Phone cannot be switched on	On/Off key pressed too briefly. Battery is not charged. Battery contacts are dirty.	Press the On/Off key down for at least two seconds. Charge battery. Check charging indicator on the display. Clean the battery contacts.

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. Check the battery contacts and clean them if necessary.
	No voltage	Plug the charger into a different socket.
	Charger defective	If the charger does not warm up, replace it.
	Wrong charger	Only use original LG accessories.
	Battery defective	Replace battery.

Troubleshooting

Message	Possible causes	Possible corrective measures
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.
SD card not working	FAT16, FAT32 file system supported	Check SD card file system via card reader, or format SD card using the phone.

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	Remove the battery, insert it again and switch on the phone. Try to perform a software update via the website.