

LG-C195N User Guide - English

This guide will help you understand your new mobile phone. It will provide you with useful explanations of features on your phone.

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

Part 15.21 statement

" Change or Modifications that are 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 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 Part 15 Class B Compliance

This device and its accessories comply with part 15 of FCC rules and ICES-003 Class B digital apparatus requirements for Industry Canada. Operation is subject to the following two conditions:(1) This device and its accessories may not cause harmful interference, and (2) this device and its accessories must accept any interference received, including interference that may cause undesired operation.

Body-worn Operation

This device was tested for typical body-worn operations with the back of the phone kept 1.5cm (0.59 inches) between the user's body and the back of the phone. To comply with FCC RF exposure requirements, a minimum separation distance of 1.5cm (0.59 inches) must be maintained between the user's body and the back of the phone. Third-party belt-clips, holsters, and similar accessories containing metallic components should not be used. Body-worn accessories that cannot maintain 1.5cm (0.59 inches) separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

Conformité aux normes FCC Part 15 Class B

Cet appareil et ses accessoires sont conformes aux normes FCC Part 15 Class B de la Federal Communications Commission et aux exigences pour appareils numériques ICES-003 Class B d'Industrie Canada. Son fonctionnement est sujet aux deux conditions suivantes : (1) Cet appareil et ses accessoires ne doivent pas provoquer de brouillage préjudiciable, et (2) cet appareil et ses accessoires doivent accepter toutes les interférences reçues, y compris celles pouvant causer un fonctionnement indésirable.

Utilisation comme appareil portatif

Ce téléphone a été testé en vue d'une utilisation type comme appareil portatif, avec une distance de 1.5cm (0,59 pouces) entre l'arrière de l'appareil et le corps de l'utilisateur. Pour satisfaire aux exigences de la FCC en matière d'exposition aux radiofréquences, une distance d'au moins 1.5cm (0,59 pouces) doit être maintenue entre le corps de l'utilisateur et l'arrière du téléphone. Les pinces de ceinture, les étuis et autres accessoires semblables d'autres marques et contenant des composantes métalliques ne doivent pas être utilisés. Les accessoires portatifs empêchant le maintien d'une distance de 1.5cm (0,59 pouces) entre le corps de l'utilisateur et l'arrière du téléphone et qui n'ont pas été testés en vue d'une utilisation type comme accessoires portatifs peuvent ne pas satisfaire aux limites d'exposition aux radiofréquences stipulées par la FCC et, par conséquent, ne doivent pas être utilisés.

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TIA(Telecommunications Industry Association) 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 it is ON, it receives and also sends out Radio Frequency (RF) signals. In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

- ANSI C95.1 (1992) *
- NCRP Report 86 (1986)
- ICNIRP (1996)
- Health Canada, Safety Code 6, 1999.

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, IC Regulations (and those standards).

Antenna Care

Use only the supplied or an approved replacement antenna.

Unauthorised antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Phone Operation

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

Tips on Efficient Operation

For your phone to operate most efficiently:

Do not touch the antenna unnecessarily when the phone is in use.

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

Driving

Check the laws and regulations on the use of wireless phones in the areas where you drive 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.

Electronic Devices

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

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with Pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON;
 - Should not carry the phone in a breast pocket;
 - Should use the ear opposite the pacemaker to minimize the potential for interference;
 - Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.
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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.) Optional for each phone manufacturer.

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 and Transport Canada regulations prohibit using your phone while in the air. Switch OFF your phone before boarding an aircraft.

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.

Charger and Adapter Safety

- The charger and adapter are intended for indoor use only.
- Do not expose the battery charger or adapter to direct sunlight or use it in places with high humidity, such as a bathroom.

Battery Information and Care

- Please dispose of your battery properly or take it to your local wireless carrier for recycling.
 - Do not dispose of your battery by fire or with hazardous or flammable materials.
 - Never use an unapproved battery since this could damage the
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phone and/or battery and could cause the battery to explode.

- The battery does not need to be fully discharged before recharging.
- Use only LG-approved chargers specific to your phone model since they are designed to maximize battery life.
- Do not disassemble or shortcircuit the battery.
- Keep the battery's metal contacts clean.
- Replace the battery when it no longer provides acceptable performance. The battery can be recharged several hundred times before replacement.
- Recharge the battery after long periods of non-use to maximize battery life.
- Battery life will vary due to usage patterns and environmental conditions.
- Use of extended backlighting, MiniBrowser, and data connectivity kits affect battery life and talk/standby times.

Safety Information

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

Explosion, Shock, and Fire Hazards

- Unplug the power cord and charger during lightning storms to avoid electric shock or fire.
- Make sure that no sharp-edged items such as animal's teeth, nails, come into contact with the battery. There is a risk of this causing a fire.
- Do not use harsh chemicals (such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. There is a risk of this causing a fire.
- Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.
- Do not drop, strike, or shake your phone severely. Such actions may harm the internal circuit boards of the phone.

- Do not put your phone in a place subject to excessive dust and keep the minimum required distance between the power cord and heat sources.
- Unplug the power cord prior to cleaning your phone, and clean the power plug pin when it is dirty.
- Do not damage the power cord by bending, twisting, pulling, or heating. Do not use the plug if it is loose as it may cause a fire or electric shock.
- When using the power plug, ensure that it is firmly connected. If it is not, it may cause excessive heat 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 fire or electric shock.
- Do not disassemble the phone.
- Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.
- 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. Always cover the receptacle when not in use.

- Do not short-circuit the battery. Metallic articles such as a coin, paperclip or pen in your pocket or bag may short-circuit the + and – terminals of the battery (metal strips on the battery) upon moving. Short-circuit of the terminal may damage the battery and cause an explosion.
- Never place your phone in a microwave oven as it will cause the battery to explode.

General Warnings and Cautions

- Only use the batteries, antennas, and chargers provided by LG. The warranty will not be applied to products provided by other suppliers.
 - Store the battery in a place out of reach of children.
 - Using a damaged battery or placing a battery in your mouth may cause serious injury.
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- 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.
 - Do not hold or let the antenna come in contact with your body during a call.
 - 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.
 - Only authorized personnel should service the phone and its accessories. Faulty installation or service may result in accidents and consequently invalidate the warranty.
 - Do not 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.
 - Do not use the phone in areas where its use is prohibited. (For example: aircraft)
 - Do not immerse your phone in water. If this happens, turn it off immediately and remove the battery. If the phone does not work, take it to an LG Authorized Service Center.
 - Use accessories, such as earphones and headsets, with caution. Ensure that cables are tucked away safely and do not touch the antenna unnecessarily.
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Warning! Important Safety Information

Avoiding hearing damage

Permanent hearing loss may occur if you use your phone and/or headset at a high volume. Set the volume to a safe level. You can adapt over time to a higher volume of sound that may sound normal but can be damaging to your hearing. If you experience ringing in your ears or muffled speech, stop listening and have your hearing checked. The louder the volume, the less time is required before your hearing could be affected. Hearing experts suggest that to protect your hearing:

- Limit the amount of time you use your phone and/or headset at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you. For information about how to set a maximum volume limit on your phone, see the features guide for your phone.

Using your phone safely

Use of your phone while operating a vehicle is not recommended and is illegal in some areas. Be careful and attentive while driving.

Stop using your phone if you find it disruptive or distracting while operating any type of vehicle or performing any other activity that requires your full attention.

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 radiofrequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the Main Menu Screen. Whereas high levels of RF can produce health effects (by heating

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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 radiationemitting 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 radiofrequency energy (RF) at a level that is hazardous to the user. In such a case, the FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace, or recall the

phones so that the hazard no longer exists.

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

- Support needed research into possible biological effects of RF of the type emitted by wireless phones.
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and cooperate in providing 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 radiofrequency energy (RF) because of the short distance between the phone and the user’s head. These RF exposures are limited by FCC safety guidelines that were developed with the advice of the FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person’s RF exposure decreases rapidly with increasing distance from the source. The so called “cordless phones,” which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures far below the FCC safety limits.

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

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods.

Animal experiments investigating the effects of radiofrequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be 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 don't 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 10 or more years follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop — if they do — may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

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

The FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF). The FDA has been a leading participant in the World

Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The project has also helped develop a series of public information documents on EMF issues. The FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. The FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts with independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

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

8. What has the FDA done to measure the 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 energy (RF) exposure from wireless phones and other wireless handsets with the participation and leadership of FDA scientists and engineers. The standard, "Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques," sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a 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 energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure. If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the

RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna. Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

10. What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure. Some groups sponsored by other national governments have advised that children be discouraged from

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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 energy (RF) from wireless phones can interact with some electronic devices. For this reason, the FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by the FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will

allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. The FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a “compatible” phone and a “compatible” hearing aid at the same time. This standard was approved by the IEEE in 2000. The FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, the FDA will conduct testing to assess the interference and work to resolve the problem.

12. Where can I find additional information?

For additional information, please refer to the following resources:
FDA web page on wireless phones (<http://www.fda.gov/>) Federal Communications Commission (FCC) RF Safety Program (<http://www.fcc.gov/oet/rfsafety>) International Commission on Non-Ionizing Radiation Protection (<http://www.icnirp.de>) World Health Organization (WHO) International EMF Project (<http://www.who.int/peh-emf/en/>) National Radiological Protection Board (UK) (<http://www.hpa.org.uk/radiation/>)

Consumer Information on SAR (Specific Absorption Rate)

This Model Phone Meets the Government's Requirements for Exposure to Radio Waves. Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are

part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC/IC is 1.6 W/kg*. Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. Because the phone is designed to operate at multiple power levels to use only the power required to reach the network, in general, the closer you are to a wireless base

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station antenna, the lower the power output.

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

The highest SAR value for this model phone when tested for use at the ear is 0.836 W/kg and when worn on the body, as described in this user guide, is 0.646 W/kg (body-worn measurements differ among phone models, depending upon available accessories and FCC/IC requirements). While there may be differences between SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model phone is on file with the FCC

and can be found under the Display Grant section of <http://www.fcc.gov/oet/ea/fccid> after searching on FCC ID: XXXXXXX. Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) website at <http://www.ctia.org/>

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

* Product meets current FCC & IC Radio Frequency Exposure Guidelines.

FCC ID: XXXXX

IC ID: XXXXXX

Body-worn Operation

This device was tested for typical body-worn operations with the back of the phone kept 1.5cm (0.59 inches) from the user's body and the back of the phone. To comply with FCC RF exposure requirements, a minimum separation distance of 1.5cm (0.59 inches) must be maintained between the user's body and the back of the phone. Third-party belt-clips, holsters, and similar accessories containing metallic components may not be used.

Body-worn accessories that cannot maintain 1.5cm (0.59 inches) separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

FCC Part 15 Class B Compliance

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

Operation is subject to the following two conditions:

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Getting to Know Your Phone

Earpiece

Main LCD

Send key

- Dials a phone number and answers a call.
- **In standby mode:** Shows the history of calls.

Soft keys (Left soft key / Right soft key)


- These keys perform the function indicated in the bottom of the display.

— **End key**



- Switch on/off (hold down)
- End or reject a call.

Alpha numeric keys


- **In standby mode:** Input numbers to dial. Hold down below keys.

 - Insert '+' symbol to make international calls.

 - Connect voice Mail centre.

 To  - Speed dials.

 - SOS Mode.

 - Hold the key down to Activate or deactivate silent mode.

- **In editing mode:** Enter numbers & characters

— **Confirm key / OK key**

- Selects menu options and confirms actions.

— **Lock/Customise key**

- Short press to access customise key.
- Long press to Lock/Unlock in any screen.

Navigation key

- **In standby mode:**

Press Up Navigation Key: Widget when it was set.

(Menu > Settings > Display > Homescreen > Widget settings)

Press Down Navigation Key: MP3 player

Press Right Navigation Key: Messaging

Press Left Navigation Key: My stuff

- **In menu:** Scroll up, down, Right & left.

Charger/USB cable connector

**Handsfree or Stereo earphone
connector**

**Memory card
holder**

Back cover

Camera lens

SIM Card holder

Battery pack


Installing the SIM and battery

1 Remove the back cover

Press the back cover release latch.

2 Remove the battery

Lever the top edge of the battery and remove it carefully from the battery compartment.

 **WARNING:** Do not remove the battery when the phone is switched on, as this may damage the phone.

3 Install the SIM card

Slide the SIM card into the SIM card holder. Make sure that the gold contact area on the card is facing downwards. To remove the SIM card, pull it gently in the reverse direction.

4 Install the battery

First insert the bottom of the battery into the bottom edge of the battery compartment. Ensure that the battery contacts align with the terminals on the phone. Press top of the battery until it clips into place.

5 Insert the back cover

6 Charging your phone

Insert the charger and plug into a mains electricity socket. Your LG-C195N will need to be charged until a message reading “Battery full” appears on screen.

Memory card

Installing a memory card

You can expand the memory available on your phone using a memory card.

Note: A memory card is an optional accessory.

Slide the memory card into the slot until it clicks into place. Make sure that the gold contact area is facing downwards.



WARNING: External memory cannot be exceeded 8GB.

Removing a memory card

Carefully remove the memory card by gently pulling it outside as shown in the above diagram.

Formatting the memory card

Your memory card may already be formatted. If your memory card isn't formatted, you will need to format it before you can begin using it.

- 1 From the home screen press **Menu** then select **Settings**.
- 2 Choose **Device** then **Memory info.** and select **External memory**.
- 3 Press **Format** and enter the password, which is set to 0000 as default. Your memory card will be formatted and ready to use.
- 4 To view the new formatted folders on your LG-C195N press **Menu** and select **My stuff**. Press right navigation key two times to choose memory card.





WARNING: When you format your memory card, all the content will be wiped. If you do not want to lose the data on your memory card, back it up first.



WARNING: Do not remove your MicroSD card during the data transfer.

Calling


Making a call

- 1 Make sure your phone is on.
- 2 You can use the keypad. To delete a digit press back arrow.
- 3 Press  to begin the call.
- 4 To end the call, press  .


TIP! To enter + when making an international call, press and hold 0.

Making a call from your Contacts

It's easy to call anyone whose number you have stored in your **Phonebook**.


- 1 Press **Menu** to open the main menu. Select **Phonebook**.
- 2 Using the keypad, enter the first letter of the contact you want to Call and scroll through the **Contacts**.
- 3 Press  to begin the call.

Answering and rejecting a call

When your phone rings, press  to answer the call.

While your phone is ringing you can press **Silent** to mute the ringing.

This is useful if you have forgotten to change your profile to silent for a meeting.

Press  or select **Reject** in order to reject an incoming call.

Note: In call when speaker is activated, the speaker icon is displayed with red colour cross, when the speaker is deactivated speaker icon is displayed without red colour cross.

Speed dialing

You can assign a speed dial number to a contact you call frequently.

Games & apps.

Press **Menu** and select **Games & apps**. You can install new games and applications on your phone to keep you amused when you have spare time.

Logs

Press **Menu** and select **Logs**. You can check the record of all logs, calls only, missed, outgoing, incoming logs and messages only. The number and name (if available) are displayed together with the date and time at which the call was made. You can also view the number of times you have called.

All logs: View a complete list of all your dialled, received and missed calls and also send and received messages.

Calls Only: View a list of all the numbers you have called, received calls and missed calls.

Messages Only: View a list of all the numbers you have sent or received messages.

Missed logs: View a list of any calls you have missed.

Outgoing logs: View a list of all the numbers you have called.

Incoming logs: View a list of all the numbers that have received.

Camera

Camera

- 1 Press **Menu** and select **Camera** and choose **Camera**.
- 2 When the camera has focused on your subject, select the Capture icon on the bottom-centre of the screen and press **OK Key** to take a photo.

Video camera

- 1 Press **Menu** and select **Camera** and choose **Video camera**. The video camera's viewfinder will appear on screen.
- 2 Focus the Video camera on what to record.
- 3 Select the Rec. icon on the bottom-centre of the screen and press **OK Key** to take a video. Rec will appear at the bottom of the viewfinder. Press  again to stop recording.

Album

View the pictures and videos you have taken in your Album.

Internet

You can launch the internet browser and access the homepage of the activated profile on web settings. You can also manually enter a URL address and access the associated Web page.

- 1 In Menu mode, select **Internet** to launch your service provider's homepage.
- 2 Navigate web pages using the following keys:
Navigation - Scroll up or down on a web page.
OK Key - Select an item.
Back - Return to the previous page.
Options - Access a list of browser options.

Note: You will incur extra cost by connecting to these services and downloading content. Check data charges with your network provider.

SNS (Social network services)

Your LG-C195N has SNS that lets you enjoy and manage your social network. You can update your own SN place status and view your friend's SN updates.

Note: SNS feature is a data intensive application. An additional costs may be incurred when connecting and using online services. Check your data charges with your network provider.

Messaging

Messaging

Your LG-C195N includes functions related to SMS (Short Message Service), MMS (Multimedia Message Service) as well as the network's service messages.

Sending a message

- 1 Press **Menu**, select **Messaging** and choose **Write message**.
- 2 A new message editor will open. Message editor combines **SMS** and **MMS** in one intuitive mode that is easy to switch between. The default setting of the message editor is **SMS** mode.
- 3 Enter your message using the keypad.
- 4 Select **Options** and choose **Insert** to add an **Image, Video, Sound, Text template, Multimedia template, Emoticon, Name & Number, Slide, Subject** or **More (Business card/Schedule/Memo/Task/My profile)**.
- 5 Choose **Send to**.
- 6 Choose a contact from the list of contacts or enter the phone number.
- 7 Select **Send**.



WARNING: Image, Sound, Video, Slide, Subject, Business card, Schedule or My profile is added to the message editor, it will be automatically converted to MMS mode and you will be charged accordingly.


Entering text

You can enter alphanumeric characters using the phone's keypad. For example, storing names in contacts, writing a message and creating scheduling events in the calendar all require entering text. The following text input methods are available in the phone: Abc mode, and 123 mode.

Note: Some fields may allow only one input mode (e.g. telephone number in contact fields).

Messaging

Text input mode using the keypad

When you want to enter text, for example when writing a message, the keypad will default to Abc mode. If you are entering a number, for example when making a call, the keypad number keys will default to numbers. To enter the small symbol (such as @) or the number (such as 0) at upper right of the keys, press the Fn Key . Press it once for just the next letter, or twice quickly for all letters.

Music


MP3 Player

Your LG-C195N has a built-in music player, so you can play all your favourite music.

Note:

- Before using music player, you will need to transfer music file onto your phone.
- Music player supports codec types as follows: MP3, WMA, AAC. Music player does not necessarily support all features and variations of file formats.

Playing a song

- 1 Press **Menu** and select **Music**, then choose **MP3 player**.
- 2 Choose **All songs** then select the song you want to play. Select .
- 3 Select  to pause the song.
- 4 Select  to skip to the next song.
- 5 Select  to skip to the previous song.

TIP! To change the volume while listening to music, press Up/Down navigation keys.

Note:

The copyright of music files can be protected in international treaties and national copyright laws. Therefore, it may be necessary to obtain a permission or a license to reproduce or copy music. In some countries national law prohibits private copying of copyrighted material. Before downloading or copying the file, please check the national legislation of the applicable country concerning the use of such material.

FM Radio

Your LG-C195N supports Wireless **FM radio** feature so you can tune into your favorite stations and listen on the move.

Note: Insert handsfree connector to listen to a FM Radio.

Music

Listening to the radio

- 1 Press **Menu**, select **Music** and choose **FM radio**.
- 2 Select the channel number of the station you would like to listen to.

Recording the Radio

- 1 Press **Rec.** during listening to the radio.
- 2 The recording time is displayed on your phone.

If you want to stop the recording, press **Stop**. If recording is done, the recorded contents will be saved in **My stuff** -> **Sounds** as mp3 file.

E-mail

Sending an email using your new account

To send/receive an email, you should set up an email account.

- 1 Press **Menu**, select **E-mail** and choose the account you want to use.
- 2 From Options choose **Write e-mail** and a new email window will open.
- 3 Enter address in **To** field then write a subject line and press down navigation key.
- 4 Enter your message using the keypad then Press **Ok key** to send the email.

My stuff

View the **images, sounds, videos** and **others** in your **My stuff**.

Phonebook

Searching for a contact

- 1 Press **Menu** and select **Phonebook**.
- 2 Using the keypad, enter the first letter of the name of the contact you want to call.
- 3 To scroll through the contacts, use the up and down navigation keys. And to scroll through their different numbers, use the left and right navigation keys.

Adding a new contact

- 1 Press **Menu** and select **Phonebook**.
 - 2 Press **Option** and select **New contact**.
 - 3 Enter the information you want in the fields provided and select **Done**.
-

Tools

Quick menu

- 1 Press **Menu** and select **Tools**, then choose **Quick menu**.
- 2 Press **Add** and choose the menu you want to quickly approach.

Organiser

You can access **Calendar, Tasks, Memo, Calculate date**.

Alarm clock

You can set up to 5 alarm clocks to go on at a specified time.

Calculator

This contains the standard functions such as Addition, Subtraction, Multiplication and Division.

Voice recorder

Use your **Voice recorder** to record voice memos or other sounds.

Stopwatch

This option allows you to use the function of a stopwatch.

Unit converter

This converts many measurement into a unit you want.

World clock

Allows you to determine the current time in another time zone or country.

SIM services

This feature depends on SIM and the network services. In case the SIM card supports SAT (i.e. SIM Application Toolkit) services, this menu will be the operator specific service name stored on the SIM card.

Settings

Press **Menu** and select **Settings**.

Profiles

Choose the profile you want to edit.

Flight mode: Flight mode will not allow you to make calls, connect to the internet or send message.

Device

Date and time: In date and time settings select Auto update **On** and the phone will automatically update the date and time.

Battery status: Choose to switch the factory set power save settings On or Off.

Languages: Change the language of your LG-C195N display.

Auto key lock: Lock the keypad automatically in standby screen.

Security: Change your security to keep your LG-C195N important information to be protected.

SOS service: This enables SOS service. After enabling if you press long key of 9 in Idle screen, the SOS message is sent and the phone stays in SOS Mode. In SOS mode, SOS message will be sent to the assigned receivers and incoming calls by them will

be automatically accepted. All notification sound will be muted. To exit the SOS mode, press the End key in Homescreen.

Memory info: You can use the memory manager to determine how each memory is used and see how much space is available.

Primary storage setting: If you insert an external memory card in your phone, you can also select Primary storage settings then choose the default location you prefer items to be saved to.

Reset device: Use **reset device** to reset **settings only** or **data & settings**. You need the security code to activate this function.

Device info: View the technical information for your LG-C195N.

Display

You can adjust settings for the phone display.

Call

You can set the menu relevant to a call.

Settings

Connectivity

Bluetooth: Set up your LG-C195N for Bluetooth use. You can adapt your visibility to other devices or search through devices your phone is paired with.

Note: Pair LG-C195N with any device supporting BT version above 2.0, then pass code is not asked, since pass code is auto generated. Pair LG-C195N with any device supporting lesser BT versions such as 1.2 etc, then pass code is asked.

USB connection mode: You can select the USB connection mode on your phone for several uses.

Network: You can choose **Select network** or **Preferred lists**.

Select Network

- **Automatic:** This function automatically searches for a network and registers the handset to that network.
- **Manual:** This function allows you to search for networks and specify which network in the network list to register with, if possible.

Preferred lists

Select preferred network lists to display and saves in your SIM Card. You can edit the current preferred network list.

* : Shown only if supported by the SIM Card.

Internet Profiles: This menu shows the Internet Profiles.

Access Points: This menu shows the Access Points. You can register, delete and edit by using the Options Menu.

Wi-Fi

Wireless Manager allows you to manage Internet connections via Wi-Fi (Wireless LAN) on your device. It allows the phone to connect to local wireless networks or access the Internet wirelessly.

NOTE: The LG-C195N supports WEP and WPAPSK/2 encryption, but not EAP or WPS encryption. If your Wi-Fi service provider or network administrator sets encryption for network security, fill in the key in the pop-up window. If encryption is not set, this popup window will not be shown. You can obtain the key from your Wi-Fi service provider or network administrator.

Phone Software update LG Mobile Phone Software update from internet

For more information on using this function, please visit the <http://update.lgmobile.com> or <http://www.lg.com/common/index.jsp> → select country.

This feature allows you to update the Software of your phone to the latest version conveniently from the internet without the need to visit a service centre.

As the mobile phone Software update requires the user's full attention for the duration of the update process, please make sure to 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.

Synchronise your phone with your PC

You can synchronise your phone with your PC to make sure all your important details and dates match, but also to backup your files to put your mind at ease.

Settings

Backing up and restoring your phone's information

- 1 Connect the USB cable to your phone and your PC.
- 2 Select the PC suite from the popup menu in your phone and run PC Suite Program in your PC.
- 3 Click the "Phone Backup & Restore" in PC suite (Tools > Phone Backup & Restore), and select Backup or Restore.
- 4 Mark the contents you would like to back up or restore. Select the location you would like to backup information to, or restore information from. Now select Backup or Restore and Click Finish.
- 5 Your information will be Backed up or Restored.

NOTE: Install PC Suite using CD provided and follow the Installation Guide.

Viewing your phone files on your PC

- 1 Connect the USB cable to your phone and your PC.
- 2 Select the PC suite from the popup menu in your phone and run PC Suite Program in your PC.
- 3 Open LG PC Suite icon in your PC which is already installed, after searching the phone it will be connected automatically.

TIP! Viewing the contents of your phone on your PC helps you to arrange files, organise documents and remove contents you no longer need.

Accessories

Various accessories are available for your mobile phone. These are detailed below.

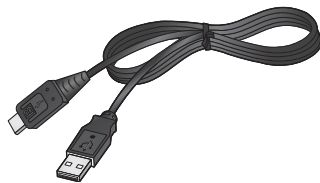
Charger



Battery



Data cable



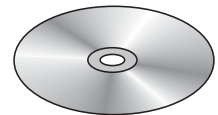
User Guide



Stereo headset



CD



NOTE

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

Technical Data

Ambient Temperatures

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

Min.: -10°C

Troubleshooting

This section lists some problems that you might encounter while using your phone. Some problems require that you call your service provider, but most of problems you encounter are easy to correct by yourself.

Symptom	Possible causes	Possible Corrective measures
No connection to the network	Signal is weak or you're outside of the carrier network.	Move to a window or open space. Check service provider coverage map.
Codes do not match	When you want to change a security code you have to confirm the new code by entering it again. The two codes that you have entered do not match.	Contact your Service Provider.
Function cannot be set	Not supported by Service Provider or registration required.	Contact your Service Provider.
Calls not available	Dialing error or service limitations.	Check the number dialed and check the reception. Contact your service provider.
Calls not available	Dialing error New SIM card inserted Prepaid Charge limit reached	New network not authorized. Check for new restrictions. Contact Service Provider or reset limit with PIN 2.
Phone cannot be switched on	On/Off key pressed too briefly. Battery is not charged. Battery contacts are dirty.	Press On/Off key for at least two seconds. Charge battery. Check charging indicator in the display. Clean the battery contacts.

Troubleshooting

Symptom	Possible causes	Possible Corrective measures
Charging error	Battery totally empty. Contact problem. No power from outlet. Charger defective. Wrong charger. Battery defective.	Charge battery. Check power supply and connection to the phone. Check the battery contacts, clean them if necessary. Plug in to a different socket or check voltage. Test with another charger. Only use original LG accessories. Replace battery.
Network connection is lost.	Signal too weak.	Reconnection to another service provider if network mode is automatic.
Number not permitted	The Fixed Dial Number function is on.	Check the Settings menu and turn the function off.

LIMITED WARRANTY STATEMENT

1. WHAT THIS WARRANTY COVERS:

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

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

2. WHAT THIS WARRANTY DOES NOT COVER::

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

7. All plastic surfaces and all other externally exposed parts that are scratched or damaged due to normal customer use.
8. Products serviced by non-authorized persons or companies.

Notes:

1. This limited warranty supersedes all other warranties, expressed or implied either in fact or by operations of law, statutory or otherwise, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose.
2. Shipping damage is the sole responsibility of the shipping company.

3. EXCLUSION OF LIABILITY:

No other express warranty is applicable to this product.

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

4. HOW TO GET WARRANTY SERVICE:

To obtain warranty service, please call the following telephone number from anywhere in Canada:

LG Electronics Canada, Inc.

Tel. 1-888-LG-Canada (1-888-542-2623)

http://www.lg.com/ca_en (see links to “Support > Mobile phone support”)



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**Electronics Canada Inc.
Mississauga, Ontario**