

Specific Absorption Rate (SAR) of Cell Phones

This model LG-D722J mobile phone complies with Japanese technical regulations and international guidelines regarding exposure to radio waves.

This mobile phone was designed in observance of Japanese technical regulations regarding exposure to radio waves* and limits to exposure to radio waves recommended by a set of equivalent international guidelines. These international guidelines were set out by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), which is in collaboration with the World Health Organization (WHO), and the permissible limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health condition.

The Japanese technical regulations and international guidelines define the limits using a unit of measurement known as the Specific Absorption Rate (SAR), which represents the average amount of radio frequency energy absorbed by the human. The SAR limit for mobile phone ear is 2.0 W/kg. The highest SAR value for this mobile phone when tested for use at the ear is 0.466W/kg. The highest SAR value for this mobile phone when tested for use on the body is 0.324W/kg. There may be slight differences in SAR levels among individual products, but they all satisfy the limit.

The actual SAR of this mobile phone while talking on the phone can be well below that indicated above. This is due to automatic changes in the power level of the mobile phone to ensure it only outputs the minimum power required to communicate with a base station. Therefore in general, the closer you are to a base station, the lower the power output of the mobile phone.

This mobile phone can be used in positions other than against your ear. Use an accessory such as a carrying case, etc. so that you can hold the product at least 1.5 cm away from your body and also do not contain metal parts between the product and your body. By doing this, this mobile phone complies with Japanese technical regulations and international guidelines regarding exposure to radio waves.

The World Health Organization has stated that present scientific information does not indicate that use of mobile devices has any harmful effects on the human body. They recommend that if you are still worried about your exposure then you can limit your talk time or use a handsfree kit to keep the mobile phone away from your head and body. If you would like to know more detailed information, please refer to the WHO website. **http://www.who.int/docstore/peh-emf/publications/facts_press/fact_english.htm** Please refer to the websites listed below if you would like to know more detailed information regarding SAR.

○ **Ministry of Internal Affairs and Communications Website:**

http://www.tele.soumu.go.jp/1/e/e/index.htm

○ **Association of Radio Industries and Businesses Website:**

http://www.arib-ermf.org/index02.html (in Japanese only)

○ **au Website:**

http://www.au.kddi.com/

○ **LG Electronics Inc. Website:**

Refer to "Specifications" page of this product.

http://www.lg.com/jp/mobile-phone (in Japanese only)

(URL are subject to change without notice.)

* Technical regulations are defined by the Ministerial Ordinance Related to Radio Law (Article 14-2 of Radio Equipment Regulations).

Declaration of Conformity

The product "LG-D722J" is declared to conform with the essential requirements of European Union Directive 1999/5/EC Radio and Telecommunications Terminal Equipment Directive 3.1(a), 3.1(b) and 3.2.

This mobile phone complies with the EU requirements for exposure to radio waves.

Your mobile phone is a radio transceiver, designed and manufactured not to exceed the SAR* limits** for exposure to radio-frequency (RF) energy, which SAR* value, when tested for compliance against the standard was ●●● W/kg at the ear, and ●●●● W/kg when worn on the body. To comply with the RF Exposure limits a distance of greater than 1.5 cm must be maintained from the user's body.

While there may be differences between the SAR* levels of various phones and at various positions, they all meet*** the EU requirements for RF exposure.

*The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR.

**The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg)

averaged over ten grams of tissue, recommended by The Council of the European Union. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

***Tests for SAR have been conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the 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. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station antenna, the lower the power output.

European Union Directives Conformance Statement

CE0168Ⓞ

Hereby, LG Electronics Inc. declares that this product is in compliance with:

- The essential requirements and other relevant provisions of Directive 1999/5/EC
- All other relevant EU Directives

The above gives an example of a typical Product Approval Number.

Wi-Fi(WLAN)	This device is intended for sale in Japan only. This equipment may be operated in all European countries. The 5 150 - 5350 MHz band is restricted to indoor use only.
--------------------	---

Important Safety Information

AIRCRAFT

Switch off your wireless device when boarding an aircraft or whenever you are instructed to do so by airline staff. If your device offers a "flight mode" or similar feature consult airline staff as to whether it can be used on board.

DRIVING

Full attention should be given to driving at all times and local laws and regulations restricting the use of wireless devices while driving must be observed.

HOSPITALS

Mobile phones should be switched off wherever you are requested to do so in hospitals, clinics or health care facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

PETROL STATIONS

Obey all posted signs with respect to the use of wireless devices or other radio equipment in locations with flammable material and chemicals. Switch off your wireless device whenever you are instructed to do so by authorized staff.

INTERFERENCE

Care must be taken when using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.


Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15 cm be maintained between a mobile phone and a pacemaker to avoid potential interference with the pacemaker. To achieve this use the phone on the opposite ear to your pacemaker and do not carry it in a breast pocket.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

NOTE : Excessive sound pressure from earphones and headphones can cause hearing loss.

 To prevent possible hearing damage, do not listen at high volume levels for long periods.

For other Medical Devices :

Please consult your physician and the device manufacturer to determine if operation of your phone may interfere with the operation of your medical device.

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

FCC Notice

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

Note:

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 to radio 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 circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help and for additional suggestions.

Warning

The user is cautioned that changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

FCC RF Exposure Information

This model 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.

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 handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. 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.

Body-worn Operation

This phone was tested for typical body-worn operations with the back of the phone kept at a distance of 1.0 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.0 cm separation distance between your body and the back of the phone. The use of belt clips, holsters and similar accessories should not contain metallic components.

The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

The FCC has granted an Equipment Authorization for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines.

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

Export Administration

Regulations This product and its accessories may fall under the category of application of Japan Export Control Regulations ("Foreign Exchange and Foreign Trade Law" and relevant laws and regulations). U.S. Re-export Regulations (Export Administration Regulations) is applied to this product and its accessories. If you export or re-export this product or its accessories, please follow the necessary procedures at your own risk and expense. For details on the procedures, contact the Ministry of Economy, Trade and Industry or the U.S. Department of Commerce.

Intellectual Property Right

Trademarks

All company names and product names in this manual are either trade marks or registered trade marks.

- The microSD logo, microSDHC logo, and microSDXC logo are trademarks of SD-3C, LLC.



- Bluetooth® word mark and logos are registered trademarks owned by Bluetooth® SIG, INC. LG Electronics Inc. have the rights of using the above trademarks.



- Wi-Fi® is registered trademark of Wi-Fi Alliance®.
- Google, the Google logo, Android, the Android logo, Google Play, the Google Play logo, Google Talk, Gmail are trademarks of Google, Inc.

- iWnn of OMRON SOFTWARE CO., Ltd. is used for conversion methods for Japanese language.
- iWnn© OMRON SOFTWARE Co., Ltd. 2008-2014 All Rights Reserved.

- "Jibe" is a trademark of Jibe Mobile K.K.
- FeliCa is a contactless IC card technology developed by Sony Corporation. FeliCa is a registered trademark of Sony Corporation.

- ☺ is a registered trademark of FeliCa Networks, Inc.
- GREE and the GREE logo are registered trademarks of GREE, Inc. in Japan. All other trademarks are the property of their respective owners.

- Rovi, G-GUIDE, G-GUIDE MOBILE and G-Guide related logos are trademarks registered trademarks of Rovi Corporation and/or its subsidiaries in Japan.

- Copyright © 2010- Three Laws of Mobility. All Rights Reserved.



- Twitter is a trademark of Twitter, Inc., and is used under license.
- Facebook and Facebook logo are trade marks or registered of Facebook, Inc.
- "mixi" and "mymixi" are trademark and/or registered trademark of mixi, Inc.
- "TRENDMICRO", "ツイルス(スター)" Copyright © 1989-2011 Trend Micro Incorporated. All rights reserved.
- The product includes pictograms licensed by NTT DOCOMO, INC.
- Manufactured under license from DTS, Inc. DTS, the Symbol, & DTS and the Symbol together are registered trademarks & DTS 2.0 is a trademark of DTS, Inc. Product includes software. © DTS, Inc. All Rights Reserved.



- Manufactured under license from Dolby Laboratories.

Dolby and the double-D symbol are trademarks of Dolby Laboratories.



- All other company names and product names are trademarks or registered trademarks of respective companies referred to in this manual.

OpenSSL License

[OpenSSL License]

Copyright © 1999-2011 The OpenSSL Project. All rights reserved.

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (http://www.openssl.org/)

THIS SOFTWARE IS PROVIDED BY THE OPENSSL PROJECT "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OPENSSL PROJECT OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

[Original SSLeay License]

Copyright © 1995-1998 Eric Young (eay@cryptsoft.com) All rights reserved.

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com) THIS SOFTWARE IS PROVIDED BY ERIC YOUNG "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Others

For software installed in this product or part of the installed software, you are not allowed to change, translate or adapt, reverse, engineering, decompile, reverse assemble them, or do anything related to the above.

This product is licensed complying with the MPEG-4 Visual Patent Portfolio License. If you use it for private purpose without any profits, you are allowed to use them only when:

- Recording videos that are compliant with the standard of MPEG-4 Visual (hereinafter referred to as MPEG-4 Video)

- Playing MPEG-4 Videos recorded personally by consumers not engaged in profit activities

- Playing MPEG-4 Video supplied from the provider licensed from MPEG-LA

For further utilizing such as promotion, in-house use or profit-making business, please contact MPEG LA, LLC in U.S.

- This product has been granted the licenses which code (i) AVC standard compliant video (hereinafter stated as AVC video) based upon the AVC Portfolio License for the individual use of customers, and non-commercial use, and/or the licenses which decode (ii) VC-1 video, (this is restricted to the AVC video that has been coded by customers who are not engaged in individual, and commercial activities, and/ or pertains to the provision of coded AVC video from video providers who have been granted the licenses). For any other purposes, licence is not permitted even for the implied usage. Additional information may be obtained from MPEG LA, LLC. Refer to http://www.mpegla.com

- This product has been granted the licenses which code (i) VC-1 standard compliant video (hereinafter stated as VC-1 video) based upon the VC-1 Patent Portfolio License for the individual use of customers, and non-commercial use, and/or the licenses which decode (ii) VC-1 video. (this is restricted to the VC-1 video that has been coded by customers who are not engaged in individual, and commercial activities, and/or pertains to the provision of coded VC-1 video from video providers who have been granted the licenses). For any other purposes, licence is not permitted even for the implied usage. Additional information may be obtained from MPEG LA, LLC. Refer to http://www.mpegla.com

^[1] This device complies with part 15 of the FCC Rules