# Health & Safety Warranty Guide

### **Health and Safety Information**

### Important Health Information and Safety Precautions

When using this product, the safety precautions below must be taken to avoid p legal liabilities and damages. Retain and follow all product safety and operating

instructions.

Observe all warnings in the product operating instructions. To reduce the risk of bodily injury, electric shock, fire and damage to the equipment, closely observe all of the

### Safety Precautions for Proper Grounding Installation

Caution: Connecting to improperly grounded equipment can result in an electric she either you or your device. This product is equipped with a USB Cable for connecting desktop or notebook computer. Be sure your computer is properly grounded before connecting this product to the computer. The power supply cord of a desktop or nent can result in an electric shock to notebook computer has an equipment-grounding conductor and a grounding plug. The grounding plug must be plugged into an appropriate outlet which is properly installed

Safety Precautions for Power Supply Unit

Use the correct external power source. A product should be operated only from the type of power source indicated on the electrical ratings label. If you are not sure of the type o power source required, consult your authorized service provider or local power company. For a product that operates from battery power or other sources, refer to the operating instructions that are included with the product.

### **Electrical Safety**

This product is intended for use when supplied with power from the designated battery or power supply unit. Other usage may be dangerous and will invalidate any approval given to this product. Handle battery packs carefully. This product contains a Li-lon battery. There is a risk of fire and burns if the battery pack is handled improperly. Do not attempt to open or service the battery pack. Do not disassemble, crush, puncture, short external contacts or circuits, dispose of in fire or water, or expose a battery pack to temperatures higher than 60°C (140°F).

Note: Danger of explosion if battery is incorrectly replaced. Replace only with specified batteries. To replace the battery, take the device to an authorized service centre. Recycle

or dispose of used batteries according to all applicable local regulations, or in accordance with the instructions in the reference guid Follow these other specific precautions:

### Keep the battery or device dry and away from water or any liquid as it may cause a

- short circuit.

  2. The phone should be connected only to products that bear the USB-IF logo or have
- 2. The phone should be connected only to products that bear the USB-IF logo or have completed the USB-IF compliance program.

  3. Keep metal objects away so they do not come in contact with the battery or its connectors as it may lead to short circuit during operation.

  4. Always keep the battery out of the reach of babies and small children to avoid swallowing. Consult a doctor immediately if the battery is swallowed.

  5. Do not use a battery that appears damaged, deformed, discolored, has any rust on its casing, if it overheats, and/or if it emits a foul odor.

  6. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage or other hazaful.
- or Ober Dat Uniquame dates you can ger may present a has or me, explosion, reawage or other hazard.

  7. Only use the battery with a charging system that has been qualified with the system per this standard: IEEE-Std-1725-200x.

  8. Use of an unqualified battery may present a risk of fire, explosion, leakage or other
- nazard.

  Replace the battery only with another battery that has been qualified with the system.
- oer this standard: IEEE-Std-1725-200x.

  O. Avoid dropping the phone or battery. If the phone or battery is dropped, especially ard surface causing damage, take it to a service center for inspection If the battery leaks: Do not allow the leaking fluid to come in contact with eyes. If contact occurs, DO NOT rub the eyes. Rinse with clean water immediately and seek
- medical advice. Do not allow the leaking fluid to come in contact with skin or clothing. If contact occurs, flush the affected area immediately with clean water and seek medical advice. Take other precautions to keep a leaking battery away from fire as there is a danger of ignition or explosion.

Prevention of Hearing Loss Caution: Permanent hearing loss may occur if earphones or headphones are used at volume levels for prolonged periods of time

### Safety Precautions for Direct Sunlight

# **Environmental Restrictions**

Do not use the progress, or in potentially explosive atmospheries such as fueling areas operations are progress, or in potentially explosive atmospheres such as fueling areas fuel storepressions. As a fuel in potential progress, and are such as fueling areas storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or long fuel products and progress or particles, such as grain, such progressions or particles, such as grain, such progressions are such as a such progression of the progression and the such as a suc

ssible interference caused by this product to an aircraft's navigation system Due to the possible interference caused by (in) product or an affrairs havigation system and its communications network, using this device's phone function on board an airplane is prohibited in most countries. If flight personnel authorize use of electronic devices, switch device to Airplane Mode (consult User Guide for instructions) to turn off RF

### Safety Precautions for PE Exposure turer-approved accessories may violate your local RE

 Use of non-original, non-manufacturer-approved accessories may violate your local Resposure guidelines and should be avoided.
 Use only original, manufacturer-approved accessories when such accessories contain Avoid using your phone near strong electromagnetic sources, such as microwave

vens, sound speakers, TV and radio. . Avoid using your phone near metal structures (for example, the steel frame of a

Explosive Atmospheres
When in an area with a potentially explosive atmosphere or where flammable materials
exist, the device should be turned off and the user should obey all signs and instructions.
Sparks in such areas could cause an explosion or fire resulting in bodily injury or even
death. Users are advised not to use the equipment at refueling points such as service or equipment in fuel depots, chemical plants, or where blasting operations are in progress

# Interference with Medical Equipment Functions This product may cause medical equipment to malfunction. The use of this device is

prohibited in most hospitals and medical clinics for which regulations and rule commonities an most insopitates after interlocal circuits or winder regulations and fruits are commonities frequently posted in such facilities. In these instances, turn your phone OFF as health care facilities frequently are equipment that is adversely affected by RF energy. If you use any personal medical device(s), consult the manufacturer of your device(s) to determine if the device(s) is adequately shelded from external RF energy. Your health care provider may be able to assist you in obtaining this information.

Non-ionizing Radiation
Your device has an internal antenna. This product should be operated in its normal-use position to ensure the radiative performance and safety from interference. As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of

he equipment and for personal safety, it is recommended that no part of the human 5. Cleaning - Unplug this from the wall outlet before cleaning. Do not use liquid cleaners ers to clean: use only a dry cloth Use only the supplied integral antenna. Use of unauthorized or modified antennas may impair call quality and damage the phone, causing loss of performance and SAR levels

6. Water and moisture – Do not use this product under moist environment.
7. Self-servicing – Attempting to service this product on your own, or opening or considering only defined an entire that the control of the control removing device covers may result in exposure to dangerous voltage or other hazards.

8. Unplug this apparatus during lighting storms or when unused for lengthy durations.

9. This Travel Charger is not intended to be repaired by service personnel in case of failure or component defect.

rference that may cause undesired operation.

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

communications. However, there is no guarantee that interference will not occur in a particular installation. If you expenience interference with reception (e.g., television), determine if this equipment is causing the harmful interference by turning the equipment off and then back on to see if the interference is a iffected. If necessary, try oriocate the receiving antenna. Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Properties from that to which the receiver is connected.

ceiver is connected. Consult the dealer or an experienced radio/TV technician for further assistance.

HAC
This phone meets the M3/T4 level rating.
This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. Therefore, it is important to experiment with the various features of this phone and in different locations using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on

earing aid compatibility. If you have guestions about return or exchange policies, consul

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

When ON, it receives and sends out Radio Frequency (RF) signals. In August 1996, the when ON, it receives and sends out Radio Frequency (RF) signals. In August 1996, If 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, as

ICNIRP (1996)

\*American National Standards Institute; National Council on Radiation Protection and Measurements; International Commission on Non-lonizing Radiation Protection. 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).

# FCC Notice and Cautions PCL Notice and customs This device and its accessories comply with Part 15 of FCC Rules. Operation is subject to the following conditions: (1) This device and its accessories may not cause harmful interference. (2) This device and its accessories must accept any interference received, including

- anger!
  Use dedicated chargers and follow the specified conditions when charging the cell. Use the cell only with the specified equipment.
  Do not put or store cell together with metal articles such as necklaces, hairpins, coins, or
- Interference that may cause undesired operation.

  Part IS.21 Statement:
  Changes or modifications that are not expressly approved by the manufacturer could void the user's authority to operate the equipment.

  Part of Statement IS.105:
  This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part IS of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residental installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed rews. Do not short circuit the (+) and (-) terminals with metal conductors Do not place cell in a device with the (+) and (-) in a reverse way. Do not penetrate cell with a sharp articles such as a needle. Do not disassemble the cell. Do not weld the cell directly.
- o not use a seriously damaged or deformed cell. may result in heat, fire, explosion, damage or the capacity loss of the cell.

- brand.

  Stop charging the cell if charging is not completed within the specified time.

  Stop using the cell if abnormal heat, odor, discoloration, deformation or abnormal condition is detected during use, charge, or storage.

  Keep away from cell immediately when leakage or foul odor is detected.

  Wash well with clean water immediately if liquid leaks onto your skin or clothes.

  If liquid leaking from the cell gets into your eyes, do not rub your eyes. Wash them well with clean water had call physician immediately.

# Caution! - Store batteries out of reach of children so that they are not accidentally swallowed or

nandied. If younger children use the cell, their guardians should explain the proper handling. Be sure to read the user's manual and cautions on handling thoroughly before using the

11. Batteries have cycle life. Replace failed cell with a new cell that is the same brand immediately after normal life cycle expiration, or if expiration has occurred prematurely. Store battery in a low-humidity and low-temperature environment if the battery won't be Keep it far away from articles or materials with static electric charges while the cell is

charged, used or stored.

- Wipe with a dry cloth before using the cell if the terminals of the cell become dirty.

# Safety Instructions of Travel Charger

The Travel Charger shall be installed according to specification. The current of load

Input: AC100-240V- 50/60Hz 0.25A Output: DC5V=1A

3. The Travel Charger shall be used for I.T. equipment only.
4. For indoor use only.

se only the supplied or approved replacement antenna. Unauthorized antenna odifications, or attachments could damage the phone and may violate FCC regulations

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

- Driving
  Always observe the laws and regulations regarding wireless phone usages while driving.
  Where cell phone use is permitted while driving, you MUST observe the following:
  1. Give full attention to driving driving safely is your first responsibility;
  2. Use hands-free operation, if available:
  3. Pull off the road and park before making or answering a call if driving conditions or the law requires that you do so.

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:

  1. Should ALWAYS keep the phone more than six (6) inches from their pacemaker when the phone is turned ON:

  2. Should not carry the phone in a breast pocket:

  3. Should use the ear opposite the pacemaker to minimize the potential for interference;

  4. Should turn the phone OFF immediately if there is any reason to suspect that

# Most modern electronic equipment is shielded from RF signals but some equipment or devices might not be.

Some digital wireless phones may interfere with hearing aids. In the event of such interference, you please consult your service provider, or call customer service regalternatives.

# Other Medical Devices

If you use other personal medical devices, consult the device manufacturer to determine if it is adequately shielded from external RF energy, or your health care provider may be able to advice about any harmful device interactions.

### Posted Facilities

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

# For Vehicles Equipped with an Air Bag

DO NOT place objects, including 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 since air bags inflate with great force.

pictures or videos, etc., may be inadvertently deleted due to careless use, phone repair, or software upgrades. Please back up your important phone numbers and all other vital data. Note: Neither the manufacturer nor any person or entity associated therewith is liable for any damages whatsoever due to loss of any or all data stored on any of your

devices.

When using the phone in public places, set the ringtone to vibration so you don't

Do not turn your phone on or off while the device is in close proximity to your ear. Use accessories, such as earphones and headsets with caution. Ensure that cables are tucked away safely and do not touch the antenna.

Avoid potential hearing loss.

Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent hearing loss. This includes the use of headphones (including headsets, ear buds and Bluetoothë, or other wireless devices). headphones (including headsets, ear buds and Bluetooth®, or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (ringing in the ear), hypersensitivity to sound, and distorted hearing. The amount of sound produced by a portable autio device varies depending on the nature of the sounc

mportant guidelines for hearing loss prevention: Set the phone's volume in a quiet environment and select the lowest volume for which

you can hear clearly.

2. When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.

3. Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, consider using noise-cancelling headphones to block out background noisy. As the volume increases, less time is required before your hearing could be affected,

4. As the volume increases, less time is required before your hearing could be affected, so consider limiting your listening time.
5. Avoid using headphones after exposure to extremely loud noises (e.g.: live concerts) that might cause temporary hearing loss which, in turn, might cause unsafe volume levels to sound like normal levels.
6. Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffied speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your health care

You can obtain additional information on this subject from the following sources:

# American Academy of Audiology 11730 Plaza American Drive, Suite 300 Reston, VA 20190 Voice: (800) 222-2336

# National Institute on Deafness and Other Communication Disorders

31 Center Drive, MSC 2320 Bethesda, MD USA 20892-2320 Voice: (301) 496-7243 Internet: http://www.nidcd.nih.gov/health/hearing

National Institute for Occupational Safety and Health Hubert H. Humphrey Bldg. 200 Independence Ave., SW Washington, DC 20201 Voice: 1-80-05-SNIOSH (1-80-0732-4636) Internet: http://www.cdc.gov/niosh/topics/noise/default.html

FDA Consumer Update
The U.S. Food and Drug Administration's (FDA) Center for Devices and Radiological Health Consumer Update on Mobile Phones:

1. 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:

1. Support current and future research regarding possible biological effects of the type of RF emitted by wireless phones;

 Design wireless phones in a way that minimizes any RF exposure to the user that is 2. Design wireless phones in a way that minimizes any RT exposure to the use of not necessary for device function; and
3. Cooperate in providing users of wireless phones with complete and accurate information regarding possible effects of wireless phone use on human health and safety. 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:
1. National institute for Occupational Safety and Health

Environmental Enviraction Agency

Environmental Protection Agency Occupational Safety and Health Administration

National Telecommunications and Information Administration he National Institutes of Health participates in some interagency working group 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 act to 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 FR 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.

# 2. Do wireless phones pose a health hazard?

2. Do wireless phones pose a health hazard?
Current 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 asfe. Wireless phones emit low levels of Radio Frequency (RF) energy while operating microwave ranges (which also emit very low levels of RF when they are in standby mode). While high levels of RF can produce health effects (by heating tissue), exposure to low-level RF there is the sculpt in the converse health of the converse have not uncovered any biological effects. Although some studies have suggested that some biological effects may occur such findings have not been confirmed by additional research. In some cases, other rese have had difficulty in reproducing those studies, and/or determining the reasons for

3. What are the results of the research done already? The research conducted this 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 it is largely unknown what the results of such studies eman for human health and safety. Three large epidemiology studies have been published since December 2000. These studies investigated possible associations between the use of wireless phones and primary brain cancer (glioma, meningioma, acoustic neuroma, other brain tumors, and

salivary gland tumors), leukemia, or other types of cancer. None of the studies salemontary gland under the existence of any harmful speech to facet, to from wireless plane RF demonstrated the existence, none of the studies can provide absolute findings about long-term exposures. However, none of the studies can provide absolute findings about long-term exposures since the average period of phone use in these studies was approximately

Here the term "wireless phone" refers to handheld wireless phones with built-in antennas often called "cell" or "mobile" 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 reduced due to a person's RF exposure rapidly decreasing with

# increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telept wiring in a house, typically operate at far lower power levels, thus producing RF exposures far below the FCC safety limits. 5. 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 inter EDA is working with the U.S. National ioxicology program and with groups or investigators around the world to ensure that high-priority animal studies are conducted to address concerns 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 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 implemented new research programs around the world. The project has also resulted in 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 conduct research on wireless phones 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

# 6. What research is needed to decide whether RF exposure from wireless phones poses

nearth risk? combination of laboratory studies and epidemiological studies of people actually using a combination of laboratory studies and epidemiological studies of people actually us wireless phones would provide some of the virtal data. Lifetime animal exposure studie 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 μορμιαιτουs, but ten or more years of follow-up research may be needed to provide answers about certain health effects, such as cancer. This is due to the interval between exposure time to a cancer-causing agent and the rate for which tumors develop - if they do. This could take several years into the future. 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. populations, but ten or more years of follow-up research may be needed to provide

### 7. 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 The Institute of Electrical and Electronic Engineers (EIEE) 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 make 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 mill-watts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

# 8. 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
exposures of the FDA and the other federal health
and safety agencies. The FCC limit for RF exposure from wireless phones is set at a and safety agencies. The FCC limit for RF exposure from wireless phones is set at a Specific Absorption Rate (SAR) of 16 watts per kilogram (IGW/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/cgb/cellular.html) gives directions for locating the FCC identification number on your phone, so you can find your phone's RF exposure leve in the online listing.

### 9. What about children using wireless phones?

9. what about children using wireless phoness: The scientified 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 Unitee Kingdom distributed leaflets containing such a recommendation in December 2000. They nary: it was not based on scientific evidence that any health hazard exists

# 10. 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 on a daily basis, consider placing more distance between your body and the source of the RF, since the exposure level drops off dramatically with your boughen use source or niether, since the exposure every the mirps of sphone away from distance. For example, you could use a headest and carry the wireless phone away 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 data does not demonstrate that wireless phones are harmful. But If you are concerned to the properties of the pro about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

## 11. What about wireless phone interference with medical equipment?

adio Frequency (RF) energy from wireless phones can interact evices. For this reason, the FDA helped develop a detailed test r lectro Magnetic Interference (EMI) of implanted cardiac pacema n wireless telephones. This test method is now part of a standard sponsored by the ociation for the Advancement of Medical Instrumentation (AAMI). The final draft, a 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 simultaneously. This standard was approved by the IEEE in 2000. The FDA continues to monitor the use of wireless phones for possible inveracions with other medical devices. Should harmful interference be found crother.

## 12. Where can I find additional information?

Exposure to Radio Frequency Signal

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), under "C" in the subject index, select Cell Phones > Current Research Results. Federal Communications Commission (FCC) RF Safety Program (http://www.fca.gov/gbb/celludar.html) international Commission on Nonionizing Radiation Protection (http://www.ucnirp.de) World Health Organization (WHO) International EMF Project (http://www.who.int/emf) Health Protection Agency (http://www.hpa.org.uk/)

# Consumer Information on SAR

Consumer Information on SAR
This Model Phone Meets the Government's Requirements for Exposure to Radio Waves.
Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These FCC exposure limits are derived from the recommendations of two expert organizations, the National Council on Radiation Protection and Heasurement (NCRP) and the institute of Electrical and Electronical Engineers (IEEE) in both cases, the recommendations were Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy. The exposure limit for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (KEW/Rg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (LEW/Rg). The FCC sposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements. 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 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, generally, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. This device was tested for typical body-worn operations with the back of the phone kept 0.59 inches (1.5 cm) between the user's body and the back of the back of the priorite kept 0.55 filteries (1.5 cm) between the sales young and the back the phone. To comply with FCC RF exposure requirements, a minimum separation distance of 0.55 inches (1.5 cm) must be maintained between the user's body and the back of the phone. Third-party belt clips, holsters, and similar accessories containing

back of the printer. Inter party set cuties, indisens, and animal accessories containing metallic components should not be used.

Body-worn accessories that cannot maintain 0.59 inches (1.5 cm) 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. The FCC has granted an Equipment Authorization for this model phone with all reported

The highest SAR value for this model phone when tested for use at the ear is 0.41 W/kg and when worn on the body, as described in this user's manual, is 1.29 W/kg. While there may be differences between SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure

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: DRAY LOGATION R38YLCP332IAT.

To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone. Sometime it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for your phone, follow the instructions on the website and it should provide values for typical or maximum SAR for that phone.

provide values for typical or maximum SAR for that phone. 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 (Wkg) averaged over one gram of itsue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

## FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices
On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order
in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid
Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible
with hearing-aids. The intent of the HAC Act is to ensure reasonable access to
telecommunications services for persons with hearing disblidities. While some wireless
phones are used near some hearing devices (hearing aids and cochlear implants), users
may detect a buzzing, humming, or whining noise. Some hearing devices are more
immune than others to this interference noise, and phones also vary in the amount of
interference they generate. The wireless telephone industry has developed a rating
system for wireless phones, to assist hearing device users to find phones that may be
commabile with their hearing devices. Not all phones have been rated Phones that are system patie wireless pronnes, to assist hearing device users to find prones that may be system patie with their hearing devices. Not all phones have been rated. Phones that are rated have the rating sare not depending on the beautiful properties. The properties of the properties of the system of the properties of the properties of the properties of the properties of the year have the properties of the properties of the properties of the properties of the year have been supported by the properties of the properties of the properties of the year have the properties of the year have been properties of the properties of the properties of the properties of the year have been properties of the year of the properties of the properties of the properties of the properties of the year of the properties of the properties of the properties of the properties of the year of the properties of the properties of the properties of the properties of the year of the properties of the properties of the properties of the year of the properties of the properties of the properties of the year of the properties of the properties of the year of the properties of the properties of the year of the properties of the properties of the year of the properties of the year of year of

to evaluate this.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to generate less or the two ratings. Hearing devices may also be rated. Your hearing device manufacturer or hearing health

nerofressional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6

are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use. In the example illustrated above, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This should provide the hearing-aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that's acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules. The HAC rating and measurement procedure are described in the American National Standards Institute (ANS) (CS.319 standard.
When you're talking on a cell phone, it's recommended that you turn the BT (Bluetooth) mode off for HAC.
For information about hearing aids and digital wireless phones

mode off for HAC.

For information about hearing aids and digital wireless phones
Wireless Phones and Hearing Aid Accessibility
http://www.accesswireless.org/Home.aspx
FCC Hearing Aid Compatibility and Volume Control
http://www.fcc.gov/cgb/consumerfacts/hac\_wireless.htm

# Standard Limited Warranty

(This standard Limited Warranty supersedes and replaces for all purposes the Standard Limited Warranty that appears in the enclosed documentation, if any) COOLPAD TECHNOLOGIES, INC.("COOLPAD") warrants that COOLPAD's handsets and accessories enclosed herein ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase by the first consumer purchaser and continuing for the following specified period of time after that date:

Datesy information

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

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

Violation of the instructions may cause finition or serious barinage to the product.

1. Do not disassemble, open, crush, bend or deform, puncture or shed your equipment.

2. Do not modify or remanufacture your equipment. Do not attempt to insert foreign objects into the battery. Do not immerse your equipment in water or other liquids, or expose it to water on the host-circuit the battery or allow metallic conductive objects to contact the

battery terminals.

4. Avoid dropping the phone. If the phone is dropped on a hard surface or elsewhere take it to a service center for inspection if damage is suspected.

Charger and Adapter safety

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

2. Insert the battery pack charger vertically into the wall power socket.

3. Only use the approved battery charger so as to avoid serious damage to your phone.

4. When traveling abroad, only use the approved battery pack charger along with the

Battery Information: Care and Proper Disposal

1. Please dispose of your battery properly or take it to your local wireless carrier for

ecycling.

The battery doesn't need to be empty before recharging, and replace the battery

2. The battery obesn't fleed to be empty before recharging, and replace the battery when it no longer provides acceptable performance. Note: The battery can be recharged several hundred times and it does not need to be empty in order to recharge. 3. Use only manufacturer-approved chargers specific to your phone model as they are

5. Keep the battery's metal contacts clean.
6. Recharge the battery after long periods of non-use to maximize battery life. Note: Battery life will vary due to usage patterns and environmental conditions.
7. Use of extended backlighting, Browser, and data connectivity kits affect battery life as well as talk/standby times.
8. The self-protection function of the battery cuts the power of the phone when its

Explosion, Shock, and Fire Hazards

1. Do not put your phone in a place that is subject to excessive dust, and always keep
the minimum required distance between the power cord and heat sources.

2. Unplug the power cord prior to cleaning your phone, and clean the power plug pin

General Notice

1. Using a damaged battery or placing a battery in your mouth may cause serious injury.

2. Placing items containing magnetic strip components (e.g.: credit cards, phone cards, bank books, subway tickets) near your phone may damage the data stored in the magnetic strips.

3. Talking on the phone for long periods of time may reduce call quality due to heat

4. Do not use the phone if the antenna is damaged as it may cause a slight contact

antenna.

5. Do not immerse your phone in water. If this happens, immediately turn the phone OFF and remove the battery. If the phone does not work, take it to the Authorized Service Center.

burn. Please communicate with the Authorized Service Center to replace the damaged

operation is in an abnormal state. In this case, remove the battery from the phon reinstall it, and turn the phone on.

when necessary.

5. When using the power plug, ensure that it's firmly connected.

4. Placing the phone in a pocket or bag without covering the phone receptacl plug pin), metallic articles (e.g.: coins, paperclips, pens) may short-circuit the p Always cover the receptacle when not in use.

battery terminals (metal strips) which may result in battery damage, or even an

Explosion, Shock, and Fire Hazards

	Phone	12 months
	Battery and Charger	6 months
	Other Accessories(If included in the box set)	3 months

This Limited Warranty is conditioned upon proper use of the Products. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misus Warranty does not cover: (a) defects or damage resulting from accident, misuse, abnormal cuse, abnormal conditions, improper storage, exposure to liquid, moisture, dampness, sand or dirt, neglect, or unusual physical, electrical or electromechanical stress; (b) scratches, dents and cosmetic damage, unless caused by COOLPAD; (c) defects or damage resulting from excessive force or use of a metallic object when pressing on a touch screen; (d) equipment from which the serial number and/or the enhancement data code have been removed, defaced, damaged, altered, made illegible, and/or otherwise tampered with; (e) ordinary wear and tear; (f) defects or damage resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/beripheral equipment not furnished or approved by COOLPAD; (g) defects or damage resulting from improper testing, operation, maintenance, installation, service or admisterance intenshed for intrinshed or approved by COOLPAD; (BAP); (d) defects or damage. service, or adjustment not furnished or approved by COOLPAD; (h) defects or damage resulting from external causes such as collision with an object, fire, flooding, dirt, resulting from external causes such as collision with an object, fire, flooding, dirt, windstorm, lightning, earthquake, exposure to weather conditions, thet, blown fuse, or improper use of any electrical source; (i) defects or damage resulting from cellular signal reception or transmission, viruses and/or other software problems introduced into the Product; or (j) Product used or purchased outside the United States. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if; (i) the battery has been charged by a battery charger not specified or approved by COOLPAD for charging the battery; (ii) any of the seals on the battery are broken or show evidence of tampering; or (iii) the battery has been used in equipment other than the COOLPAD phone for which it is specified.

During the applicable warranty period, provided the Product subject to the warranty claim is returned in accordance with the terms of this Limited Warranty, COOLPAD will repair or replace such Product, at COOLPAD'S sole option, without charge. COOLPAD may, at COOLPAD's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product, or may replace the Product with a rebuilt, reconditioned or new Product. All other repaired/replaced Products will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for ninety (90) days, whichever is longer. All replaced Products, parts, components, boards and equipment shall become the property of COOLPAD. Except to any extent expressly allowed by applicable law, transfer or assignment of this Limited Warranty is prohibited. To obtain service under this Limited Warranty, you must return the Product to an authorized nobuse service facility in an adequate container for shinning accompanied by lo obtain service under this Limited warranty, you must return the Product to an authorized phone service facility in an adequate container for shipping, accompanied by the sales receipt or comparable proof of sale showing the original date of purchase, the serial number of the Product and the seller's name and address. Replacement parts and related service manual and diagnostic tools are available in our authorized service center within ninety (90) days after launch of the Product. Replacement parts and/or services are available for three years after the end of production of the product. To obtain assistance on where to deliver the Product, please call COOLPAD Customer Care at 1.877-606-5753. If COOLPAD determines that any Product is not covered by this Limited Varranty, you must pay all parts, shipping, and labor charges for the repair or return o such Product. You should keep a separate backup copy of any contents of the Product before delivering the Product to COOLPAD for warranty service, as some or all of the contents may be deleted or reformatted during the course of warranty service.

coolpad

THIS LIMITED WARRANTY SETS OUT THE FULL EXTENT OF COOLPAD'S RESPONSIBILITIES, AND THE EXCLUSIVE REMEDY REGARDING THE PRODUCTS. ALL DISPUTES WITH COOLPAD ARISING IN ANY WAY FROM THIS LIMITED WARRANTY OR THE SALE, CONDITION OF PERFORMANCE OF THE PRODUCTS SHALL BE RESOLVED EXCLUSIVELY BY ANY COURT WITH COMPETENT JURISDICTION, Any such dispute shall not be combined or consolidated with a dispute involving any other person's or entity's Product or claim, and specifically, without limitation of the foregoing, shall not under any circumstances proceed as part of a class action. The laws of the State of California, without reference to its choice of laws principles, shall govern the interpretation of the Limited Warranty and disputes arising out of the products or

rhis settlement of disputes also applies to claims against COOLPAD'S emp Inis settlement or inspitues also applies to claims against COULTA'DS employees, contractors, agents, and/or other representatives, as well as any of all of its affiliated entities, regardless of place of incorporation, if any such claim arises from the Product's sale, condition or performance. Notwithstanding the foregoing, neither this warranty nor provision of any Product shall, in and of itself, provide for in persona jurisdiction over any of COOLPAD's employees, contractors, agents, and/or other representatives, or over its affiliated entitles.

f any portion of this Limited Warranty is held to be illegal or unenforceable, such partial llegality or unenforceability shall not affect the enforceability of the remainder of the