## 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 egal liabilities and damages. Retain and follow all product safety and operating

## Safety Precautions for Proper Grounding Installation

Caution: Connecting to improperly grounded equipment can result in an electric shock to either you or your device. This product is equipped with a USB Cable for connecting to a 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

Use the correct external 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 of 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.

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-ion

temperatures higher than 60°C (140°F). Mote: Danger of explosion if battery is incorrectly replaced. Replace only with specified batteries. Recycle or dispose of used batteries according to all applicable local regulations, or in accordance with the instructions in the reference guide.

nort circuit.

The phone should be connected only to products that bear the USB-IF logo or have

2. The phole aroda be connected only to phodocast and bear at each may of his 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

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

per tnis standard: IEEE-Std-1725-200x.

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

hazard.

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

10. Avoid drooping the phone or battery, if the phone or battery is dropped, especially on a hard surface causing damage, take it to a service center for inspection.

11. If the battery leaks: Do not allow the leaking fluid to come in contact with eyes. If contact output, Do NOT rule 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. It 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.

## Safety Precautions for Power Supply Unit

Follow these other specific precautions:

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

Electrical Safety
This product is intended for use when supplied with power from the designated battery
the description and will invalidate any approval

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

Prevention of Hearing Loss
Caution: Permanent hearing loss may occur if earphones or headphones are used at

## Safety Precautions for Direct Sunlight

Store this product away from excessive moisture and extreme temperatures. Do not leave the product or its battery inside a vehicle or in places where the temperature may exceed 60°C (140°F), such as on a car dashboard, window sill, or behind glass that is exposed to direct sunlight or strong ultraviolet light for extended periods of time. This may damage the product, overheat the batter, or pose a risk to the vehicle.

Environmental Restrictions

Do not use this product in gas stations, fuel depots, chemical plants or where blasting operations are in progress, or in potentially explosive atmospheres such as fueling areas fuel storehouses, below deck on boats, chemical plants, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Please be aware that sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

or possible interflence caused by this product of an interfact in any against year. communications network, using this device's phone function on board an airplane bitted in most countries. If flight personnel authorize use of electronic devices, device to Airplane Mode (consult User Guide for instructions) to turn off RF inst that may cause interference.

## Road Safety

**Road safety** in many jurisdictions, vehicle operators are not permitted to use communication services with handheld devices while the vehicle is in motion, except in the case of emergency. In some countries, using hands-free devices as an alternative is allowed. Safety Precautions for RF Exposure
1 Use of non-original, non-manufacturer-approved accessories may violate your local RF

re guidelines and should be avoided. xposure guidelines and should be avoided.

Use only original, manufacturer-approved accessories when such accessories contain metal or any kind.

3. Avoid using your phone near strong electromagnetic sources, such as microwave ovens, sound speakers, TV and radio.

4. Avoid using your phone near metal structures (for example, the steel frame of a building).

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 gas stations, and are reminded of the need to observe restrictions on the use of radio equipment in fuel depots, chemical plants, or where blasting operations are in progress. such as fueling areas, below deck on boats, fuel or chemical transfer or storage facilities and including, but not limited to areas where the air contains chemicals or particles such as grain, dust, or metal powders

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 rules are
commonly posted in such facilities. In these instances, turn your phone OFF as health care
facilities frequently use 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 shielded 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

## on: Permanent nearing loss may occur if ear

## Environmental Restrictions

# brand. Stop charging the cell if charging is not completed within the specified time. Stop charging the cell if abnormal heat, codor, 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 and call physician immediately. Caution!

## aruleu. 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 cell. Batteries have cycle life. Replace failed cell with a new cell that is the same brand

Store batteries out of reach of children so that they are not accidentally swallowed or

the equipment and for personal safety, it is recommended that no part of the human body should come too close to the antenna during equipment operation. 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 exceeding the recommended limits, as well as causing non-compliance with local and

exceeding the recommended minist, as were as classify intervenipment, with rotal mational regulatory requirements. In order to limit RF energy exposure and to ensure optimal phone performance, operate the device only it its normal-use position. Contact with the antenna area may impair call quality and cause your device to operate at a higher power level than needed which can reduce antenna performance and battery life.

langer!
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

Do not use a seriously damaged or deformed cell.

Thoroughly read the user's manual before use, inaccurate handling of lithium ion cell any result in heat, fire, explosion, damage or the capacity loss of the cell.

Washing!

i**ng:** not put cell into a heating vessel, washing machine or high-pressure containe:

product safety, there shall be precautions below.

crews. Do not short circuit the (+) and (-) terminals with metal conductors. Do not prace cell in a device with the (+) and (-) in a reverse to not penetrate cell with a sharp articles such as a needle. Do not disassemble the cell.

Do not weld the cell directly.

Batteries have cycle life. Replace railed 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 used for an extended period of time.
 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

lease read the following information carefully.

The maximum ambient temperature of the travel charger shall not exceed 40°C (104).

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.

Battery Information and Precautions

Cleaning - Unplug this from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners to clean; use only a dry cloth.
 Water and moisture - Do not use this product under moist environment.
 Self-servicing - Attempting to service this product on your own, or opening or removing device covers may result in exposure to dangerous voltage or other hazards.
 Unplug this apparatus during lighting storms or when unused for lengthy durations.
 This Travel Charger is not intended to be repaired by service personnel in case of failure or component defect.

## FCC Notice and Cautions

sories comply with Part 15 of ECC Rules

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 interference that may cause undesired operation.
Part 15.21 Statement:
Changes or modifications that are not expressly approved by the manufacturer could

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 a for the ramful interference in a residential installation. This example protection against a subject of the residence of the r particular installation. If you experience 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 affected. If necessary, try correcting the interference by one or more of the following measures:

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 manufacture of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer

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

Exposur not balandnet prequency signal four wireless handheld portable phone is a low-power radio transmitter and receiver. When deep compared to the compar 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

safety standards previously set by both U.S. and international standards 'bodies, as follows:

ANSI C951 (1992) \*

NCRP Report 86 (1986)

ICNIPP (1996)

American National Standards Institute: National Council on Radiation Protection and Heasurements, international Commission on Non-Ionizing Radiation Protection. Those scientific literatures 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 (C951). The design of your phone complies with the FCC guidelines (and those standards).

## plied or approved replacement antenna. Unauthorized antennas, attachments could damage the phone and may violate FCC regula

## Phone Operation NORMAL POSITION: Hold the phone as you would any other telephone with the antenna

## pointed up and over your should

Tips on Efficient Operation

For unuar 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

. Pull off the road and park before making or answering a call if driving conditions or

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 Persons with pacemakers:

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.

Neuring AIGS
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 regarding alternatives.

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

## Vehicles RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Be certain to contact the manufacturer or representative regarding this as well as manufacturer of any additional vehicle equipment.

Posted Facilities
Turn vour phone OFF 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. generation.
4. Do not use the phone if the antenna is damaged as it may cause a slight contact burn. Please communicate with the Authorized Service Center to replace the damaged 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.

 Do not paint your phone.
 Phone data, including contact information, ringtones, text messages, voice messages. pictures or videos, etc., may be inadvertently deleted due to careless use, hone 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.

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

disturb others.

9. Do not turn your phone on or off while the device is in close proximity to your ear. 10. Use accessories, such as earphones and headsets with caution. Ensure that cables are tucked away safely and do not touch the antenna.

Prolonged exposure to loud sounds (including music) is the most common cause of reverged exposure to loud sounds (including music) is the most common cause of reverged to hearing lous. 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, ser buds and Bluetoothiil, or other wireless devices). Exposure to very loud sound has also been associated in some studies with thinitus (ringing in the ear), hypersensitivity to sound, and distorted hearing. The amount of sound produced by a portable audio device varies depending on the nature of the sound the device, the device settings and the headphones. Hence, individual susceptibility to noise-induced hearing loss and other hearing problems can vary. Please follow these important guidelines for hearing loss prevention:

1. Set the none's volume in a muiet environment and select the lowest volume for whice. sounds (including music) is the most common cause of

Set the phone's volume in a quiet environment and select the lowest volume for which

1. Set the priories youtine 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 listening to.
3. Do not turn the volume up to block out noisy surroundings. If you choose to listening to.
4. Do look out background noise.
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 6. Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your health care

American Academy of Audiology 11730 Plaza American Drive, Suite 300 Reston, VA 20190 Voice: (800) 222-2336 Internet: www.audiology.org

National Institute on Deafness and Other Communication Disorders National Institutes of Health 31 Center Drive, MSC 2320 Bethesda, MD USA 20892-2320 Voice: (301) 496-7243 Email: nidcdinfo@nih.gov 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: 1-800-35-NIOSH (1-800-232-4636)
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? I. wmar is the FJA'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 for 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:

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;

2. Design wireless phones;

3. Experience of the type of the control of the cont

4. 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 act to limit RF exposure. The FCC relies on
the FDA and other health apenics 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.

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 safe. Wireless phones met blow 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 health gissue), exposure to low-level RF that does not produce health effects are suits in no known adverse halth low-level RF that does not produce health giffects results in no known adverse halth low-level RF that does not produce health giffect should be adverse to the standard of t

3. What are the results of the research done already?
The research conducted thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of Radio Frequency. (PF) 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 ncreased tumor to cancer impact used animals. Not be greatly have generally engineered or reased with cancer-cancer be presented as a constant of the state of t

## 3. What are the results of the research done already?

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

salivary gland tumors), leukemia, or other types of cancer. None of the studies demonstrated the existence of any harmful health effects from wireless phone RF

# 4. What kinds of phones are the Subjects of this typater. 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) persery 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 "cordiess phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, thus producing RF exposures far below the FCC safety limits.

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 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 Lettis work hajable helper propert of a determination of research needs the state of the state o Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to conduct research on wireless phone safety. The FDA provides the scientific oversight, obtaining input from experts in government, industry, and cacadenic 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.

5. What is the FDA doing to find out more about the possible health effects of wireless

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

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

## 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 tandard 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-Repsection of the Recommended Practice for Determining the Spatial-Repsecific Absorption Rate (SAR) in the Human Body Due to Wireless Communications pervices: 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. I 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 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
established these guidelines in consultation with the FDA and the other federal health
and safety agencies. The FCC limit for FR exposure from wireless phones is set at a pecific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6W/kg). The FCC limit is 

evers known to nave entects. Manufacturers or wireless priories must report the RP 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 level in the online listing.

9. What about children using wireless phones?
The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to Radio Frequency (RF) energy, the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure. Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaffest 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. 10. What steps can I take to reduce my exposure to Radio Frequency energy from my

10. What steps can I take to reduce in yeapone continued to the continued on the continu 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 distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna. Again, the scientific data does not demonstrate that wireless phone 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.

11. What about wireless phone interference with medical equipment? Radio Frequency (RF) energy from wireless phones can interact with some elect devices. For this reason, the FDA helped develop a detailed test method to mea Electro Magnetic Interference (EMI) of implanted cardiac pacemakers and defibr from wireless telephones. This test method is now part of a standard sponsored

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 completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone BMI. The EDA 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 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), under "C" in the subject index, select Cell Phones > Current Research Results. Federal Communications Commission (FCC) RF Safety Program (http://www.fcc.gov/cgb/cellular.html) International Commission on Nonionizing Radiation Protection (http://www.icnirp.de) World Health Organization (WHO) International CHF Project (http://www.who.int/emif) Health Protection Agency (http://www.hpa.org.uk/)

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 (FCO) of the U.S. Government. These FCC Federal Communications Commission (F-CL) of the U.S. GOVERNMENT. HINDER CALL exposure limits are derived from the recommendations of two expect organizations, the National Council on Radiation Protection and Measurement (NCRP) and the Institute of 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 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 (GW/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (GW/kg). The FCC responser limit incorporates as 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 specifies 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, 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 sale exposure. The tests are 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 iero DSS inches (15 cm) between the user's body and the back of the phone. To comply with FCC RF exposure requirements, a minimum separation distance of 0.5 inches (15 cm) must be maintained between the ser'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 0.59 inches (1.5 cm) separation distance 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 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 appropriate of the proposed propriate of the phone and have not been tested for typical appropriate.

## avoided. 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. The highest SAR value for this model phone when tested for use at the ear is 0.80 W/kg and when worn on the body, as described in this user's manual, is 1.25 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 Saka initiomation of units inbodely princis to finite with rine PCC and can be round order units playing from the property of the property of

provide values for typical or maximum SAR for that phone.
Additional information on Specific Absorption Rates (SAR) can be found on the Cellular

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices On July 10, 2003, the U.S. Federal Communications Commission (ECC) Pour 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 disabilities. 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 seleptione industry has developed a rating

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 compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box. The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to us a rated phone successfully. Trying out the phone with your hearing device is the best way to could as their. a rated phone successfully. Iryjing out the priorie with your recurring of the best of the valuate 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 interference to hearing devices than phones that are not labeled. T4 is the better/ higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health 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 M5 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 U mark

mode off for HAC.
For information about hearing aids and digital wireless phones
Wireless Phones and Hearing Aid Accessibility
http://www.accesswireless.org/Homea.spx.
FCC Hearing Aid Compatibility and Yolume Control
http://www.fcc.gov/cgb/consumerfacts/hac\_wireless.htm

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Le présent appareil est conforme aux CNR d'industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioletertique sub, même à le brouillage est susceptible de st susceptible d'in the contraction de l'accepter tout brouillage radioletertique sub, même à le brouillage est susceptible des susceptible des susceptibles.

tout brouillage radioélectrique subl, même si le brouillage est susceptible d'en compromettre le fonctionnement. 
Note: Some content and services accessible through this device belong to third parties and are protected by copyright, patent, trademark and/or other intellectual property laws. Such content and services are provided solely for your personal noncommercial use. You may not use any content or services in a manner that has not been authorized by the content owner or service provider. Without limiting the foregoing, unless expressly authorized by the applicable content owner or service provider, you may not modify, copy, republish, upload, post, transmit, translate, self, create derivative works, exploit, or distribute in any manner or medium any content or services displayed through this device.

Standard Limited Warranty Standard Limited Warranty

(This standard Limited Warranty superseds and replaces for all purposes the Standard Limited Warranty superseds and replaces for all purposes the Standard Limited Warranty that appears in the enclosed documentation, if any)

COOLPAD TECHNOLOGIES, INC, ("CCOULPAD") warrants that COOLPAD's handsets and accessories enclosed herein ("Products") are free from defects in material and workmarship under normal use and service for the period commencing upon the date o purchase by the first consumer purchaser and continuing for the following specified

Safety Information
Please read and observe the following information for safe and proper use of your phone and to prevent damage. Also, keep the user guide in an accessible place after reading it for ease in locating it for future reference.
Violation of the instructions may cause minor or serious damage to the product.
1. Do not disassemble, open, crush, bend or deform, puncture or shred your equipment.
2. Do not modify or remanufacture your equipment. Do not attempt to insert foreign children in water or other liquids, or

objects into the battery. Do not immerse your equipment in water or other liquids, or expose it to water or other liquids, fire, explosions or other hazards.

3. Do not short-circuit the battery or allow metallic conductive objects to contact the

pattery terminals. 4. Avoid dropping the phone. If the phone is dropped on a hard surface or elsewhere.

Line sper and Adapter aneity I. 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 phon

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

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

recycling.

2. The battery doesn't need 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

4. Do not disassemble or short-circuit the battery.

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

ition is in an abnormal state. In this case, remove the battery from the phone

3. When using the power plug, ensure that it's irriny connected.
4. Placing the phone in a pocket or bag without covering the phone receptacle (power plug pin), metallic articles (e.g.: coins, paperclips, pens) may short-circuit the phone.
Always cover the receptacle when not in use.
5. Metallic articles that come into contact with the phone may short-circuit the + and -battery terminals (metal strips) which may result in battery damage, or even an explosion.

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

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

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

Charger and Adapter Safety

reinstall it, and turn the phone on

General Notice

Battery Information: Care and Proper Disposal

Do not disassemble or short-circuit the battery.

| period of time after that date:               |           |
|---|-----------|
| Phone   | 12 months |
| Battery and Charger                           | 6 months  |
| Other Accessories(If included in the box set) | 7 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, misuse, abnormal use, abnormal conditions, improper storage, exposure to liquid, moisture, dampness, sand or dirt, neglect, or unusual physical, electrical or electromechanical stress (b) scardes, dents and consents damage, under cause ICCOCCENTRATES (c) scardes, dents and consents damage, under cause ICCOCCENTRATES (c) scardes and consents damage, under cause ICCOCCENTRATES (c) scardes and consents damage, under cause ICCOCCENTRATES (c) scardes and consents and consent resulting from external causes such as collision with an object, fire, flooding, dirt, windstorm, lightning, earthquake, exposure to weather conditions, theft, 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 (i) 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 wis 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 componen when repairing any Product, or may replace the Product with a rebuilt, reconditioned o when repairing any Irroduct, or may replace the Piroduct 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 Linteplace Warranty on the original Product or for inside (90) days, whichever is longer. All replaced Products, parts, components, boards and equipment shall become the property of COOLPAD. Except to any extent express) allowed by applicable law, transfer or assignment of this Lintel Warranty is prohibited. To obtain service meter this Lintelly in an adequate container for shipping, accompanied by authorized phone service facility in an adequate container for shipping, accompanied by autorized prince service racintly in an adequate container for shipping, accompanied by the sales receipt or companied by the sales receipt or companied 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/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 COQLPAD Custom Countries that any Product is not covered by this eturn of such Product.

You should keep a separate backup copy of any contents of the Product before

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 OR 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 persons'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 all disputes arising out of the products or

## services. This settlement of disputes also applies to claims against COOLPAD'S 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 personal jurisdiction over any of COOLPAD's employees, contractors, agents, and/or other representatives, or over its

If any portion of this Limited Warranty is held to be illegal or unenforceable, such part illegality or unenforceability shall not affect the enforceability of the remainder of the Limited Warranty. Coolpad Technologies, In San Diego, CA 92121 Customer Service: 1-877-606-5753