Coolpad Surf
Mobile Hotspot

User Manual

Health/Safety/Warranty Guide

Important Health Information and Safety Precautions

When using this product, the safety precautions below must be taken to avoid possible 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 device, closely observe all of the following precautions.

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 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 and grounded in accordance with all local codes and ordinances.

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 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.

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-ion 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. Recycle or dispose of used batteries according to all applicable local regulations, or in accordance with the instructions in the reference guide.

Follow these other specific precautions:

1. Keep the battery or device dry and away from water or any liquid as it may cause a short circuit.
2. The device 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 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 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 dropping the device or battery. If the device 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 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.

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 battery, 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.

Aircraft Safety

Due to the possible interference caused by this product to an aircraft's navigation system and its communications network, using this device on board an airplane is prohibited in most countries.

Safety Precautions for RF Exposure

1. Use of non-original, non-manufacturer-approved accessories may violate your local RF exposure guidelines and should be avoided.
2. Use only original, manufacturer-approved accessories when such accessories contain metal of any kind.
3. Avoid using your device near strong electromagnetic sources, such as microwave ovens, sound speakers, TV and radio.
4. Avoid using your device 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. Areas with a potentially explosive atmosphere are often, but not always, clearly marked 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 device 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 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 device, causing loss of performance and SAR levels

exceeding the recommended limits, as well as causing non-compliance with local and national regulatory requirements. In order to limit RF energy exposure and to ensure optimal device 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.

Battery Information and Precautions

To assure product safety, there shall be precautions below.

Danger!

- 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 screws.
- 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.
- Do not use a seriously damaged or deformed cell.
- Thoroughly read the user's manual before use, Inaccurate handling of lithium ion cell may result in heat, fire, explosion, damage or the capacity loss of the cell.

Warning!

- Do not put cell into a heating vessel, washing machine or high-pressure container.
- Do not use cell with primary batteries, or batteries of a different package, type, or 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 and call physician immediately.

Caution!

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

Please read the following information carefully.

1. The maximum ambient temperature of the travel charger shall not exceed 40°C (104 degrees F).
2. The Travel Charger shall be installed according to specification. The current of load

and output power shall not exceed the following value:

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.
5. Cleaning – Unplug this from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners to clean; use only a dry cloth.
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 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.

FCC Notice and Cautions

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 void the user’s authority to operate the equipment.

Part of Statement 15.105:

This equipment has been tested and found to comply with the limits for a class B digital

device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If 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:

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

TIA Safety Information

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

Exposure to Radio Frequency Signal

Your wireless handheld portable device is a low-power radio transmitter and receiver. When ON, it receives and sends out Radio Frequency (RF) signals. In August 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless devices. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards ‘bodies, as

follows:

ANSI C95.1 (1992) *

NCRP Report 86 (1986)

ICNIRP (1996)

* American National Standards Institute; National Council on Radiation Protection and Measurements; International Commission on Non-Ionizing Radiation Protection. 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 device complies with the FCC guidelines (and those standards).

Antenna Care

Use only the supplied or approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the device and may violate FCC regulations.

Tips on Efficient Operation

For your device to operate most efficiently, do not touch the antenna unnecessarily when operating the device. Contact with the antenna affects call quality and may cause the device to operate at a higher power level than otherwise needed, thus reducing battery life.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6) inches be maintained between a handheld wireless device 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 device more than six (6) inches from their pacemaker when the device is turned ON;
2. Should not carry the device in a breast pocket;
3. Should use the ear opposite the pacemaker to minimize the potential for interference;
4. Should turn the device OFF immediately if there is any reason to suspect that interference is occurring.

Electronic Devices

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

Hearing Aids

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

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.

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 your device 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.

Safety Information

Please read and observe the following information for safe and proper use of your device 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 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 battery terminals.
4. Avoid dropping the device. If the device 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 device.
4. When traveling abroad, only use the approved battery pack charger along with the correct device adapter.

Battery Information: Care and Proper Disposal

1. 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 device model as they are designed to maximize battery life.
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 device when its operation is in an abnormal state. In this case, remove the battery from the device, reinstall it, and turn the device on.

Explosion, Shock, and Fire Hazards

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

General Notice

1. Using a damaged battery or placing a battery in your mouth may cause serious injury.
2. Do not use the device 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.
3. Do not immerse your device in water. If this happens, immediately turn the device OFF and remove the battery. If the device does not work, take it to the Authorized Service

Center.

4. Do not paint your device.

Consumer Information on SAR

This Model Device Meets the Government's Requirements for Exposure to Radio Waves. Your wireless device 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 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 effects of RF energy. The exposure limit for wireless mobile devices 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 (W/kg). The FCC requires wireless devices to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg). The FCC exposure 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 device 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 device while operating can be well below the maximum value. Because the device 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 device 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 device kept 0.39 inches (1.0 cm) between the user's body and the back of the device. To comply with FCC RF exposure requirements, a minimum separation distance of 0.39 inches (1.0 cm) must be maintained between the user's body and the back of the device. Third-party belt clips, holsters, and similar accessories containing metallic components should not be used.

Body-worn accessories that cannot maintain 0.39 inches (1.0 cm) separation distance between the user's body and the back of the device, 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 device with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines.

The highest SAR value for this model device when worn on the body, as described in this user's manual, is 1.13 W/kg. While there may be differences between SAR levels of various devices and at various positions, they all meet the government requirement for safe exposure.

SAR information on this model device 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:

R38YLCP331A.

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

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 devices used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.