



## User Manual

## Table of Contents

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<b>Table of Contents</b> .....	<b>2</b>
<b>Hello from Coolpad</b> .....	<b>4</b>
<b>Getting started</b> .....	<b>5</b>
Device layout.....	5
Charging the battery .....	5
Power watch on & off.....	6
SIM card.....	6
Linking your Dyno Watch to the parent app .....	6
<b>Using the Dyno Watch app</b> .....	<b>9</b>
The Dyno Watch app .....	9
Guardians and contacts .....	9
Add another Dyno Watch .....	11
Unbind a Dyno Watch .....	11
Make a call from the Dyno Watch app .....	11
Send a message from the Dyno Watch app .....	12
Check the watch's location .....	12
Set a geo-fence .....	13
Tasks.....	13
Activity reminders .....	15
Class mode .....	15
Watch settings .....	16
Message center .....	17
<b>Using the Dyno Watch</b> .....	<b>18</b>
Basic layout .....	18
Phone.....	18
Messaging.....	19

Adding a friend.....	20
Alarm .....	20
Activity .....	22
Settings .....	23
SOS.....	24
Switching the watch band .....	25
<b>Stay Connected &amp; Get Updates .....</b>	<b>27</b>
<b>Specs &amp; hardware.....</b>	<b>28</b>
<b>Declaration of hazardous substances .....</b>	<b>29</b>
<b>Health/Safety/Warranty Guide.....</b>	<b>30</b>
Important Health Information and Safety Precautions .....	30
TIA Safety Information .....	33
Safety Information .....	35
FDA Consumer Update .....	36
Consumer Information on SAR .....	40
<b>Trademarks and Copyrights .....</b>	<b>42</b>
<b>Standard Limited Warranty.....</b>	<b>43</b>
Severability .....	44

## Hello from Coolpad

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Thank you for purchasing your **Coolpad Dyno** smartwatch! Please follow these simple but important instructions for optimal use of your new device.

Application features and functions may vary among countries, regions or hardware specifications, and any third-party application malfunctions are the responsibility of those manufacturers.

Exercise caution when editing User Registration Settings as this may cause functional or compatibility problems for which Coolpad will not be responsible.

We offer self-service for our smart terminal device users. Please visit the Coolpad Americas official website (at [www.coolpad.us](http://www.coolpad.us)) for more information on supported product models. Information on the website takes precedence.

The Spanish Coolpad Dyno Watch user guide is available to download online via [www.coolpad.us](http://www.coolpad.us).

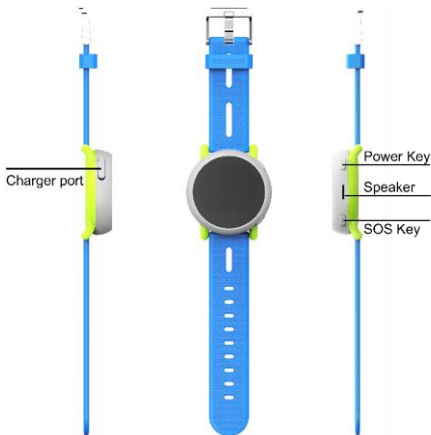
For additional support, visit [support.coolpad.us](http://support.coolpad.us).

## Getting started

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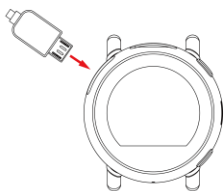
Get off to a running start with your new **Coolpad Dyno!**

### Device layout



### Charging the battery

1. Connect the Micro USB side of the data cable to the Micro USB port on your device. This is located on the top left side of your watch.
2. Connect the USB end to the travel adapter.
3. Connect the travel adapter to an electrical outlet to fully charge your watch.
  - Use the travel adapter that comes with your device; using other adapters may damage your watch.
  - Charging your watch through a USB cable that is attached to a laptop takes more time than charging it with the travel adapter.
  - Do not use your watch while it is being charged.



## Power watch on & off

### Power button:

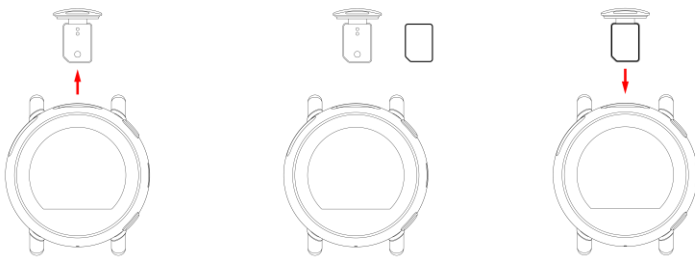
- Press and hold the **Power key** to turn the watch on/off.
- Press and hold the **Power key** for 10 seconds to restart the watch.
- Press the **Power key** to wake up the watch when the screen is dark, but the watch is on.
- Press the **Power key** to return to the home screen while using the watch.
- Press the **Power key** to silence an incoming call.

### SOS button:

- Press and hold the **SOS key** for 5 seconds to enable the SOS feature.
- Press the **SOS key** to go back while using the watch.

During a call, use the **Power key** to turn the volume up, and the **SOS key** to turn the volume down.

## SIM card



1. Pull out the SIM card connector.

2. Put Nano SIM card into card connector.

3. Insert card connector.

## Linking your Dyno Watch to the parent app

To use your Coolpad Dyno smartwatch, it must be registered with the *Dyno Watch* smartphone app. The app is available for Android OS 4.0.3 (or higher) or iOS7 (or higher) in the Google Play Store or the Apple App Store. The first person who installs the Dyno Watch app on their smartphone and completes the registration will automatically become the Primary Administrator. The Primary Administrator can register up to 5 additional phone numbers as Family/Guardians. Additional Guardians will also need to install and register with the Dyno Watch app.

### NOTE:

- *The smartphone must have Internet access to complete registration.*
- *The Dyno Watch app is free but data usage may apply when downloading and using the app.*

### Step One: Download and install the Dyno Watch app on your smartphone.

Decide who you want to be the Primary Administrator. Then download and install the Dyno Watch app on their smartphone from the Google Play Store or the Apple App Store. The Dyno Watch parent app is free to download.



### **Step Two: Activate your Coolpad Dyno Watch.**

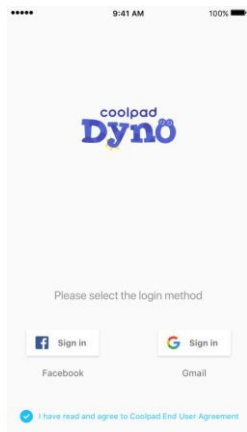
Insert the SIM card into the watch and turn the device on. A QR Code will appear on the screen.



### **Step Three: Register as a guardian using the Dyno Watch app.**

1. Open the Dyno Watch app on your smartphone. Tap the method of registration you would like to continue with. You can register with either a Facebook or Gmail account.
2. Link the app to your smartphone by entering your phone number. You will be asked to obtain a verification code.

*Note: use the phone number of your smartphone when registering for the app, do not use the phone number of the watch)*

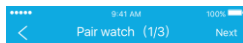
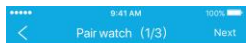


### **Step Four: Connect your smartphone to the watch.**

1. In the app, enter the phone number of the Dyno Watch you would like to connect to.

2. Use your smartphone to scan the QR code on the watch and tap **Next**. (Note: you can also enter the watch IMEI number, found in Settings > About watch to pair without scanning the QR code).
3. Enter a name for the watch, select your relationship to the child and tap **Done**.

*Note: The first person that completes this process will become the Primary Administrator of the watch.*



Enter your watch's mobile number



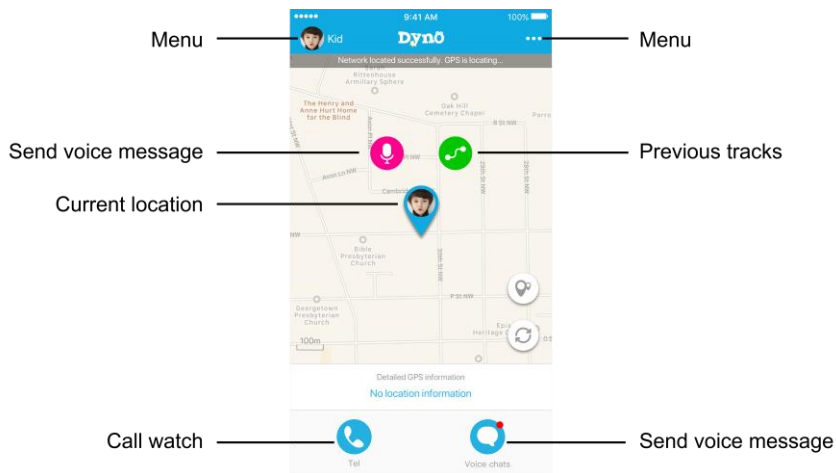
Please enter the SIM number 



## Using the Dyno Watch app

### The Dyno Watch app

Watch Guardians use the Dyno Watch app to connect and communicate with the watch.





### Guardians and contacts

The Primary Administrator can use the Dyno Watch app to register up to 5 additional phone numbers as Family/Guardians in the watch. Dyno Watch Guardians can call and message the Dyno Watch from their registered phone number through the app and receive calls from the watch. Guardians other than the Primary Administrator can use the app with limited functionality.

The Primary Administrator can also add and manage contacts that are Friends. Friends can only make calls to and receive calls from the watch. They are not able to use the app or message the watch. Friends that have a Dyno Watch can send messages to and receive messages from other Dyno Watches.

	Primary Administrator	Family/Guardians	Friends with a Dyno Watch	Friends without a Dyno Watch
Make calls to and receive calls from Dyno	X	X	X	X
Send messages to and receive messages from Dyno	X	X	X	
Use the Dyno Watch app to locate Dyno	X	X		
Receive notification if the Dyno	X	X		




Watch SOS button is activated				
Use the Dyno Watch app to manage contacts	X			
Use the Dyno Watch app to set up geo-fences, manage restricted usage time, and assign activity reminders and tasks	X			

To view the watch's list of family member and friends, tap  in the top left corner of the app home screen, and then tap  **Watch contacts.**

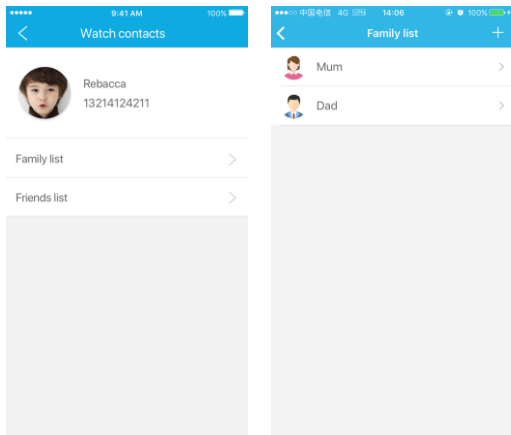
### Adding contacts

As the primary administrator, you can manage the watch's contacts from the Dyno Watch app.

To add a contact to the watch:



1. Tap  in the top left corner of the app home screen.
2. Then tap  **Watch contacts.**
3. Tap the contact group you would like to add a contact to (**Family list** or **Friends list**)
4. Tap  and enter the contact's information, then tap **OK.**

*Note: Guardians/Family members must download the app in order to send messages to the watch and track the watch's location. Friends/Family can make calls to the watch without having the app.*



### Deleting contacts



To remove a contact from the watch:

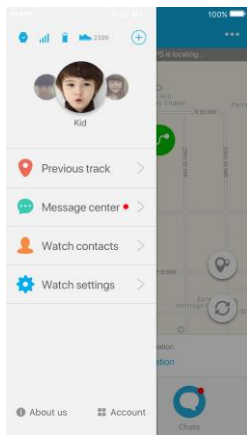
1. Tap  in the top left corner of the app home screen.
2. Then tap  **Watch contacts**.
3. Tap the contact group you would like to remove a contact from (**Family list** or **Friends list**)
4. Tap the contact you would like to delete, and then tap **Delete** at the bottom of the screen.

## Add another Dyno Watch

Each Guardian can have up to 10 Dyno Watches connected to their app.



To add another watch:

1. Tap  in the top left corner of the app home screen,
2. Tap  and enter the phone number of the watch and IMEI to pair.




## Unbind a Dyno Watch

To unbind a watch with the app:

1. Tap  in the top left corner of the app home screen.
2. Tap  **Watch settings**.
3. Tap **Unbind** at the bottom of the screen, then tap **Confirm**.

## Make a call from the Dyno Watch app

Family/Guardians can use the app to call the watch, or can make a call to the watch from their phone. To call the watch from the app, tap  from the app home screen. To call the watch from a phone, dial the watch phone number.

## Send a message from the Dyno Watch app



Family/Guardians are only able to send emojis, and voice messages to the watch from the app.

To message the watch, tap  from the app home screen and choose who you would like to send the message to.

*Note: The group chat includes all the watch's family members/guardians.*


### Edit watch pre-loaded messages

The Primary Administrator can manage pre-loaded messages from the app. Pre-loaded messages are messages that the watch can send to you in addition to emojis and voice messages. Each watch can have up to 6 pre-loaded messages. To add a pre-loaded message to the watch:

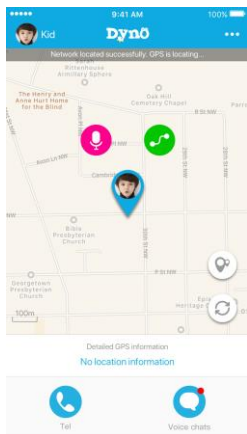
1. Tap  in the top left corner of the app home screen.
2. Tap  **Watch settings**.
3. Tap **Default chat reply**.
4. Tap **Edit** or **Add reply**.

## Check the watch's location

### Current location

The watch's current location can be seen on the home screen of the app. At the top of the screen, it will tell you how long ago the location of the watch was tracked. The location is automatically recorded every 5 minutes. To manually request the current location of the watch, tap .





To view detailed GPS information for the watch's location, tap the watch picture . Detailed location information will appear at the bottom of the screen.



*Note: When the watch is located in a place where GPS isn't available or if the watch is turned off or runs out of battery, then the watch app cannot display location information.*





*Note: Location information may be unavailable, inaccurate or incomplete depending on your watch's surroundings. GPS location is dependent on the watch being able to receive signals from multiple satellites for triangulation. If the surrounding environment (i.e. buildings or trees) prevent the watch from getting a signal, it cannot determine and report its location.*

### Previous tracks

To view previous location history for the watch, tap the watch picture  and then tap the green icon . You can also tap , then  **Previous tracks**. You can then select the date you would like to view location history for. Previous tracks are saved for up to 10 days.

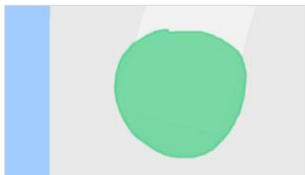
### Set a geo-fence

Primary Administrators can set up to 5 geo-fence areas. If the watch enters or leaves that area, the Primary Administrator will receive a notification.

1. Tap  in the top left corner of the app home screen.
2. Tap  **Watch settings**, then tap **Electronic fence**.
3. Tap **Add electronic fence** and input a category (danger zone or safety zone) and name for the area, then tap **Zone settings**.
4. Enter the address of the area you would like to set a geo-fence around.
5. Tap  to unlock, then use your finger to draw around the area you would like to set. Then press  to lock the zone.

*Note: You must close the shape of the area when drawing the zone. Lines cannot overlap or cross.*

CORRECT:






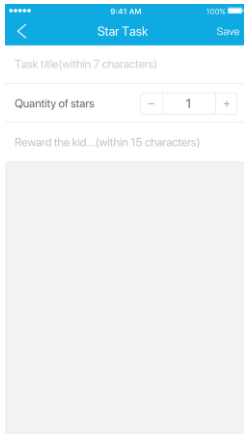
INCORRECT:




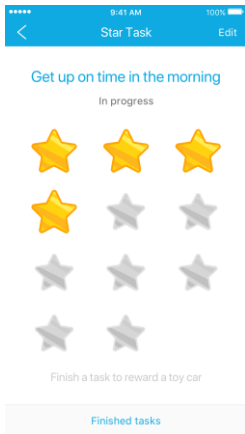
### Tasks

The Primary Administrator can assign tasks and reward the User with a gold star for completing a task. The User will be able to track their completed tasks from their watch.

1. From the home screen, tap  in the top right corner, and then tap  **Star Tasks**.
2. Tap  to create a new task.
3. Enter the task title, set quantity of stars (# of times you would like the watch User to do the task) and enter a reward for completing the series of tasks.






4. Whenever the User completes the task, tap  to turn the star gold. The User will receive a notification on their watch that the Primary Administrator acknowledged that they completed a task.



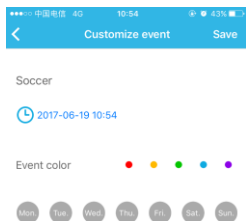
5. After all the stars are gold (the series of tasks is complete), you and the User will receive a notification.

## Activity reminders

The Primary Administrator can set up activity notifications for the watch from the Dyno Watch app. The watch will receive a notification when it is time for the activity.



1. From the home screen, tap  in the top right corner, and then tap  **Activity reminder**.
2. Tap  to create a new activity reminder and then tap which type of reminder you would like to create (Wake up, Bedtime, Birthday or Custom).
3. Enter the time, date and frequency you would like the reminder to occur, then tap **Save**.

*Note: For custom reminders, you are able to color code the type of reminder to make it easy for the watch User to differentiate from other activities.*



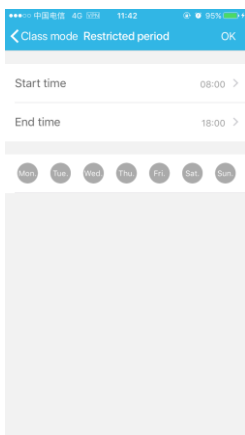
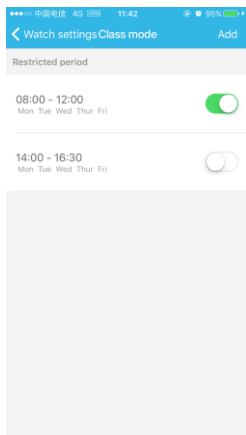
## Class mode

The Primary Administrator can set certain times in which they would like to restrict the User's usage of the watch (i.e. while at school).

1. Tap  in the top left corner of the app home screen.
2. Tap  **Watch settings**, then tap **Class mode**.
3. Tap **Add** in the top left corner to add a restricted usage time frame.
4. Enter a start time, end time, and frequency, then tap **Save**.


*Note: You can turn restricted usage on and off by tapping the switch to  On or  Off.*

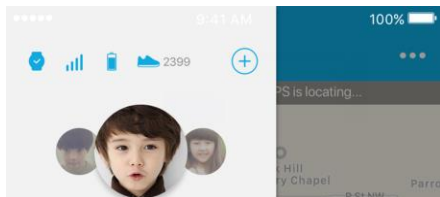
*Note: When the restricted usage feature is on, the User is still able to use the SOS button. If the Primary Administrator needs to reach the User during the restricted usage time, they can turn the feature off, contact the User, and turn it back on.*



## Watch settings

From the app, you can see and control several of the watch's settings.

Tap  in the top left corner of the app home screen. Here you can quickly see the watch's signal, battery life, and current number of steps at the top of the screen.



Tap  then tap  **Watch settings**. You will be able to see the following:

- **Restricted usage:** Tap to manage restricted usage time.
- **Receive push message:** Tap switch to **On** to receive notifications.
- **Electronic fence:** Tap to manage geo-fences.
- **Default chat reply:** Tap to manage pre-set messages on the watch.
- **Power saving mode:** Tap to manage battery mode.
- **Power on/off settings:** Tap to manage watch power on/off settings. You can set specific times you want the watch to turn on in the morning and off at night.
- **Watch factory information:** Tap to view the watch IMEI number and watch version number.



## Message center

- **Power on/off record:** See the power on/off history of the watch.
- **Call history:** View the watch's call history.
- **New friends:** View recently added friends on the watch.

## Using the Dyno Watch

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Explore what the Dyno Watch can do and practice making and receiving calls.

### Basic layout



### Change the watch face

The watch face can be set to either digital or analog. To switch the watch face, swipe down from the top of the screen and swipe left or right to switch between watch faces. Tap which one you would like to choose.

### Phone

#### Making a call

1. Slide left from the home screen and tap either **Family** or **Friends**.




2. Tap the name of the contact you would like to call.



3. Tap  to call.




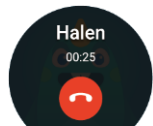
#### Answering a call

To answer an incoming call, tap .



### **Ending a call**

To end a call, tap .

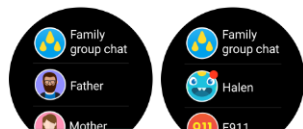


### **Messaging**

1. Slide left from the home screen and tap **Friends** or **Family**.




2. Tap the name of the contact you would like to message.



3. Tap and hold  to send voice message.



4. Touch  to send an emoji.

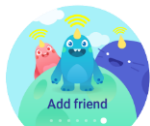
5. Swipe from the bottom of the screen to the top of the screen to view pre-loaded messages. Tap the message to select.



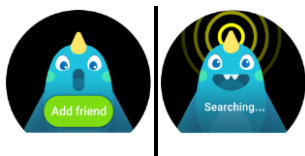
## Adding a friend

A User with a Dyno Watch can add a friend who also has a Dyno Watch via Bluetooth. The Users need to be near each other for the watches to connect.

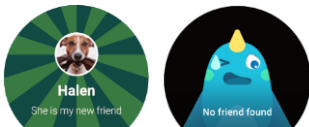
1. From the home screen, swipe left until you reach the **Add friend** screen.



2. While in proximity of each other, have both Users tap the green **Add friend** button.



3. You will be notified that the friend was successfully added. If no friends were found, make sure you are close enough to the person you want to add, and try again.





*Note: Once connected, the Primary Administrator can choose to keep or delete the friend as a contact.*

## Alarm

### Add a new alarm

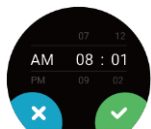
1. To add a new alarm, you can slide right from the home screen and tap **Alarm**.





2. Tap  to create a new alarm. If there are already alarms set in the watch, tap  to add a new one.



3. Enter the time you would like to set the alarm for. Tap  to cancel, or tap  to save and move on.



4. Enter the frequency that you would like the alarm to go off. Tap  to cancel, or tap  to save the alarm.

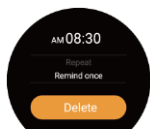


### Delete an alarm

1. From the home screen, slide right and tap **Alarm**.
2. Tap the alarm you want to delete.



3. Tap  to delete the alarm.




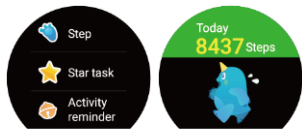
## Activity

### Step count


1. Slide right from the home screen and tap **My Activity**.



2. Tap  to view the current day's step count.




### Calendar

1. Slide right from the home screen and tap **My Activity**.
2. Tap  to enter the calendar screen and view reminders.



You can tap the forward and backward arrows to view different dates.

### Tasks

1. Slide right from the home screen and tap **My Activity**.
2. Tap  to view tasks.
3. If there is a task, it will display the task and star(s) earned.



4. When you complete a task and receive a star, the watch will send a notification.




## Settings

### Volume


1. Slide right from the home screen and tap **Settings**.



2. Select  to view volume adjustment settings.
3. Tap screen to adjust volume. There are four volume levels. The louder the volume, the larger the yellow circle.




### Brightness

1. Slide right from the home screen and tap **Settings**.
2. Select  to view brightness adjustment settings.
3. Tap screen to adjust brightness. There are three brightness levels. The brighter the display, the larger the lamp.




## Language

1. Slide right from the home screen and tap **Settings**.
2. Tap  to view language settings.
3. Choose desired language (English, Spanish or Chinese).




## Ringtone

1. Slide right from the home screen and tap **Settings**.
2. Tap  to access ringtones.
3. Choose which ringtone you would like for when the watch has an incoming call.




## About watch

1. Slide right from the home screen and tap **Settings**.
2. Tap  to see the QR code, IMEI, and SN number of watch.



## System update


1. Slide right from the home screen and tap **Settings**.
2. Tap  to view the latest software version and upgrade if there is a new one.


## SOS

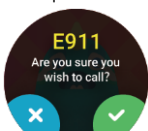
The Dyno Watch SOS feature allows the User to call 911 in case of an emergency. This device is capable of providing latitude and longitude information via AGPS and Wi-Fi when the feature is enabled. Make sure you discuss with your when it is appropriate to make a call to 911 to ensure the feature is used only in emergencies.

## Emergency 911



At the end of the **My family** contact list, there is a contact titled  **Emergency**. This cannot be changed or edited by the User or the Primary Administrator.


- When this contact is selected, it will ask the User to confirm that he or she wants to call 911. To confirm, the User must tap  to continue the call.



- After a call to 911 is made, the watch will be able to receive a call from any number for 10 minutes. After 10 minutes, the watch will resume normal functionality and receive calls from preset contact numbers.  
*Note: This is so that the 911 operator is able to call the User back in the event the call with 911 is prematurely terminated.*

### **SOS Button**

The bottom left button on the side of the watch is the SOS key.

- SOS is triggered when the SOS key is held for 5 seconds.
- When SOS is triggered, the device will automatically call the Primary Administrator's phone.
- If the Administrator does not answer, the device will ask the User if he or she would like to call 911. The User must tap  to continue the call.



Whenever the SOS button is activated or 911 is dialed, all of the Family/Guardian contacts will receive a notification.

### **Emergency Call**

*Although all devices are equipped with 9-1-1 emergency calling capabilities, this device may or may not permit its location to be approximated during a 9-1-1 call.\**

*\*Availability of this feature depends on upgrades to the (a) wireless network and (b) 9-1-1 calling system that are required to be installed by the local 9-1-1 response agency or public safety answering point (PSAP); these upgrades may not be available everywhere within our wireless coverage area or your roaming area. This approximation of the phone's location and the transmittal of location information are subject to emergency situations, transmission limits, network problems/ limitations, interconnecting carrier problems, your phone, buildings/ tunnels, signal strength and atmospheric/topographical conditions, and may be curtailed, interrupted, dropped, or refused. The phone's approximate location is transmitted to the local 9-1-1 response agency or PSAP while the call is in progress; this approximation is intended solely to aid the PSAP in dispatching emergency assistance or to limit the search area for emergency services personnel. You should not rely solely on a mobile device for essential communications (such as a medical or other emergency). Please see T-Mobile's Terms and Conditions, and Privacy Policy for additional service restrictions and details.*

### **Switching the watch band**

Your Dyno Watch comes with two different color watch bands. The watch bands are standard 22mm. The bands connect to the watch with a spring bar, which passes through the loop hole in the band and fits into indents in the watch.

#### **Removing the band**

To remove the band, you need to remove the spring bar. To do this, you can use a spring bar tool, something similar, or your hands. Insert the tool in between the band and where it connects to the watch and press the bar in (away from the watch). This should push the spring bar down and release the band.

#### **Attaching the band**

Make sure the spring bar is threaded through the band. Take one half of the band, and carefully place the bottom part of the spring bar into the indent in the watch. Then, compress the other side of spring bar so you can slide the rest of the band into the indent on the other side of the watch.

## Stay Connected & Get Updates

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Get updates, user guides and more information about your Coolpad Dyno Watch at [www.coolpad.us](http://www.coolpad.us).

Discover what's going on right now in cell phone news, trends, techniques & other cool stuff by connecting with us on social media:



**@CoolpadAmericas**


## Specs & hardware

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<b><u>Specifications</u></b>		
Dimensions	47.2mm*14.65mm	
Antenna	Built-in	
SIM card	Nano SIM	
Network Mode	GSM, UMTS and LTE	
<b><u>Screen Parameters</u></b>		
Type	Screen Size	Resolution
TFT	1.22 inches	240*204
<b><u>Accessories</u></b>		
Battery	Battery Type	Lithium Ion Polymer Rechargeable Battery
	Rated Capacity	605mAh
	Nominal Voltage	3.85 V

**Note:** The battery capacity is subject to update and change.

## Declaration of hazardous substances

Parts Name	Toxic or hazardous substances or elements					
	Plumbum (Pb)	Mercury (Hg)	Cadmium (Cd)	Chromium VI (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)
PCB Board & Accessories	○	○	○	○	○	○
Plastics	○	○	○	○	○	○
Metals	○	○	○	○	○	○
Battery	○	○	○	○	○	○
Other	○	○	○	○	○	○
○: indicates that the content of the toxic or hazardous substance in all homogeneous materials is within the limit of the SJ/T11363-2006 standard.						
x: indicates that the content of the toxic or hazardous substance in some homogeneous materials exceeds the limit of the SJ/T11363-2006 standard.						
 <p>The Environmentally Friendly Use Period of this product is 20 years, as shown by the symbol on the left. The Environmentally Friendly Use Period of replaceable parts, such as battery, may be different from that of the product. The Environmentally Friendly Use Period is valid only when the product is operated under the conditions defined in this User Guide.</p>						

# Health/Safety/Warranty Guide

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## 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 equipment, 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 device is equipped with a USB Cable for connecting to a desktop or notebook computer. Be sure your computer is properly grounded before connecting this device 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 device 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 device.

### Electrical Safety

This device 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 device 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.
8. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
9. 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.
10. 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 storerooms, 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 wireless device on board is prohibited in most countries. Please switch your device off before boarding an aircraft.

### **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 device 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 device 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 device 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 in 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 device.
- Use the device only with the specified equipment.
- Do not put or store device together with metal articles such as necklaces, hairpins, coins, or screws.
- Do not short circuit the (+) and (-) terminals with metal conductors.
- Do not place product in a device with the (+) and (-) in a reverse way.
- Do not penetrate device with a sharp articles such as a needle.
- Do not disassemble the device.
- Do not weld the device directly.
- Do not use a seriously damaged or deformed device.
- Thoroughly read the user's manual before use. Inaccurate handling of polymer lithium ion device may result in heat, fire, explosion, damage or the capacity loss of the device.

#### **Warning!**

- Do not put device into a heating vessel, washing machine or high-pressure container.
- Do not use device with primary batteries, or batteries of a different package, type, or brand.
- Stop charging the device if charging is not completed within the specified time.
- Stop using the device if abnormal heat, odor, discoloration, deformation or abnormal condition is detected during use, charge, or storage.
- Keep away from device 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 device 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.
- when kid or younger children use the device, their guardians should explain the proper handling.

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 device is charged, used or stored.
- Wipe with a dry cloth before using the device if the device becomes 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 0.15A

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 lightning 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 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 wireless 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 wireless device and may violate FCC regulations.

### **Tips on Efficient Operation**

For your wireless 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 wireless device more than six (6) inches from their pacemaker when the wireless device is turned ON;
2. Should not carry the wireless device in a breast pocket;
3. Should use the ear opposite the pacemaker to minimize the potential for interference;
4. Should turn the wireless 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 shielded against the RF signals from your wireless device.

### **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 advise 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.

### **Health Care Facilities**

Turn your wireless device OFF in any health care facility when posted notices so require. Hospitals or health care facilities may use equipment that could be sensitive to external RF energy.

### **Aircraft**

Please refer to pages 31 of this guide for information regarding operating electronic devices on aircrafts.

### **Posted Facilities**

Turn your wireless 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 wireless 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 device.

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 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 Coolpad-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.

### **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. Placing items containing magnetic strip components (e.g.: credit cards, bank books, subway tickets) near your wireless device may damage the data stored in the magnetic strips.
3. Talking on the wireless device for long periods of time may reduce call quality due to heat generation.
4. Do not use the wireless device if the antenna is damaged as it may cause a slight contact burn. Please communicate with a Coolpad Authorized Service Center to replace the damaged antenna.
5. 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 a Coolpad Authorized Service Center.

6. Do not paint your device.
7. Device data, including contact information, ringtones, text messages, pictures, etc., may be inadvertently deleted due to careless use, device repair, or software upgrades. Please back up your important contact 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. Do not turn your device on or off while the device is in close proximity to your ear.

**Caution:**

**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, at high volume settings for long durations may lead to permanent hearing loss. This includes the use of 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 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 device's volume in a quiet environment and select the lowest volume for which you can hear clearly.
2. 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 noise.
3. As the volume increases, less time is required before your hearing could be affected, so consider limiting your listening time.
4. 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.
5. 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 provider.

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

Email: [info@audiology.org](mailto:info@audiology.org)

Internet: [www.audiology.org](http://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](mailto: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>

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

### **1. What is the FDA's role concerning the safety of wireless devices?**

Under the law, the FDA does not review the safety of radiation-emitting consumer products such as wireless devices before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless devices 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 devices to notify users of the health hazard and to repair, replace, or recall the wireless devices so that the hazard no longer exists.

Although the existing scientific data does not justify FDA regulatory actions, the FDA has urged the wireless device 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 devices;
2. Design wireless devices in a way that minimizes any RF exposure to the user that is not necessary for device function; and
3. Cooperate in providing users of wireless devices with complete and accurate information regarding possible effects of wireless device 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
2. Environmental Protection Agency
3. Occupational Safety and Health Administration
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 devices with the Federal Communications Commission (FCC). All wireless devices 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 devices.

The FCC also regulates the base stations that the wireless device networks rely upon. While these base stations operate at higher power than do the wireless devices themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless devices. Base stations are thus not the subject of the safety questions discussed in this document.

### **2. Do wireless devices pose a health hazard?**

Current scientific evidence does not show that any health problems are associated with using wireless devices. There is no proof, however, that wireless devices are absolutely safe. Wireless devices 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 that does not produce heating effects results in no known adverse health effects. Many studies of low-level RF exposures 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 researchers have had difficulty in reproducing those studies, and/or determining the reasons for inconsistent results.

### **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 (RF) energy exposures characteristic of wireless devices 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 devices, so it is largely unknown what the results of such studies mean 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 devices 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 demonstrated the existence of any harmful health effects from wireless device RF exposures. However, none of the studies can provide absolute findings about long-term exposures since the average period of wireless device use in these studies was approximately three years.

#### **4. What kinds of devices are the subjects of this update?**

Here the term "wireless device" refers to handheld wireless device with built-in antennas, often called "cell", "mobile", or "PCS" wireless devices. These types of wireless devices can expose the user to measurable Radio Frequency (RF) energy because of the short distance between the wireless device 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 wireless device 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 devices," 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.

#### **5. What is the FDA doing to find out more about the possible health effects of wireless device 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 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 device 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 device users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

#### **6. What research is needed to decide whether RF exposure from wireless devices poses a health risk?**

A combination of laboratory studies and epidemiological studies of people actually using wireless devices 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 devices. Many factors affect this measurement, such as the angle at which the wireless device is held, or which model of wireless device is used.

#### **7. What has the FDA done to measure the Radio Frequency energy coming from wireless devices?**

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the Radio Frequency (RF) energy exposure from wireless devices 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 device users. The test method uses a tissue-simulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same wireless device. 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 device complies with safety guidelines.

## **8. How can I find out how much Radio Frequency energy exposure I can get by using my wireless device?**

All wireless devices sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit Radio Frequency (RF) energy exposures. The FCC established these guidelines in consultation with the FDA and the other federal health and safety agencies. The FCC limit for RF exposure from wireless devices is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6W/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 device and is set well below levels known to have effects. Manufacturers of wireless devices must report the RF exposure level for each model of device to the FCC.

The FCC website (<http://www.fcc.gov/oet/rfsafety>) gives directions for locating the FCC identification number on your device, so you can find your device's RF exposure level in the online listing.

## **9. What about children using wireless devices?**

The scientific evidence does not show a danger to users of wireless devices, 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 devices. Reducing the time of wireless device 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 devices at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless device causes brain tumors or other ill effects. Their recommendation to limit wireless device 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 wireless device?**

If there is a risk from these wireless devices 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 device will reduce RF exposure. If you must conduct extended conversations by wireless device 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 device away from your body or use a wireless device connected to a remote antenna. Again, the scientific data does not demonstrate that wireless devices 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 device use.

## **11. What about wireless device interference with medical equipment?**

Radio Frequency (RF) energy from wireless devices can interact with some electronic devices. For this reason, the FDA helped develop a detailed test method to measure Electro Magnetic Interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless devices. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by the FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless device EMI. The FDA has tested hearing aids for interference from handheld wireless devices 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 devices so that no interference occurs when a person uses a "compatible" device and a "compatible" hearing aid simultaneously. This standard was approved by the IEEE in 2000. The FDA continues to monitor the use of wireless devices 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 EMF Project (<http://www.who.int/emf>)

Health Protection Agency (<http://www.hpa.org.uk>)

## Consumer Information on SAR

This wireless 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 device 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) when such wireless devices are used by the public next to the mouth, and a safety limit of 4.0 watts per kilogram (4.0 W/kg) when such wireless devices are worn on the wrist. 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 wireless 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 wireless device while operating can be well below the maximum value. Because the wireless 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 wireless 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., next to the mouth and worn on the wrist) as required by the FCC for each model. This device was tested for typical calling operations with the front of the wireless device kept 10mm from the user's mouth.

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 tested for use next to the mouth is 1.47 W/kg and when worn on the wrist, as described in this user's manual, is 1.23 W/kg. While there may be differences between SAR levels of various wireless 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.

To find information that pertains to a particular model wireless device, this site uses the wireless device FCC ID number which is printed somewhere on the back of the wireless device. Once you have the FCC ID number for your wireless device, follow the instructions on the website and it should provide values for typical or maximum SAR for that wireless 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 wireless devices used by the public next to the mouth 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.

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## Standard Limited Warranty

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(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 wireless device 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 12 months after that date.

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) 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 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/peripheral equipment not furnished or approved by COOLPAD; (g) defects or damage resulting from improper testing, operation, maintenance, installation, 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, 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 (j) Product used or purchased outside the United States.

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 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 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. 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 Warranty, you must pay all parts, shipping, and labor charges for the repair or return of 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.

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 BY AN ARBITRATOR IN ACCORDANCE WITH THE FEDERAL ARBITRATION ACT (FAA), NOT A JUDGE OR JURY. THE ARBITRATION SHALL BE ADMINISTERED BY JAMS PURSUANT TO ITS COMPREHENSIVE ARBITRATION RULES AND PROCEDURES BEFORE A SINGLE NEUTRAL ARBITRATOR. 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 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 personam jurisdiction over any of COOLPAD's employees, contractors, agents, and/or other representatives, or over its affiliated entities.

### **Severability**

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

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