

# Ripxx® Personal Measurement Device®

Olympic-level precision in the palm of your hand



Instructional Manual



## Ripxx® Personal Measurement Device®



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# Section 1

## GETTING STARTED

You know *why* you do it. It's something in the adrenaline. It's the pleasure, and even the pain. It's what drives you. It's what makes you push your body to the limit. It's a feeling that no device can track, but you already know it inside and out. You get it.

Now you'll know *how* you do it. Forget about your limits and start setting the bar higher. Discover your hidden strengths and improve your weaknesses by capturing every critical moment in its finest detail. Ripxx gets that.

### STEP 1 - TURNING YOUR RIPXX ON/OFF

To turn on your Ripxx, press and hold the **Power/Recording** button for a few moments until the OLED display comes on. Press *and hold* the same button again to turn your Ripxx off.

Pressing the **Power/Recording** button when the Ripxx is already turned on will begin recording. The screen will indicate that Recording has started and will then go black to save power. The LED at the top of the display will flash, however indicating that data is being recorded. To turn off the Ripxx from this state, press the **Power/Recording** button to stop recording (the screen will indicate this), then press and hold the button to turn the device off.



### STEP 2 - STRAP IT ON

For best performance in snow sports, wear your Ripxx in the holster provided. Strap it on just below the knee and above your calf muscle. The screen on your Ripxx can face outward or inward in the holster, but keep it in the same direction throughout the day for best performance. The opening in the top of the fold-over flap provides easy access to the Power/Recording button so you can easily start/stop recording.

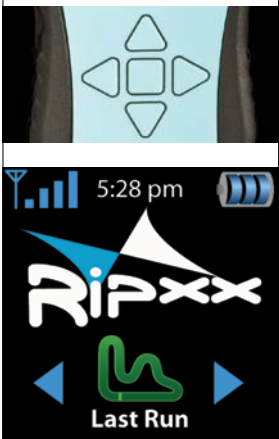
Note: you can wear your Ripxx elsewhere using our optional clip, or in optional cases available on [www.Ripxx.com](http://www.Ripxx.com). Other locations are supported in the replay software. (Please see the help documentation in the Ripxx software application for more information.) If you don't care about tracking the orientation of your body, you can still use Ripxx to track your position and speed by putting it in your pocket, or just about anywhere.

### STEP 3 - RIP

When you're ready to start recording, push the **Power/Recording** button without holding it down. The display will inform you that a recording session has started. To end the session, press and hold the same button again until the display informs you that the recording has ended. **Do not** continue holding the button, as the device *will shut down after ten seconds*.

Once you have your Ripxx switched on, recording, and holstered, you're set. From here on out, it's all about you and what you do. The difference is that this time, every moment on your journey will still be there tomorrow.

## Section 2



### INTERFACE GUIDE

Your Ripxx can provide you with some information about your most recent run as soon as recording is stopped. The OLED screen displays a graphical user interface (GUI) to show you data from your last run as well as for overall control and set up. We will continue to add to the information that is available on the device, so check back with us frequently at [www.Ripxx.com](http://www.Ripxx.com) for firmware updates.

Interact with the GUI using the **Navigation Buttons**. The arrows navigate up/down/left/right and the center button selects or goes back to an earlier screen.

At the top of the interface on each screen is a graphic showing you the GPS signal strength/quality, current time and the remaining battery life. Best results are obtained when the GPS indicator shows 3 or 4 bars. The battery should last for an entire day of activity (8 hours or more) without any problems. The icon will turn red when power is nearly exhausted.

**Last Run:** Selecting this option from the home screen will take you to additional screens with some of statistics from your most recent recording. Once in the "Last Run" section, navigate left and right to see various statistics such as your fastest speed and run time.

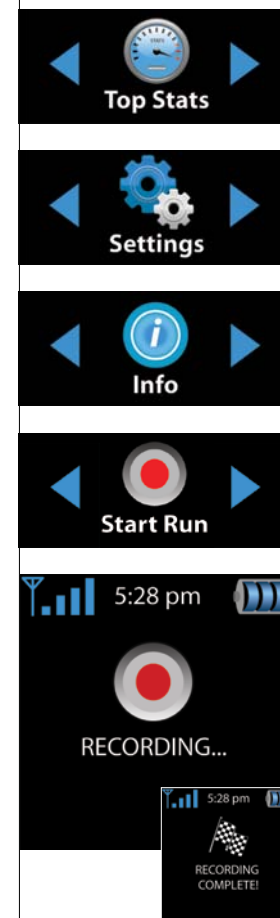
**Top Stats:** This option is similar to the "Last Run" menu item but provides top stats since the last time the device was powered on. Again, once you're in the "Top Stats" section, navigate left and right to see various statistics such as your fastest speed and total run time.

**Settings:** Select the "Settings" menu item to change clock timezone and screen brightness. These settings have no effect on your recorded data.

**Info:** Select the "Info" menu item to view the GPS clock and how much storage remains on the micro-SD card. The GPS time is acquired from the GPS satellites and is recorded in the data file. The time is Greenwich Mean Time (GMT) and may differ from your local time zone. Your Ripxx shipped with a 2GB micro SD card.

**Help:** This provides some top-level help with navigation of the Ripxx GUI.

**Recording:** Begin recording by briefly pressing the **Power/Recording** button at the top of the Ripxx device or selecting Start Run on the menu screen (the device must first be turned on to record). An icon will display to tell you recording has begun and then the screen will go black to conserve power. Press the **Power/Recording** button again or the center select button to stop recording. The screen will again light up displaying the checkered flag icon.



# Section 3

## GETTING CONNECTED

Your Ripxx is designed to connect effortlessly with your home PC. This is how the battery is charged, the firmware is updated, and your data is uploaded for viewing and sharing.

### PLUG IT IN

Your Ripxx device comes with a Micro-USB connection cable. Connect the large connector on the cable into your PC and the smaller end into the Ripxx. The Ripxx Manager should automatically launch.

### RIPXX MANAGER

The Ripxx Manager interface application will automatically launch when you plug your Ripxx into your PC. All data on the current SD card will immediately begin to populate the manager window. Any files you haven't uploaded yet will be automatically marked for upload. You can customize your selection as much as you like before starting any transfers. Uploaded files can be found in the "My Ripxx" folder under your user documents.

*Note: Windows Explorer can also be used to copy/move your data directly if you don't want to use Ripxx Manager. We recommend using the Manager, however, as it is gives more relevant*

*information about the recorded files and simplifies the process of uploading them.*

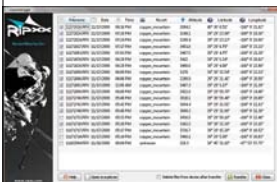
When you close the Manager, you will be prompted to run Ripxx Replay.

### RIPXX REPLAY

Ripxx Replay is the best way to look at your Ripxx data. It offers full 3D playback of your data with life-like terrains and four different views (first person, third person, chase, and helicopter). Ripxx Replay also has a plotting functionality so you can see the raw, measured data for detailed analysis and exporting. For more information on using Ripxx Replay, please consult the software's help documentation.

### CONNECTING YOURSELF

Your Ripxx isn't the only thing that can get 'plugged in'. Visit our website at [myripixx.com](http://myripixx.com), where you can upload and share data using our free social networking service. You can also update your firmware if a new version is available. And don't forget to check in regularly for new versions of Ripxx Replay – there's a lot to look forward to!



## Section 4-6

### USING SD MEMORY

SD Memory, also known as Flash Memory, is a secure, fast, and efficient way to store interchangeable data. Every second of your recorded data goes directly to a micro SD card, which can be accessed at any time via the micro SD Port as shown below.

Your Ripxx comes with a 2 GB SD card pre-installed that you can record to. The card and port are generic, meaning that you can purchase your own SD cards and swap them out. But don't break open your wallet just yet! Your pre-installed SD card can already hold roughly **80 hours** of recording time, which can be moved off at any time when you upload to a PC.

### CARING FOR YOUR RIPXX

Your Ripxx is made to be durable. The case is reasonably water resistant, but NOT waterproof. If you want to use your Ripxx in a wet environment (we mean water, not snow) you should seal it in one of our optional waterproof pouches, or a re-sealable plastic bag.

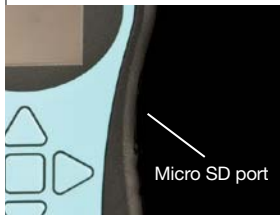
Here are some tips for caring for your Ripxx:

1. Do not submerge your Ripxx without using a waterproof enclosure
2. Do not leave the USB or SD ports uncovered when you're out on the field, as this might allow water to enter the device. If this happens, turn your Ripxx off and allow it to dry in a clean, warm place.
3. Do not throw the device as this may result in damage if dropped. Note: abuse is not covered by the limited warranty.
4. Do not hit the device (for example with a tennis racquet, or baseball bat) as this will certainly damage the device. Note: abuse is not covered by the limited warranty.
5. Use the holster as prescribed or otherwise secure the device so it doesn't fall off. Ripxx, LLC isn't responsible for damage to the device should it be inadequately secured to what is being measured.

### BONUS INFORMATION!

If you're a Ripxx customer, we know you live life to the max. We get that you fill your time with activities you love. You surround yourself with people you love. Maybe you're the type who loves the serenity of being alone with the mountain, or the trail. It's there that you're at peace. All of us pursue something that gives us peace and fulfillment.

Well, we want to suggest to you that there is something more fulfilling in life; something that even lasts beyond this life. Something that we've found that we want you to have. It's a special kind of love. It's love found only in a relationship to Jesus Christ. Check out why this might be something you've been longing for by visiting [www.getreallove.org](http://www.getreallove.org). It may be the most important web site you've ever visited.



## LIMITED WARRANTY

The RIPXX Personal Measurement Device is warranted against defects in materials and workmanship for one year from the date of shipment. In the event of such defects, we, Ripxx, LLC, will, at our sole option and as your exclusive remedy, repair or replace the defective product without charge. In order for this warranty to be effective, you must notify us within 30 days of discovery of the defect. You must return the defective product to us within the warranty period, properly packaged with insurance and transportation costs prepaid. Once we have determined the returned product to have a defect covered by this Limited Warranty, we will ship the product to you at our expense within the United States

This Limited Warranty does not cover defects that we determine are the result of accident, alteration, modification, negligence, misuse, abuse, failure to follow instructions, normal wear and tear, or normal maintenance.

NOT LIMITED TO, ANY WARRANTIES, EXPRESS OR IMPLIED, OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. For more information visit [www.ripxx.com](http://www.ripxx.com)



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