

Boomerang CycloTrac Manual

The Boomerang CycloTrac is a cloud based activity monitor for bicyclists. When you get on the bike, CycloTrac knows you're there, gathers your data, and uploads it to the cloud in real time. You focus on enjoying your ride and the cycling experience, knowing all of the data is there for you, all the time. No more postride downloads or adding and removing hardware from your bike. The antitheft element of the CycloTrac system has the potential to entirely change the mindset of how often you use your bike or even what kind of bike is purchased.

Register the CycloTrac at www.Boomerangbike.com and install the mobile phone app. The mobile app is the primary interface for setting and controlling the CycloTrac.

The CycloTrac should be charged before use. Charging is through the microUSB port. The CycloTrac can be connected to a wall charger, computer, or other USB standard port with +5V power for charging. If the battery is fully depleted, charging time can be up to 4 hours.

Operation On/Off

The natural state of the device is 'asleep'. It wakes up or 'turns on' with movement. If you want to record a trip, go to the settings and turn on Auto-Start.

Mapping

When Auto Start is on activates continuous logging and mapping. Mapping is automatic as long as the bike is in motion and stops when the bike is still for 3 minutes. A trip will report path travelled, distance, trip time, calories burned, elevation and more viewed in the Dashboard on BoomerangBike.com. Data can also be uploaded to third party apps such as Strava.

Set Alarm

1. On the bottom of the app press Set Alarm. **2.** Slide to activate. The arm icon will close and turn red. If the bike is moved, an audible alarm will sound and the user will receive a text message and email indicating suspicious activity. **3.** The alarm function is turned off by sliding the Deactivate icon OFF. After a few seconds the alarm will open and the icon will turn from red to OFF (blue).

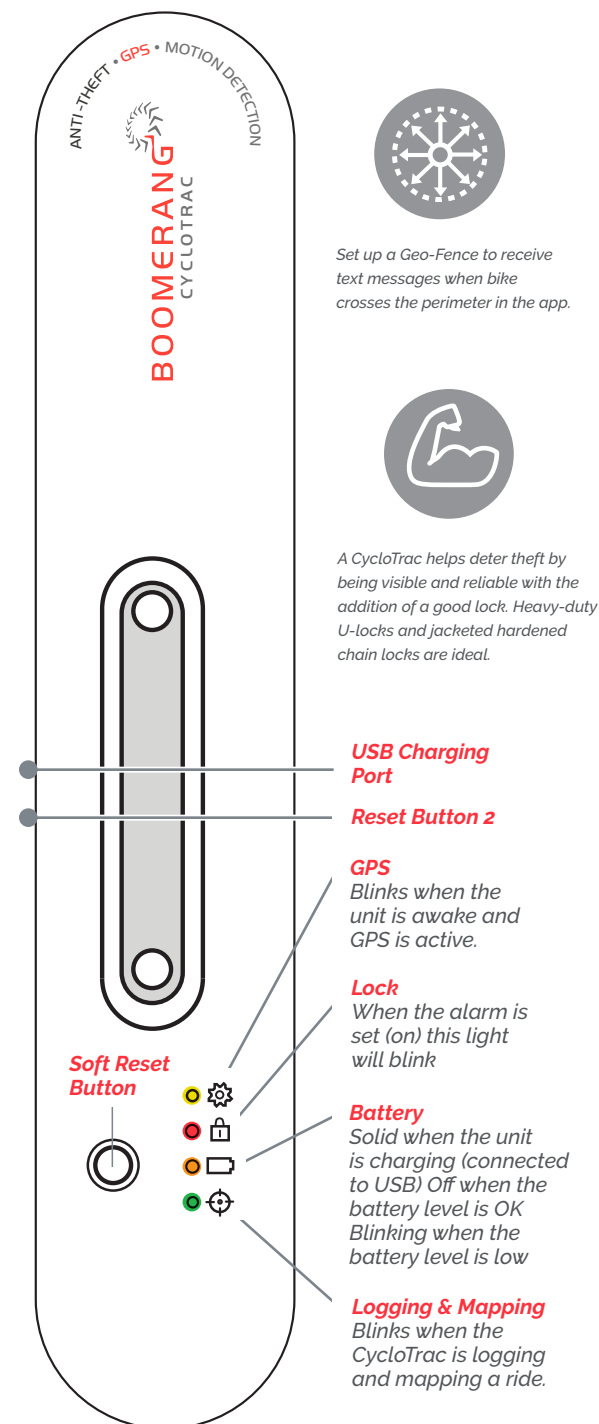
Sound Alarm

To test alarm, arm the bike and move it. You should hear an audible alarm and get a text message. Make sure your unit is charged and the GPS and Alarm lights are on.

For battery savings, the CycloTrac will shut down (deep sleep mode) all nonessential functions if it is not moved for about 3 minutes (default). The CycloTrac automatically wakes up by sensing motion. The bike mounted CycloTrac is ready for use once the yellow GPS light is flashing continuously. The alarm function is still active, even when the CycloTrac is in deep sleep. The user can park the bike, set the alarm, and have the security of knowing that the system will automatically wake upon movement, sound the alarm, and provide text and email notifications of tampering, weeks or even months later.

Troubleshooting

If the unit seems unresponsive, make sure it is recharged for 4 hours. If there is no response to movements follow these steps: **1.** Make sure there is a full charge. **2.** Press and hold Reset button for 3 seconds. LED's should blink. Restart successful. **3.** If Step 2 fails, activate Reset Button 2 (in the small hole next to the USB port) by pushing in a small paper clip or tack. LED's should blink. Contact us if there is no response.



Boomerang CycloTrac Quick Start Guide

Hardware

- CycloTrac • 6 ft USB charging cord
- 3 Tamper proof Screws • 1 screw bit

Hardware Instructions

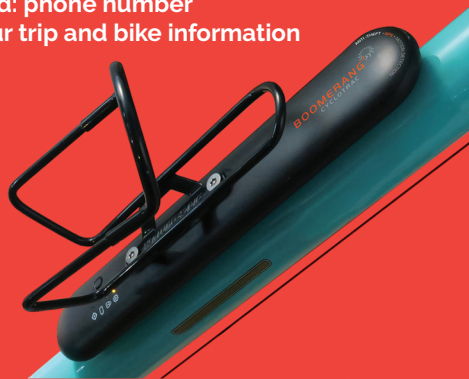
1. Charge CycloTrac for 4-6 hours.
2. Remove your waterbottle cage.
3. Place your CycloTrac in the frame.
4. Put water bottle cage on top of the CycloTrac.
5. Use screw provided to mount both CycloTrac and waterbottle cage.

App Instructions

1. Download the App from the Apple Store or Google Play
 - Search for Boomerang's CycloTrack GPS Anti-Theft device.
2. Log in to the App
 - User Name: Last name
 - Password: Your phone number
3. Settings
 - Set metric or US Standard.
 - Auto record is like an on off switch. When you want to record a trip turn on auto record.
 - Select a bike.
4. Alarm
 - Press the button left bottom and slide the slider over to arm your device.
 - To turn off the alarm slide the slider.
5. Find my bike
 - Press the button on bottom right.

Dashboard

1. Go to URL System.boomerangbike.com
2. User name: last name
3. Password: phone number
4. View your trip and bike information



REGULATORY NOTICE

This equipment is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government and Industry Canada.

The exposure standard employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit relevant for the application described in this manual is 1.6W/kg.

Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the equipment while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

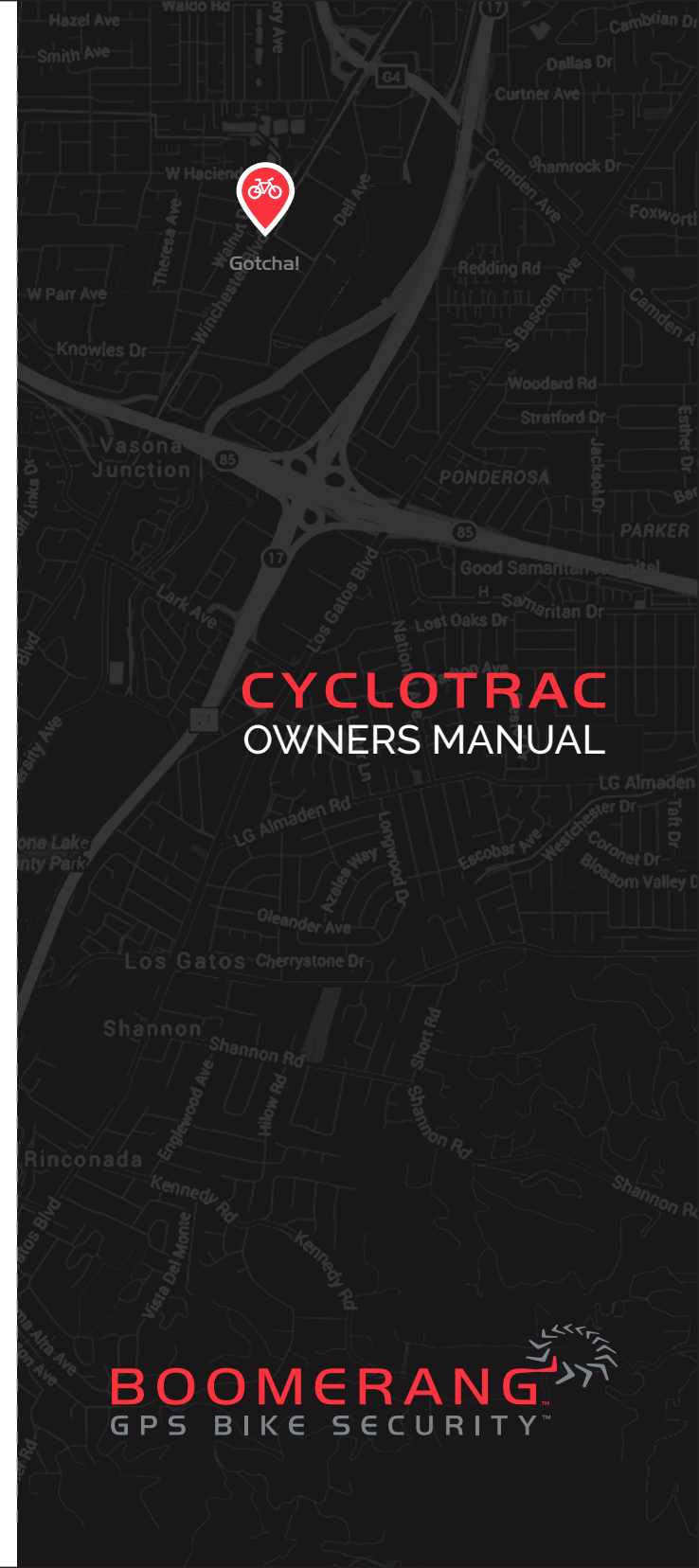
Equipment Authorization has been granted to this model with the reported SAR level(s) evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this equipment is on file with the FCC and can be found under the Display Grant section of: www.fcc.gov/oet/ea/fccid after searching on the FCC ID as printed on the equipment.

This equipment has been tested to comply with FCC and IC radiation exposure limits set forth for an uncontrolled environment when used for the documented intended purpose and when mounted and operated as shown in this user manual. The equipment has been tested for a minimum distance of 30mm between the device and the human body.

BOOMERANG
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