

# 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](http://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.

