Boomerang CycloTrac
Manual

Boomerang is the latest technology in bike security. The Boomerang allows the bike to communicate with the bike owner if disturbed (ie stolen). 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.

Activation/Operation On/Off

Go to our website at www.Boomerangbike.com (top of site) and click on "Activation." Then fill out the form. Please fill in the following information to activate the device and assign it to your program: Full name, mobile # (so you receive a text if your bike is disturbed), email address and time zone. 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 with +5V power for charging. If the battery is fully depleted, charging time can be up to 4 hours. 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. The unit beeps to let you know it is awake and is connected to a satellite.

Mapping
When Auto-Start is on it 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 theDashboard on BoomerangBike.com.

Commands
In addition to the App you can control the device with Text messaging. The device phone # can be found on the bottom left side of the dashboard. Here are few commands that might be helpful. Note all of these commands are in lower case.
1. Set alarm "alm 1" **2.** Set sound the alarm "alm 2"
3. Turn off alarm "alm 0". **4.** Longer and more sensitive alarm: "nvap 3 480000 14400000 2000 5000 1" **5.** To stop a trip: "pla" or plc. **6.** Re-set "rst"

Set Alarm
1. On the bottom of the app press Set Alarm. **2.** Press button 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 touching 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. Unit should be charged with the **GPS** and **Alarm** lights on. For battery savings, the CycloTrac will shut down (deep sleep mode) all non-essential functions if it is not moved for about 3 minutes (default). 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.** Text the device "rst".
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.

The most important piece of information on the App and dashboard is the last update information. **The last update date needs to be within 24 hours or your device is not working.** Make sure the previous trip has ended. If not, text the device the "End Trip" command "pla". Charging the device is always good. Use the command "rst" to reset the device. If the yellow light remains solid yellow, take top cover off the device and unplug the battery, wait 2 minutes and plug in again.

Contact us if there is no response: info@boomerangbike.com

ANTI-THEFT • GPS • MOTION DETECTION

BOOMERANG CYCLOTRAC

Set up a Geo-Fence to receive text messages when bike crosses the perimeter in the app.

A CycloTrac helps deter theft by being visible and reliable with the addition of a good lock. Heavy-duty U-locks and jacketed hardened chain locks are ideal.

USB Charging Port

Charging LED
Red indicates charging. Green is fully charged.

Reset Button

GPS
Blinks when the unit is awake and GPS is active.

Lock
When the alarm is set (on) this light will blink

Battery
Blinking when the battery level is low

Logging & Mapping
Blinks when the CycloTrac is logging and mapping a ride.

Alarm Button