



# bikefinder

## User Manual



## About

This manual describes the proper use of the BikeFinder tracker and all accessories. Make sure to read this before installation and activation of the tracker. Ensure that all warnings are read and understood before use.

## Technical specifications

**Product Name:** bikefinder

**Model:** BFG1T

**Network frequency:** 850/900/1800/1900 Mhz, 2.4Ghz

**Satellite system:** GPS and GLONASS

**Battery Rechargeable:** 960 mAh Li-Ion battery

**Hardware version:** 1.4.2

**Firmware version:** 3.1/V3.1.9

**Maximum Radiation Power:** BT 0.68dBm

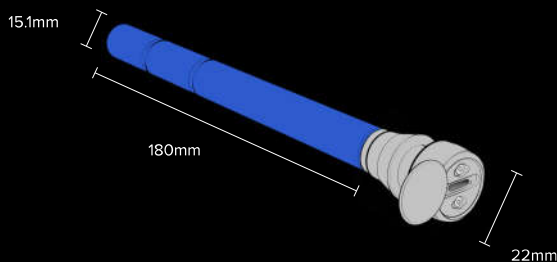
GPRS900 29.18dBm

GPRS1800 28.43dBm

## Compatibility

**Handlebar inner diameter:**

- 15.1-19.9mm (mount tracker **without adapter**)
- 20.0-27.0mm (mount tracker **with adapter**)



Requires BikeFinder subscription to function

## Contact

Contact support through the app, or via [support@bikefinder.com](mailto:support@bikefinder.com)

## Limitations and warranty

### General Safety precautions

- Do not bend tracker more than 45 degrees
- Do not insert tools or pointy objects, other than those included, into USB socket or other openings in the tracker
- Do not open or tamper with any internal components
- Do not expose the tracker to water submersion or high-pressure water jets
- Do not drop tracker onto hard surfaces or expose it to high-energy impacts
- Do not charge the tracker outside of the allowed charging temperature (below 0°C or higher than 45°C)
- Keep tracker and accessories away from high pressure places, potentially explosive atmospheres and extreme temperature conditions (below -20°C or higher than 45°C)
- Keep away from medical electronic equipment

For full terms and conditions:

[www.bikefinder.com/terms](http://www.bikefinder.com/terms)

BikeFinder privacy policy:

[www.bikefinder.com/privacy](http://www.bikefinder.com/privacy)

More information and video instructions:

[www.bikefinder.com/manual](http://www.bikefinder.com/manual)

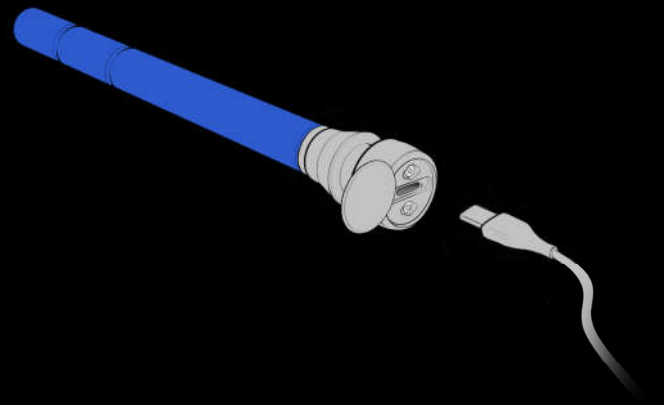
Getting started information:

<https://bikefinder.freshdesk.com>

## Installation Steps

### 1 Charge the tracker

Remove USB cover and connect with USB cable. Connect USB cable to a power source with 5V and 0.5-2A output. The tracker will need 2-15 minutes before it is ready to connect to the BikeFinder app, depending on your power source and your tracker's battery level.



### 2 Buy a subscription

Go to [www.bikefinder.com](http://www.bikefinder.com) to buy your subscription.

BikeFinder has different subscription offerings in different countries. Some include insurance in addition to tracking. If purchasing an insurance subscription, please note that the insurance policy depends on your country of residence.

**Note:** Make sure you buy a subscription with the same email address you used to login to the BikeFinder app. See step 3.

### 3 Download the app

You can download the BikeFinder app from App Store and Google Play.

After downloading the app, you must login with the same e-mail used when purchasing the subscription. The app will guide you through the necessary steps for activation of the tracker.



## 4 Activation of the tracker

To activate your BikeFinder tracker, you must do the following steps:

1. Make sure Bluetooth is activated on your phone
2. Open the app
3. Click the + sign in the top right corner of the app
4. Select your tracker from the list of trackers nearby
5. After the trackers is added, the app will automatically connect it to your purchased subscription.

When your tracker is successfully connected to a subscription, the credit card sign will turn green in your BikeFinder App.



— Inactive subscription

— Active subscription

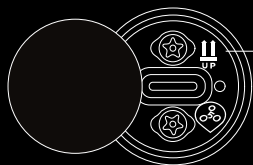
**Tip:** If your tracker has an inactive subscription, check **Buy a subscription** step.



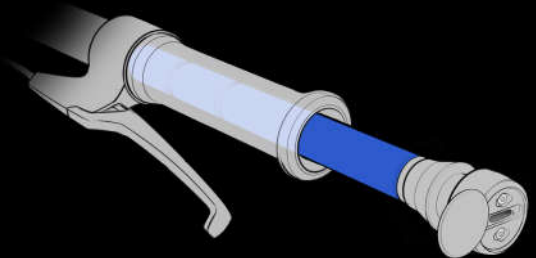
## 5 Install the tracker

Insert tracker into handlebar, if handlebar diameter is bigger than 20mm then see page 11 for fitting adapter and spacer.

Mount the device and make sure that the direction arrows are pointing upwards to ensure correct installation.



Direction arrows

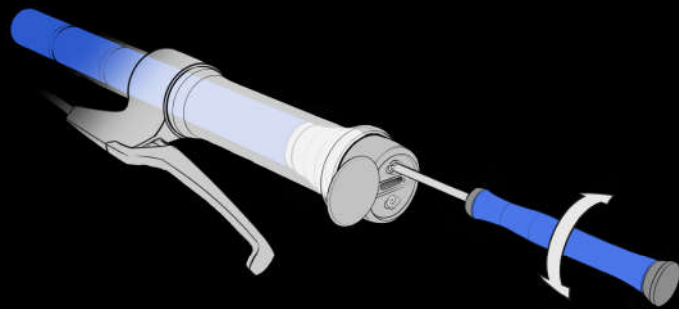


## 6 Lock the tracker in place

Fasten the screws using the tool. Tighten the two screws evenly until tracker is locked in place.

**Note:** The expansion mechanism can damage the interior of the handlebar.

**Tip:** Insept the fastening peroidically, and keep the tightning torque between 0.4-0.5 N·m to achieve optimal fastening result.



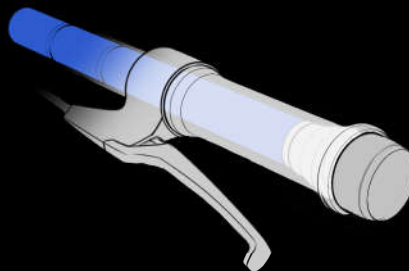
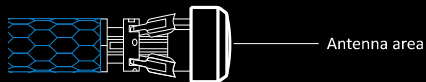
## 7 Plug in USB cover

Plug in USB cover during normal use.  
Your tracker is now installed and ready to use.

For troubleshooting and more information, go to [www.bikefinder.com/manual](http://www.bikefinder.com/manual)

### Warning!

Do not cover this area with metal. Signal strength will be affected.



### FCC WARNING STATEMENT

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

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. 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 this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct 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 help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The device is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA). These requirements set a SAR limit of 4 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the Limbs is 2.612 W/kg.

### CE WARNING STATEMENT

The device is designed to meet the requirements for exposure to radio waves established by the European Union. These requirements set a SAR limit of 4.0 W/kg averaged over ten gram of tissue when use in Limbs. This product was tested and recorded the maximum reported SAR value was 2.434W/kg for Limbs.

#### Use Member States

The radio equipment can be used in at least one of the member state. Hereby, Bikefinder AS declares that the radio equipment is in compliance with Directive 2014/53/EU. Please contact Support@bikefinder.com to receive full text of the EU declaration of conformity.

### 20mm+ handlebar adapter set

Use the adapter set on handlebars with inner diameter larger than 20mm.

Expansion mechanism adapter



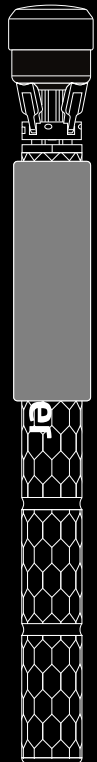
Silicone spacer

#### Expansion mechanism adapter installation:

1. Remove the two expansion bolts using the screwdriver tool provided in the box
2. Mount the two expansion adapters and reinstall the expansion bolts

#### Silicone spacer installation:

1. Slide the silicone spacer into the device until the spacer is located as shown to the right



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### **Box Content**

Tracker

Tool

USB cable

Adapter set

User manual

### **Manufacturer**

**BIKEFINDER AS**

Veritasveien 25, 4007 Stavanger  
Postbox 4004, 4092 Stavanger  
NORWAY



RoHS



GPS  
GLONASS  
GSM  
960 mAh



Model: BFG1T  
FCC ID: 2ATRU-BFG1S

[www.bikefinder.com/manual](http://www.bikefinder.com/manual)