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freelap FXCHIP BLE Velodrome Bluetooth Transponder Automatic Timing System

freelap FXCHIP BLE Velodrome Bluetooth Transponder Automatic Timing System User Guide

Contents

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Specifications

- FXCHIP BLE for bike timing measurement
- Transmitters emitting coded electromagnetic fields
- MyFreelap app for data transmission and storage
- LED Display (optional)

FAQ

Q: How many transmitters can be used on the trajectory?

A: A maximum of 11 transmitters can be used along the course.

Q: What is the recommended distance for placing the mobile device after the FINISH transmitter?

A: For optimal reception, place the mobile device between 10m to 50m after the FINISH transmitter at a height of approximately 1m from the ground.

HOW DOES IT WORK

Freelap® timing system is based on the emission and detection of electromagnetic fields and consists mainly of three elements:

- **CHIP**

  Attached to the bike, it measures time intervals between each transmitter.

 TRANSMITTERS

Placed along the course, they are coded (START, LAP or FINISH) and emit electromagnetic fields.

 MYFREELAP APP

Upon crossing the FINISH transmitter, the timing data is instantly transmitted via Bluetooth and saved on your mobile device via the MyFreelap app. Data can also be checked and exported on a computer via your myfreelap.com account.

ATTACH YOUR FXCHIP BLE

- Attach the chip to the fork of the bike, positoned horizontally and facing toward the side.
- The FxChip BLE automatically activates when moved, and stops after 10 minutes of inactivity.

TURN ON & PLACE YOUR TRANSMITTERS

Transmitters must be a minimum of 0.7 seconds apart. Maximum 11 transmitters on your trajectory.

Tx Full Track

- Place the antenna cable on the track using a special velodrome tape. The antenna must be placed perpendicular to the track forming a 60cm wide loop, covering the entire width (or the half) of the track. Connect each end of the antenna cable to the plugs and connect it to the connectors of the case.
- Turn on the transmitter: press the Power button for 1 second.
- Make short presses on the Power button to select the desired code: START / LAP (intermediate) / FINISH. Each press of the button switches it to the next code.
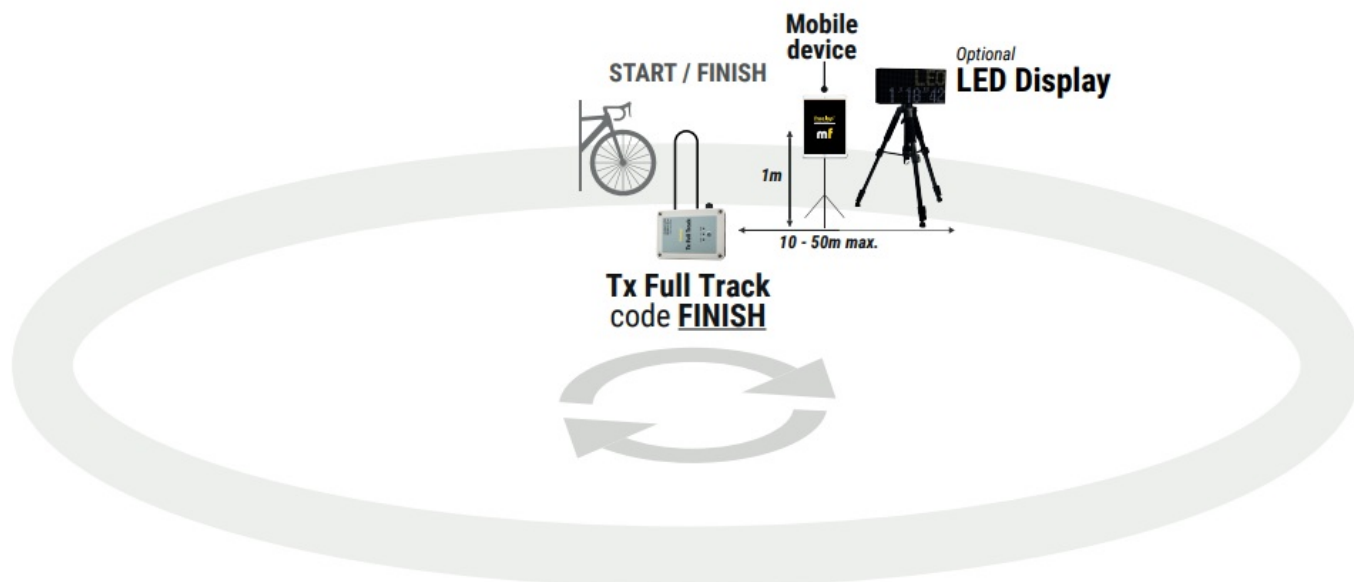
PLACE YOUR LED DISPLAY

(optional)

- Insert the tripod into the screen's preformed slot. Place it on the ground, after the FINISH transmitter at a distance of 50 meters maximum.
- Turn on the screen: press the ON/OFF button.
- Your FxChip BLE automatically transmits the data.
- No manipulation is required.
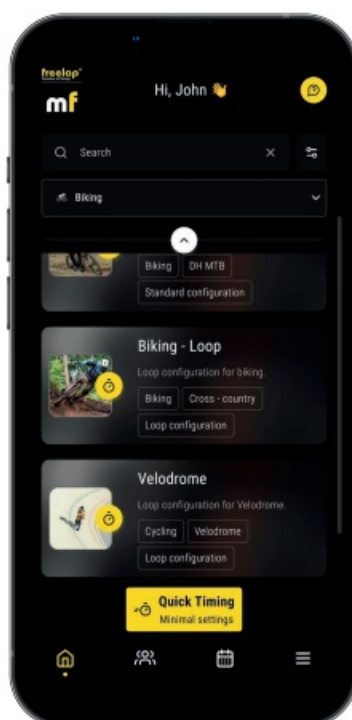

EXAMPLE OF USE

LOOP CONFIGURATION

- Take the start at least 5m minimum before the START transmitter, and make as many lap as you want.
- For an optimal reception of the data, place your mobile device from 10m to 50m maximum after the FINISH transmitter, at a height of approx. 1m from the ground.
- If you use a Relay Coach BLE, place it at 10m after the FINISH transmitter, and at a height of approx. 1m from the ground.

CREATE YOUR WORKOUT USING MYFREELAP

- Download MyFreelap app on your mobile device and create your MyFreelap account.
- From the Dashboard:
    - Select a preset Exercise, read the tutorial, and set up your Workout according to your needs.
    - OR click on the "Quick Timing" button to start quickly with minimal features.
- Press "Start". You are ready to receive timing data!

FIND MYFREELAP APP COMPLETE DOCUMENTATION ON OUR WEBSITE

www.freelap.com/support/myfreelap-app
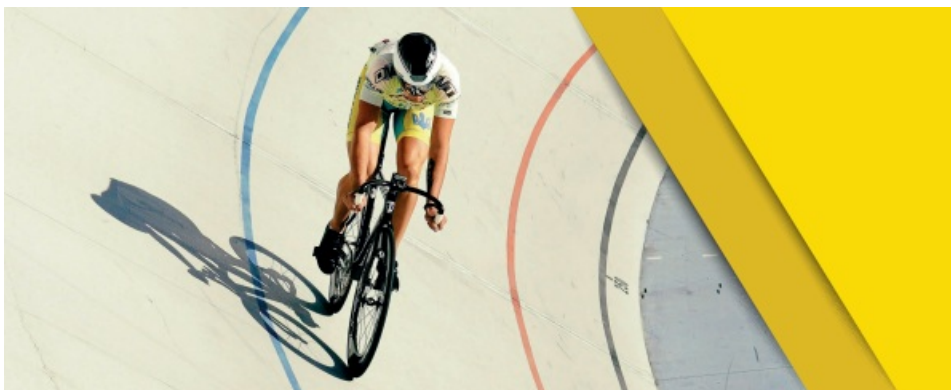

INFORMATION

- Batteries: FxChip BLE= CR 2032 – 2000h; Tx Full Track= 3.7V 15Ah LiPo rechargeable battery – 9 months always ON; LED Display= 12V 8Ah LiPo rechargeable battery.
- Warranty: Freelap® warrants its products to be free from defects in materials or workmanship for a period of two years after original purchase.
- After-sales service and contact: If you have any questions or if you need assistance with your Freelap® devices, please contact your dealer. **www.freelap.com/freelap-contact**
- Compliances: Freelap® wireless electronic components are in compliance with the requirements of Directive 2014/53/EU: www.freelap.com/compliance
- Safety and discharge of responsibility: To safely install and use your product, read the product user manual online at: www.freelap.com/support. Full text of Safety and discharge of responsibility: www.freelap.com/safety

FIND ALL THE INFORMATION ABOUT YOUR FREELAP PRODUCTS AND OUR DOCUMENTATION ON OUR WEBSITE: **WWW.FREELAP.COM**

Revolutionize your training with Freelap!
Get accurate data on your performance and reveal your true progress. Let's get started !

Documents / Resources

	freelap FXCHIP BLE Velodrome Bluetooth Transponder Automatic Timing System [pdf] User Guide FXCHIP BLE, FXCHIP BLE Velodrome Bluetooth Transponder Automatic Timing System, Velodrome Bluetooth Transponder Automatic Timing System, Bluetooth Transponder Automatic Timing System, Transponder Automatic Timing System, Automatic Timing System, Timing System, System

References

- **MyFreelap Legacy**
- **Freelap - Electronic sports timing system for speed development**
- **Freelap Contact - Electronic timing for speed development**
- **safety - Freelap**
- **Learning center - Freelap timing system**
- **MyFreelap Documentation - User guide of your timing mobile app**
- **User Manual**