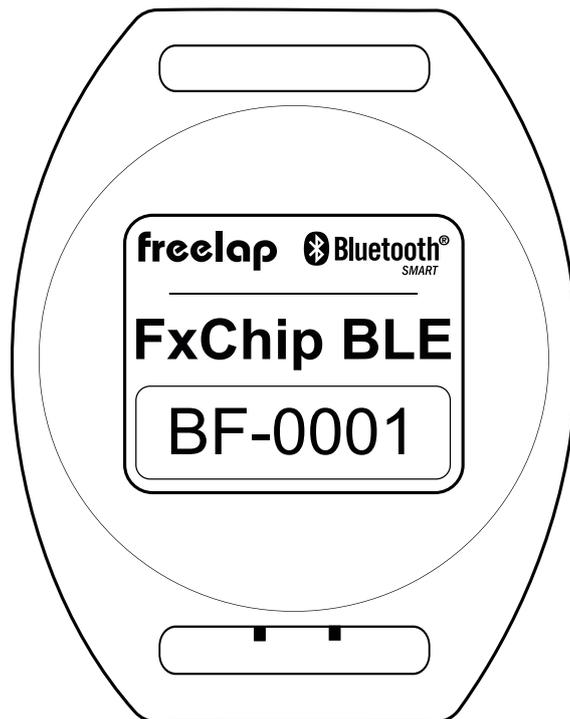**freelap**®
freedom of timing
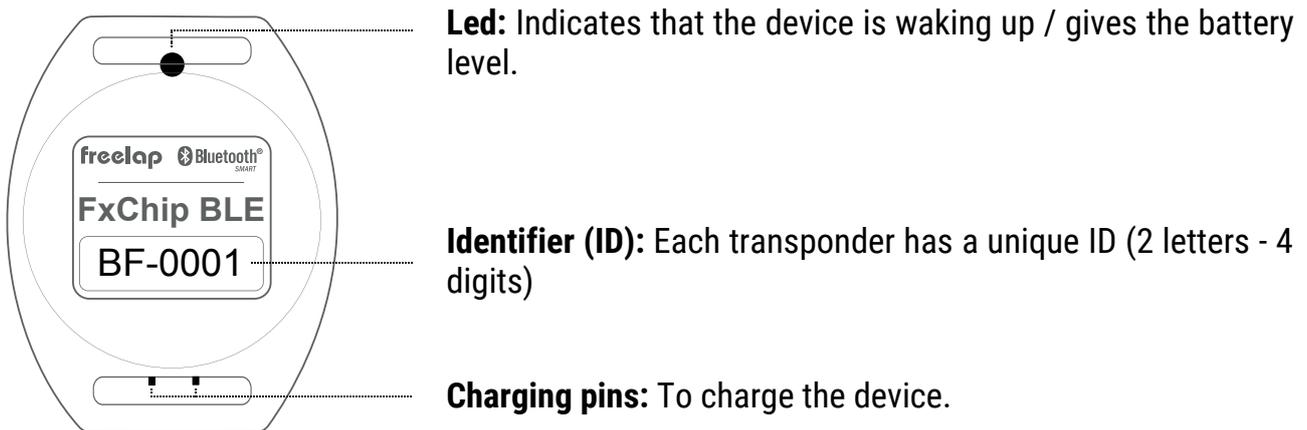
FxChip BLE

About the FxChip BLE

The FxChip BLE is the Freelap transponder with Bluetooth Smart technology. Worn by the athlete, it accurately measures time intervals between each transmitters crossed, and automatically sends all timing data instantly upon arrival (crossing the finish transmitter) via Bluetooth to your mobile device and LED screen.
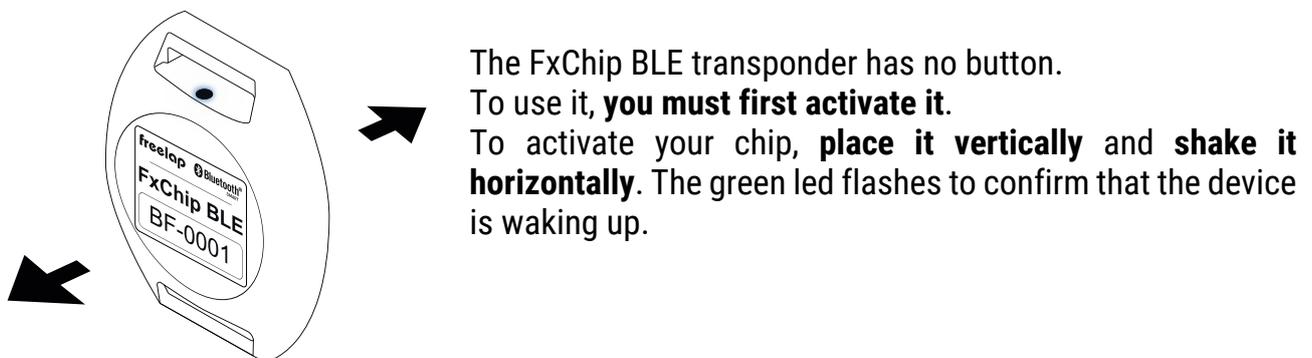
Use of the FxChip BLE

1. Prerequisites

FxChip BLE transponder is a part of the Freelap timing system. To get your timing data, you must **turn on and place the transmitters on the track, and use the MyFreelap app** (cf corresponding user manuals).

2. Get to know your device

Led: Indicates that the device is waking up / gives the battery level.

Identifier (ID): Each transponder has a unique ID (2 letters - 4 digits)

Charging pins: To charge the device.

3. Activate the FxChip BLE

The FxChip BLE transponder has no button.
To use it, **you must first activate it**.
To activate your chip, **place it vertically** and **shake it horizontally**. The green led flashes to confirm that the device is waking up.

The chip **automatically turns off after 30 minutes without crossing a Freelap transmitter**.

4. Attach the FxChip BLE

The attachement of the FxChip BLE depends on your sport.

For Running, and Agility training:

Clip the chip to the athlete's short or to the FxBelt, **centered in the alignment of the navel** and positioned vertically.
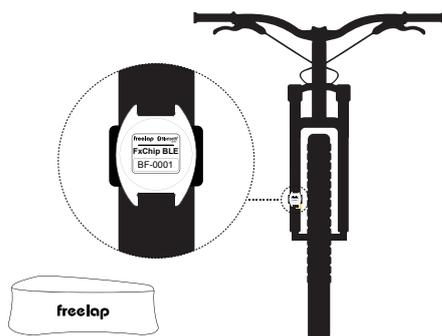
For Biking:

Attach the FxChip BLE to the **fork of the bike** using the velcro tape. The velcro tape and the chip orientation depends on which transmitters are used.
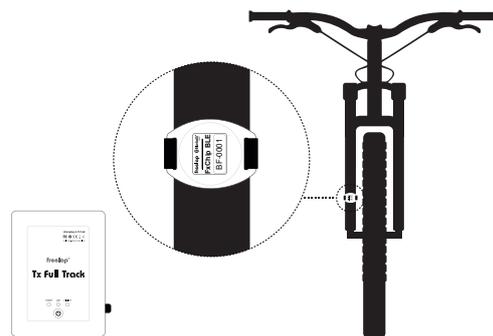
With **Tx Track Pro** transmitters:
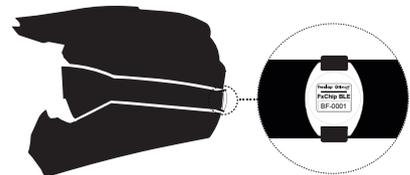It must be attached using the FxMTB, positioned **vertically** and facing forward.

With **Tx Full Track** transmitters:
It must be attached using the FxBike, positioned **horizontally** and facing forward.
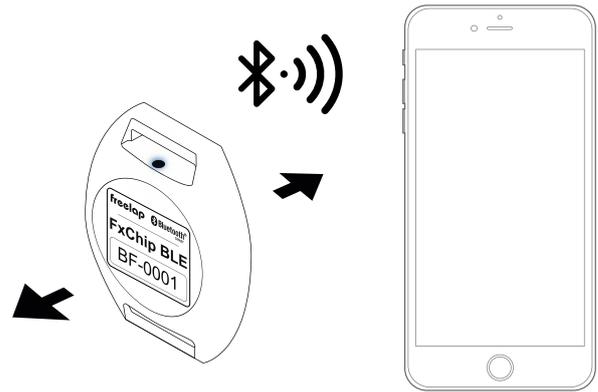

For Motocross:

Attach the FxChip BLE to the rider's mask using the FxMX. It must imperatively be **centered on the back of the helmet, positioned vertically and facing outward**.

⚠ Attaching the transponder to any other location or position may result in inaccuracies or non-detection.

5. Bluetooth detection

To detect your chip using Bluetooth in MyFreelap app, **shake your chip** to put it into discoverable mode. When you shake your FxChip BLE, its led flashes and the device is discoverable during 10 seconds.

6. Memory

• Your FxChip BLE has a memory of maximum 10 intermediate times. This means that **your track must contain a maximum of 11 transmitters**.
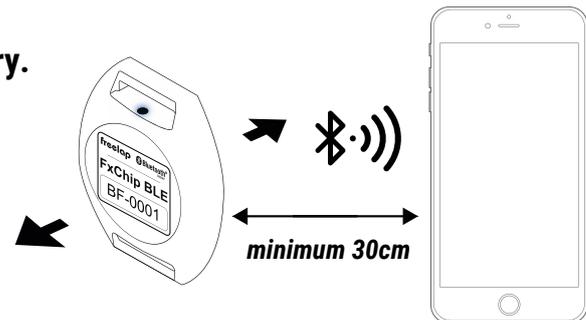
DOWNLOAD THE LATEST TIME

• **Your latest time is stored into your chip's memory.**
To get it on your MyFreelap app:
- Start a Workout on MyFreelap app
- Put your chip next to your mobile device
- Shake your chip *
You time is downloaded into the data table.

minimum 30cm

⚠ Do not put the chip too close to the phone. **Leave at least a distance of 30cm to avoid interferences.**

* If the chip is attached and you can't shake it: **You can tap on it instead**. Do several taps, hard and fairly quickly. The led confirms that the chip is sending the data.
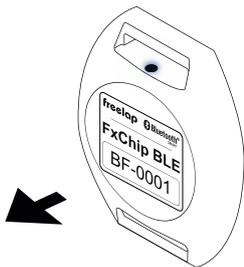
Notes:

• No duplication. If the time is already in your data table, it won't be downloaded again.

• The latest time remains into the FxChip BLE memory, until the device turns off, or until a new time replaces it.

• **When the FxChip BLE turns off** (after 30 minutes without crossing a Freelap transmitter), then **the last time stored into the memory is lost**.

• **When you charge your FxChip BLE, then the last time stored into the memory is lost.**

Further information

About the battery

Your FxChip BLE runs on a **LiPo 3,7V 80mA rechargeable battery**, with a battery life of 100 hours of use.

1. Battery level

To get the battery level, place your chip **vertically** and **shake it horizontally**.

The led on the top of the device indicates the battery level:
• **Green:** > 80% battery left
• **Yellow:** from 80% to 30% battery left
• **Red:** < 30% to 10% battery left

 • When the battery is < 10%, **it can't be activated and doesn't show any led.**
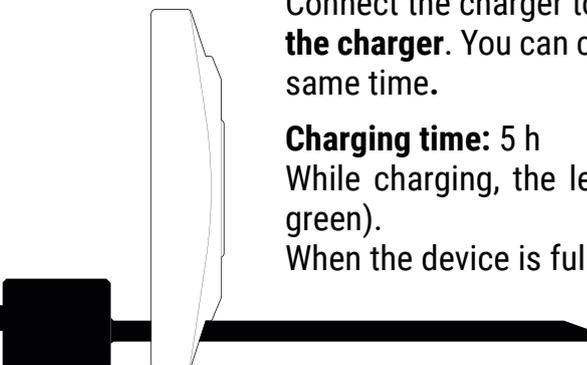
2. Charge the FxChip BLE

Connect the charger to the USB C cable provided. Then, **slide the chip onto the charger**. You can charge up to 6 chips (or up to 4 chips with clips) at the same time**.**

Charging time: 5 h
While charging, the led gradually indicates the battery level (from red to green).
When the device is fully charged, the led turns off.

After removing it from the charger, **the chip needs 10s before you can activate it**.

Confirmation of transmitter detection

The led of the FxChip BLE flashes when it detects a transmitter.
• **Green**: START transmitter detected
• **Blue:** LAP transmitter detected
• **Red**: FINISH transmitter detected

Technical sheet

• Weight: 17 g
• Dimensions: 52 x 39 x 16 mm
• Technology: Bluetooth smart
• Compatibility: e-Starter, Tx Touch Pro, Tx Pad Pro, Tx Pro Team, Tx Junior Pro, Tx Track Pro, PowerUnit, Tx Gate Pro, Tx Full Track, LED Display.
• Accuracy: 1/100 of a second
• Memory: 10 intermediate LAP times
• Minimum time between 2 transmitters: 0,7 second
• Battery: LiPo 3,7V 80mA
• Battery life: 100h on use / 3 weeks on standby in motion / 10 months on standby not in motion
• Charging time: 5h
• Automatic shutdown: after 30 minutes without detecting a Freelap transmitter
• Water resistance: IP67
• Operating temperatures: -20°C to +50°C

Technical support

Find our FAQ (Frequently Asked Questions), as well as other manuals and user guides, on our website at: **www.freelap.com/support**
If you cannot find the answers to your questions, please contact your Freelap dealer. Find the list of Freelap dealers at: **www.freelap.com/freelap-contact**

After-sales service & warranty

The FxChip BLE is guaranteed 2 years. If you have any questions or if you need assistance with your device, please contact your Freelap dealer.