Further information

Battery and battery life

The Tx Full Track has a **3.7V 15Ah LiPo rechargeable battery.**

• **Low battery indicator:**
- Green: from 100% to 50% of battery life left
- Orange: from 50% to 25% of battery life left
- Red: less than 25% of battery life left

• **Recharging the battery:**
- Connect the power cable (included) to the CHG connector on the side of the Tx Full Track case.
- It is recommended to make complete charges (charging time: 48h).
- When the battery is fully charged, the device has a battery life of 9 months when it always remains on.

Technical sheet

• Weight: 453 g
• Dimensions: 10 x 13,5 x 5,5 cm
• Compatibility: FxChip / FxChip BLE
• Transmitter with 3 codes: START / LAP / FINISH
• Detection zone according to the width of the loop formed by the antenna cable:
- Width 40cm: Height of the transponder: 35cm min - 100cm max; Max speed 55km/h
- Width 60cm: Height of the transponder: 45cm min - 100cm max; Max speed 80km/h
• Minimum time between 2 transmitters: 0,7s
• Accuracy: 2/100 of a second
• Battery: 3.7V 15Ah LiPo rechargeable battery
• Battery life: 9 months when it always remains on
• Water resistance: IP67
• Operating temperatures: -20°C à +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 Tx Full Track is guaranteed 2 years. If you have any questions or if you need assistance with your device, please contact your Freelap dealer.

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freelap®
freedom of timing

Tx Full Track

V050123

About the Tx Full Track

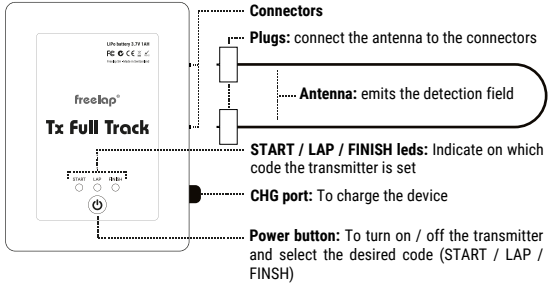
Tx Full Track is a versatile transmitter of Freelap timing system. Specially designed for permanent / semi-permanent equipment of tracks, it emits a magnetic field automatically detected by the transponders. A single Tx Full Track will be enough to cover your track, whatever its width.

Use of the Tx Full Track

1. Prerequisites

Tx Full Track transmitter is a part of the Freelap timing system. To get your timing data, you must **attach the transponder to the athlete and use the MyFreelap app** (cf corresponding user manuals).

2. Get to know the Tx Full Track



3. Place it on the track

• Place the antenna cable approx. **10cm under the ground**. The antenna must be placed **perpendicular** to the track **forming a loop covering the entire width of the track**.

- **BMX, roller skating, and ice skating**: form a loop 40cm wide.
- **Velodromes**: form a loop 60cm wide.

• Connect each end of the antenna cable to the plugs and connect it to the connectors of the Tx Full Track case.

⚠ Placing the transmitter at any other location or position may result in inaccuracies or non-detection.

4. Turn on and set the Tx Full Track

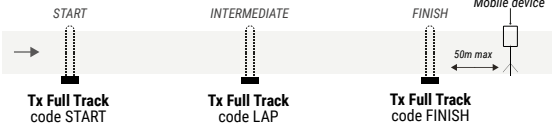
• To turn on the transmitter, **press the Power button for 1 second**.
The green led confirms that the transmitter is activated.

• Once the transmitter is on, make **short presses on the Power button to select the desired code** (START = start transmitter / LAP = intermediate transmitter / FINISH = finish transmitter). Each short press of the Power button switches you to the next code. The led of the selected code flashes.

5. Use several Tx Full Track

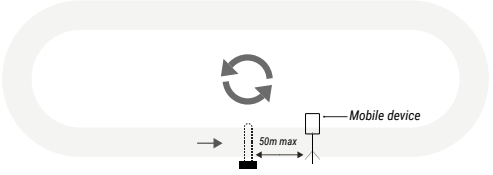
To make the Freelap system work, **you must have a transmitter set on the code FINISH on your track.**
The Tx Full Track is a versatile transmitter, so **you can use several Tx Full Track on your track** (set as START, LAP or FINISH transmitter).

Example: Standard run



⚠ **• The transmitters must be minimum 0.7 second appart.**
• Your track must contain a maximum of 11 transmitters.

Example: Loop configuration

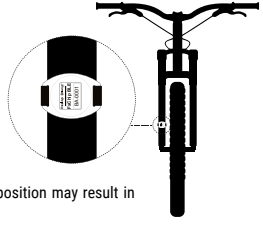


• To get your times in a loop system, 1 Tx Full Track Pro transmitter set on the code FINISH is enough.

> For an optimal accuracy, take the start at least 5m before the transmitter.

6. Attach your transponder

• When using the Tx Full Track transmitter, the **transponder must imperatively be placed horizontally and facing forward.**



⚠ Placing the transponder in any other position may result in inaccuracies or non-detection.