Further information

Battery and battery life

The Tx Touch Pro has a **3.7V 320mAH LiPo rechargeable battery**.

• **Low battery indicator:** When the battery becomes low, the "Start led" flashes red.

• **Recharging the battery:**
- Insert the magnetic USB cable provided into the magnetic USB port.
- It is recommended to make complete charges (charging time: 2h).
- When the battery is fully charged, the device has a battery life of 20'000 starts.

Technical sheet

• Weight: 50g
• Dimensions: Diameter: 82 mm, height: 10 mm
• Compatibility: FxChip / FxChip BLE
• Transmitter with 1 code: START
• Detection field: 1.5 meters (left and right side)
• Minimum distance between 2 transmitters: 10m with other transmitters
• Minimum time between 2 transmitters: 0,7s with other transmitters
• Accuracy: 1/100 of a second
• Battery: 3.7V 320mAH LiPo rechargeable battery
• Battery life: 20'000 starts
• 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 Tx Touch Pro 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

Tx Touch Pro

freelap®
freedom of timing
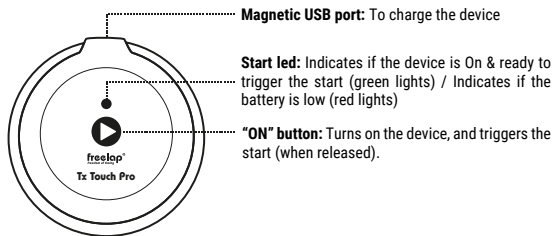Tx Touch Pro

About the Tx Touch Pro

Tx Touch Pro is the Freelap transmitter specially designed for block starts. Easy to use, it is placed on the start line. When the athlete releases the button, the chip timer is instantly triggered with a high accuracy.

Use of the Tx Touch Pro

1. Prerequisites

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

2. Get to know your device

Magnetic USB port: To charge the device

Start led: Indicates if the device is On & ready to trigger the start (green lights) / Indicates if the battery is low (red lights)

"ON" button: Turns on the device, and triggers the start (when released).

3. Place the Tx Touch Pro

• Place the Tx Touch Pro **on the ground, on the start line**.

4. Associate it with other Freelap transmitters

> Tx Touch Pro is a START transmitter. To make Freelap system work, you must have a transmitter set with the code FINISH on your track, so:
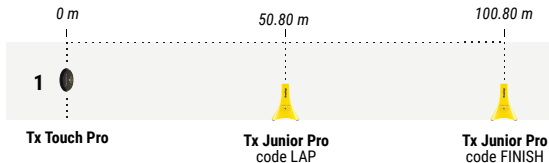
- **You must add one FINISH transmitter** (e.g: 1 Tx Junior Pro transmitter set with the code FINISH), **placed 80cm AFTER the desired distance.**

- **You can add more Freelap transmitters** (e.g: 1 Tx Junior Pro transmitter set with the code LAP to get intermediate LAP times), **placed 80cm AFTER the desired distance.**

> The **Tx Touch Pro must be at least 10m apart other transmitters**, with a minimum time of 0.7 second.
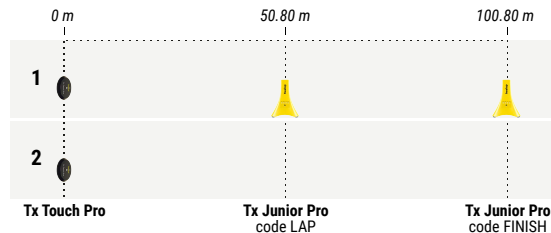
> Your track must contain a **maximum of 11 transmitters**.

Example n°1 : Timing 100m (2x50m) - 1 athlete

0 m	50.80 m	100.80 m

Tx Touch Pro   **Tx Junior Pro** code LAP   **Tx Junior Pro** code FINISH

5. Use Tx Touch Pro on adjacent lanes

Example 2 : Timing 100m (2x50m) - 2 athletes

0 m	50.80 m	100.80 m

Tx Touch Pro   **Tx Junior Pro** code LAP   **Tx Junior Pro** code FINISH

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

6. Trigger the start

• Put yourself in the starting position by **keeping your thumb pressed on the "ON" button.** The green LED lights up (2 seconds). Then it starts flashing to indicate that the device is ready to trigger the start and that the button can be released.

• **Release the button and start the race.** The Tx Touch Pro will emit a confirmation "beep" and instantly start the timer of your transponder.