

! \ Your FxChip and FxChip BLE transponders have a temporary memory of 10 Laps. It means that **your track must contain a maximum of 11 transmitters.**

3 FURTHER INFORMATION

» BATTERY AND BATTERY LIFE

Your Tx Junior Pro has **2 LR6 (AA) batteries (included), with a battery life of 300h.** It has an **automatic shutdown function after 12h**, in order to save the battery.

> **Low battery indicator:** When the battery becomes low, the "PWR" led of your Tx Junior Pro turns red.

> **To change the batteries:** Turn the cover on the back of the device to the right to unlock it, then remove it. Remove used batteries, and insert 2 new LR6 (AA) batteries. Put back the cover with the gasket, then turn it to the left to lock it.

» TECHNICAL SHEET

- **Weight:** 220 g with batteries
- **Dimensions:** 115 x 115 x 150 mm
- **Compatibility:** FxChip / FxChip BLE
- **Transmitter with 3 codes:** Start / Lap / Finish
- **Detection field:** 1.5 meters
- **Minimum distance between 2 transmitters:** 10 meters
- **Minimum time between 2 transmitters:** 0,7 second
- **Accuracy:** 2/100 of a second
- **Batteries:** 2 x LR6 (AA) + battery indicator, automatic shutdown after 12h
- **Battery life:** 300 hours
- **Water resistance:** 3ATM
- **Operating temperatures:** -20°C to +50°C

» TECHNICAL SUPPORT

Our FAQ (Frequently Asked Questions), as well as other manuals and user guides, can be found on our website at:
<http://www.freelap.ch/support/>



If you cannot find the answers to your questions, please contact your Freelap dealer. Find the list of Freelap dealers at:
<http://www.freelap.ch/freelap-contact/>

» AFTER-SALES SERVICE & WARRANTY

Your TX Junior 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[®]
freedom of timing

TX JUNIOR PRO

VERSATILE TRANSMITTER OF
FREELAP AUTOMATIC TIMING SYSTEM

INSTRUCTION FOR USE

Congratulations on the purchase of your Tx Junior Pro transmitter ! This device has been designed to be convenient and simple to use. In this guide you will find all the information about how it works.

1 OVERALL FUNCTIONING

» YOUR TX JUNIOR PRO

The Tx Junior Pro is the **versatile transmitter** of the Freelap system. It can be quickly set as **start, lap, or finish transmitter**. Thus, it lets you get both **your lap times and your split times**.

It emits a magnetic field automatically detected by your FxChip or FxChip BLE transponder during its passage.

2 USE OF YOUR TX JUNIOR PRO

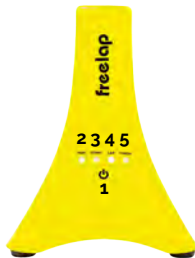
» PREREQUISITES

Your Tx Junior Pro transmitter is part of the Freelap system. In order to make it work, you must **attach transponder(s) to the athlete(s) and use the MyFreelap app** (consult the corresponding user manuals for more details).

» BUTTON AND LEDS OF YOUR TX JUNIOR PRO

> BUTTON :

1. ON/OFF BUTTON : To turn on / off the transmitter, and set the desired code (start / lap / finish).



> LEDS :

- 2. PWR:** indicates that the device is on, and turns red when the battery is low.
- 3. START:** Indicates that the transmitter is set as "Start" transmitter.
- 4. LAP:** Indicates that the transmitter is set as "Lap" transmitter.
- 5. FINISH:** Indicates that the transmitter is set as "Finish" transmitter.

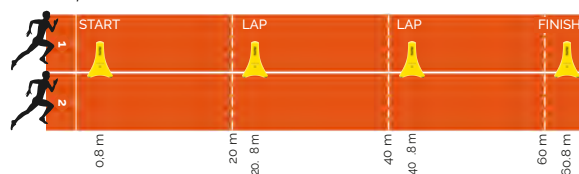
» TURN ON AND SET YOUR TX JUNIOR PRO

- To turn on the transmitter simply **press the central "ON" button** for 1 second.
- Once the transmitter is on, **press the central button again to select the desired code** (Start = for start transmitter/ Lap = for intermediate transmitter/ Finish = for finish transmitter). Each press of the central button switches you to the next code. The LED of the selected code flashes.

» PLACE YOUR TX JUNIOR PRO ON YOUR TRACK

- **Place the Tx Junior Pro on the ground.**
- The transmitter has a detection field of 1.5m, so it must be placed:
 - **at the edge of the track, less than 1.5m from the athlete's pass** (so that the transponder of the athlete crosses the detection field).
 - **80cm after the desired distance** (because the transponder will detect the magnetic field 80cm before the actual position of the transmitter).
- Tx Junior Pro transmitters must be **at least 10m apart** (between them, or with other transmitters).

Example :



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

» SIMULTANEOUSLY USE TX JUNIOR PRO ON ADJACENT LANES

The Tx Junior Pro **can cover 2 lanes**: 1 lane of 1.22m on each side of the transmitter. Athletes can run at the same time on 2 adjacent lanes.

To time more lanes, you can add transmitters.

!/ \ Do not superimpose magnetic fields:

If you want to time on 4 lanes, 2 transmitters are enough: 1 to cover the lane n°1 and n°2, and 1 other to cover the lanes n°3 and n°4.

» ASSOCIATE IT WITH OTHER TRANSMITTERS

To make Freelap system work, **you must have a transmitter set with the code "Finish" on your track.**

The Tx Junior Pro is a versatile transmitter, so **you can use several Tx Junior Pro** on your track (set as start, lap or finish transmitter). You can also **use it in combination with other Freelap transmitters** (e.g.: you can use the Tx Touch Pro transmitter as start transmitter).

Transmitters must be spaced **at least 10m apart, with a minimum space time of 0.7 second.**