

Further information

Battery and battery life

The TxJunior Pro has a **3.7V 2AH LiPo rechargeable battery**.

- **Low battery indicator:** When the battery becomes low, the led flashes red.
- **Recharging the battery:**
 - Insert the magnetic USB cable into the USB port located on the side of the transmitter.
 - It is recommended to make complete charges (charging time: 4h).
 - When the battery is fully charged, the device has a battery life of 150h.
 - Tx Junior Pro has an automatic shutdown function (after 12h), to save the battery.

Technical sheet

- Weight: 250 g (with charging cable)
- Dimensions: 115 x 115 x 150 mm
- Compatibility: FxChip / FxChip BLE
- Transmitter with 3 codes: START / LAP / FINISH
- Detection field: 1.5 meters
- Minimum time between 2 transmitters: 0,7 second
- Accuracy: 2/100 of a second
- Battery: 3.7V 2AH LiPo rechargeable battery, automatic shutdown after 12h
- Battery life: 150 hours
- 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

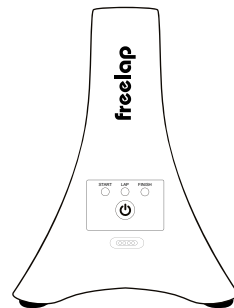
If you cannot find the answers to your questions, please contact your Freelap dealer. Find the list of Freelap dealers at: www.freelap.com/freelap-contact

After-sales service & warranty

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

freelap[®]
freedom of timing

Tx Junior Pro



FREELAP SA

Av. D.-Jeanrichard 2A CH-2114 Fleurier – Switzerland
+41 32 861 52 42 - www.freelap.com



@freelap

About the Tx Junior Pro

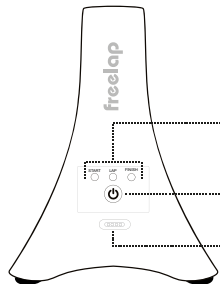
Tx Junior Pro is the versatile transmitter of Freelap timing system. It can be quickly set as START, LAP, or FINISH transmitter. It emits a magnetic field automatically detected by the transponder during its passage.

Use of the Tx Junior Pro

1. Prerequisites

Tx Junior Pro 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 Junior Pro



START / LAP / FINISH leds: Indicates on which code the transmitter is set

Power button: To turn on/off the transmitter & to select the desired code

Magnetic USB Port : To charge the device

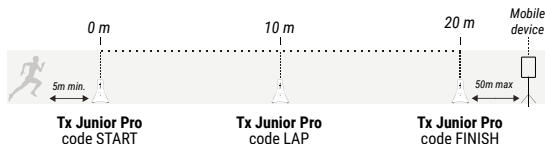
3. Turn on and set the Tx Junior Pro

- To activate the transmitter, **press the Power button for 2 seconds**. The green LED confirms that the transmitter is activated.
- Once the transmitter is activated, **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.

4. Place the Tx Junior Pro on the track

- **Place the Tx Junior Pro on the ground** (do not raise it).
- 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).
- Tx Junior Pro transmitters must be **at least 0,7s apart (approx. 10m)** (between them, or with other transmitters).
- In case of flying start and for an optimal accuracy, you should **start to run 5m before the start transmitter**.

Example: Timing 20m (2x10m) - flying start



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

5. 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. 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.

6. Associate it with other Freelap transmitters

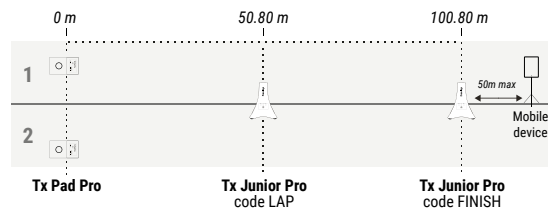
To make Freelap timing system work, **you must have a transmitter set with the code FINISH on your track**.

Tx Junior Pro is a versatile transmitter. So, **you can use several Tx Junior Pro transmitters on your track** (set as START, LAP or FINISH transmitter).

You can also **use it in combination with other Freelap transmitters**.

Example: In case of start block, you can use a Tx Pad Pro or a Tx Touch Pro or a e-Starter as START transmitter. In this case, **place the Tx Junior Pro 80cm AFTER the desired distance**.

Example n°2 : Timing 100m (2x50m) - 2 athletes - start block



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