

Further information

Battery and battery life

The Tx Gate Pro has **2 LR6 (AA) batteries** (supplied), with a **battery life of 15'000 starts**.

- **Low battery indicator:** When the battery becomes low, the PWR led of the Tx Gate Pro turns red.
- **To change the batteries:** Unscrew the 4 screws on the back of the device using a screwdriver. Remove the cover and the gasket. Remove used batteries, and insert 2 new LR6 (AA) batteries. Put back the gasket, cover, and screw back the 4 screws.

Technical sheet

- Weight: 320 g
- Dimensions: 60 x 70 x 125 mm - Stick lenght: 410 mm
- Compatibility: FxChip / FxChip BLE
- Transmitter with 1 code: START
- Accuracy: 1/100 of a second
- Detection field: 1.5 meters
- Minimum time between 2 transmitters: 0.7 second
- Batteries: 2 x LR6 (AA)
- Life cycle: 15'000 starts
- Materials: Fiberglass stick
- 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 Gate 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 Gate Pro

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About the Tx Gate Pro

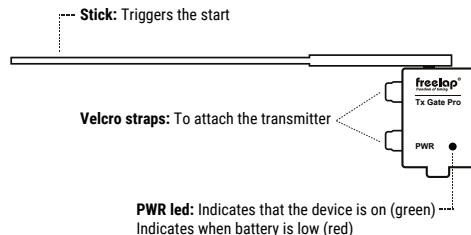
Tx Gate Pro transmitter is a start gate specially designed for ski starts. When the skier crosses the gate (at the moment when his shins move the gate's stick of 10° according to the FIS standard), Tx Gate Pro emits a signal that triggers the start of the FxChip's timer, automatically and instantly.

Use of the Tx Gate Pro

1. Prerequisites

Tx Gate Pro transmitter is a part of the Freelap timing system. To get your timing data, you must **attach the transponder to the skier's ski boot**, **turn on and place your other transmitters and your Relay Coach BLE**, and **use the MyFreelap app** (cf corresponding user manuals).

2. Get to know your device



3. Turn it on

The Tx Gate Pro does not have any buttons. **It turns on automatically**, in a fraction of a second, when the skier takes the start (when the stick is moved by the skier). It turns off automatically after each start.

4. Place it on the track

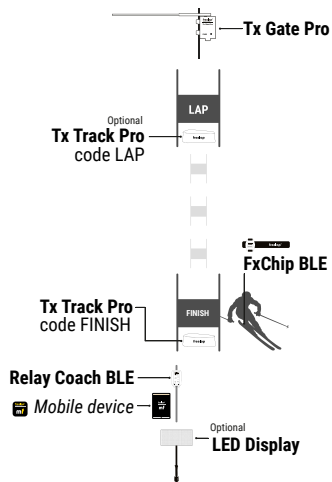
- Plant a wooden stake ideally 4x4cm (not supplied) at the start area.
- **Attach your Tx Gate Pro to the stake using the Velcro straps.** The stick should be **placed at shins height** (the snow-to-stick distance should be between 35 and 50 cm), **parallel to the ground**. The face of the **case of your transmitter must be turned towards the track**.



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

5. Associate it with other Freelap transmitters

- Tx Gate 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** (1 Tx Track Pro transmitter set with the code FINISH) on the finish line.
 - **You can add more Freelap transmitters** (e.g: 1 Tx Track Pro transmitter set with the code LAP to get intermediate times) **at the desired distance(s)**.
- The Tx Gate Pro must be **at a minimum time of 0.7 second from the next transmitter**.
- Your track must contain a **maximum of 11 transmitters**.



START

7. Trigger the start

- Put yourself in starting position, **both shins just in front of the stick**.
- **Start by crossing the gate** (pushing the stick with your shins). The Tx Gate Pro emits a signal that triggers instantly the start of the FxChip transponder. The PWR led and a sound confirm that the start has been triggered.
- The fiberglass stick automatically returns to its initial position after each start.