

» BATTERY AND BATTERY LIFE

Your FxChip runs on a **CR 2032 battery (provided) with a 2'000 hours battery life.**

> **Low battery:** When the device no longer flashes, it means that the battery needs to be changed.

> **To change the battery:** Unscrew the 4 screws on the back of the device using a screwdriver, then remove the cover and the gasket. Remove the old battery, and insert a new CR 2032 battery. Put back the gasket, the cover, and screw back the 4 screws.

» MEMORY

Your FxChip has a temporary **memory of 10 Laps**. This means that your track must contain **a maximum of 11 transmitters**.

Your timing data is not stored in your FxChip but in your Relay Coach BLE.

» TECHNICAL SHEET

- **Dimensions:** 36 x 48 x 14 mm
- **Weight:** 17g
- **Technology:** Radio transmission
- **Compatibility:** Relay Coach BLE, Tx Gate Pro, Tx Track Pro, CxUnit with CxFlag, LED Display
- **Minimum time between 2 transmitters :** 0.7 seconds
- **Accuracy:** 2/100 of a second
- **Memory:** 10 Laps
- **Battery:** CR 2032
- **Battery life:** 2'000 hours
- **Water resistance:** 5ATM
- **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 FxChip 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

FXCHIP

TRANSPONDER OF FREELAP
AUTOMATIC TIMING SYSTEM

INSTRUCTION FOR USE

Congratulations on the purchase of your Freelap FxChip transponder! 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

» FREELAP SYSTEM

Freelap is an innovative **automatic timing system made for training**. Freelap technology is based on the emission and detection of electromagnetic fields. The electronic timing system consists mainly of 3 elements:

- **Transmitters:** Freelap transmitters are placed along the track. They are coded (start, lap or finish) and emit electromagnetic fields.

- **Transponder :** worn by the athlete, the transponder detects the pulses of electromagnetic fields and measures time intervals between each transmitter.

- **Relay:** Placed just after the finish transmitter, the Relay Coach BLE instantly receives transponder timing data via radio transmission and automatically transmits it via Bluetooth to your mobile device.

Your Freelap products are used in combination with the **MyFreelap app** (available for free, download from App Store and Google Play Store). This app allows you to view your results live and store your data. Data can also be checked on a computer via your myfreelap.com account.

» YOUR FXCHIP

The FxChip is the **standard Freelap transponder**. Once attached to the athlete, **it automatically detects the transmitters and records data timing**. Data timing is transmitted to your Relay Coach BLE when the athlete passes the "finish" transmitter. Then, your **Relay Coach BLE automatically transmits the data via Bluetooth on your mobile device**.

2 USE OF YOUR FXCHIP

» PREREQUISITES

Your transponder is a part of the Freelap system. In order to make it work you must **place the Freelap transmitters and your Relay Coach BLE on your track and use the MyFreelap app** (consult the corresponding user manuals for more details).

An internet connection is not necessary because the Freelap system also works offline. However, you must **activate the Bluetooth function** on your mobile device.

Compatible mobile devices:

- iOS: iPhone 5 and higher, with iOS 11 or higher.
- Android: with Bluetooth 4.0 and Android 5.0 or higher.

» TURN ON / OFF YOUR FXCHIP

The Bluetooth transponder does not have any buttons: **it automatically turns on when moved and turns off after 10 minutes of inactivity**.

» ATTACH THE FXCHIP TO THE ATHLETE

For skiing, your FxChip must be attached to the skier as follows:

The FxChip must be attached to the back of the skier's ski boot, placed vertically, facing outward.



!/\ Attaching the transponder to any other location or position may result in inaccuracies or non-detection.

The FxChip is an autonomous and smart device that does not require any manipulation, except its good fixation and orientation on the skier.

3 FURTHER INFORMATION

» THE IDENTIFIER OF YOUR FXCHIP (ID)

Each transponder has a **unique ID**, which makes it possible to **time several athletes simultaneously**. The ID (**2 letters - 4 digits**) is written on the front of your device.

