

> Recharging the battery:

- Insert the USB cable into the USB port under your Relay Coach BLE case, on the right. Then connect it to the power cable (supplied with adapter).
 - It is recommended to make complete charges (charging time: 10h).
 - When the battery is fully charged, the device has a **battery life of 80h**. The "PWR / CHR" led flashes green to indicate that the battery is full.
- By default, your Relay Coach BLE **automatically turns off after 1 hour of inactivity**, in order to save the battery. Thanks to the Freelap Device Manager software you can choose to change this delay to 5h, 10h, 18h or 24h of inactivity, or to completely disable the automatic shutdown function.

» UPDATE AND SETTINGS

- **To update your Freelap device: go to Freelap Device Manager app from your mobile device** (free download / see the corresponding user manual) / OR use the **Freelap Device Manager software from your computer** and connect it to your Freelap device via USB.
- Freelap Device Manager also allows you to **view information about your device and change its settings**.

» TECHNICAL SHEET

- **Dimensions:** 155 x 95 x 35 mm
- **Weight:** 270g
- **Compatibility:** FxChip, LED Display
- **Technology:** Bluetooth (BLE)
- **Bluetooth detection distance:** up to 50 meters (depends on the mobile device)
- **Memory:** 6000 Laps
- **Battery:** 3.7V 5Ah LiPo / Automatic switch off fonction when not in use + Low battery indicator / Easily recharge it using a USB cable (charging time 10 hours)
- **Battery life:** 80 hours
- **Water resistance:** 3ATM
- **Operating temperatures:** -20°C to +50°C

» MEMORY

Your Relay Coach BLE has a **memory of 6'000 Laps**. If you have not used the MyFreelap app on site, you can download the data collected during the training later (so up to 6'000 Laps).

» 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 Relay Coach BLE 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

RELAY COACH BLE

THE BLUETOOTH RELAY COACH
OF FREELAP AUTOMATIC TIMING SYSTEM

INSTRUCTION FOR USE

Congratulations on the purchase of your Freelap Relay Coach BLE! 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 as they pass it and measures time intervals between each transmitter.
- **Relay:** Placed just after the finish transmitter, the Relay Coach BLE receives transponder timing data via radio transmission when the athlete passes the finish transmitter 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 RELAY COACH BLE

Your Relay Coach BLE is the device that make the link between your FxChip transponders and your mobile device. The Relay Coach BLE **receives the timing data collected by your transponders** when the athlete passes the finish transmitter and **sends it automatically via Bluetooth to your mobile device**.

2 USE OF YOUR RELAY COACH BLE

» PREREQUISITES

Your transponder is a part of the Freelap system. In order to make it work you must **place the Freelap transmitters on your track, attach the transponders to your athletes 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 (so that your transponders can send the timing data to your mobile device).

Compatible mobile devices:

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

» PLACE YOUR RELAY COACH BLE

- **Attach the Relay Coach BLE case to its tripod or to its clip for post** (at a height of 1 meter).
- **Place it after the finish transmitter, at a maximum distance of 10m.**

!/ \ **Positioning the device in any other location than specified above may result in a risk of non-detection.**



» RELAY COACH BLE LEDS, BUTTONS AND PORTS

• LEDS :

1. **DATA :** indicates the reception of data.
2. **STATUS:** indicates that the system is operational.
3. **PWR / CHR:**
 - flashes red: low battery



- flashes red / green: battery charging
- flashes green: battery full
- stable green: battery charged enough to work

• BUTTONS :

4. **POWER:** Press this button to turn it on or off.
5. **F1:** Button not used.
6. **WHITE POINT:** Reset button. Press this button for 2 seconds so that the system restarts if it is blocked.

• PORTS :

7. **EXT BAT:** To connect an external power source (e.g. : solar panels).
8. **USB:** To charge the device or to connect it to a computer (Windows or Mac) to the FDM (Freelap Device Manager) software.

» REQUIRED MANIPULATIONS

The Relay Coach BLE is an autonomous and smart device that requires no manipulation, except:

- **its good disposition on the track (see above instructions)**
- **turning it on using the Power button**

3 FURTHER INFORMATION

» BATTERY AND BATTERY LIFE

Your Relay Coach BLE has a **3.7V 5Ah LiPo rechargeable battery**.
> Low battery indicator: When the battery becomes low, the "PWR / CHR" led flashes red.