

3 FURTHER INFORMATION

» BATTERY AND BATTERY LIFE

Your LED Display has a **rechargeable 12V 8Ah LiPo battery**.

> **Low battery indicator:** When the battery is low the "ON/OFF" button, normally green, turns red.

> **Recharging the battery:**

- Connect the power cable (supplied, with 2 pins) to the charging port on the side of the device.
- It is recommended to make complete charges (**charging time: 8h**).
- When the battery is full, the device has a **battery life of 5 hours**.

» TECHNICAL SHEET:

- **Dimensions:** 320 x 160 x 95 mm
- **Weight:** 3,1 kg (+ tripod 600 g)
- **Display:** LED
- **Resolution:** 64 X 16 dots
- **Visible at:** 50 m
- **Compatibility:** Relay Coach BLE, FxChip BLE
- **Technology:** Bluetooth
- **Bluetooth detection distance:** up to 50 meters
- **Battery:** 12V 8Ah LiPo
- **Battery life:** 5 hours (charging time 8 hours)
- **Water resistance:** 3ATM
- **Operating temperatures:** -20°C to +50°C
- **Included:** tripod, charger and carrying case

» 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 LED Display 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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freedom of timing

LED DISPLAY

LED DISPLAY OF FREELAP
AUTOMATIC TIMING SYSTEM

INSTRUCTION FOR USE

Congratulations on the purchase of your Freelap LED Display! 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 LED DISPLAY

Your LED Display **displays the ID or name and the lap time of the athlete who crossed the finish transmitter.**

Visible at 50 meters, it **lets both coaches, athletes and the public view the results of the race in real time.**

The LED Display is compatible with the FxChip BLE transponder and the Relay Coach BLE. Times are automatically transmitted by your FxChip BLE transponder or your Relay Coach BLE and instantly displayed on the screen via Bluetooth.

The screen comes with tripod, charger and padded carrying case.

2 USE OF YOUR LED DISPLAY

» PREREQUISITES

Your LED Display is part of the Freelap system. In order to make it work you must :

- Turn on and place the Freelap transmitters on your track
- Attach the transponders to the athletes

(consult the corresponding user manuals for more details).

» BUTTON AND PORTS OF YOUR LED DISPLAY

1. ON/OFF Button : to turn on/off the device / button turns red to indicate when the battery is low.

2. CHG Port : to charge the device.

3. USB Port : allows connection to a computer for firmware update or configuration with FDM software (Freelap Device Manager).



» PLACE YOUR LED DISPLAY

- Screw the screen onto its tripod (supplied).
- Place your LED Display on the ground, after the finish transmitter at a distance of 50 meters maximum.

!/\ Placing the device at any other location may result in non-detection.

» TURN ON YOUR DEVICE AND DISPLAY DATA

- Press the "ON/OFF" button to turn on the screen.
- Your LED Display uses broadcast communication. This means that your BLE devices automatically transmit the data. **No manipulation is required.**
- When an athlete crosses the detection field of a finish transmitter, **the corresponding athlete's ID and his time are displayed on the screen.** The data is displayed until the next athlete passes.
- After 5 minutes of inactivity, the Freelap logo is displayed.
- If you use multiple LED Displays, the data of all your Freelap BLE devices will be transmitted to all your LED Displays in the same way.
- If you want to associate a Freelap BLE device with a single LED Display, **make this setting (pairing) from your Freelap Device Manager application** (see the corresponding user manual).

» UPDATE AND SETTINGS

> UPDATES :

- To update your Freelap device:
 - Go to Freelap Device Manager app from your mobile device (free download).
 - OR use the Freelap Device Manager software from your computer and connect it to your Freelap device via USB.

> SETTINGS :

- Freelap Device Manager also allows you to **view information about your device and change the settings** (see corresponding user manual).