Further information

Battery and battery life

Your LED Display has a **rechargeable 12V 8Ah LiPo battery**.
Fully charged, it has a **battery life of 10 hours**.

• **Low battery indicator:**
Green: from 7h to 10h of battery life left
Orange: from 3h to 7h of battery life left
Red: less than 3h of battery life left
Bliking red: 0h of battery life left - can't be used anymore

• **Charging the battery:**
- Connect the power cable (supplied, with 2 pins) to the CHG connector on the back of the LED Display.
- It is recommended to make complete charges (charging time when the device is fully discharged: 5h).

Technical sheet

• Dimensions: 320 x 160 x 85 mm
• Weight: 2.1 kg
• Resolution: 64 X 32 dots
• Visible at: 30 m
• Compatibility: Relay Coach BLE, FxChip BLE
• Bluetooth detection distance: up to 50 meters
• Battery & battery life: 12V 8Ah LiPo / 10 hours
• Water resistance: IP65
• Operating temperatures: -20°C to +50°C
• Included: power cable

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 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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@freelap

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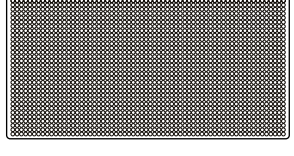
freedom of timing

LED Display



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About the LED Display

The LED Display is the LED screen of Freelap timing system.
It displays live the ID / initals of the athlete who crosses the finish line, and his LAP time.
Visible at 30 meters, it lets both coaches, athletes and the public view the results in real time.

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

Use of the LED Display

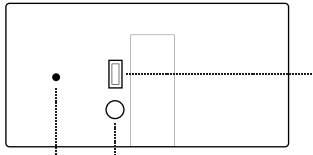
1. Prerequisites

The LED Display is part of the Freelap system. To make it work, you must:
- **Attach the transponder to the athlete**
- **Turn on and place the transmitters on your track**
- Turn on and place the Relay Coach BLE (if using a FxChip not BLE)

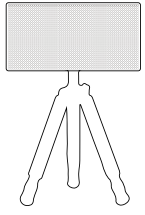
See corresponding user manuals for more details.

2. Get to know the LED Display

Back of the LED Display



3. Place the LED Display



- Assemble the screen with its support:
- For tripod: insert the tripod into the screen's preformed slot.
- For brush grip: Assemble the stick and the brush grip. Insert the stick into the screen's preformed slot.
- Place your LED Display **after the finish line, at a distance of 50 meters maximum from the finish transmitter**.

⚠ Placing the device at any other location may result in non-detection.

4. Turn on the LED Display & display data

- **Press the "ON/OFF" button to turn on the screen.**
- The LED Display uses broadcast communication. This means that your Freelap 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.

5. Settings & Update

- **Download Freelap Device Manager app to set up and update the LED Display.** Find the download links and the complete documentation on our website: **www.freelap.com/support/freelap-device-manager-user-guide**
- We recommend you to always **update your device** to the latest version.
- Freelap Device Manager lets you make **many settings** such as: Choose display mode (LAP or SPLIT), choose colors and display time, choose the brightness of the screen, etc...
- Freelap Device Manager also lets you associate a Freelap BLE device with a single LED Display **(Pairing)**. *By default, the data of all your Freelap BLE devices are transmitted to all your LED Displays.*