

RAVEMEN FR1100SE

RAVEMEN FR1100 SE Bicycle Front Light User Manual

Model: FR1100SE

1. PRODUCT OVERVIEW

The RAVEMEN FR1100 SE is a high-performance bicycle front light designed for both night riding and daytime visibility. It features a powerful 1100 lumen output, a wide 270-degree beam, and smart functionalities to enhance your cycling experience and safety.

Key features include:

- **High-Power Night Illumination:** Up to 1100 lumens with two high-intensity LEDs for clear road visibility.
- **Wide-Angle Daytime Visibility:** 500 lumen daytime flashing mode with an advanced wrap-around lens for increased side visibility.
- **Cycle Computer Compatibility:** Designed to integrate seamlessly with Garmin, Wahoo, and Bryton cycle computers using included adapters.
- **Extended Battery Life:** Up to 46 hours in slow flash mode, with support for charging while in use.
- **Intelligent Power Control:** Quick battery status check and automatic on/off function based on activity.
- **Durable Design:** Aluminum base for efficient heat dissipation and a quarter-turn mount for quick installation.

Massimo **1100** Lumen

Dotata di

2 LED ad alta intensità

Fascio luminoso

270° ampio



RAVEMEN FR1100 SE Bicycle Front Light mounted on a handlebar, showcasing its sleek design.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x FR1100 SE Bicycle Front Light
- 1 x USB-C Charging Cable
- 1 x USB-C to Micro USB Cable (for charging cycle computers)
- 1 x AGM04 Adapter (for mounting)
- 1 x Safety Tether
- 1 x User Manual Card

CONTENUTO DELLA CONFEZIONE



This image displays all items included in the FR1100 SE package: the FR1100 SE light, a USB-C charging cable, a USB-C to Micro USB cable, an AGM04 adapter, and a safety tether.

3. SETUP AND INSTALLATION

3.1 Mounting the Light

The FR1100 SE features a quarter-turn design for quick and secure installation. It offers dual mounting options:

- **Above the Handlebar:** For standard positioning.
- **Below the Handlebar:** Using the AGM04 adapter, allowing for a cleaner cockpit setup, especially when used with a cycle computer.

To install:

1. Attach the appropriate mount (not included) to your bicycle handlebar.
2. If using a cycle computer, attach the AGM04 adapter to the mount.
3. Align the FR1100 SE with the mount or adapter and twist it a quarter turn until it clicks securely into place.
4. Attach the safety tether to the light and your bicycle for added security.

Note: The front mount itself is not included. The FR1100 SE is not compatible with the original aerodynamic front mount of Wahoo ELEMNT BOLT.

6 Modalità per Diverse Situazioni

Stato di alimentazione disponibile anche a dispositivo spento



Alta
1.8Hrs **1100lm**



Media
3.5Hrs 500lm



Bassa
7.5Hrs 250lm



Lampeggio avvertimento
45Hrs 500lm



Lampeggio rapido
21Hrs 300lm



Lampeggio lento
46Hrs 150lm

The FR1100 SE can be mounted either above or below the handlebar, offering versatility to suit different bicycle setups.

3.2 Cycle Computer Compatibility

The FR1100 SE is compatible with Garmin, Wahoo, and Bryton cycle computers. Use the included adapters to ensure proper fitment and a streamlined setup.

Doppia Opzione di Montaggio

Montaggio sopra o sotto



This image illustrates the FR1100 SE's compatibility with various cycle computers (Garmin, Wahoo, Bryton) using the provided adapters, allowing for a clean handlebar setup.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- **To Turn On:** Press and hold the power button for 1 second.
- **To Turn Off:** Press and hold the power button for 1 second.

4.2 Mode Selection

The FR1100 SE offers 6 distinct lighting modes for various situations. Briefly press the power button to cycle through the modes:

Mode	Lumen Output	Approx. Runtime	Description
High	1100 lm	1.8 hours	Maximum brightness for night riding.
Medium	500 lm	3.5 hours	Balanced brightness for varied conditions.
Low	250 lm	7.5 hours	Low brightness for extended use or less demanding conditions.
Warning Flash	500 lm	45 hours	High-visibility flash for daytime safety.
Rapid Flash	300 lm	21 hours	Fast flashing pattern for increased attention.
Slow Flash	150 lm	46 hours	Slow flashing pattern for long-duration visibility.



Spegnimento automatico in caso di inattività

Accensione/spegnimento Automatico Intelligente



Si riaccende scuotendo il dispositivo

This image details the six lighting modes of the FR1100 SE, along with the power indicator that shows battery status (Green: 40-100%, Red: 5-40%, Red Flash: <5%) even when the light is off.

4.3 Intelligent Auto On/Off

The FR1100 SE features an intelligent auto on/off mode to conserve battery and enhance convenience:

- **Automatic Off:** The light will automatically turn off after 2 minutes of inactivity (no movement detected).
- **Automatic On:** The light will reactivate with a vibration (e.g., when you start riding again).

This feature is ideal for rides with frequent stops and starts, such as city commuting.

Dissipazione del Calore Rapida

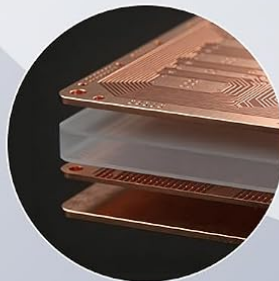
Prestazioni stabili che riducono la temperatura di esercizio



Base in alluminio
con alette di
ventilazione



Controllo termico
intelligente



Piastra di base in
rame migliorata



RAVEMEN FR1100 SE Bicycle Front Light demonstrating its intelligent auto on/off feature, turning off after 2 minutes of inactivity and reactivating with a shake.

5. CHARGING

5.1 Charging the FR1100 SE

The FR1100 SE is equipped with a USB-C charging port. Use the included USB-C cable to charge the device. The light supports charging while in use, allowing for extended operation.

5.2 Battery Level Indicator

A quick press of the power button will display the remaining battery charge, even when the light is off:

- **Green Light:** 40% - 100% battery remaining
- **Red Light:** 5% - 40% battery remaining
- **Flashing Red Light:** Less than 5% battery remaining (recharge immediately)

5.3 Charging Cycle Computers

The FR1100 SE can act as a power bank for your cycle computer. Use the included USB-C to Micro USB cable to connect and charge compatible cycle computers when needed.

6. MAINTENANCE

To ensure optimal performance and longevity of your RAVEMEN FR1100 SE, follow these maintenance guidelines:

- **Cleaning:** Wipe the light body and lens with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Storage:** Store the light in a cool, dry place when not in use. If storing for extended periods, charge the battery to approximately 50% every few months.
- **Heat Dissipation:** The aluminum base is designed for efficient heat dissipation. Ensure it is not obstructed during operation.
- **Safety Tether:** Always use the included safety tether to secure both the light and your cycle computer to prevent accidental detachment.

7. TROUBLESHOOTING

If you encounter issues with your FR1100 SE, refer to the following common problems and solutions:

- **Light Not Turning On:**
 - Check battery level. Recharge if necessary.
 - Ensure the power button is pressed and held for 1 second to activate.
- **Light Flickering or Dim:**
 - Battery may be low. Recharge the light.
 - Ensure the charging port is clean and free of debris.
- **Light Detaches from Mount:**
 - Ensure the light was twisted a full quarter turn until it clicked securely.
 - Always use the safety tether for added security.
 - Check the mount for damage or wear.
- **Cycle Computer Not Charging:**
 - Ensure the FR1100 SE has sufficient battery charge.
 - Verify the USB-C to Micro USB cable is correctly connected to both devices.
 - Confirm your cycle computer is compatible with external charging via Micro USB.

If the problem persists, please contact RAVEMEN customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	FR1100SE
Brand	RAVEMEN
Max Light Output	1100 Lumens
Number of Settings	6
Color	Black
Material	Aluminum, Plastic
Power Source	Battery Powered
Mounting Type	On Handlebar (via adapter)
Country of Origin	China

9. WARRANTY AND SUPPORT

The RAVEMEN FR1100 SE comes with a **2-year product warranty** from the date of purchase. This warranty covers manufacturing defects and material flaws under normal use.

For warranty claims, technical support, or any inquiries regarding your product, please contact RAVEMEN Official customer service. You can find more information and contact details on the official RAVEMEN website or through your retailer.

Please retain your proof of purchase for warranty validation.