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> Favoto Smart Bike Helmet ZL-FSM-01 Instruction Manual

Favoto ZL-FSM-01

Favoto Smart Bike Helmet ZL-FSM-01 Instruction Manual

Comprehensive instructions for the Favoto Smart Bike Helmet Model ZL-FSM-01, covering setup, operation, maintenance, and specifications.

1. PRODUCT OVERVIEW

The Favoto Smart Bike Helmet (Model ZL-FSM-01) is designed for road cycling and city commuting, featuring integrated lighting and turn signals for enhanced visibility. This helmet is CPSC certified, ensuring compliance with safety standards.



Figure 1: Favoto Smart Bike Helmet with remote control and rear view.

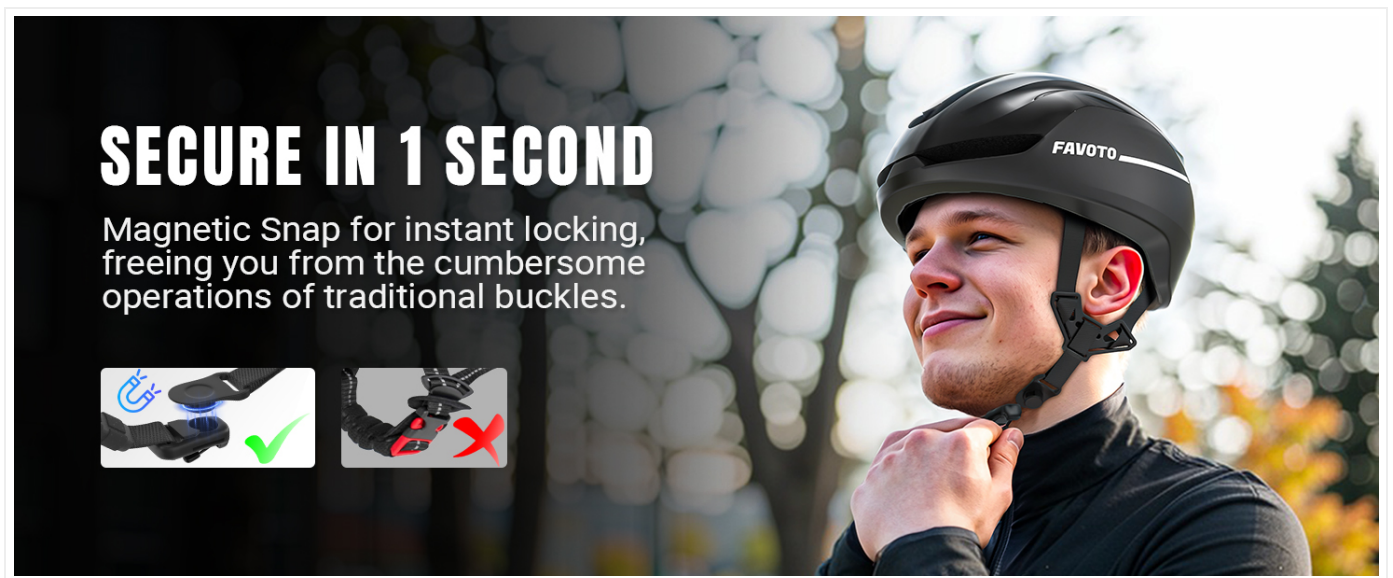


Figure 2: Dual-shell design for enhanced safety and durability.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- Smart Helmet
- Remote Control
- USB Type-C Charging Cable
- User Manual



SECURE IN 1 SECOND

Magnetic Snap for instant locking, freeing you from the cumbersome operations of traditional buckles.



Figure 3: Included components: Smart Helmet, Remote Control, USB Type-C Cable, and Manual.

3. SETUP AND FITTING

3.1. Helmet Adjustment

Ensure the helmet fits securely and comfortably. The helmet features an adjustable dial at the rear to customize the fit for head circumferences between 57-61 cm (22.4-24 inches).

1. Place the helmet on your head, ensuring it sits level and covers your forehead.
2. Turn the adjustable dial clockwise to tighten the fit until snug, but not uncomfortably tight.
3. Turn the dial counter-clockwise to loosen the fit.



Figure 4: Proper helmet fitting using the adjustable dial.

3.2. Magnetic Buckle

The helmet is equipped with a magnetic buckle for quick and secure fastening. To fasten, bring the two buckle parts close together; they will snap into place magnetically. To release, slide the buckle parts apart.



Figure 5: Magnetic buckle for secure and effortless fastening.

3.3. Charging the Helmet

The helmet's integrated lights are powered by a rechargeable battery. Use the provided USB Type-C cable to charge the helmet. The charging port is located at the bottom rear of the helmet, beneath a weather-proof cover.



Figure 6: Charging features of the helmet.

4. OPERATING INSTRUCTIONS

4.1. Powering On/Off and Tail Light Modes

To power on the helmet's tail lights, press and hold the power button located at the rear of the helmet for 3 seconds. Short presses will cycle through the five available tail light modes:

- Steady Red
- Slow Flash Red
- Breathing Red
- Fast Flash Red
- Double Flash Yellow (Hazard)

The helmet will remember the last selected mode when powered off and on again.



Figure 7: Five dynamic lighting modes for visibility.

4.2. Remote Control for Turn Signals

The included remote control allows for easy activation of turn signals and cycling through tail light modes while riding. Mount the remote control on your bicycle's handlebars for convenient access.

- Press the "**L**" button for a left turn signal.
- Press the "**R**" button for a right turn signal.
- Press the "**M**" button to cycle through the tail light modes.

Activating a turn signal will temporarily override the current tail light mode. The turn signal will flash for a set duration before returning to the previous tail light mode.



Figure 8: Remote control for turn signals and mode selection.

Your browser does not support the video tag.

Video 1: Demonstration of Favoto Smart Bike Helmet with Turn Signals, showing helmet features and remote control in use.

5. MAINTENANCE

5.1. Cleaning

- Clean the helmet shell with a soft, damp cloth and mild soap. Avoid harsh chemicals or abrasive cleaners.
- The inner padding can be removed and hand-washed with mild soap and water, then air-dried.

5.2. Storage

Store the helmet in a cool, dry place away from direct sunlight and extreme temperatures. Do not store the helmet near heat sources or corrosive materials.

5.3. Battery Care

To prolong battery life, charge the helmet regularly, even if not in frequent use. Avoid fully discharging the battery for extended periods.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Favoto Smart Bike Helmet.

6.1. Lights Not Turning On

- Ensure the helmet battery is charged. Connect the helmet to the USB Type-C charging cable and allow sufficient time for charging.
- Press and hold the power button on the helmet for 3 seconds to activate the lights.

6.2. Remote Control Not Responding

- Ensure the helmet lights are powered on.
- Check the remote control's battery. Replace if necessary.
- To re-pair the remote control with the helmet:
 - a. Turn on the helmet lights by holding the switch for 3 seconds.
 - b. When the lights flash alternately (red and yellow), press any button on the remote control.
 - c. A steady flash on the helmet indicates successful pairing.

6.3. Difficulty Accessing Charging Port

The charging port is located under a small, weather-proof rubber flap at the bottom rear of the helmet. Gently lift this flap to expose the Type-C port for charging.

7. SPECIFICATIONS

Feature	Detail
Brand	Favoto
Model Name	ZL-FSM-01
Color	Black
Size	Large (Head Circumference: 57-61 cm / 22.4-24 inches)
Age Range	Adult
Outer Material	Polycarbonate (PC)

Feature	Detail
Inner Material	Expanded Polystyrene
Special Features	Dual Shell, Magnetic Buckle, Remote Control, Tail Lights, Turn Signals
Sport Type	Cycling
Certifications	NTA 8776 Certified (for E-Bike Safety), CPSC Certified
Tail Light Modes	5 modes (Steady Red, Slow Flash Red, Breathing Red, Fast Flash Red, Double Flash Yellow)
Charging Port	USB Type-C
Approx. Weight	0.63 Kilograms

8. WARRANTY AND SUPPORT

For warranty information, product support, or to contact customer service, please refer to the official Favoto website or your purchase documentation. You can also visit the [Favoto Store on Amazon](#).

