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› LIVALL L23 Smart Bike Helmet User Manual

LIVALL L23

LIVALL L23 Smart Bike Helmet User Manual

MODEL: L23

Brand: LIVALL

1. INTRODUCTION

Welcome to the user manual for your LIVALL L23 Smart Bike Helmet. This helmet is designed to enhance your safety and riding experience with advanced features such as smart LED lighting, fall detection, and a removable visor. Please read this manual thoroughly to understand the proper use, maintenance, and safety guidelines for your new helmet.



Figure 1: LIVALL L23 Smart Bike Helmet

2. PACKAGE CONTENTS

Upon unboxing, please ensure all items are present:

- 1 x LIVALL L23 Smart Bike Helmet
- 1 x Quick Start Guide
- 1 x USB Charging Cable
- 1 x Important Information and Warranty Card

3. SETUP AND FIRST USE

3.1 Charging the Helmet

Before first use, fully charge your helmet. The charging port is located at the rear of the helmet, beneath the LED light strip. Open the protective cover and insert the provided USB charging cable. A full charge takes approximately 3 hours.

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Video 1: Demonstrates the charging process and other features of the LIVALL L23 Helmet.

3.2 Visor Installation and Removal

The LIVALL L23 helmet comes with a removable visor for rain and UV protection. To install, align the visor's attachment points with the corresponding slots on the helmet sides and rotate the buttons to immobilize it. To remove, rotate the buttons to release and detach the visor.

REMOVABLE VISOR

The visor can be moved and removable to offer you broad sights.

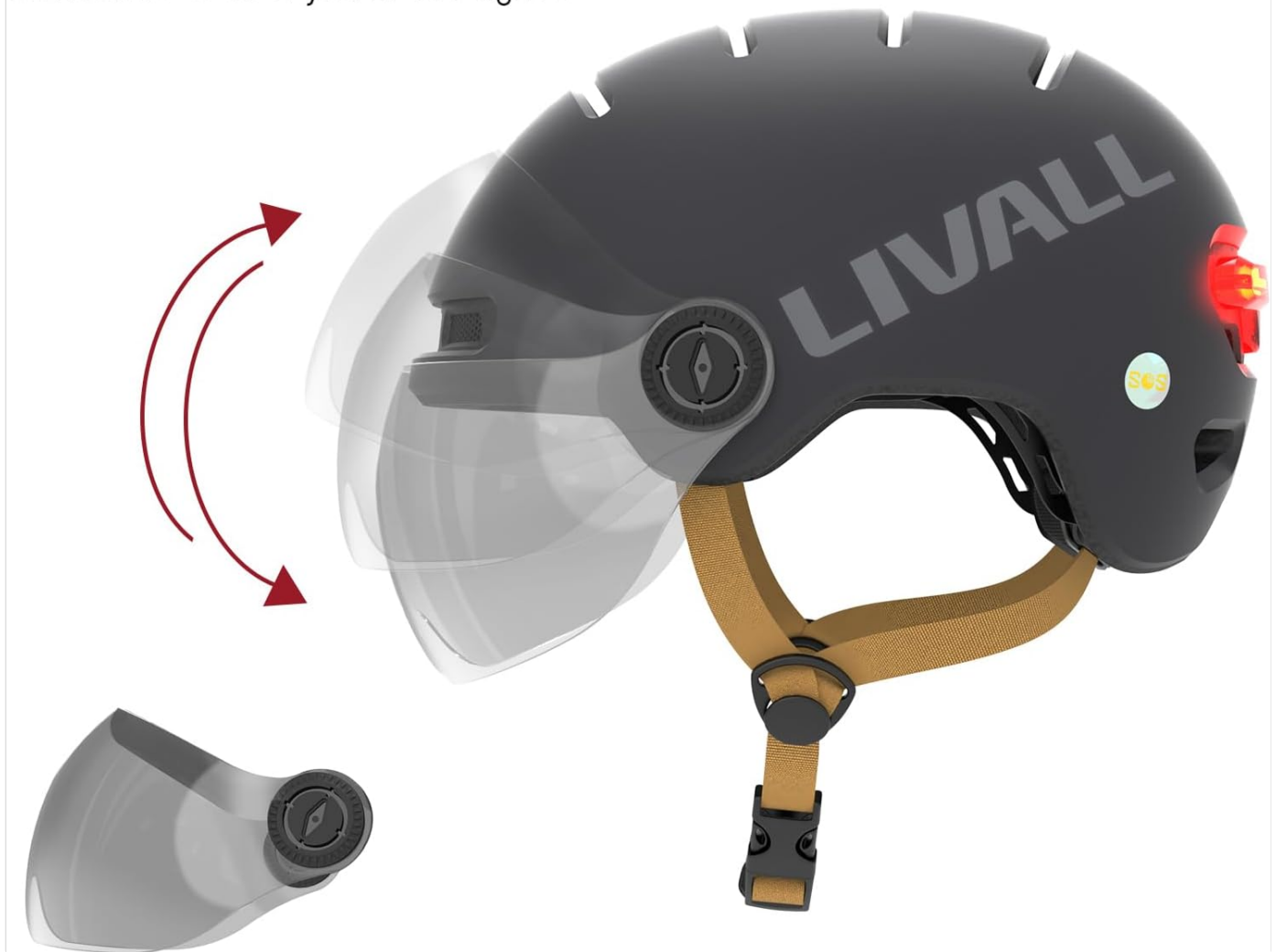
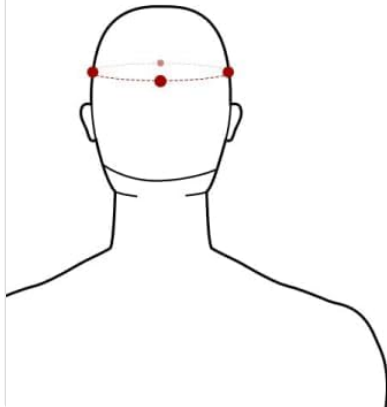
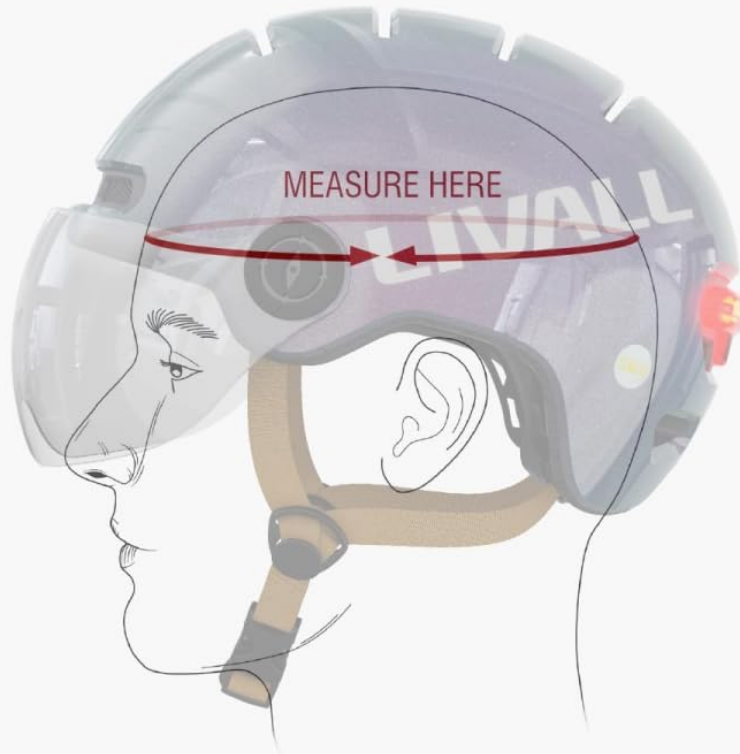


Figure 2: Visor installation and removal process.

3.3 Adjusting Helmet Fit

For optimal safety and comfort, ensure the helmet fits snugly. Use the adjustable dial at the rear of the helmet to tighten or loosen the fit around your head. The adjustable straps should also be secured under your chin without applying excessive pressure.

HELMET SIZE CHART



SIZE

FIT

Medium

21.2-22.4in/54-57cm

Larde

22.8-23.6in/58-60cm

*If in doubt, go one size up for a better fit

How To Measure

Use a soft ruler to pass the forehead brow bone and the back of the head to make a circle around the head (hair should be included)

Figure 3: Helmet size chart and how to measure for proper fit.



Figure 4: Internal view highlighting the adjustment dial for a comfortable and secure fit.

SAFETY AND COMFORATBLE HELMET

Poly-carbonate shell and EPS foam helps absorbs the impact and provide your head with maximum protection and comfortability.

3.4 Connecting to the LIVALL App

To unlock the full smart features, download the LIVALL riding App from your device's app store. Follow the in-app instructions to pair your helmet via Bluetooth. This enables features like fall detection and customizable lighting modes.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

Press and hold the power button located at the rear of the helmet to turn it on or off. The LED lights will illuminate to indicate the helmet is active.

4.2 Smart Lighting Modes

The helmet features three LED lighting modes for enhanced visibility, especially in low-light conditions. These include flashing, tidal, and brake warning modes. The lights also feature automatic ambient light sensing, adjusting brightness as needed. A full charge provides 15-20 hours of operation in flashing mode.

3 SMART LIGHTING MODES

Lights will automatic on and off due to the ambient light

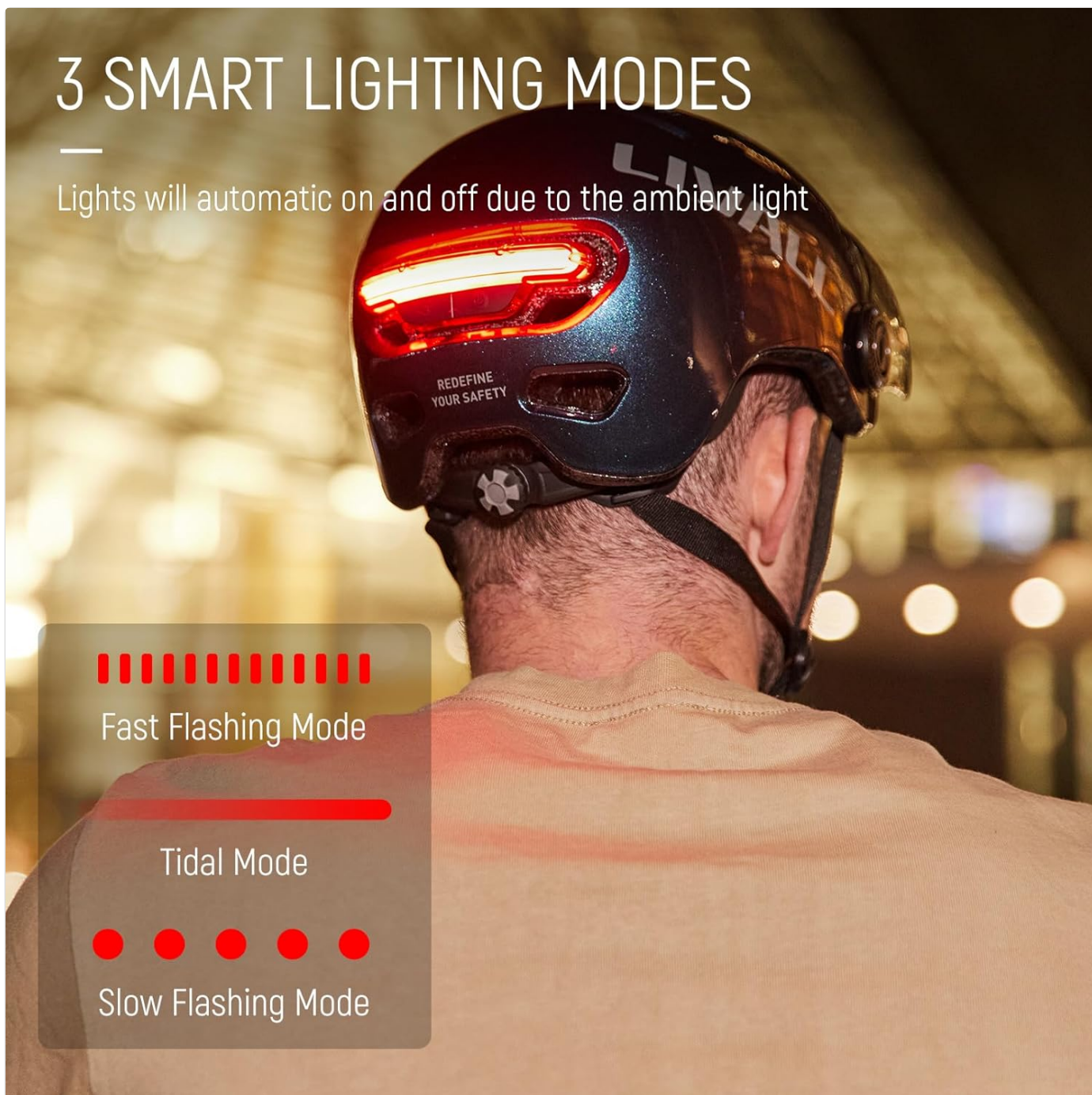


Figure 5: Illustration of the three smart lighting modes.

4.3 Patented Fall Detection & SOS Alarm

The LIVALL L23 helmet integrates patented fall detection technology. In the event of a collision or fall, the LIVALL app will trigger an SOS alarm after 30 seconds of inactivity. If the alarm is not cancelled, it will automatically send your GPS location to your pre-set emergency contacts, ensuring rapid assistance.

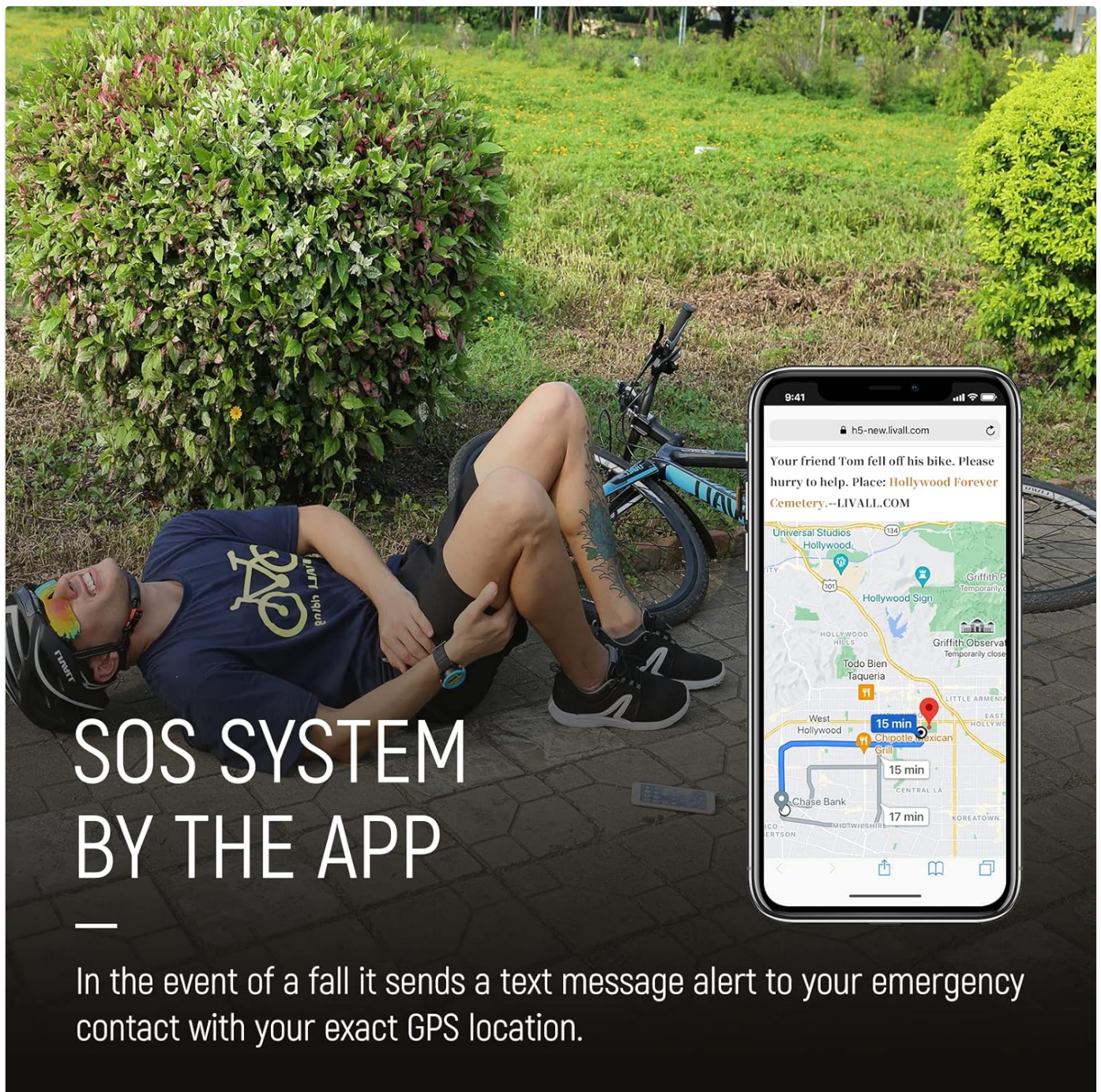


Figure 6: The SOS system in action, alerting emergency contacts with GPS location.

5. MAINTENANCE AND CARE

Proper maintenance ensures the longevity and performance of your helmet.

- **Cleaning:** Use a soft, damp cloth and mild soap to clean the helmet's exterior. Avoid harsh chemicals or abrasive materials.
- **Liner Care:** The internal liner is detachable and washable. Remove it gently, hand wash with mild detergent, and air dry completely before reinserting.
- **Storage:** Store the helmet in a cool, dry place away from direct sunlight and extreme temperatures.
- **Waterproofing:** The helmet features IPX5 waterproofing, meaning it can handle light rain. Avoid submerging the helmet in water.



Figure 7: The helmet's IPX5 waterproof rating for light rain protection.

6. SAFETY INFORMATION AND CERTIFICATIONS

The LIVALL L23 helmet is designed with your safety in mind and meets rigorous international standards:

- **Certified Safety Standards:** CE, CPSC, and NTA-8776. It is suitable for speeds up to 28mph, making it ideal for Class 3 e-bikes, e-scooters, e-skateboards, onewheels, and standard bicycles.
- **Construction:** Features a durable polycarbonate shell and EPS foam for optimal impact absorption.
- **Visibility:** Integrated LED lighting significantly boosts rider visibility in various conditions.

7. SPECIFICATIONS

Feature	Detail
Brand	LIVALL
Model Name	L23
Color	Black
Sizes Available	Medium (21.2"-22.4" / 54-57cm), Large (22.8"-23.6" / 58-60cm)
Outer Material	Polycarbonate (PC)
Inner Material	Expanded Polystyrene (EPS)
Special Features	Smart lighting, brake warning light, Patented fall detection & SOS alert, Removable Visor
Waterproofing	IPX5
Battery Life (Flashing Mode)	15-20 hours
Charging Time	Approx. 3 hours
Certifications	CE, CPSC, NTA-8776
UPC	198168211090

8. TROUBLESHOOTING

- **Helmet not turning on:** Ensure the helmet is fully charged. If the issue persists, try a different USB charging port or cable.
- **LED lights not working:** Check battery level. If charged, ensure the helmet is powered on. If connected to the app, verify lighting settings.
- **App connectivity issues:** Ensure Bluetooth is enabled on your smartphone and the helmet is within range. Restart both the app and the helmet.
- **SOS alarm not triggering:** Verify that the fall detection feature is enabled in the LIVALL app and emergency contacts are correctly set up. Ensure your phone has GPS and an active internet connection.

9. WARRANTY AND SUPPORT

Your LIVALL L23 Smart Bike Helmet comes with a 1-year warranty. For any concerns, technical support, or warranty claims, please contact LIVALL customer service via Amazon Message. Please refer to the Important Information and Warranty Card included in your package for detailed terms and conditions.