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› LIVALL BH51M NSO Smart Bluetooth Bike Helmet User Manual

LIVALL BH51M NSO

LIVALL BH51M NSO Smart Bluetooth Bike Helmet User Manual

Model: BH51M NSO | Brand: LIVALL

INTRODUCTION

This manual provides essential information for the proper use, setup, operation, and maintenance of your LIVALL BH51M NSO Smart Bluetooth Bike Helmet. Please read this manual thoroughly before using the helmet to ensure optimal performance and safety.

SAFETY INFORMATION

The LIVALL BH51M NSO helmet is CE and CPSC1203 certified, ensuring it meets safety standards. Proper fit is crucial for protection. Always ensure the helmet is securely fastened and adjusted to your head size before riding. The helmet features patented fall detection and an SOS alert system. In the event of a fall, the system can automatically send an alert with your GPS location to pre-set emergency contacts via the LIVALL App. This feature requires the helmet to be connected to the app and your smartphone to have network access.

While the helmet provides audio features, always maintain situational awareness of your surroundings, including traffic sounds, when listening to music or making calls.

PRODUCT OVERVIEW

Components

- LIVALL BH51M NSO Smart Bike Helmet
- Bling Remote Controller BR80
- Magnetic USB Charging Cable

INCLUDES

BH51M NSO Cycling Package

- (1) LIVALL BH51M NSO Smart Bike Helmet*1
- (2) Bling Remote Controller BR80*1
- (3) Magnetic USB Charging Cable*1



Image: LIVALL BH51M NSO Cycling Package, showing the helmet, Bling Remote Controller BR80, and Magnetic USB Charging Cable.

Key Features

- **Immersive Audio Experience:** Integrated JBL speakers provide enhanced sound quality for music and phone calls. The open-ear speaker design allows for situational awareness.
- **Built-in Microphone:** Wind-proof microphone for clear communication during calls.
- **Enhanced Visibility with Smart Lighting:** Built-in LED lights with a 270-degree angle function as flashing, stopping, and warning lights. Integrated smart LED turn signals and brake warning lights improve visibility.
- **Patented Fall Detection & SOS Alert:** Automatically triggers an SOS alert via the LIVALL App to emergency contacts with real-time GPS positioning in case of a fall.
- **Hands-Free Communication:** Effortlessly handle calls and utilize voice navigation through the helmet's Bluetooth speakers and microphone.
- **PTT Walkie-Talkie:** Connect with other cyclists using the PTT Walkie-Talkie function via the LIVALL app for group communication.
- **LIVALL App Connectivity:** Full utilization of smart features requires connection to the LIVALL App.
- **IPX5 Waterproof:** Designed to withstand various weather conditions.
- **Long Battery Life:** Up to 12 hours of battery life.
- **Adjustable Fit System:** Features a rotary adjustment system for a secure and comfortable fit.

Image: LIVALL BH51M NSO Smart Helmet with JBL sound system, illustrating the integrated speakers for an immersive

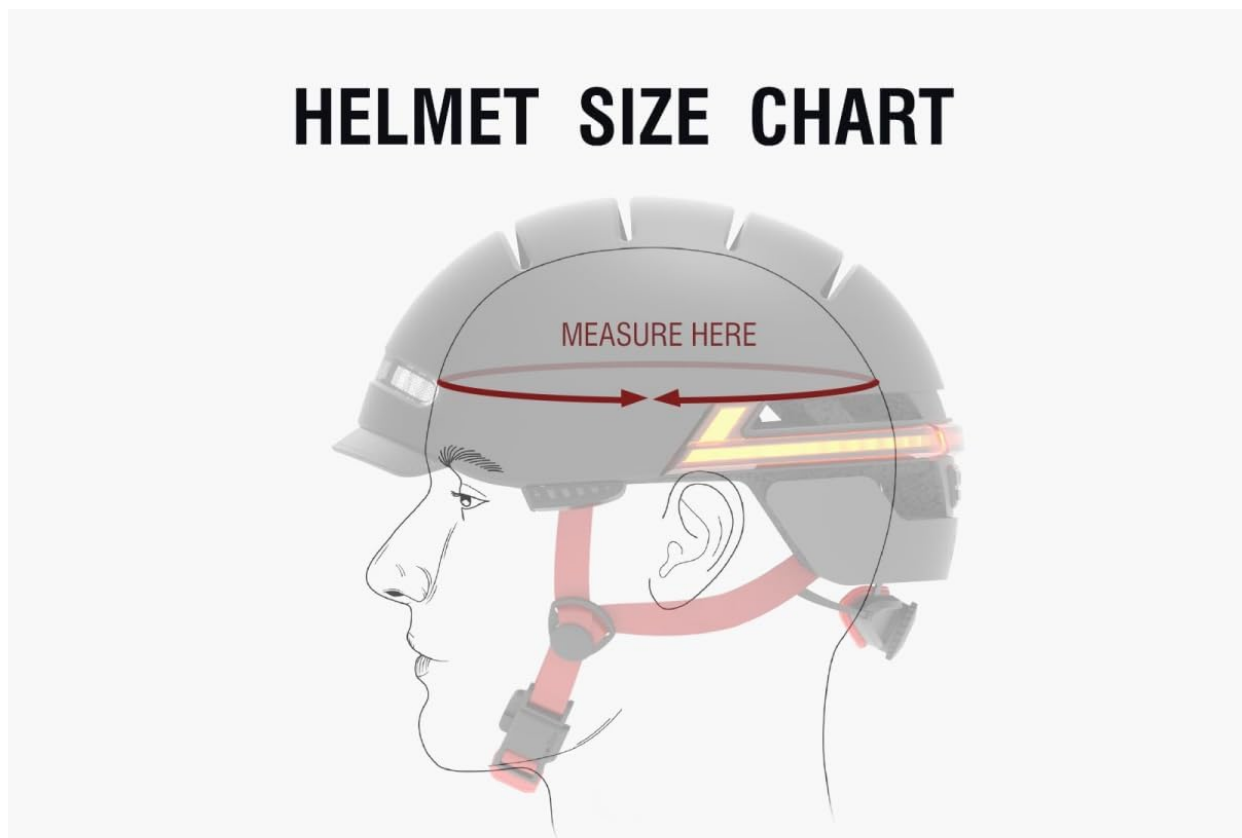
SETUP

1. Charging the Helmet

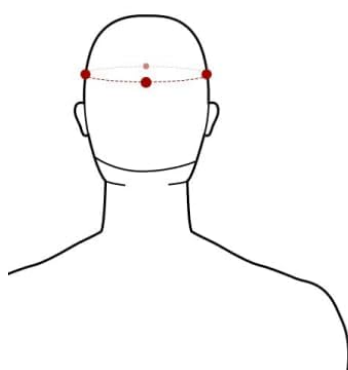
Connect the magnetic USB charging cable to the helmet's charging port and a suitable USB power source. Ensure the helmet is fully charged before its first use. A full charge typically provides up to 12 hours of battery life.

2. Fitting the Helmet Correctly

Place the helmet on your head. Use the rotary adjustment system at the back of the helmet to tighten or loosen the fit until it is snug but comfortable. Adjust the chin straps so they form a 'V' shape below your ears and the buckle is centered under your chin. The helmet should not move excessively when you shake your head.



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

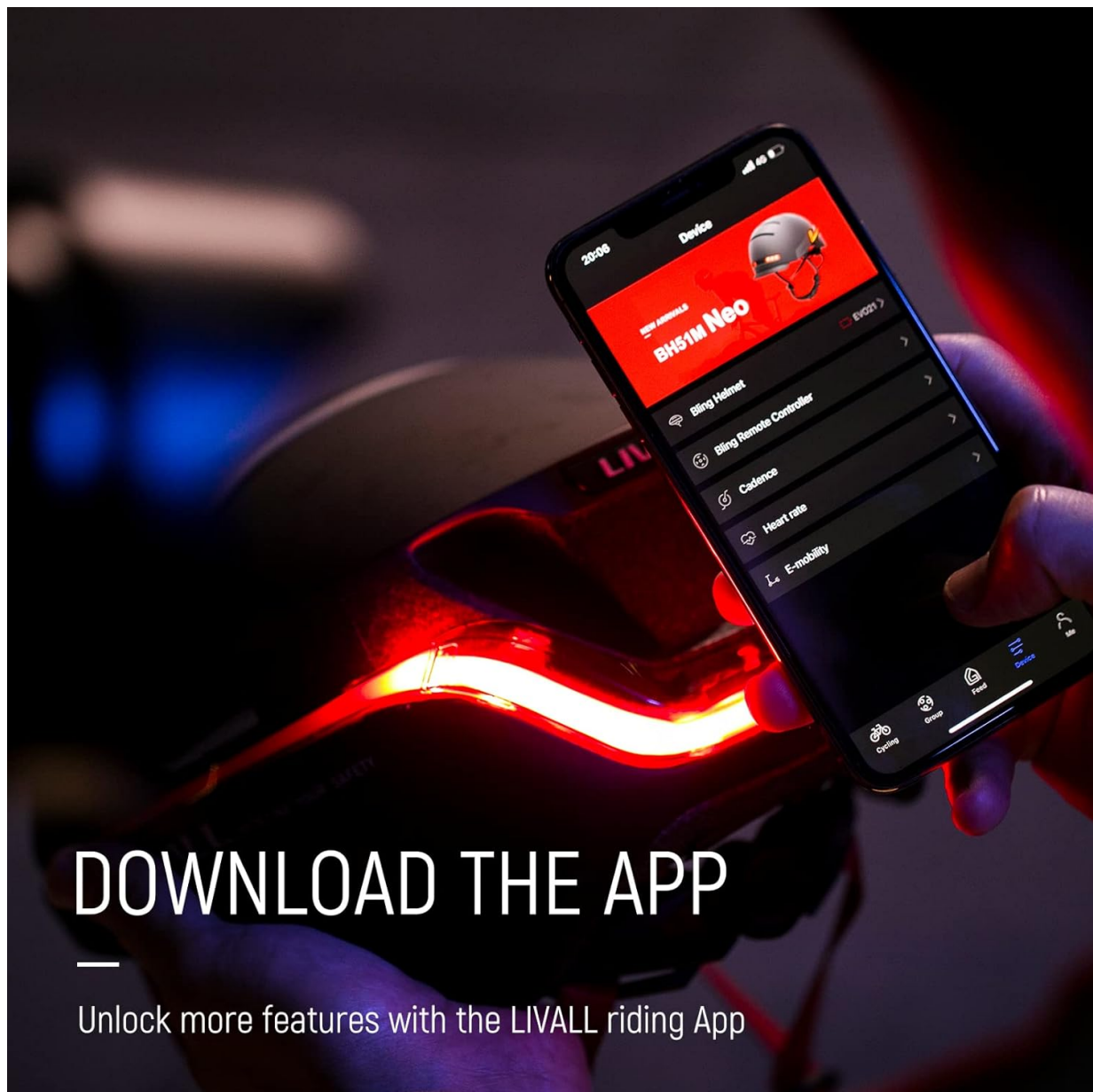
Use a soft ruler to pass the forehead brow bone and the back of the head to make a circle around the head(hair should be included)

Image: Helmet size chart with instructions on how to measure your head circumference to select the correct helmet size.

Video: Instructions on how to wear the LIVALL BH51M NSO helmet correctly, demonstrating proper adjustment and fit.

3. Connecting to the LIVALL Riding App

Download the LIVALL Riding App from your smartphone's app store. Ensure Bluetooth is enabled on your phone. Open the app and follow the on-screen instructions to pair your BH51M NSO helmet and the Bling Remote Controller. This connection is essential for accessing all smart features, including GPS positioning, SOS alerts, and



DOWNLOAD THE APP

Unlock more features with the LIVALL riding App

Image: A smartphone showing the LIVALL Riding App, indicating the need to download the app to unlock helmet features.

4. Pairing the Remote Controller

If you need to connect a new remote controller or re-pair an existing one, turn on the helmet by holding the power button. Place the remote controller close to the helmet and press the confirm button on the remote. The helmet will emit a ticking beep. Press the power button on the helmet to confirm the connection. After successful connection, you can test the turn signals using the remote.

Video: Detailed instructions on how to connect the LIVALL BH51M NSO helmet to its remote controller.

OPERATING INSTRUCTIONS

1. Power On/Off

To power on the helmet, press and hold the power button located at the back of the helmet until the lights illuminate. To power off, press and hold the power button again until the lights turn off.

2. Smart Lighting

The helmet features automatic inductive lighting, which adjusts based on ambient light conditions. The 270° visible LEDs provide all-around visibility. Use the Bling Remote Controller to activate the turn signals. Press the left button

for a left turn signal and the right button for a right turn signal. The helmet also has an automatic brake warning light that illuminates when you decelerate.

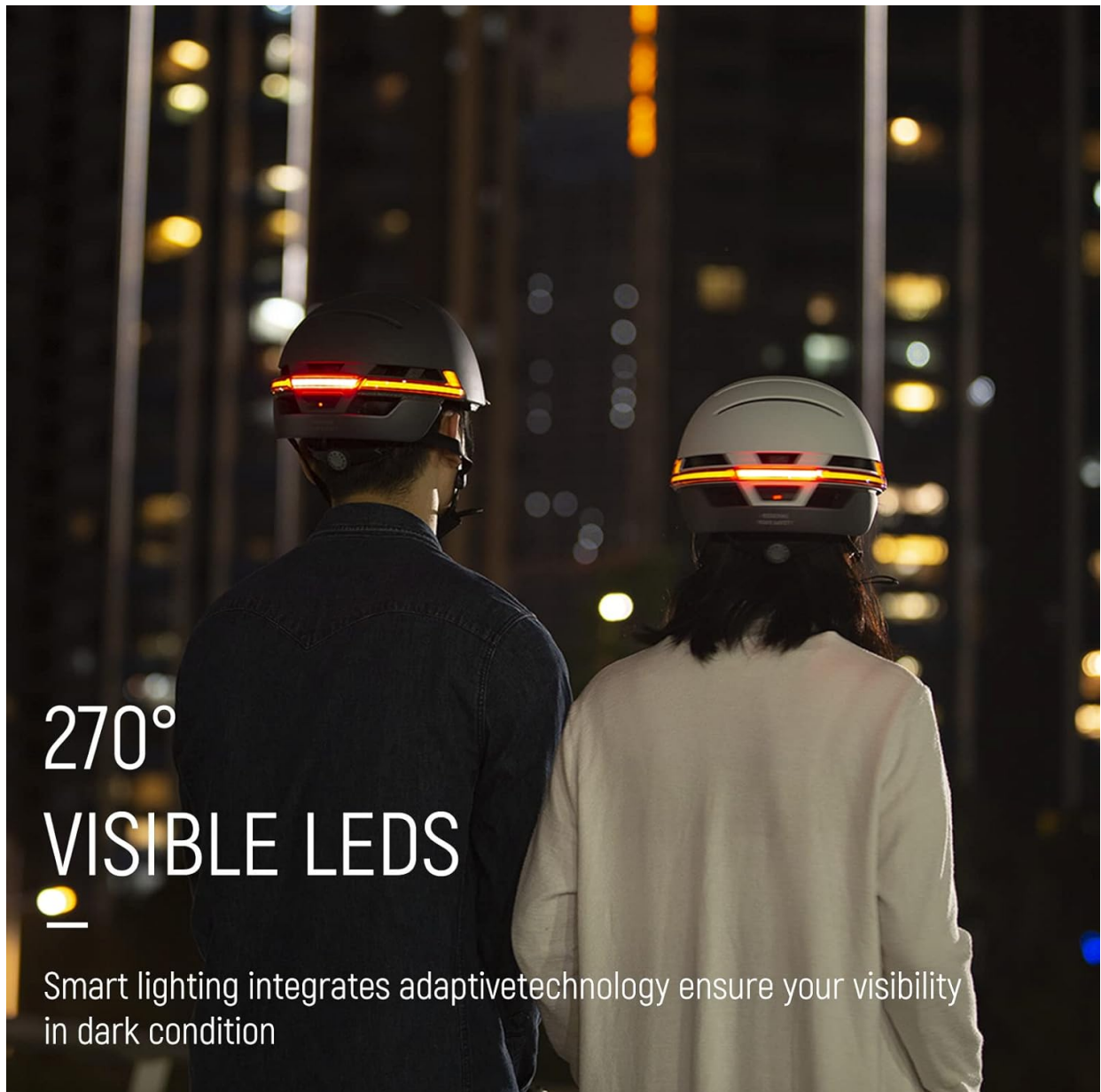


Image: Two cyclists wearing LIVALL BH51M NSO helmets, showcasing the 270-degree visible LEDs for enhanced safety during night rides.

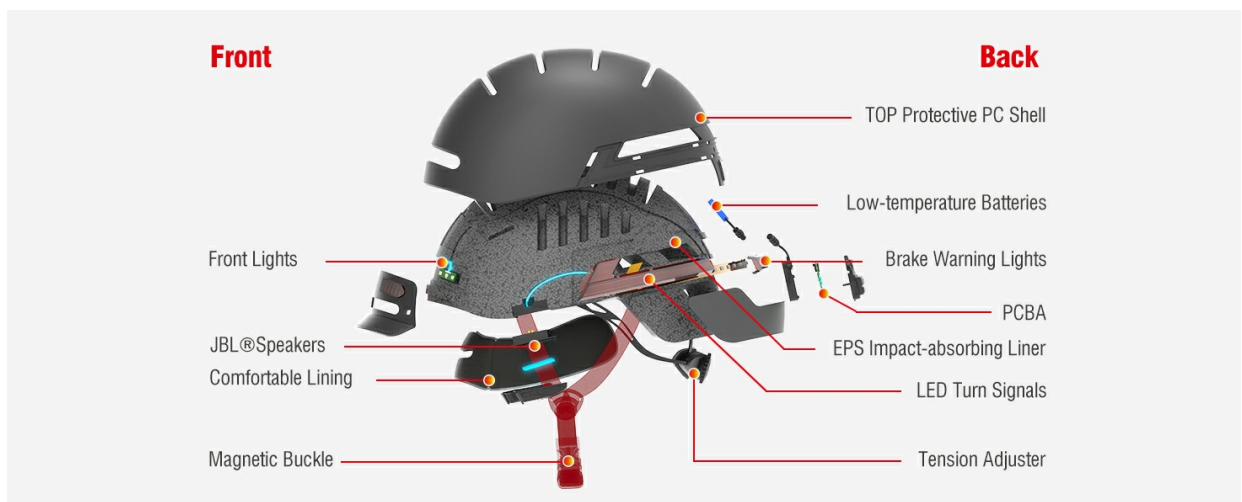


Image: The LIVALL BH51M NSO helmet with an activated turn signal, demonstrating how riders can indicate turns without removing hands from handlebars.

3. Audio Functions (Calls, Music, Voice Commands)

Once connected to your smartphone via Bluetooth, you can use the helmet's integrated JBL speakers and microphone for various audio functions. Use the remote controller to answer or end calls, adjust volume, and control music playback. The remote's voice button can activate your phone's voice assistant for hands-free commands and navigation.

4. Fall Detection & SOS Alert

The helmet's sensors detect sudden impacts indicative of a fall. If a fall is detected, the LIVALL App will initiate a 90-second countdown. If the user does not cancel the alert within this time, an SOS message with the user's GPS location will be sent to pre-selected emergency contacts. Ensure your emergency contacts are up-to-date in the LIVALL App.

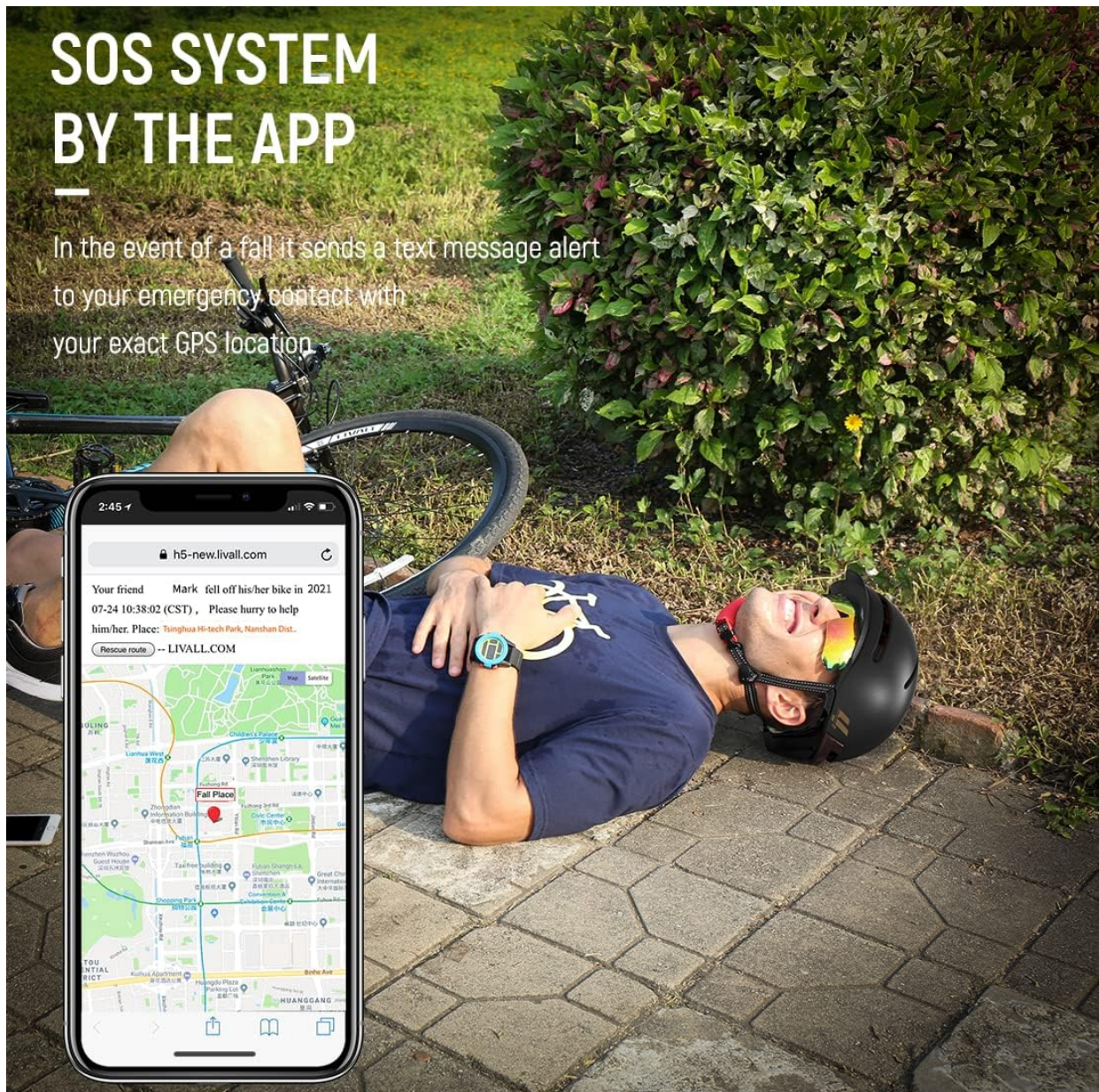


Image: A person on the ground after a fall, with a smartphone showing the LIVALL SOS system by app, indicating an alert with exact GPS location.

5. Anti-Loss Function

The anti-loss function, when enabled in the LIVALL App, will alert you if the helmet and your smartphone exceed a certain distance (approximately 15 meters). This helps prevent leaving your helmet behind unintentionally.

Video: Demonstration of how to activate and use the LIVALL helmet's anti-loss function via the app.

1. Cleaning

The helmet features a removable liner for easy cleaning. Gently remove the liner and wash it with mild soap and water. Allow it to air dry completely before reinserting. For the outer shell, wipe with a damp cloth. Avoid using harsh chemicals or abrasive cleaners.



Image: Internal view of the LIVALL BH51M NSO helmet, showing the removable liner and 13 ventilation vents for comfort and breathability.

2. Waterproofing

The BH51M NSO helmet is built to IPX5 standards, meaning it is protected against low-pressure water jets from any direction. It is suitable for use in rain but should not be submerged in water.

Long Battery Life

Up to 12 hours battery life. Once charged, you can wear LIVALL and ride for a week or more before a recharge is needed. The battery life can be maintained at about 80% in a -20 degree environment.



Image: The LIVALL BH51M NSO helmet with water droplets, demonstrating its IPX5 waterproof rating, suitable for riding in various weather conditions.

3. Battery Care

To prolong battery life, avoid fully discharging the helmet frequently. Charge the helmet regularly, especially if it will be stored for an extended period. Store the helmet in a cool, dry place.

TROUBLESHOOTING

Connectivity Issues

- **Helmet not connecting to app:** Ensure Bluetooth is enabled on your phone and the helmet is powered on. Try restarting both the helmet and the app.
- **Remote controller not pairing:** Follow the pairing instructions in the Setup section. Ensure the remote is close to the helmet during pairing.

Audio Issues

- **No sound from speakers:** Check the volume settings on both the helmet (if applicable) and your connected smartphone. Ensure the helmet is properly paired.
- **Other party cannot hear you during calls:** Verify the microphone is not obstructed. Check microphone permissions for the LIVALL App on your smartphone.

Light Issues

- **Lights not working:** Ensure the helmet is charged and powered on. Check light settings within the LIVALL App.
- **Turn signals not responding:** Verify the remote controller is paired and its battery is not depleted.

SPECIFICATIONS

Feature	Description
Brand	LIVALL
Model Name	BH51M NSO smart helmet with J-B-L sound
Model Number	BH51MNSO-JBL-B

Size	Large (58-60cm)
Item Weight	1.07 Kilograms
Outer Material	Polycarbonate (PC)
Inner Material	Foam
Special Features	Smart Bluetooth with speakers & microphone; Smart lighting, brake warning light, turn signal; One-click answer, voice navigation; Patented fall detection & SOS alert
Waterproof Rating	IPX5

WARRANTY AND SUPPORT

For warranty information, technical support, or further inquiries, please refer to the official LIVALL website or contact LIVALL customer service. You can also visit the [LIVALL Store on Amazon](#) for additional resources.