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- › LIVALL /
- › LIVALL BH51M NSO Smart Bluetooth Bike Helmet User Manual

LIVALL BH51M NSO

LIVALL BH51M NSO Smart Bluetooth Bike Helmet User Manual

Model: BH51M NSO

[Introduction](#) [Safety Information](#) [Package](#)
[Contents](#) [Setup](#) [Operation](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#) [Support](#)

1. INTRODUCTION

This manual provides essential instructions for the proper use, setup, 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.

The LIVALL BH51M NSO helmet integrates advanced features such as Bluetooth connectivity, JBL sound, smart lighting, and fall detection to enhance your cycling experience and safety.

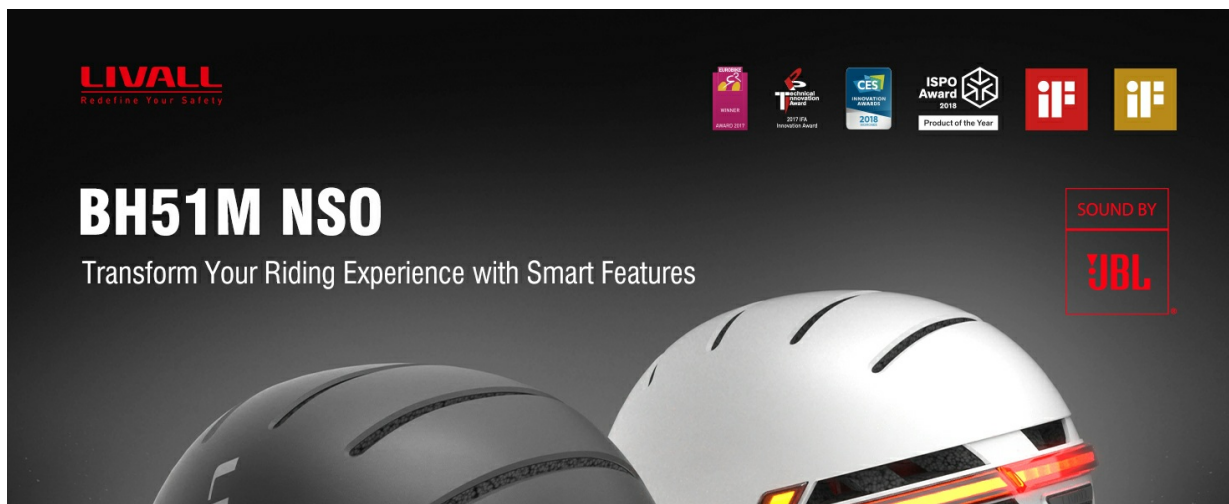


Image: The LIVALL BH51M NSO helmet, highlighting its smart features and JBL sound integration.

2. SAFETY INFORMATION

Your safety is paramount. Adhere to the following guidelines:

- Always wear your helmet correctly fitted and securely fastened.
- Ensure the helmet and remote control are fully charged and connected to the LIVALL App for all smart features, including PTT Walkie-Talkie, Fall Detection, and SOS alert, to function correctly.
- While using audio features, maintain awareness of your surroundings and traffic sounds.
- The helmet is certified with CE and CPSC1203 standards for protection.
- Do not modify the helmet or its components, as this may compromise its protective capabilities.
- Replace the helmet after any significant impact, even if visible damage is not apparent.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

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

BH51M NSO Cycling Package

INCLUDES

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



Image: Contents of the LIVALL BH51M NSO Cycling Package, including the helmet, remote controller, and charging cable.

4. SETUP

4.1. Charging the Helmet and Remote

Before first use, fully charge both the helmet and the Bling Remote Controller BR80 using the provided magnetic USB charging cable. Connect the magnetic end to the charging port on the helmet/remote and the USB-A end to a compatible power source.

4.2. Installing the LIVALL App

Download the official LIVALL Riding App from your smartphone's app store (iOS or Android). The app is essential for unlocking and managing many of the helmet's smart features.

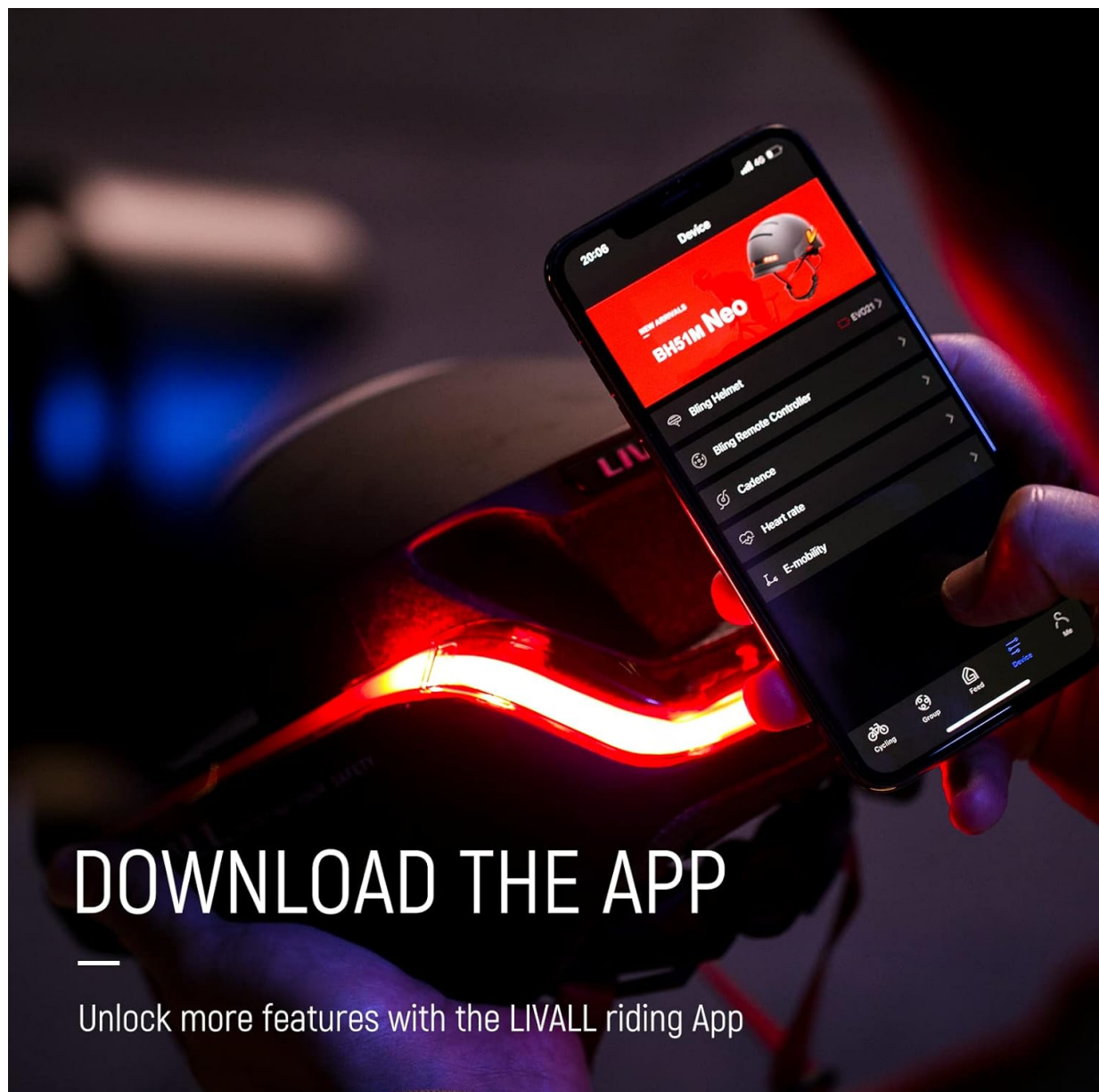


Image: A smartphone screen showing the LIVALL app interface, connected to the BH51M Neo helmet, with the helmet's rear light illuminated.

4.3. Bluetooth Pairing

1. Ensure Bluetooth is enabled on your smartphone.
2. Turn on the LIVALL BH51M NSO helmet.

3. Open the LIVALL Riding App and follow the on-screen instructions to pair your helmet and remote control.
4. Confirm successful connection within the app.

4.4. Helmet Fit Guide

A proper fit is crucial for safety and comfort. Use a soft measuring tape to measure your head circumference just above your eyebrows. Refer to the size chart below to select the appropriate helmet size.

Helmet Size Chart

Size	Head Circumference (in)	Head Circumference (cm)
Medium	21.7 - 23.3	54 - 57
Large	22.8 - 24	58 - 61

Note: If your head circumference falls between two sizes, choose the larger size for a better fit.

FIT GUIDE

DESIGNED FOR ALL GENDERS BODIES



MEDIUM

54-58cm / 21.3-22.6in



LARGE

58-61cm / 22.8-23.8in

1.FIND A MEASURING TOOL
Find a flexible measuring tape or a piece of string and a straight ruler .

2.MEASURE
Wrap the cord around your head just above the eyebrows.

3.FIND YOUR BEST FIT
Then select the helmet size that is closest to the size chart.

Measure Your Head Size, Choose the Right Helmet

NOTE : If Your Head Circumference Falls Between Sizes, Go Bigger !

Image: Diagram illustrating how to measure head circumference for proper helmet sizing.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off

The helmet features an auto power on/off function. It will automatically power on when motion is detected and power off after a period of inactivity to conserve battery.



Image: Visual representation of the helmet's auto power on (lights illuminated) and auto power off (lights off) states.

5.2. Smart Lighting

The helmet is equipped with integrated LED lights for enhanced visibility.

- **270-Degree Visible LEDs:** Front and rear LEDs provide broad visibility, functioning as flashing or warning lights.
- **Turn Signals:** Use the handlebar-mounted wireless remote to activate left or right turn signals. Press the corresponding button on the remote to indicate your turn.
- **Brake Warning Lights:** The helmet's sensors detect deceleration and automatically activate brighter brake warning lights to alert traffic behind you.

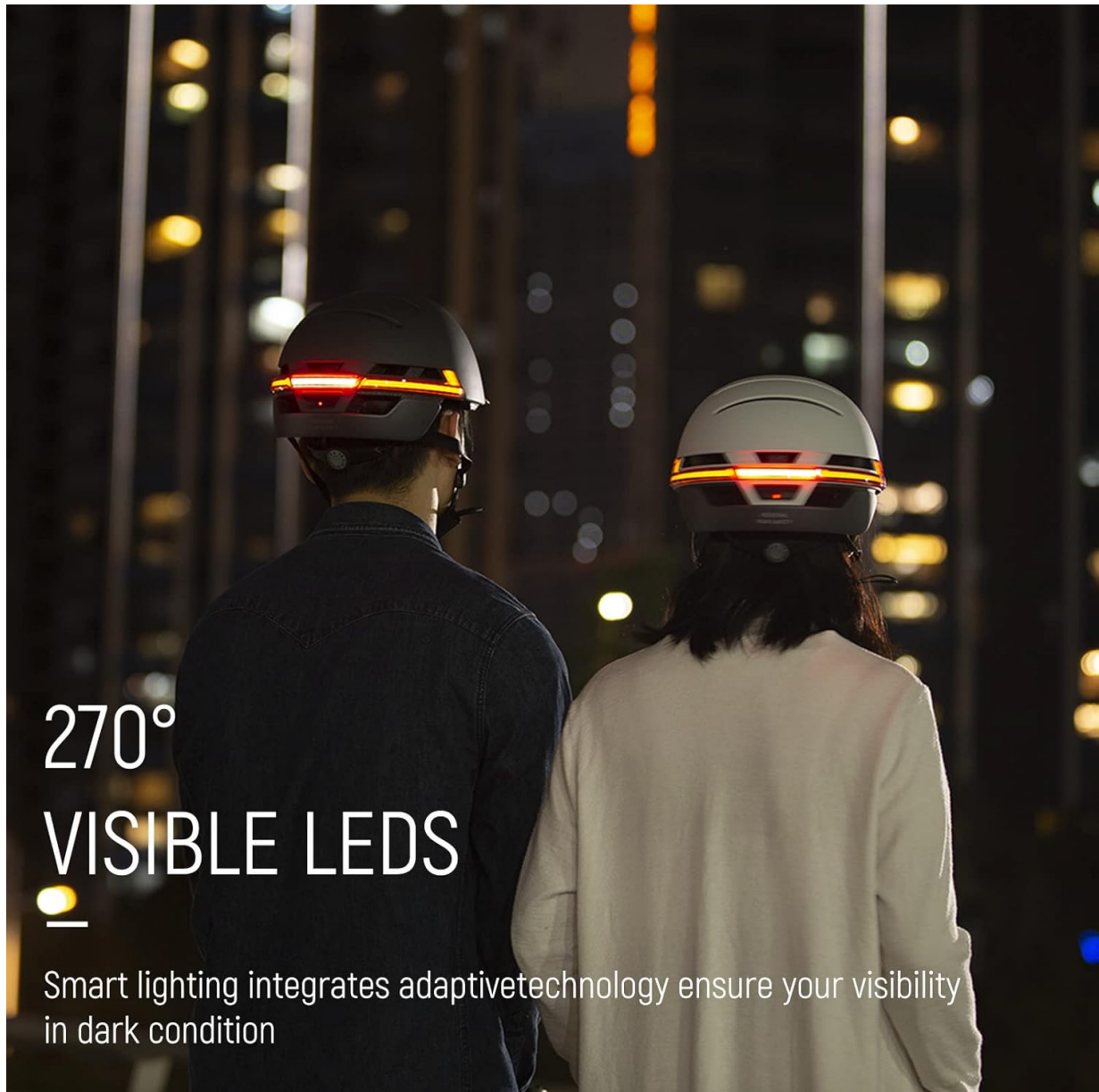


Image: Two individuals cycling at night, showcasing the 270-degree visible LED lights on their LIVALL helmets.



Image: A hand pressing the turn signal button on the handlebar-mounted remote controller, demonstrating how to activate turn signals.

5.3. Audio Features (JBL Sound)

The BH51M NSO features integrated JBL speakers and a wind-proof microphone for an immersive audio experience.

- **Music and Podcasts:** Stream audio from your connected smartphone directly to the helmet's speakers.
- **Phone Calls:** Answer calls with a single click on the remote control. The built-in microphone ensures clear communication.
- **GPS Navigation:** Receive voice navigation prompts directly through the helmet's speakers.
- **PTT Walkie-Talkie:** Utilize the Push-to-Talk (PTT) function via the LIVALL app to communicate with other cyclists in your group.

BH51M NSO is the only helmet with Sound by JBL that delivers better sound quality for music and phone calls.



Image: Two LIVALL BH51M NSO helmets, one black and one white, with the 'SOUND BY JBL' logo prominently displayed.

5.4. Fall Detection & SOS Alert

In the event of a fall, the helmet's patented fall detection system will trigger an SOS alert.

- After detecting a fall, the LIVALL App will initiate a countdown.
- If the countdown is not canceled, an SMS alert containing your exact GPS location will be sent to your pre-set emergency contacts.

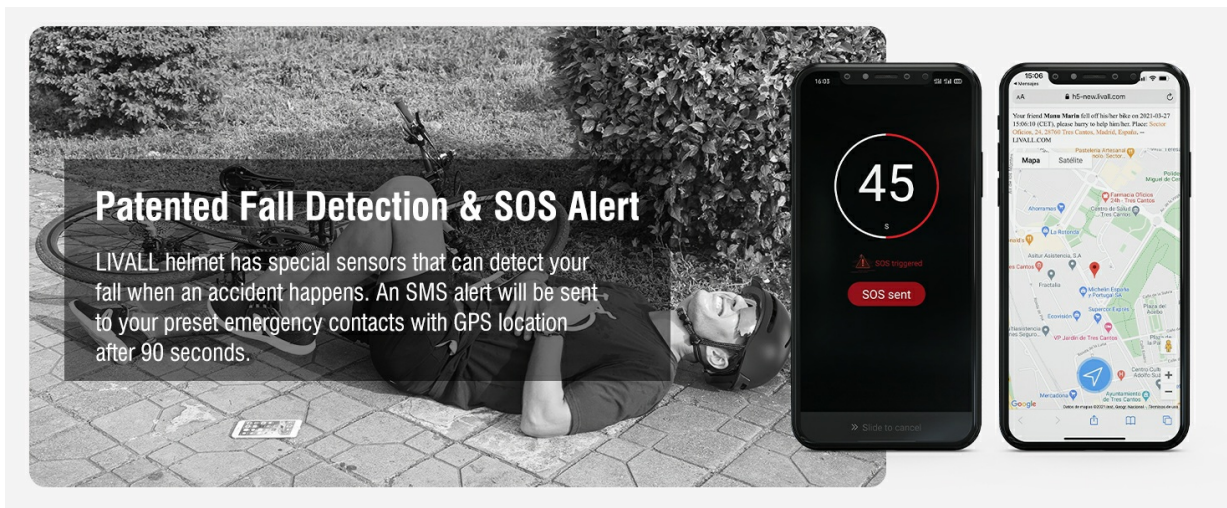


Image: A cyclist lying on the ground next to their bike, with a smartphone displaying an SOS alert and GPS location on the LIVALL app.

6. MAINTENANCE

6.1. Cleaning

- The helmet features a removable liner for easy washing. Remove the liner and hand wash with mild soap and water, then air dry.
- Wipe the helmet's exterior with a damp cloth. Avoid harsh chemicals or abrasive cleaners.

SOS SYSTEM BY THE APP

In the event of a fall it sends a text message alert to your emergency contact with your exact GPS location

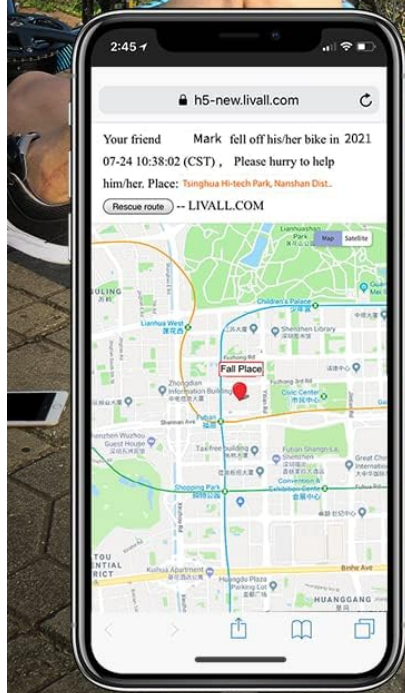


Image: Cross-section view of the helmet interior, highlighting the removable liner, 13 ventilation vents, and full coverage design.

6.2. Battery Care

The helmet is designed for long battery life, up to 12 hours. To maximize battery lifespan:

- Charge the helmet regularly, even if not in frequent use.
- Avoid fully discharging the battery frequently.
- Store the helmet in a cool, dry place.

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.

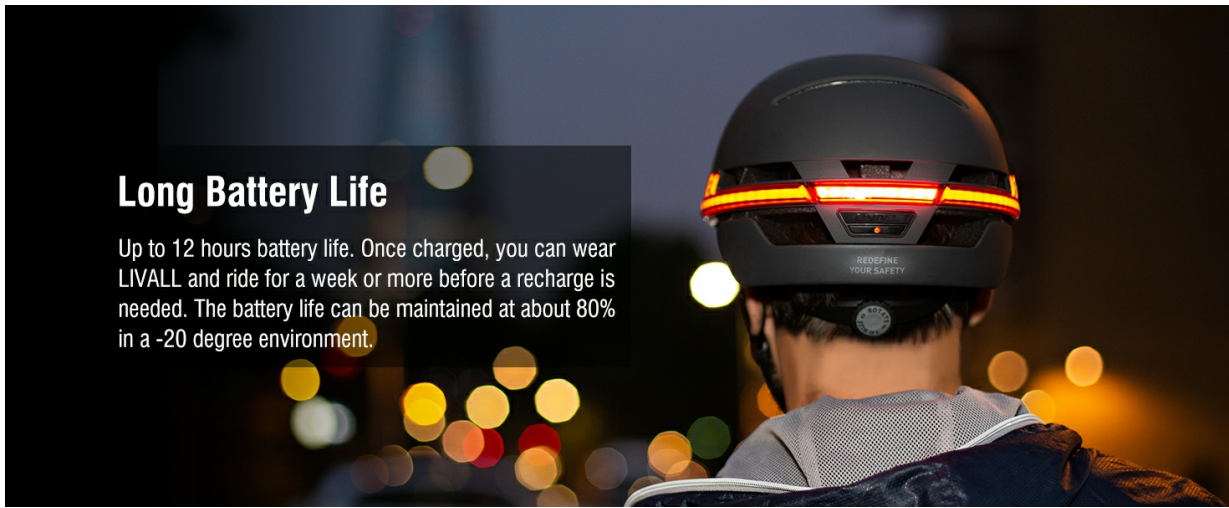


Image: A cyclist wearing the LIVALL helmet at night, emphasizing the helmet's long battery life for extended rides.

6.3. Water Resistance

The BH51M NSO is built to IPX5 standards, meaning it is resistant to water jets from any direction. This allows for riding in various weather conditions, including rain.

IPX5 Waterproof

BH51M NSO built to IPX5 standards to withstand the elements and keep you riding, come rain or shine, ready for any weather that comes your way.



Image: The LIVALL BH51M NSO helmet with water droplets on its surface, demonstrating its IPX5 waterproof capability.

7. TROUBLESHOOTING

If you encounter issues with your LIVALL BH51M NSO helmet, refer to the following common problems and solutions:

- **Helmet not powering on:** Ensure the helmet is fully charged. If it has auto-off, try moving it to activate the auto-on feature.
- **Bluetooth pairing issues:** Ensure Bluetooth is enabled on your phone and the helmet is in pairing mode. Restart both devices and try pairing again through the LIVALL App.
- **No sound from speakers or poor call quality:** Check the helmet's battery level. Ensure the helmet is properly connected to your phone via Bluetooth. Adjust volume settings on both your phone and within the LIVALL App. Ensure the microphone is not obstructed.
- **Turn signals or lights not working:** Ensure the remote control is charged and paired with the helmet. Check for any obstructions to the LED lights.
- **Fall detection or SOS alert not activating:** Ensure the helmet is connected to the LIVALL App and your emergency contacts are correctly set up within the app. The feature requires the app to be

running in the background.

- **Walkie-Talkie not functioning:** Verify that all participants are connected to the LIVALL App and have the PTT feature enabled. Check network connectivity for all users.

8. SPECIFICATIONS

Feature	Detail
Brand	LIVALL
Model Name	BH51M NSO smart helmet with J-B-L sound
Color	Black
Size	Large (22.8" to 24"/58-61cm)
Age Range (Description)	Adult
Outer Material	Polycarbonate (PC)
Inner Material	Foam (EPS Impact-absorbing Liner)
Item Weight	1.07 Kilograms
Special Features	Smart Bluetooth with speakers & microphone; Smart lighting, brake warning light, turn signal; One-click answer, voice navigation; Patented fall detection & SOS alert
Recommended Uses	Cycling
Water Resistance	IPX5

9. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please contact LIVALL customer service. Refer to the official LIVALL website or your purchase documentation for specific contact details and warranty terms applicable to your region.

LIVALL's mission is to lead sustainable development of the two-wheel industry by creating safe and smart riding experiences through technologies and innovation.