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› LIVALL BH60SE Neo Smart Cycling Helmet User Manual

LIVALL 32001008

LIVALL BH60SE Neo Smart Cycling Helmet User Manual

Model: BH60SE Neo

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your LIVALL BH60SE Neo Smart Cycling Helmet. Designed for road cycling, weekend rides, and city commuting, this helmet integrates advanced safety features with multimedia connectivity for an enhanced riding experience.

2. SAFETY INFORMATION

Always prioritize your safety. Read and understand all instructions before using the helmet.

- Ensure the helmet fits properly and is securely fastened before every ride.
- Do not modify the helmet in any way, as this may compromise its protective capabilities.
- Avoid exposing the helmet to extreme temperatures or harsh chemicals.
- While the helmet offers audio features, always remain aware of your surroundings and traffic noise.
- Charge the helmet using only the provided USB charging cable.
- In case of a fall or impact, even if no visible damage is present, the helmet's protective capacity may be compromised. It is recommended to replace the helmet after any significant impact.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- LIVALL BH60SE Neo Smart Cycling Helmet
- USB Charging Cable
- User Manual (this document)

4. PRODUCT OVERVIEW

The LIVALL BH60SE Neo helmet is equipped with several integrated features for enhanced safety and connectivity.



Figure 4.1: Rear view of the LIVALL BH60SE Neo helmet showing the integrated LED lighting system.



Figure 4.2: Side view highlighting the rear LED lights and the adjustable fit system dial.

Key Features:

- **Enhanced Visibility:** Features 14 red and yellow LEDs with turn signal functionality for increased road presence.
- **Brake Light Function:** Automatically detects deceleration and activates the brake light.
- **SOS Alarm System:** Notifies pre-set emergency contacts in case of a fall.
- **Bluetooth Multimedia Unit:** Allows for phone calls, music listening, and navigation instructions while riding.
- **Voice Recognition:** For hands-free control of certain functions.
- **Comfort & Ventilation:** Premium EPS foam, insect net, and 24 ventilation holes for optimal comfort.
- **Lightweight Design:** Conforms to EN 1078 standard.

5. SETUP

5.1 Charging the Helmet

Before first use, fully charge the helmet battery.

1. Locate the charging port on the helmet (usually near the rear LED unit).
2. Connect the provided USB charging cable to the helmet and to a USB power source (e.g., computer, wall adapter).
3. The LED indicator will show charging status (e.g., red for charging, green for fully charged).
4. Charging time is approximately 2-3 hours.

5.2 Fitting the Helmet

Proper fit is crucial for safety and comfort.

1. Place the helmet on your head so it sits level and covers your forehead.
2. Adjust the retention system dial (located at the back of the helmet) to achieve a snug, comfortable fit. The helmet should not move freely when you shake your head.
3. Adjust the side straps so they form a "V" shape just below your ears.
4. Fasten the chin strap buckle and tighten it so that no more than two fingers can fit between the strap and your chin.

5.3 Pairing with the LIVALL Riding App

To unlock all smart features, pair your helmet with the LIVALL Riding App.

1. Download the "LIVALL Riding" app from your smartphone's app store (iOS or Android).
2. Ensure Bluetooth is enabled on your smartphone.
3. Turn on your LIVALL BH60SE Neo helmet (refer to Section 6.1).
4. Open the LIVALL Riding app and follow the on-screen instructions to search for and connect to your helmet.
5. Once connected, the app will display the helmet's status and allow configuration of features like SOS contacts and LED patterns.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

- **Power On:** Press and hold the power button (usually located on the rear or side of the helmet) for 3 seconds until the LEDs illuminate and you hear a power-on prompt.
- **Power Off:** Press and hold the power button for 3 seconds until the LEDs turn off and you hear a power-off prompt.

6.2 LED Lighting and Turn Signals

The helmet's integrated LEDs enhance your visibility to others.

- **Default Lighting:** When powered on, the rear LEDs will typically be in a steady or flashing mode.
- **Turn Signals:** If you have the LIVALL remote control (sold separately) or use the app, you can activate left or right turn signals. The corresponding side LEDs will flash.
- **Brake Light:** The helmet automatically detects significant deceleration and activates a brighter, steady red light to signal braking.

6.3 Bluetooth Multimedia Functions

Once paired with your smartphone, you can use the helmet for audio.

- **Music Playback:** Play music from your smartphone. The helmet's open-ear speakers allow you to hear music while remaining aware of ambient sounds.
- **Phone Calls:** Answer incoming calls directly through the helmet. The integrated microphone allows for clear communication.
- **Navigation Prompts:** Receive turn-by-turn navigation instructions from your mapping app.

6.4 SOS Alarm System

The SOS system is a critical safety feature.

- Ensure SOS contacts are set up in the LIVALL Riding App.
- In the event of a significant impact or fall, the helmet's sensor will detect it.

- After a short countdown (to allow for cancellation if it's a false alarm), the app will send an SOS message with your GPS location to your pre-set emergency contacts.

7. MAINTENANCE

7.1 Cleaning the Helmet

- Wipe the exterior of the helmet with a soft, damp cloth and mild soap.
- Do not use abrasive cleaners, solvents, or harsh chemicals.
- The internal padding can often be removed and hand-washed with mild soap and water. Allow to air dry completely before reinserting.

7.2 Battery Care

- Charge the helmet regularly, even if not in frequent use, to maintain battery health.
- Avoid fully discharging the battery frequently.
- Store the helmet in a cool, dry place away from direct sunlight.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Helmet does not power on.	Low battery.	Charge the helmet fully.
Cannot pair with smartphone.	Bluetooth is off; helmet not in pairing mode; app issue.	Ensure Bluetooth is on. Restart helmet and app. Try pairing again. Check app permissions.
Low audio volume or poor sound quality.	Smartphone volume too low; helmet speakers obstructed; environmental noise.	Increase smartphone volume. Ensure speakers are not covered. Note that open-ear design allows ambient sound.
SOS alarm not triggering or sending messages.	SOS contacts not set up in app; app not running in background; no GPS signal.	Verify SOS contacts in app. Ensure app is running and has location permissions. Check GPS signal.

9. SPECIFICATIONS

Feature	Detail
Model Name	BH60SE Neo
Brand	LIVALL
Color	Black
Size	55 - 61 cm
Material	Polycarbonate (PC) (Outer), EPS Foam (Inner)
Connectivity	Bluetooth

Feature	Detail
Ventilation Holes	24
Weight	Approx. 300 grams
Dimensions (L x W x H)	28.5 x 23.5 x 15 cm
Battery Type	Lithium-ion (1 included)
Included Components	USB Charging Cable
Safety Standard	EN 1078

10. WARRANTY AND SUPPORT

LIVALL provides a warranty for its products. Please refer to the official LIVALL website or your purchase documentation for the most up-to-date warranty terms and conditions.

- **Spare Parts Availability:** Spare parts are available for 2 years from the date of purchase.
- For technical support, troubleshooting assistance, or warranty claims, please contact LIVALL customer service through their official website or the retailer where you purchased the helmet.

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