

HISHELL BL02

HISHELL BL02 Open-Ear Translator Earbuds User Manual

Model: BL02

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1. INTRODUCTION

This manual provides detailed instructions for the HISHELL BL02 Open-Ear Translator Earbuds. These earbuds are designed to offer real-time voice translation across 144 online languages, alongside standard Bluetooth audio functions for music and calls. The open-ear design ensures comfort and situational awareness. Please read this manual thoroughly before using the device to ensure proper operation and to maximize its features.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Open-Ear Design:** Ergonomic and comfortable for extended wear, allowing awareness of surroundings.
- **Multilingual Translation:** Supports 144 online languages and accents for real-time translation.
- **High Accuracy:** Utilizes a binaural HD microphone for up to 99% translation accuracy.
- **Versatile Functionality:** Functions as a translator, music player, and call device.
- **Multiple Translation Modes:** Includes Touch Mode, Speaker Mode, and Free Talk Mode.
- **Extended Battery Life:** Approximately 3 hours of listening time and 240 hours of standby.

2.2 Components

The HISHELL BL02 package includes:

- HISHELL BL02 Open-Ear Translator Earbuds (Left and Right)
- Charging Case
- USB Charging Cable
- User Manual (this document)

New Translation Earphones

✓ 144 Languages
Translation Earphones

✓ Un-In-Ear Earphone
Comfortable To Wear

✓ Designed for sport
not easy to get rid of it

✓ 360 Degree No
Sound Leakage

✓ Listen Music
Phone Calls



Fast Translation



Multiple Devices



Listen Music

Figure 1: HISHELL BL02 Open-Ear Translator Earbuds and Charging Case. The image displays the black earbuds with their transparent charging case, highlighting key features like 144 languages, un-in-ear comfort, sport design, no sound leakage, and music/call functions.

High-Resolution Native Surround Sound



Acoustic structural cavity

①

The third-generation acoustic cavity presents a more open and shocking sound field, with surging bass, transparent treble, and delicate vocals.



Digital sound enhancement

②

Figure 2: Internal structure of the HISHELL BL02 earbud. This diagram illustrates the acoustic structural cavity and digital sound enhancement technology responsible for the high-resolution native surround sound.

Comfortable Wearing Experience

Comfortable to wear on the ears, can be worn while running, skipping, dancing, boxing, and doing whatever you want, making exercise unrestricted.



Figure 3: Comfortable wearing experience. A person is shown wearing the open-ear earbud, demonstrating its ergonomic fit for various activities.

3. SETUP GUIDE

3.1 Initial Charging

Before first use, fully charge the earbuds and the charging case.

1. Place both earbuds into the charging case.
2. Connect the USB charging cable to the charging case and a power source.
3. The charging indicator lights will show the charging status. A full charge typically takes approximately 2 hours.

3.2 Bluetooth Pairing

1. Ensure the earbuds are charged and removed from the charging case. They will automatically enter pairing mode.
2. On your mobile device, enable Bluetooth.
3. Search for "BL02" or "HISHELL BL02" in the list of available Bluetooth devices.
4. Select the device to pair. A voice prompt will confirm successful connection.

3.3 App Installation and Connection

The HISHELL BL02 requires a dedicated application for translation functions.

1. Download the official HISHELL translator application from your device's app store (iOS or Android).
2. Open the application and follow the on-screen instructions to connect your BL02 earbuds.
3. Grant necessary permissions for the app to function correctly, including microphone access.

4. OPERATING INSTRUCTIONS

4.1 Translation Modes

The HISHELL BL02 offers three distinct translation modes, accessible via the companion app:

- **Touch Mode:** Designed for two people. Each person wears one earbud. Click or double-click the earbud to initiate real-time translation. This mode is suitable for direct conversations where both participants are willing to wear an earbud.
- **Speaker Mode:** One person wears an earbud, and the other person speaks into the mobile phone. This mode is suitable for situations where the other party is not wearing an earbud, such as asking for directions or interacting with strangers.
- **Free Talk Mode:** Both users wear an earbud, allowing for continuous, real-time translation without manual input. This mode facilitates natural, free-flowing conversations.

Three Modes More Features

The Translator By Your Ear

Accompany You To Travel Around The World

So That You Can Communicate Without Any Burden

Touch Mode



Two people each wear one earphone, click or double-click on the earphone for real-time translation, suitable for acquaintances willing to wear your earphones

Speaker Mode



One person wears earphones and one person holds the mobile phone, suitable for strangers who are inconvenient to wear your earphones

Free talk Mode



Both of them wear a earphone, translate in real time, release their hands, and communicate freely



Figure 4: Illustration of the three translation modes: Touch Mode, Speaker Mode, and Free Talk Mode, detailing their respective uses.

Mini Portable

TWS Translation Earbuds

144+Languages | 3 Translation Modes

Albanian	Georgian	Marathi	Turkish
Amharic	German	Mongolian	Ukrainian
Arabic	Greek	Nepali	Urdu
Armenian	Gujarati	Bokmål	Uzbek
Azerbaijani	Hebrew	Norwegian	Vietnamese
Basque	Hindi	Persian	Zulu
Bengali	Hungarian	Polish	Irish
Bosnian	Icelandic	Portuguese	Maltese
Bulgarian	Bahasa Indonesia	Punjabi	
Burmese	Italian	Romanian	
Catalan	Japanese	Serbian	
Chinese	Javanese	Sinhala	
Croatian	Kannada	Slovak	
Czech	Kazakh	Slovene	
Danish	Khmer	Spanish	
Dutch	Korean	Sundanese	
English	Lao	Swahili	
Estonian	Lithuanian	Swedish	
Tagalog	Macedonian	Tamil	
Finnish	Malay	Telugu	
French	Malayalam	Thai	
Galician	Marathi	Pashto	



Touch Mode



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Free talk Mode



Both of them wear a earphone, translate in real time, release their hands, and communicate freely

Figure 5: Overview of supported languages and translation modes. This image lists over 144 languages available for online translation and visually represents the Touch, Speaker, and Free Talk modes.

4.2 Language Selection

Within the HISHELL application, you can select the source and target languages for translation from a list of 144 online languages. Ensure you have an active internet connection for online translation.

4.3 Offline Translation

The device supports offline translation for a limited number of languages (e.g., Chinese, UK English, French, German, Japanese, Russian, Spanish, Korean). Please note that offline language packs may require an additional purchase within the application.

Offline Translation

CN-UK-FR-DE-JP-RU-ES-KR 8 Language



Figure 6: Offline translation capability. This image indicates that offline translation is available for specific languages, with a note clarifying that these language packs may require extra payment.

4.4 Music Playback and Calls

The earbuds can also be used for listening to music and making/receiving phone calls via Bluetooth.

- **Music Playback:** Once paired, play audio from your connected device.
- **Answering Calls:** Use the touch controls on the earbuds to answer or end calls. Refer to the app or product documentation for specific touch control gestures.

5. MAINTENANCE

5.1 Cleaning

- Wipe the earbuds and charging case with a soft, dry, lint-free cloth.
- Do not use abrasive cleaners, alcohol, or chemical solvents.
- Avoid getting moisture into any openings.

5.2 Storage

- Store the earbuds in their charging case when not in use to protect them and keep them charged.

- Keep the device in a cool, dry place, away from extreme temperatures and direct sunlight.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Earbuds not pairing	Low battery; Bluetooth off; out of range; already paired to another device.	Charge earbuds; ensure Bluetooth is on; move closer to device; disconnect from other devices.
Translation inaccurate or delayed	Poor internet connection; noisy environment; app not updated; incorrect language selection.	Ensure stable internet; move to a quieter area; update app; verify language settings.
No sound during music/calls	Volume too low; earbuds not connected; media output not set to earbuds.	Increase volume on device; re-pair earbuds; check device's audio output settings.
Earbuds not charging	Charging cable faulty; charging port dirty; earbuds not seated correctly in case.	Try a different cable/charger; clean charging contacts; ensure earbuds are properly placed.
App not connecting to earbuds	Bluetooth not connected; app permissions denied; app outdated.	Ensure Bluetooth pairing; check app permissions in phone settings; update the app.

7. SPECIFICATIONS

Feature	Detail
Product Model	BL02
Bluetooth Version	5.3
Standby Time	240 hours
Operating Time (Earbuds)	Approximately 3 hours
Charging Time	Approximately 2 hours
Earbud Battery	2 x 30 mAh Lithium-polymer
Charging Case Battery	250 mAh Lithium-polymer
Bluetooth Range	Approx. 10 meters (33 feet)
Operating Temperature	-10 to 50 °C (14 to 122 °F)
Supported Online Languages	144+
Color	Black



Figure 7: Dimensions of the HISHELL BL02 charging case. The image shows the case with measurements: 5.45 cm (2.14 in) height, 3.9 cm (1.53 in) depth, and 6 cm (2.36 in) width.

8. WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the documentation included with your purchase or visit the official HISHELL website. Specific warranty terms and conditions may vary by region and retailer.

For technical assistance or inquiries, please contact HISHELL customer service through their official channels.