CNBRO L802

CNBRO AI Smart Glasses L802 User Manual

Model: L802

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your CNBRO AI Smart Glasses, model L802. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize your user experience.

2. PRODUCT OVERVIEW

The CNBRO AI Smart Glasses L802 integrate advanced features such as an 8MP HD camera, AI voice assistant, real-time translation, open-ear audio, and object recognition into a wearable form factor. Designed for convenience and enhanced interaction with your environment, these glasses offer a hands-free experience for various activities.

Image 2.1: CNBRO AI Smart Glasses L802 (Black-Sunglasses variant).

Key Features:

- **8MP HD Camera:** Records 1080P/30FPS videos and captures photos with EIS stabilization and a 105° wide-angle lens.
- **AI Assistant & Visual Recognition:** Utilizes advanced AI for object identification, scene analysis, and answering queries.

- **Real-Time Translation:** Supports translation of spoken and visual text.
- **Open-Ear Audio:** Directional speakers provide sound without obstructing ambient noise.
- **Dual Noise-Canceling Microphones:** Ensures clear audio for calls and recordings.
- **Voice Control:** Activate functions and manage media playback using voice commands.
- **Long Battery Life:** Integrated 270mAh battery for extended use.
- **App Compatibility:** Works with iOS and Android via the free HeyCyan app.

3. SETUP

3.1. Unboxing and Initial Inspection

Carefully remove all items from the packaging. Verify that the following components are present:

- 1x CNBRO AI Smart Glasses L802
- 1x Charging Cable
- 1x User Manual (this document)

3.2. Charging the Glasses

1. Connect the provided magnetic charging cable to the charging port on the glasses.
2. Connect the other end of the charging cable to a USB power adapter (not included) or a computer's USB port.
3. The charging indicator light will illuminate during charging. A full charge typically takes approximately 1-2 hours.
4. Once fully charged, the indicator light may change color or turn off. Disconnect the charging cable.

Image 3.1: Magnetic charging port on the smart glasses.

3.3. App Installation and Pairing

1. Download the "HeyCyan" app from your device's app store (available for iOS and Android).
2. Ensure Bluetooth is enabled on your smartphone.
3. Power on the CNBRO AI Smart Glasses by pressing and holding the power button (refer to the diagram in Section 2 for button location).
4. Open the HeyCyan app and follow the on-screen instructions to pair your glasses. The app will guide you through the connection process.
5. Once paired, the glasses are ready for use.

4. OPERATING INSTRUCTIONS

4.1. Camera Operation

The integrated 8MP HD camera allows for hands-free photo and video capture.

- **Taking Photos:** Briefly press the camera button once to capture a still image.
- **Recording Videos:** Press and hold the camera button for 2 seconds to start video recording. Press again briefly to stop recording.
- All captured media is stored internally and can be transferred to your smartphone via the HeyCyan app.

Image 4.1: Detail of the 8MP HD camera lens.

Image 4.2: Examples of smart glasses usage in daily life.

4.2. AI Assistant and Real-Time Translation

The glasses feature an integrated AI assistant and real-time translation capabilities.

- **Activating AI Assistant:** Use a predefined voice command (e.g., "HeyCyan") or a specific button press (refer to app settings for configuration) to activate the AI assistant.
- **Object Recognition:** Point your gaze at an object and activate the AI assistant to identify it and provide information.
- **Real-Time Translation:** The glasses can translate spoken conversations or text seen through the lenses. Activate the translation feature via voice command or app.

Image 4.3: Smart glasses facilitating real-time translation and AI interaction.

AI Visual Recognition

Identify and analyze what you see in real time. With integrated AI , the glasses recognize objects, scenes, and text — helping you understand your surroundings instantly. Ideal for learning, travel, or daily assistance.

HeyCyan, what is that building in front of me?

It is the "Arc de Triomphe" and originated in ancient Greece and Rome. In ancient Greece and Rome, generals would pass through a special building when they returned victoriously.
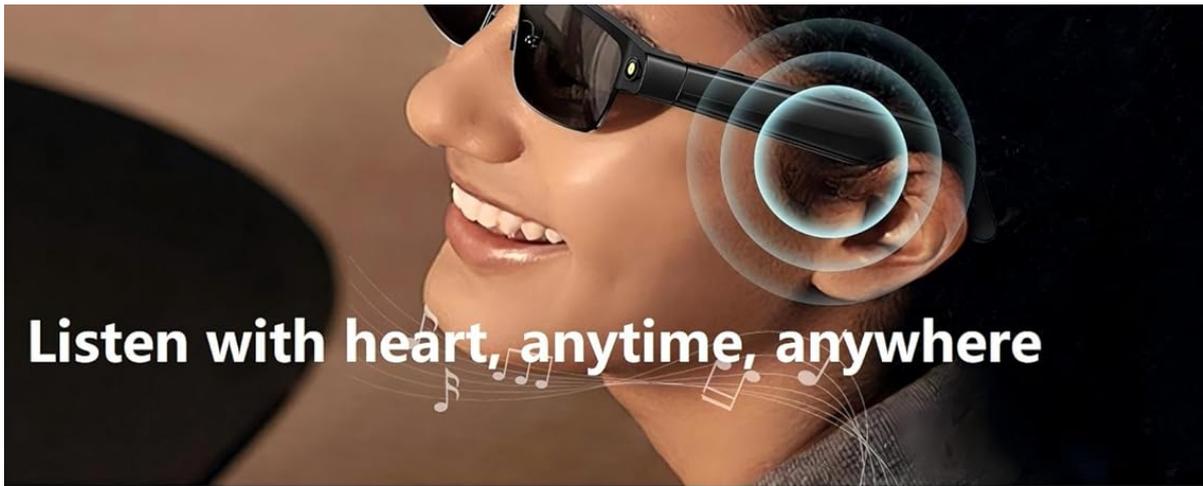
Image 4.4: AI visual recognition identifying landmarks and providing information.

4.3. Open-Ear Audio and Bluetooth Calls

The open-ear audio system allows you to listen to music or take calls while remaining aware of your surroundings.

- **Music Playback:** Once paired with your smartphone, audio will stream directly to the glasses. Use the touch controls on the temple arm or voice commands to play, pause, skip tracks, and adjust volume.
- **Answering/Ending Calls:** When a call comes in, press the designated button on the temple arm (or use a voice command) to answer. Press again to end the call.

- **Rejecting Calls:** Press and hold the designated button (or use a voice command) to reject an incoming call.
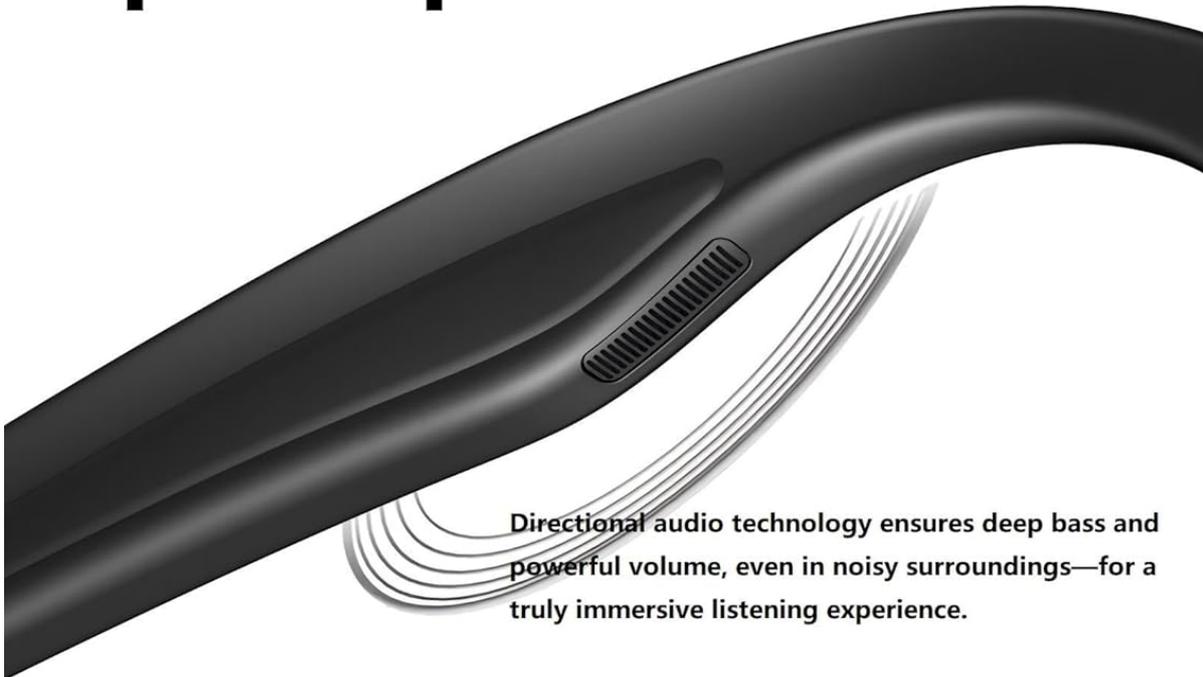

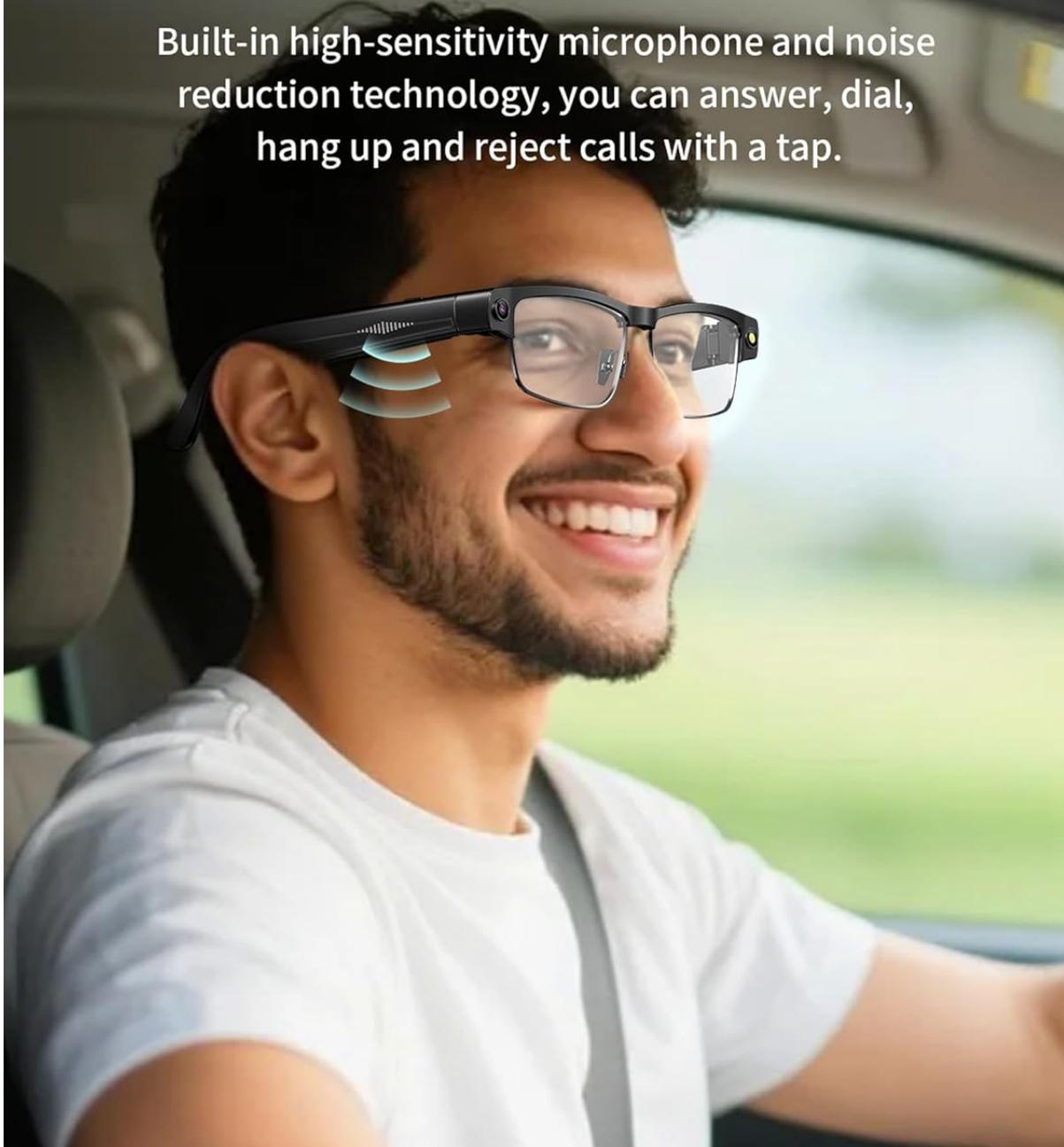Image 4.5: Open-ear speaker design for ambient awareness.

Image 4.6: Hands-free Bluetooth calling feature in use.

4.4. HeyCyan App Usage

The HeyCyan app serves as the central hub for managing your smart glasses.

- **Media Transfer:** Easily transfer photos and videos captured by the glasses to your smartphone.
- **Settings Customization:** Adjust camera settings, AI assistant preferences, language for translation, and audio profiles.
- **Firmware Updates:** Receive and install firmware updates for improved performance and new features.

- **Transcription:** Access auto-transcribed recordings of meetings or lectures.

Your browser does not support the video tag.

Video 4.7: Overview of CNBRO AI Smart Glasses features, including app integration and media transfer.

5. MAINTENANCE

- **Cleaning:** Use a soft, lint-free cloth to clean the lenses and frame. Avoid abrasive materials or harsh chemicals.
- **Storage:** Store the glasses in their protective case when not in use to prevent scratches and damage.
- **Water Resistance:** The glasses are designed for everyday use but are not fully waterproof. Avoid submerging them in water or exposing them to heavy rain.
- **Temperature:** Avoid exposing the glasses to extreme temperatures (hot or cold) to prevent damage to the battery and electronic components.

6. TROUBLESHOOTING

Issue	Possible Cause	Solution
Glasses do not power on	Low battery; Device malfunction	Charge the glasses fully. If issue persists, contact support.
Unable to pair with smartphone	Bluetooth off; Glasses not in pairing mode; App issue	Ensure Bluetooth is on. Restart glasses and phone. Reinstall HeyCyan app.
Poor audio quality	Low volume; Environmental noise; Bluetooth interference	Adjust volume. Move away from noisy environments. Ensure no obstructions between glasses and phone.
Camera not recording/taking photos	Insufficient storage; Software glitch	Check available storage via app. Restart glasses.
AI features not responding	No internet connection; App not running; Software glitch	Ensure stable internet connection. Verify HeyCyan app is open and connected. Restart app and glasses.

7. SPECIFICATIONS

Feature	Detail
Model Number	US-X-L802blksungls
Camera	8MP HD, 1080P/30FPS Video Recording, EIS Stabilization, 105° Wide-Angle Lens
AI Features	Object Recognition, Real-Time Translation, Voice Assistant
Audio	Open-Ear Directional Speakers, Dual Noise-Canceling Microphones

Feature	Detail
Connectivity	Bluetooth 5.3, Wi-Fi (for media transfer)
Battery	270mAh Lithium Polymer, Magnetic Charging
Battery Life	Up to 4 hours music, 3 hours calls (approximate)
Operating System Compatibility	Android, iOS
Item Weight	7 ounces
Manufacturer	cnBro

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official CNBRO website. If you encounter any issues not covered in this manual, please contact CNBRO customer service for assistance. They are available to provide solutions and further guidance.

Related Documents - L802

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