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CoolJumper Q16 AI

CoolJumper Q16 AI Translation Earbuds User Manual

Model: Q16 AI
Brand: CoolJumper

1. Introduction

The CoolJumper Q16 AI Translation Earbuds are designed to facilitate seamless communication across language barriers and enhance your audio experience. These earbuds offer real-time translation in 144 languages and accents, integrate AI assistance, and provide high-definition audio for music and calls. Their open-ear design ensures comfort for extended wear while keeping you aware of your surroundings.



Figure 1: Break Language Barriers, Connect the World!

2. What's in the Box

Please check the package contents to ensure all items are present:

- 2 x Translation Earbuds
- 1 x Charging Case

- 1 x USB Charging Cable (Type-C)
- 1 x User Manual

3. Setup

3.1 Initial Charging

Before first use, fully charge the earbuds and the charging case. Connect the provided USB Type-C cable to the charging case and a power source. The LED indicators on the case will show the charging status. A full charge for the case takes approximately 1.5 hours.



Figure 2: Charging and Battery Life Overview

3.2 Wearing the Earbuds

The Q16 AI Translation Earbuds feature an open-ear design for comfortable and secure wear. Gently place the earbud over your ear, ensuring the speaker is positioned correctly near your ear canal without entering it. The soft silicone ear hooks provide a stable fit, ideal for various activities.

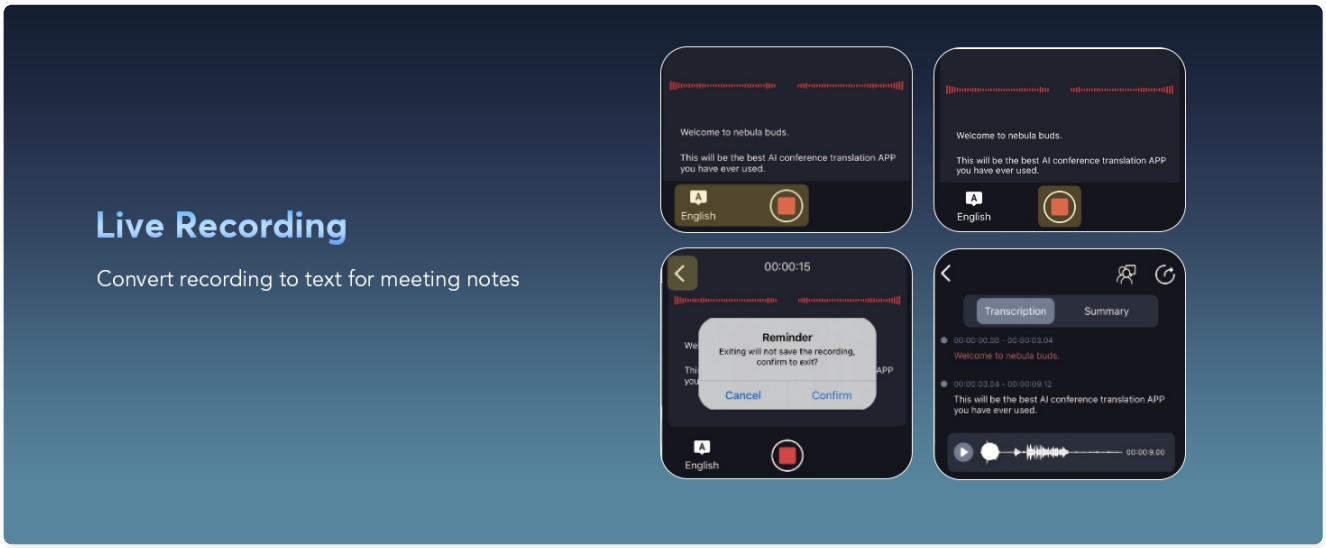


Figure 3: Proper Earbud Wearing Technique

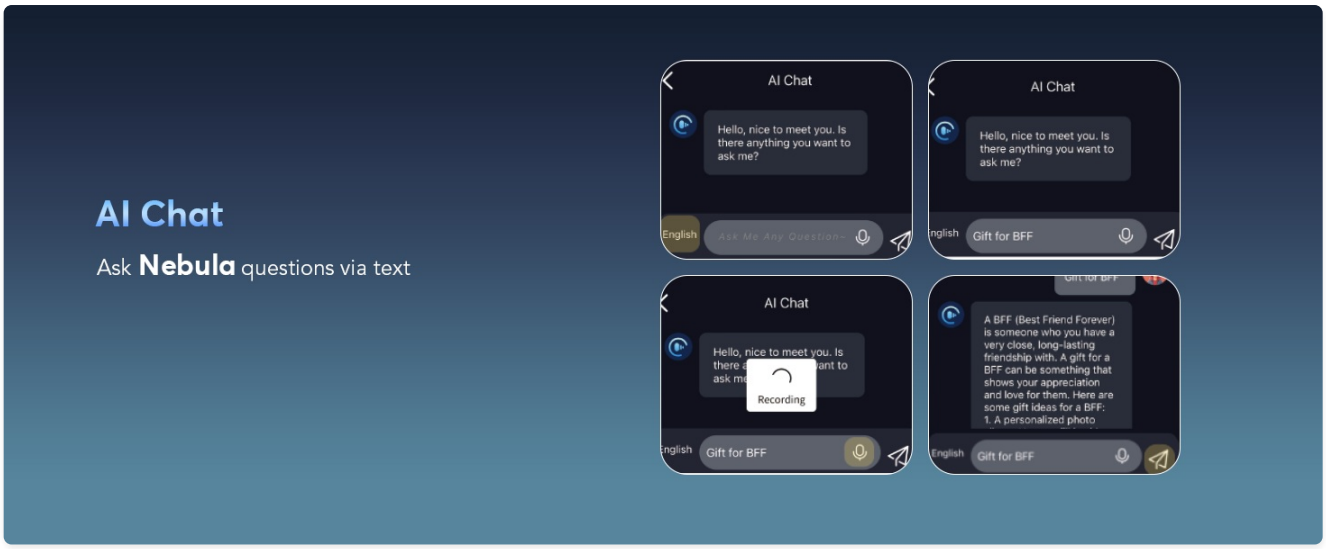


Figure 4: Open-Ear Design for Comfortable Wear

3.3 Connecting to Your Device

To use the translation and audio features, connect the earbuds to your smartphone or tablet via Bluetooth and install the dedicated app.

1. **Download the App:** Scan the QR code in the charging case or user manual to download the "NebulaBuds" app.
2. **Enable Bluetooth:** Turn on Bluetooth on your mobile device.
3. **Open the App:** Launch the "NebulaBuds" app. It will automatically prompt for necessary permissions. Grant them to proceed.
4. **Connect Earbuds:** The app will detect the Q16 AI earbuds. Select "YYK-Q16 AI" and confirm to establish the connection.

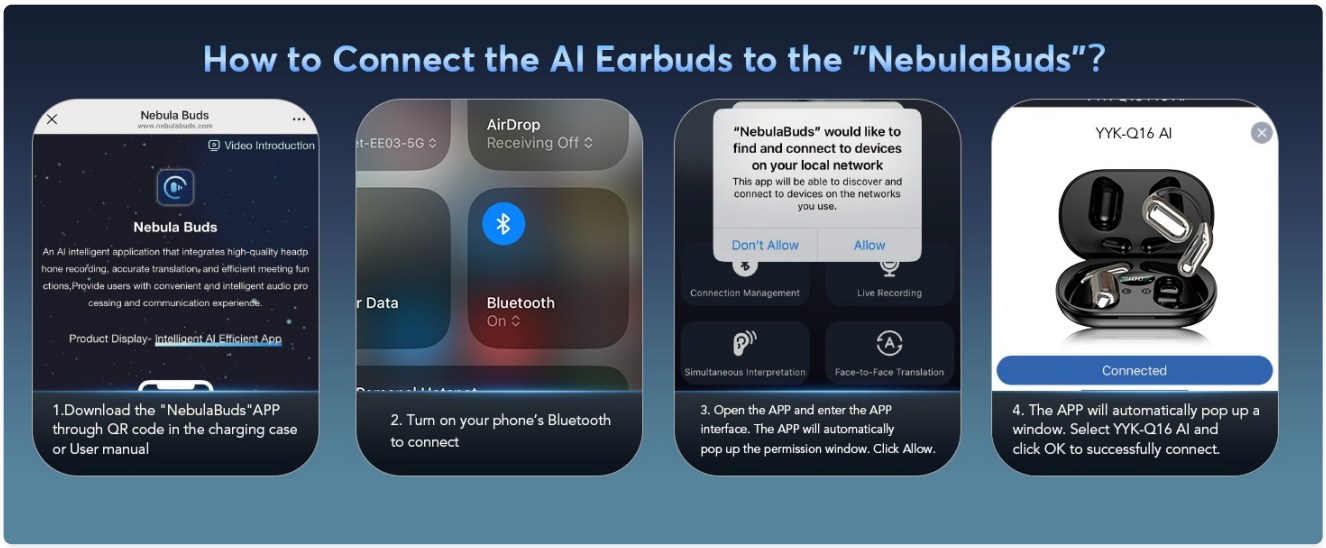


Figure 5: Connecting the Earbuds to the NebulaBuds App

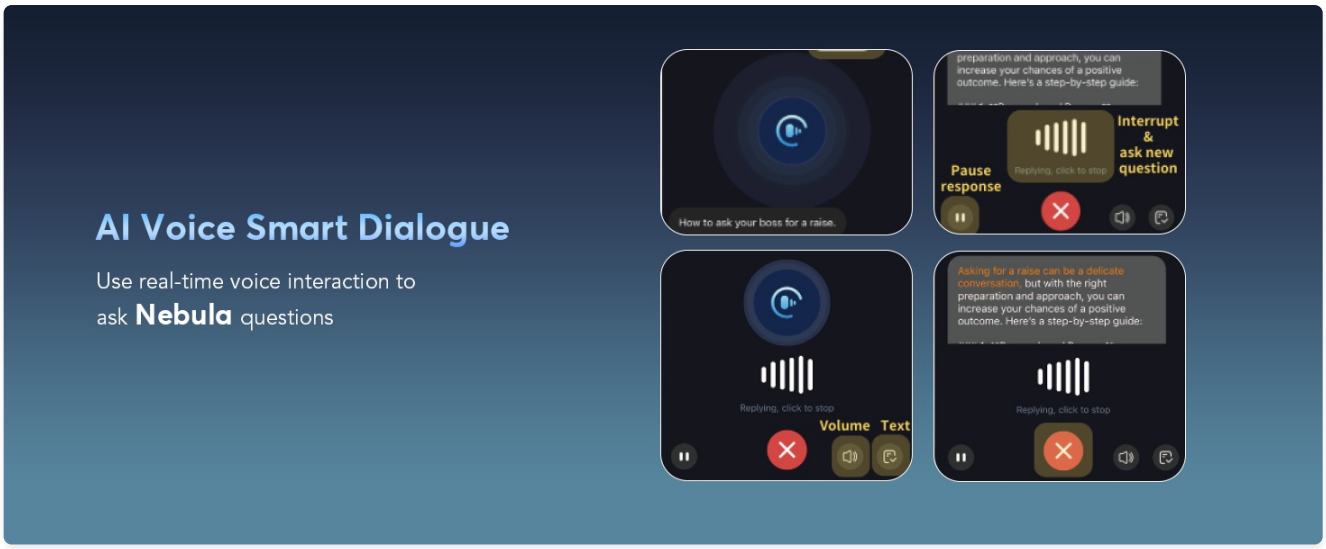


Figure 6: Bluetooth 5.4 Technology for Enhanced Connectivity

4. Operating Instructions

4.1 Power On/Off

- **Power On:** Open the charging case, and the earbuds will automatically power on.
- **Power Off:** Place the earbuds back into the charging case and close the lid. They will automatically power off and begin charging.

4.2 Music Playback and Phone Calls

The Q16 AI earbuds function as standard Bluetooth headphones, offering high-definition audio for music and clear sound for phone calls. They feature a 14.2mm dynamic driver and 4 high-precision microphones for excellent sound quality.

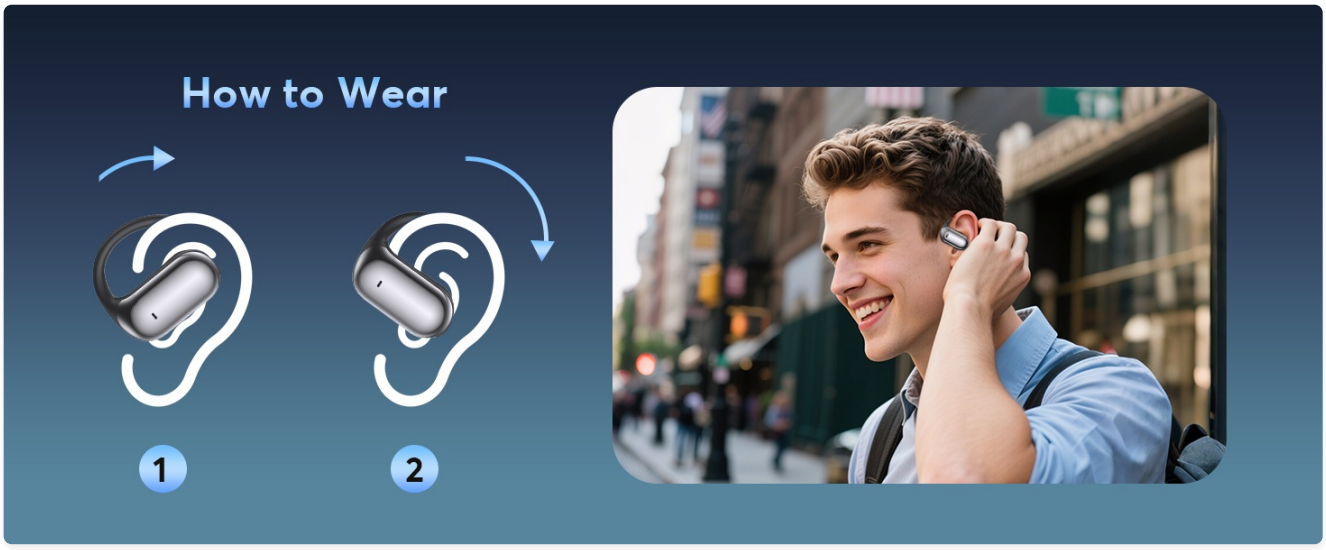


Figure 7: Audio Driver Technology

4.3 Translation Modes

The earbuds support real-time dual-way translation in 144 languages and accents through the "NebulaBuds" app.
Note: Some advanced translation features may require a subscription within the app.



Figure 8: Multi-Scenario Translation Modes

- **Real-Time Translation:** The app provides various innovative translation modes, including Free Talk Mode, Touch mode, Speaker Mode, Audio Transcription, and Photo Translation.



Figure 9: Real-Time Translation Interface

- **Simultaneous Interpretation:** Ideal for international conferences, this mode provides real-time voice translation.

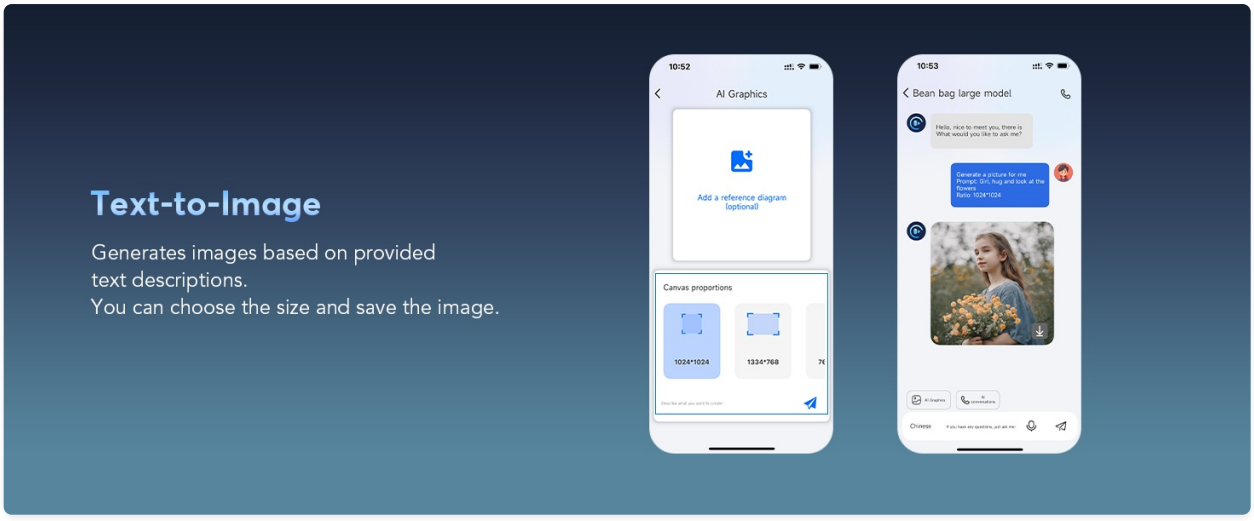


Figure 10: Simultaneous Interpretation for Conferences

- **Live Recording:** Convert spoken content into text for meeting notes or transcription. The app supports

summary and speaker identification for historical recordings.

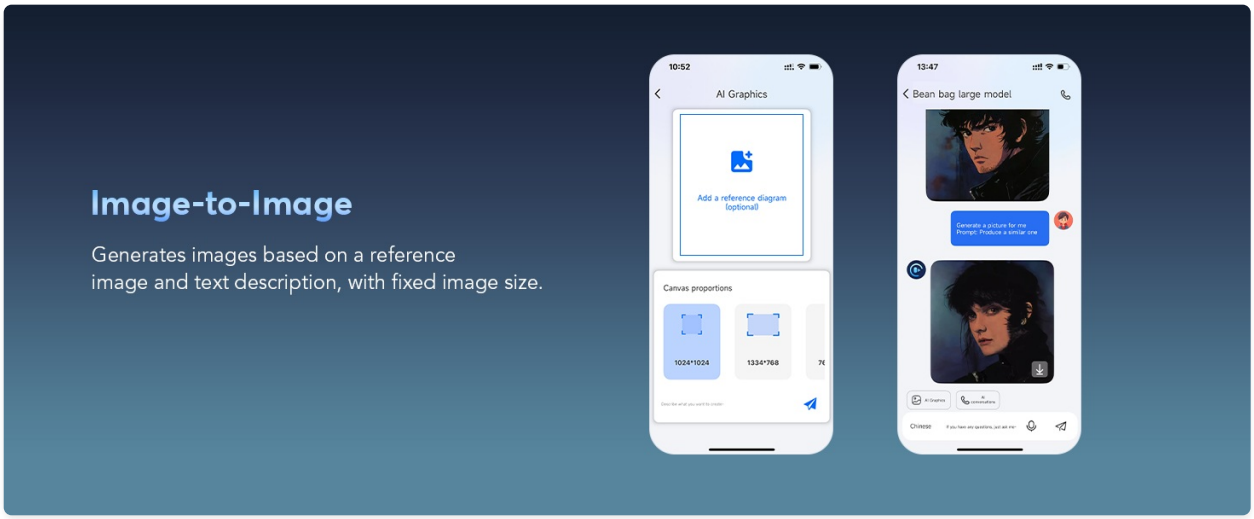


Figure 11: Live Recording and Transcription

- **Face-to-Face Translation:** Use with your mobile phone or in Dual-Ear Mode (sharing earbuds) for two-way translation during global negotiations or travel.

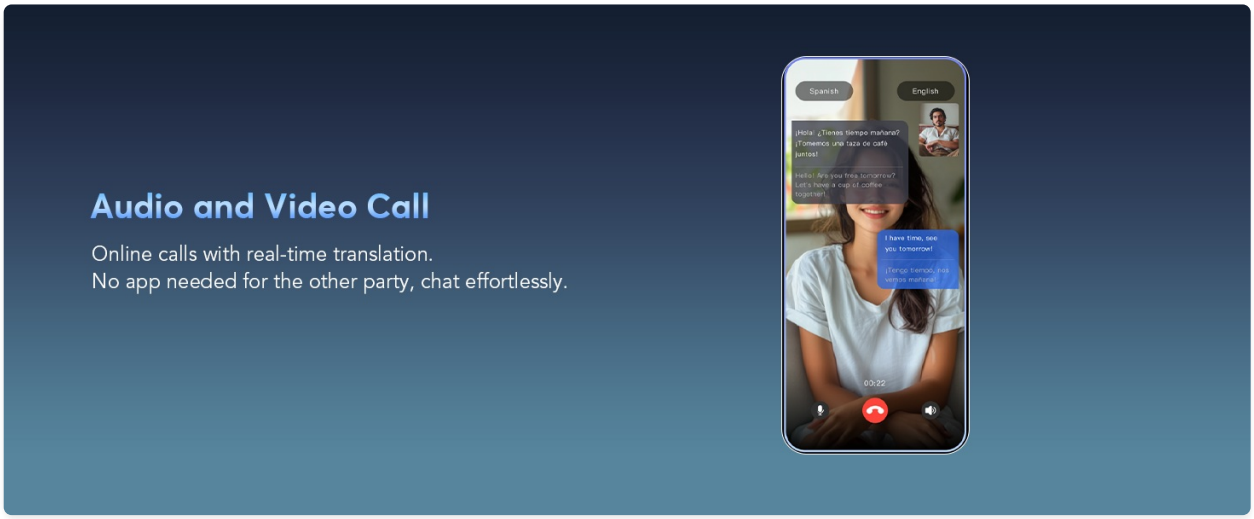


Figure 12: Face-to-Face Translation with Earphones and Mobile Phone

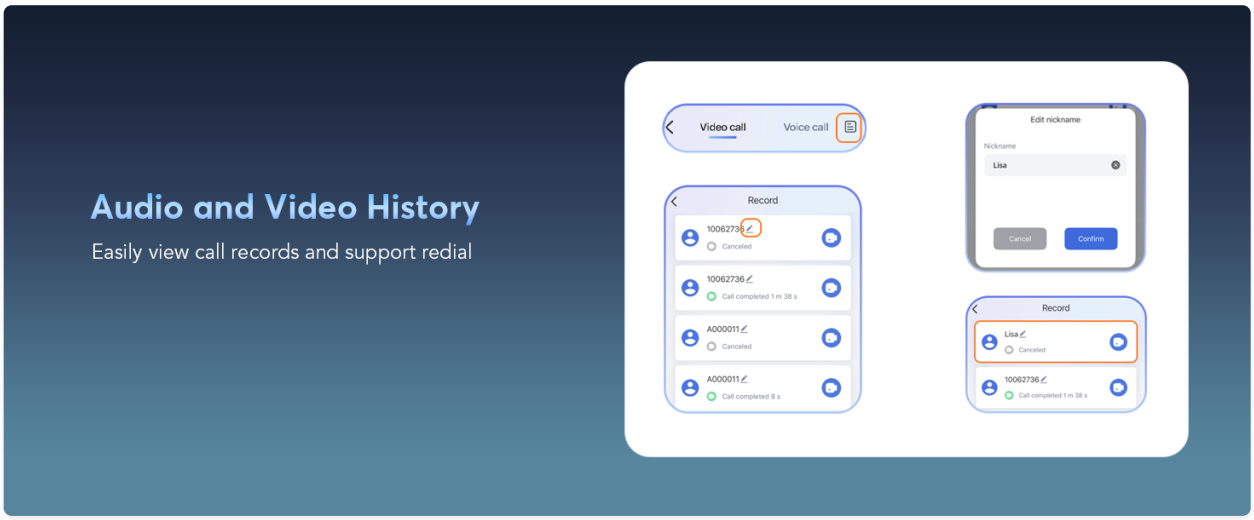


Figure 13: Face-to-Face Translation in Dual-Ear Mode

- **Video Call & Voice Call Translation:** Conduct online calls with real-time translation. The app generates an invitation link for seamless communication via a browser, eliminating the need for the other party to install the app. Call records and redial support are available.



Figure 14: Audio and Video Call Translation

4.4 AI Features

The "NebulaBuds" app includes advanced AI functionalities:

- **AI Assistant:** Access over 200 AI small applications for various tasks, such as one-click writing or generating outlines.

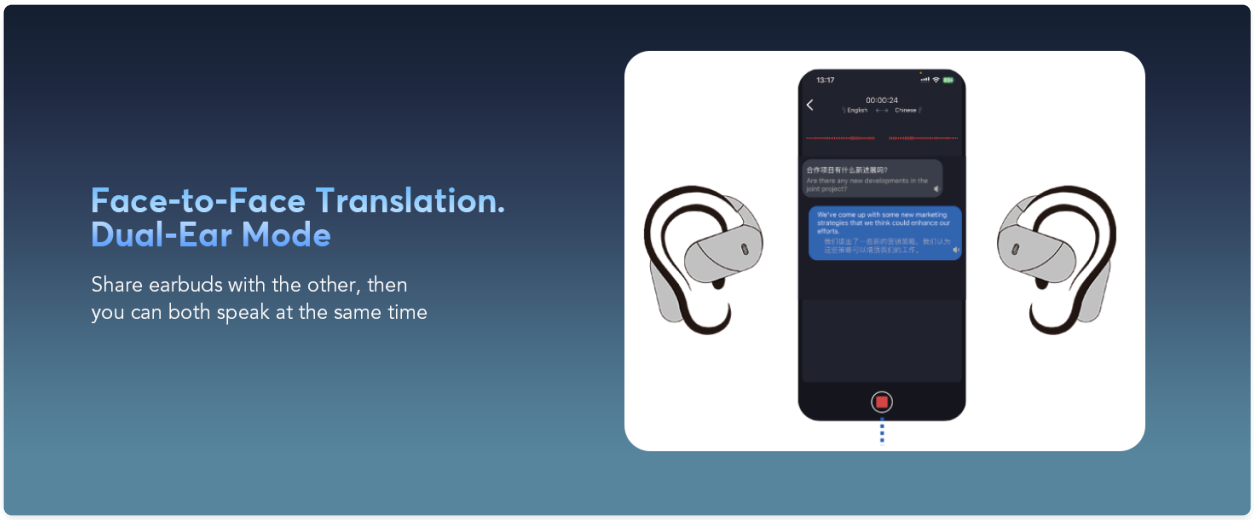


Figure 15: AI Assistant Interface

- **AI Chat:** Interact with the AI (Nebula) via text or real-time voice for questions and information.

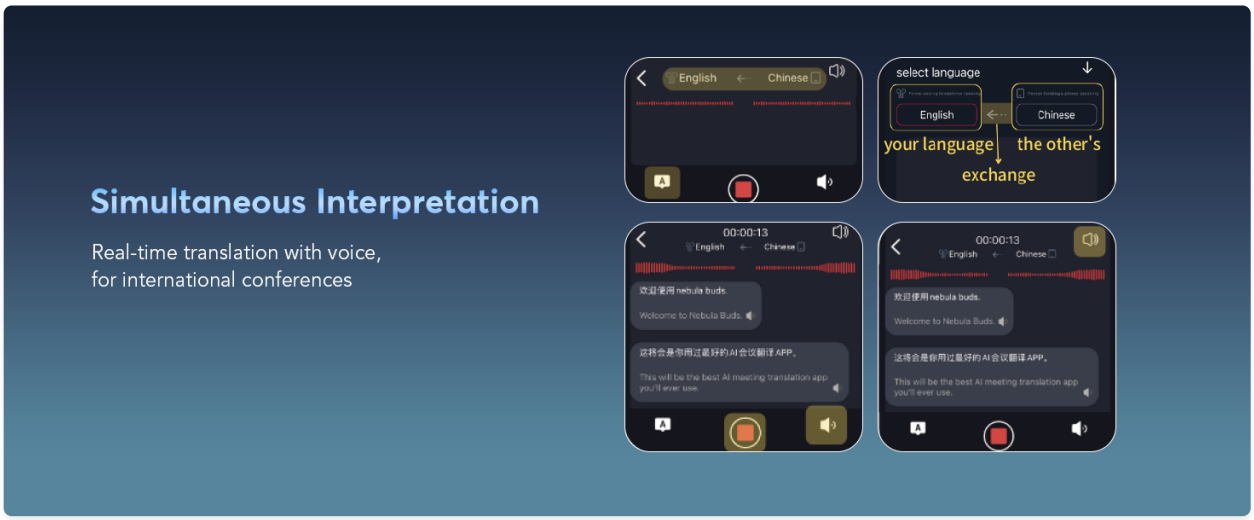


Figure 16: AI Chat Functionality

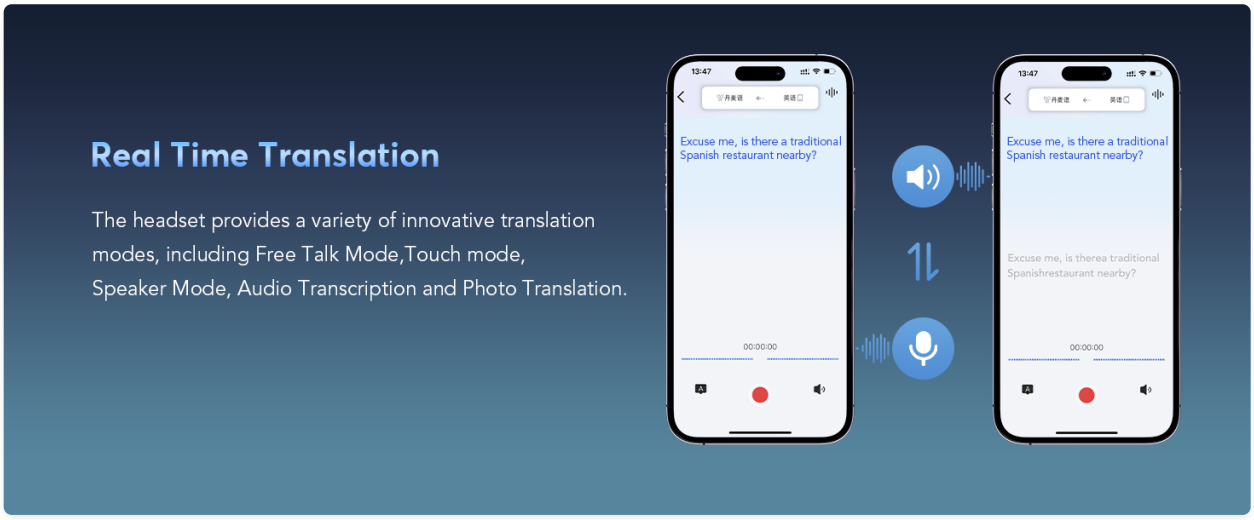


Figure 17: AI Voice Smart Dialogue

- **AI Image Generation:** Create images from text descriptions (Text-to-Image) or generate images based on a reference image and text description (Image-to-Image).



Figure 18: Text-to-Image Generation

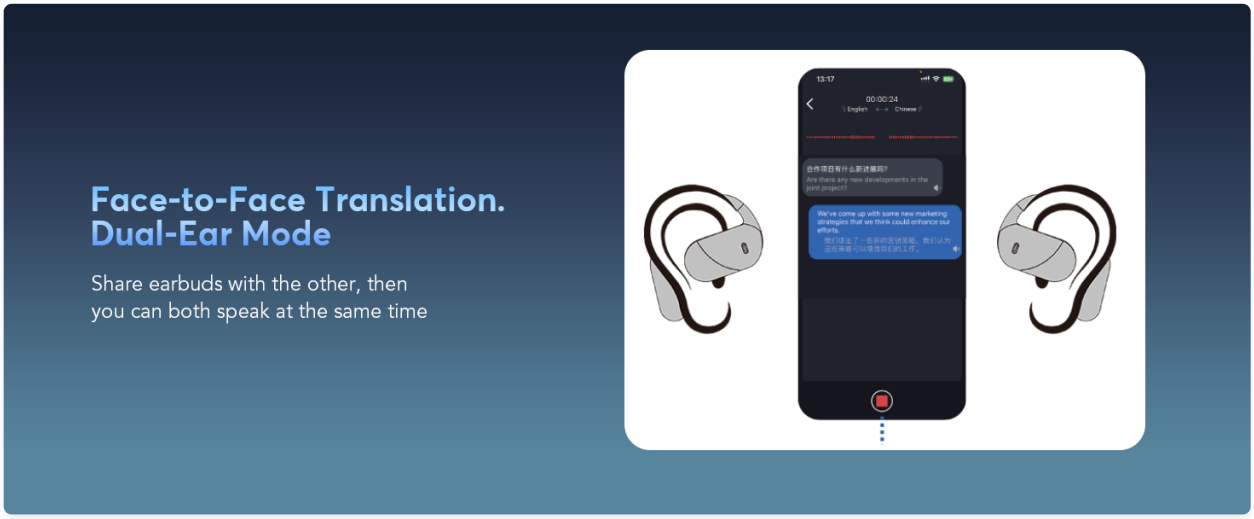


Figure 19: Image-to-Image Generation

4.5 Touch Controls

The earbuds feature touch controls for managing music playback, calls, and activating AI features. Refer to the in-

app guide or the quick start guide for specific touch gestures.

5. Maintenance

Proper maintenance ensures the longevity and optimal performance of your earbuds.

- **Cleaning:** Regularly wipe the earbuds and charging case with a soft, dry, lint-free cloth. Avoid using harsh chemicals or abrasive materials.
- **Water Resistance:** The earbuds are IPX7 waterproof, meaning they can withstand immersion in water up to 1 meter for 30 minutes. However, the charging case is not waterproof. Do not expose the charging case to liquids. Ensure earbuds are dry before placing them back in the case.

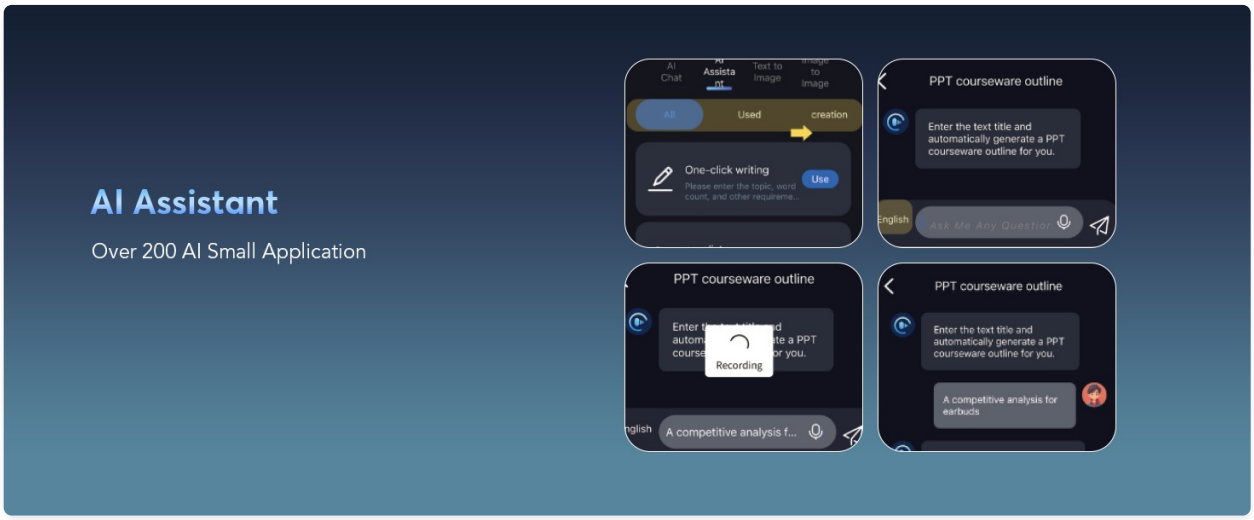


Figure 20: Open-Ear Comfort and IPX7 Water Resistance

- **Storage:** Store the earbuds in their charging case when not in use to protect them and keep them charged. Avoid extreme temperatures.

6. Troubleshooting

If you encounter issues with your CoolJumper Q16 AI Translation Earbuds, refer to the following common solutions:

- **Earbuds Not Connecting to Device:**
  - Ensure Bluetooth is enabled on your device.
  - Make sure the earbuds are charged and out of the charging case.
  - Restart your device and the earbuds (by placing them back in the case and taking them out again).
  - Try unpairing and re-pairing the earbuds through your device's Bluetooth settings and the "NebulaBuds" app.
- **Translation Feature Not Working / Requires Subscription:**
  - The core translation functionality of the Q16 AI earbuds relies on the "NebulaBuds" app. While basic features may be available, some advanced translation modes and continuous usage may require an active subscription within the app. Please check the app's settings or information section for details on subscription requirements.
- **Earbuds Not Charging or Holding Charge:**
  - Ensure the charging cable is securely connected to both the case and the power source.
  - Verify that the charging case itself has power.
  - Clean the charging contacts on both the earbuds and the case with a dry cotton swab.
  - Ensure the earbuds are correctly seated in the charging case.
- **Poor Sound Quality:**

- Ensure the earbuds are properly positioned on your ears.
- Check the audio source (e.g., phone, tablet) for any issues.
- Clean any debris from the earbud speakers.
- Ensure the earbuds are fully charged.

7. Specifications

Feature	Specification
Model Name	Q16 AI
Connectivity Technology	Wireless (Bluetooth)
Bluetooth Version	5.4
Bluetooth Range	15 Meters
Audio Driver Type	Dynamic Driver (14.2mm)
Battery Life (Earbuds)	Up to 8 Hours (single playtime)
Total Playtime (with Case)	Up to 80 Hours
Charging Time	Approx. 1.5 Hours (case)
Water Resistance Level	IPX7 (earbuds only)
Control Method	Touch
Material	Polycarbonate (PC), Silicone
Item Weight	5.3 ounces
Special Features	Real-Time Language Translation, AI Assistant, AI Chat, AI Image Generation

8. Warranty and Support

For warranty information, technical support, or customer service inquiries, please refer to the contact details provided with your purchase or visit the official CoolJumper website. Keep your proof of purchase for warranty claims.

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