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## SoundAI SAI-SDA506

# SoundAI A3 Real-Time Translation Earbuds User Manual

Model: SAI-SDA506

## 1. INTRODUCTION

The SoundAI A3 Real-Time Translation Earbuds are designed to facilitate seamless communication across language barriers and enhance productivity through advanced AI features. These open-ear clip-on earbuds offer comfort, high-quality audio, and robust translation capabilities for various professional and personal uses.



The SoundAI A3 earbuds facilitate real-time translation and integrate into professional workflows.

## 2. WHAT'S IN THE BOX

Verify that all items are present in the package:

- SoundAI FairyClip A3 Earbuds
- Charging Case
- USB-C Cable

- User Manual

## What's in the Box

- FairyClip A3
- Type-C Cable
- Charging Case
- Manual



The SoundAI A3 package includes the earbuds, charging case, USB-C cable, and user manual.

## 3. PRODUCT OVERVIEW

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### 3.1 Design and Comfort

The SoundAI A3 earbuds feature an open-ear clip-on design, weighing under 5g for extended comfort. They utilize soft, flexible rubber loops and a 0.5mm fine memory titanium wire for a secure fit without irritation, suitable for all-day wear during work, jogging, or travel.



The SoundAI A3 earbuds in their charging case.

## Ultra-Lightweight Design

At 5 grams, the minimalist design of these interchangeable earbuds is virtually unnoticeable on your ears.



The ultra-lightweight design of the SoundAI A3 earbuds and charging case.

### 3.2 Audio Technology

Equipped with exclusively customized 15x10mm large star-orbit composite diaphragm speakers, the earbuds deliver rich, powerful sound. Advanced sound leakage prevention and a directional algorithm ensure clear audio quality and privacy, even in noisy environments. Bluetooth 5.4 provides seamless auto-connection.

# Orbital Driver Array: Detail-Revealing Transducer

**15X10** mm Stella-Track Diaphragm  
for Deep Immersion.



**3D** Holosonic Dome Algorithm  
for InEar Concert Hall.

**122dB** Max SPL  
Always Loud & Clear.

Internal view of the earbud showing the orbital driver array and diaphragm for immersive sound.

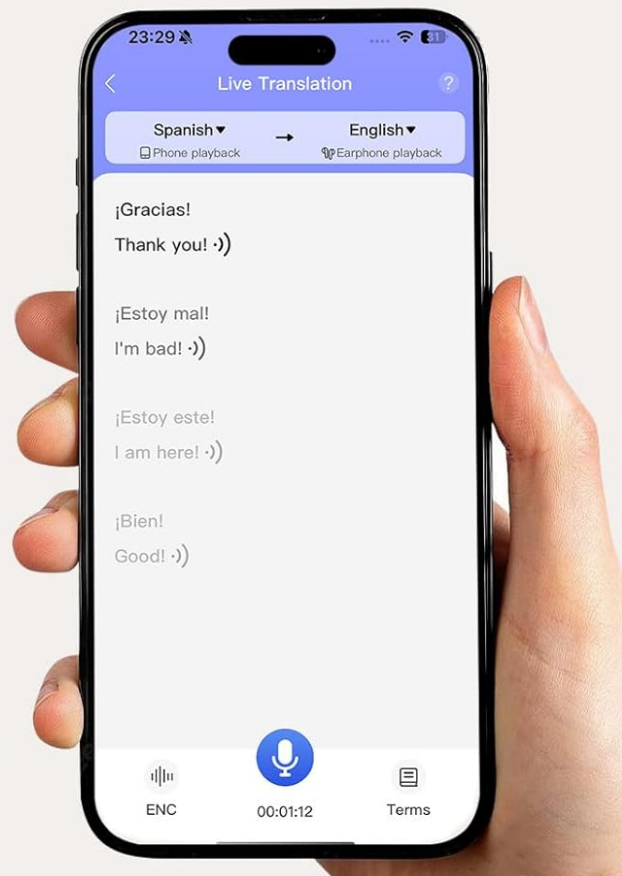
### 3.3 AI Translation and Smart Features

The A3 earbuds feature a powerful AI translator with up to 98% accuracy and real-time translation (0.3s in ideal conditions). They support over 66 languages and offer real-time transcription, concise summaries, visual note-taking, X-mind drawing, and group classification tagging for multi-person conversations. A built-in AI assistant provides professional assistance.

# Real time AI Translation



-  **66+ Languages**
-  **98% Accuracy**
-  **0.3s Resp Time**
-  **4 Preset Scenario**



The app interface demonstrates real-time AI translation capabilities across multiple languages.

## 4. SETUP

### 4.1 Charging the Earbuds and Case

Before first use, fully charge the earbuds and charging case. Connect the provided USB-C cable to the charging case and a power source. The charging case provides up to 32 hours of total power, with a full case recharge taking approximately 1.5 hours.

## Non-Stop Battery Life

4 hrs playtime per charge, 32 hrs all-day total playtime with charging case.



The charging case offers extended battery life and charges via USB-C.

### 4.2 App Download and Pairing

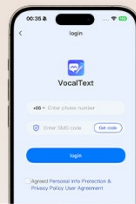
To utilize the full translation and AI features, download the companion app. Scan the QR code provided in the user manual or visit the official website to download the VocalText app. Follow the in-app instructions to sign up/log in and pair your earbuds via Bluetooth.

## Use Instructions

Note: We're upgrading the earphone's supporting app. You may receive either the old or new version both deliver great translation performance.



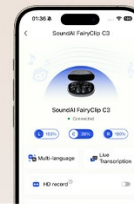
1. Download the App



2. Sign Up or Log in



3. Pair via Bluetooth



4. Explore the App

Follow these steps to download the app, sign in, pair, and begin using your earbuds.

Download the app here: <https://aplink.soundai.com/get-voicetext>

## 5. OPERATING INSTRUCTIONS






### 5.1 Basic Controls

The earbuds feature precise touch controls for various functions:

- **Play/Pause:** Double Press
- **Music/Game Mode:** Triple Press
- **Answer/End Call:** Double Press
- **Reject Call:** Press and Hold for 2 seconds
- **Next Track:** Right earbud, Press and Hold for 2 seconds
- **Previous Track:** Left earbud, Press and Hold for 2 seconds

## Precise Button Control

User-friendly virtual buttons, no accidental touches.

- |   |   |   |
|---|---|---|
|  Play/Pause<br>👉 x2 Double Press           |  Music<br>👉 x3 Triple Press                    |  Game<br>👉 x3 Triple Press |
|  Answer or End a Call<br>👉 x2 Double Press |  Reject a call<br>👉 2s- Press and Hold for 2s  |   |
|  Next Track<br>👉 x R Press and Hold for 2s |  Previous Track<br>👉 x L Press and Hold for 2s |   |



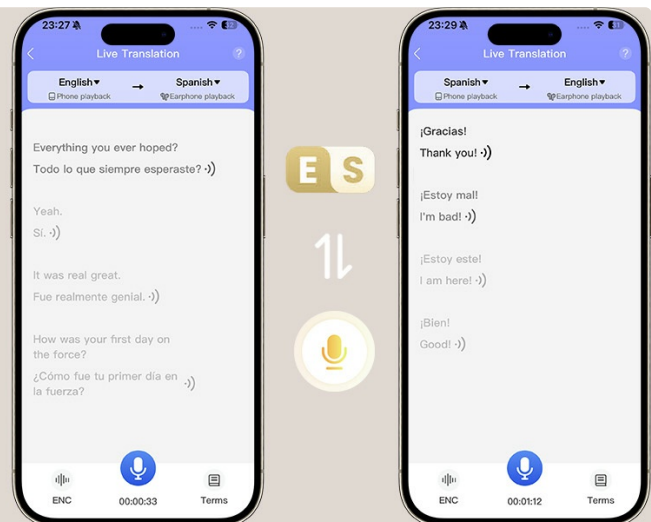
Touch control gestures for managing audio and calls.

## 5.2 Real-Time Translation

Once paired with the app, select your desired language pair for real-time translation. The earbuds will translate spoken words, allowing for natural conversations across different languages.

### Real-time Translation

Instant real-time translation during multilingual conversations in 98% accuracy.



The app provides instant real-time translation during multilingual conversations.

## Multiple Languages Translation

Travel·Work·Learn:  
Communicate Without Barriers



66+ Languages Support



The SoundAI A3 supports over 66 languages for translation.

## 5.3 Call Management and Noise Cancellation

The earbuds feature call noise cancellation for clear voice transmission. The Voice-Shielding AI algorithm focuses on your voice, reducing wind and background noise for seamless calls.

## Voice-Shielding AI for Clear Calls

Powered by an advanced DNN algorithm trained on millions of G-Net conversation models, the intelligent surround voice pickup system adaptively focuses on your voice—shielding it from wind and background noise for seamless calls.



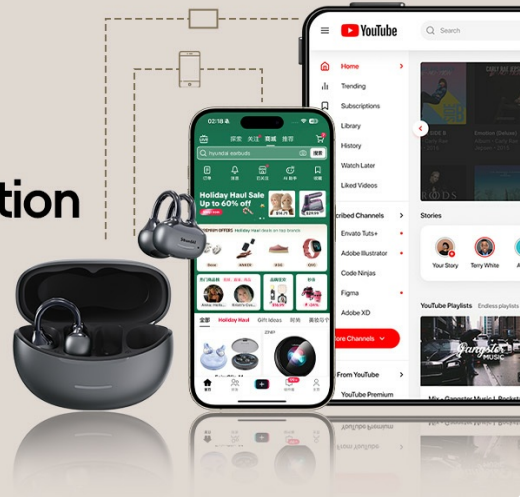
Voice-Shielding AI ensures clear calls by minimizing background noise.

## 5.4 Dual-Device Connection

The SoundAI A3 supports seamless dual-device connection, allowing instant audio switching between two paired devices. This feature prioritizes calls for uninterrupted workflow and entertainment.

## Seamless Dual-Device Connection

Enables instant audio switching between two paired devices, prioritizing calls for uninterrupted workflow and entertainment.



Seamlessly switch audio between two paired devices.

## 5.5 Multimodal Capture

Use your earbuds as a voice recorder for meetings and noisy settings. The multimodal capture feature ensures every word is recorded clearly for easy review and transcription later.

## Multimodal capture drives real-time human-AI alignment

Use your earbuds as a voice recorder for meetings and noisy settings. Capture every word clearly for easy review later.



Record conversations clearly for later review and transcription.

## 6. MAINTENANCE

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### 6.1 Cleaning

Regularly clean your earbuds and charging case with a soft, dry cloth. Avoid using abrasive materials or harsh chemicals. Ensure the charging contacts on both the earbuds and case are free from dust and debris.

### 6.2 Water Resistance

The SoundAI A3 earbuds have an IPX4 waterproof rating, making them resistant to splashes and sweat. They are suitable for sports and light rain. However, they are not designed for submersion in water. Avoid exposing them to heavy rain or swimming.

## IPX4 Water Resistance Sport As YouWant

Sweating it out during a workout or caught in a sudden drizzle? FairyClip A3 keeps you going strong.



The IPX4 rating provides resistance against sweat and splashes.

## 7. TROUBLESHOOTING

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If you encounter issues with your SoundAI A3 earbuds, please refer to the following common solutions:

- **No Sound:** Ensure earbuds are charged and properly paired. Check volume levels on both the earbuds and your connected device.
- **Pairing Issues:** Make sure Bluetooth is enabled on your device and the earbuds are in pairing mode. Try unpairing and re-pairing the earbuds.
- **Translation Inaccuracy:** Ensure a stable internet connection for optimal translation performance. Verify correct language selection in the app.
- **Charging Problems:** Check the USB-C cable and charging port for damage. Ensure the charging contacts on the earbuds and case are clean.
- **Unresponsive Controls:** Clean the touch control area on the earbuds. Restart the connected device and re-pair the earbuds.

For further assistance, please contact SoundAI customer support.

## 8. SPECIFICATIONS

Feature	Specification
Model Name	FairyClipA3
Item Model Number	SAI-SDA506
Connectivity Technology	Wireless (Bluetooth 5.4)
Ear Placement	Open Ear
Noise Control	Active Noise Cancellation
Battery Life	Up to 8 hours (single use), 32 hours (with charging case)
Charging Time (Case)	1.5 hours
Water Resistance Level	IPX4 (Waterproof)
Control Type	Touch Control, App
Item Weight	8.8 ounces
Product Dimensions	0.1 x 0.1 x 0.1 inches
Material	Plastic
Supported Languages	66+ (via app)

## 9. OFFICIAL PRODUCT VIDEO

Your browser does not support the video tag.

This video provides an introduction and guide to the SoundAI A3 Translation Earbuds, demonstrating their features and usage.

## 10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included in your product package or visit the official SoundAI website. Keep your proof of purchase for any warranty claims.