

peiko Trbox (Model B0CT5MXVWR)

Peiko Trbox Language Translator Device

USER MANUAL

Model: Trbox (B0CT5MXVWR)

1. Introduction

Welcome to the user manual for your Peiko Trbox Language Translator Device. This device is designed to facilitate seamless communication across language barriers, offering real-time and offline translation capabilities. With support for 75 languages and 136 accents, the Trbox is an essential tool for travel, business, and learning. This manual provides detailed instructions on setting up, operating, and maintaining your device to ensure optimal performance.

2. Product Overview

2.1 Device Components

The Peiko Trbox is a compact and lightweight device, weighing only 47g. It features intuitive controls for easy operation.

- Speaker:** Located at the top, for audio output of translated speech.
- Microphone:** Integrated for capturing your voice.
- Voice Feedback Light:** An indicator light that shows when the device is operational and processing voice input.
- Control Buttons:** Centralized buttons for initiating translation (Me button for your speech, Microphone button for the other person's speech).
- Charging Port:** USB-C port for charging the device.



Figure 2.1: Front and Back View of the Peiko Trbox

This image displays the sleek design of the Peiko Trbox, showing both the front with its control buttons and speaker, and the back panel.

1



Download the Byteengine Translator APP

2



Pair the Trbox

3

Open the Byteengine Transaltor APP and wait for the automatic connection.



4

Select the translation mode

5

Run the APP in the background of the phone, put away the phone, and pick up the peiko trbox translator



Figure 2.2: Voice Feedback Light

This image highlights the voice feedback light on the device, which indicates when the translator is actively processing speech, allowing users to confirm operation and voice quality.

2.2 Key Features

- **Extensive Language Support:** Supports 75 languages and 136 accents with up to 98% accuracy.
- **Offline Translation:** Provides offline translation for 10 languages: English, Spanish, French, Italian, German, Chinese, Korean, Portuguese, Arabic, and Japanese.
- **Long Battery Life:** Offers up to 24 hours of continuous translation work and 55 hours of standby time.
- **Multiple Translation Modes:** Features Voice Translation for face-to-face communication and Group Chat Mode supporting up to 99 participants.
- **Seamless App Integration:** Pairs with the exclusive Byteengine Translator APP, allowing the device to function independently once the app runs in the background on your phone.



Figure 2.3: Language Support Overview

This image visually represents the extensive language support of the Peiko Trbox, showing the device surrounded by numerous language bubbles.

Real Time Translation Device

for 136+ Languages

98%

Accuracy

0.2s
Response

こんにちは!

hola!

Hello!



Figure 2.4: Real-Time Translation Performance

This image highlights the high accuracy (98%) and rapid response time (0.2s) of the Peiko Trbox for real-time translation.

Off-Line Translator



Figure 2.5: Offline Translation Languages

This image illustrates the 10 languages supported for offline translation by the Peiko Trbox, indicating its utility even without an internet connection.



ULTRA BATTERY LIFE

Use Time

24 hours



Standby Time

55 hours

24

Figure 2.6: Ultra Battery Life

This image displays the impressive battery life of the Peiko Trbox, showing 24 hours of use time and 55 hours of standby time.

3. Setup

To begin using your Peiko Trbox, follow these steps to pair it with your mobile phone and the Byteengine Translator APP.

- 1. Download the Byteengine Translator APP:** Search for "Byteengine Translator" in your mobile phone's app store and install it.
- 2. Pair the Trbox:** Ensure Bluetooth is enabled on your phone. Turn on your Trbox device. The app will guide you through the pairing process.
- 3. Open the Byteengine Translator APP:** Launch the app. It should automatically connect to your paired Trbox device.
- 4. Select Translation Mode:** Within the app, choose your desired translation mode (e.g., Voice Translation, Group Chat Mode) and select the languages for translation.

5. **Run APP in Background:** Once connected and configured, you can run the Byteengine Translator APP in the background. The Trbox device can then be used independently without further interaction with your phone's screen.

Voice feedback light



This design allows you to easily determine whether the PEIKO translator is operational. By observing the light, you can assess the quality of the translated voice.

Figure 3.1: Quick Setup Guide

This image provides a visual step-by-step guide for setting up the Peiko Trbox, from downloading the app to initiating translation.

Video 3.1: Peiko Trbox Setup and Operation

This official video demonstrates the initial setup process of the Peiko Trbox, including pairing with the app, and provides a brief overview of its operational features for translation.

4. Operating Instructions

4.1 Voice Translation (Two-Way)

For face-to-face conversations, the Trbox offers a simple two-way translation method:

1. **Your Speech:** Press and hold the "Me" button on the Trbox. Speak clearly into the device. Release the button when you finish speaking. The device will translate your speech into the selected target language and play it through the speaker.

2. **Other Person's Speech:** Ask the other person to speak. Press and hold the "Microphone" button on the Trbox. The device will capture their speech, translate it into your native language, and play it through the speaker. Release the button when they finish speaking.



Figure 4.1: Translation Modes

This image illustrates the two primary translation modes of the Peiko Trbox: Voice Translation for direct conversations and Group Translation for multi-participant communication.

4.2 Group Chat Mode

If multiple users have a Trbox device, the Group Chat Mode allows for effortless communication among up to 99 participants. This mode is managed through the Byteengine Translator APP. Refer to the app's interface for specific instructions on creating and joining group chats.

4.3 Offline Translation

The Trbox supports offline translation for 10 specific languages. Ensure these language packs are downloaded via the Byteengine Translator APP when you have an internet connection. Once downloaded, the device will automatically switch to offline translation when no internet connection is available for the supported languages.

5. Maintenance

Proper care and maintenance will extend the life of your Peiko Trbox device.

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or aerosols.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To preserve battery life, avoid fully discharging the device frequently. Charge the device regularly, especially if it will not be used for an extended period.
- **Avoid Water:** The device is not waterproof. Keep it away from water and high humidity.

6. Troubleshooting

If you encounter issues with your Peiko Trbox, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not connecting to APP	Bluetooth is off; APP not running; Device not charged.	Ensure Bluetooth is on. Open the Byteengine Translator APP. Charge the device. Restart both device and phone.
Translation is inaccurate or slow	Poor internet connection; Background noise; Unclear speech.	Ensure stable internet connection. Speak clearly and at a moderate pace. Reduce background noise.
No audio output	Volume too low; Device speaker issue.	Increase device volume. Test with another audio source if possible.
Device not turning on	Battery is depleted.	Connect the device to a power source and charge it for at least 30 minutes before attempting to turn it on.

If the problem persists after trying these solutions, please contact Peiko customer support for further assistance.

7. Specifications

Feature	Detail
Model	Trbox (B0CT5MXVWR)
Dimensions	5.63 x 2.83 x 1.46 inches (Package)
Item Weight	3.84 ounces (approx. 47g)
Battery	1 Lithium Polymer battery (included)
Use Time	Up to 24 hours (continuous translation)
Standby Time	Up to 55 hours

Feature	Detail
Languages Supported	75 Languages, 136 Accents
Offline Languages	10 (English, Spanish, French, Italian, German, Chinese, Korean, Portuguese, Arabic, Japanese)
Manufacturer	PeiKo Science and Technology Co.Ltd
First Available	January 24, 2024



Figure 7.1: Device Dimensions

This image provides the precise dimensions of the Peiko Trbox in both centimeters and inches, along with its weight.

8. What's in the Box

The Peiko Trbox package includes:

- Language Translator Device (Peiko Trbox)

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