LIGHTHOUSE TECH — OFFICIAL DOCUMENTATION

TAMI Guide

User Manual — TAMI® Smart Glasses

Version 1.1 (app 2.1.0) **Last updated** November 2026

Platform iOS & Android

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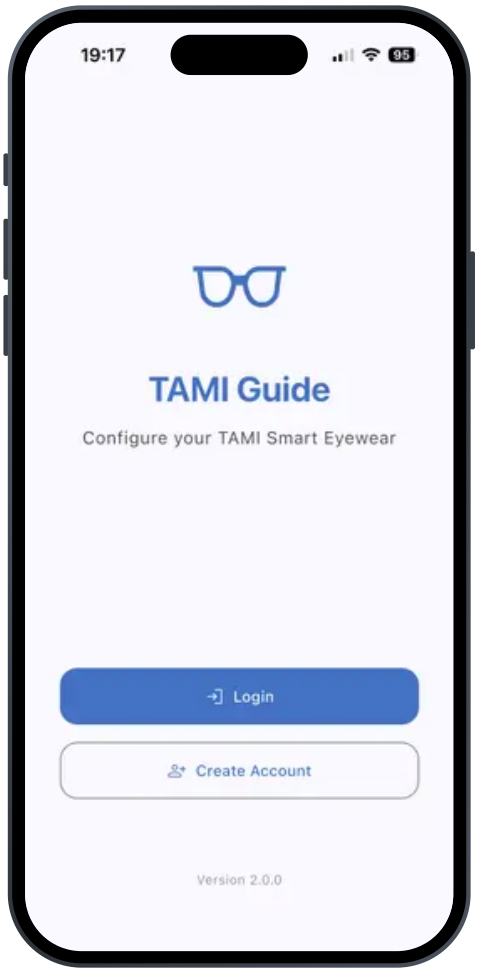
Getting Started

Welcome to TAMI® — your assistive mobility eyewear. This manual will guide you through setup, configuration, and daily use of your device and the companion app.



What You'll Need

- TAMI® smart glasses
- A smartphone with iOS or Android
- Bluetooth connectivity enabled
- Internet connection for initial app download

> Tip: Keep your TAMI® glasses charged before beginning setup. A full charge takes approximately 4–5 hours and provides up to 5 hours of continuous use.

Before You Begin

1. Charge your TAMI® glasses fully using the included magnetic charging cable.
2. Ensure Bluetooth is enabled on your phone.

App Installation

The Tami Guide app is available on both iOS and Android platforms. Download and install it to manage your glasses remotely.

iOS

1. Open the App Store.
2. Search for "Tami Guide".

Android

1. Open Google Play Store.
2. Search for "Tami Guide".

3. Tap Get, then authenticate with Face ID, Touch ID, or your Apple ID.
4. Once installation completes, tap Open.

Scan to download

3. Tap Install.
4. Grant any requested permissions, then tap Open once installation is complete.

Scan to download

Introduction

The Tami Guide app allows you to configure and manage your TAMI® smart glasses via Bluetooth Low Energy (BLE). Through the app you can:

- Pair and connect to your TAMI® smart glasses
- Adjust vibration feedback intensity and behavior
- Configure detection range
- Update device firmware wirelessly (OTA)
- Locate your glasses using the Find My Glasses feature
- Mute the vibration of a single arm
- Receive firmware update notifications and monthly newsletter via the in-app Inbox

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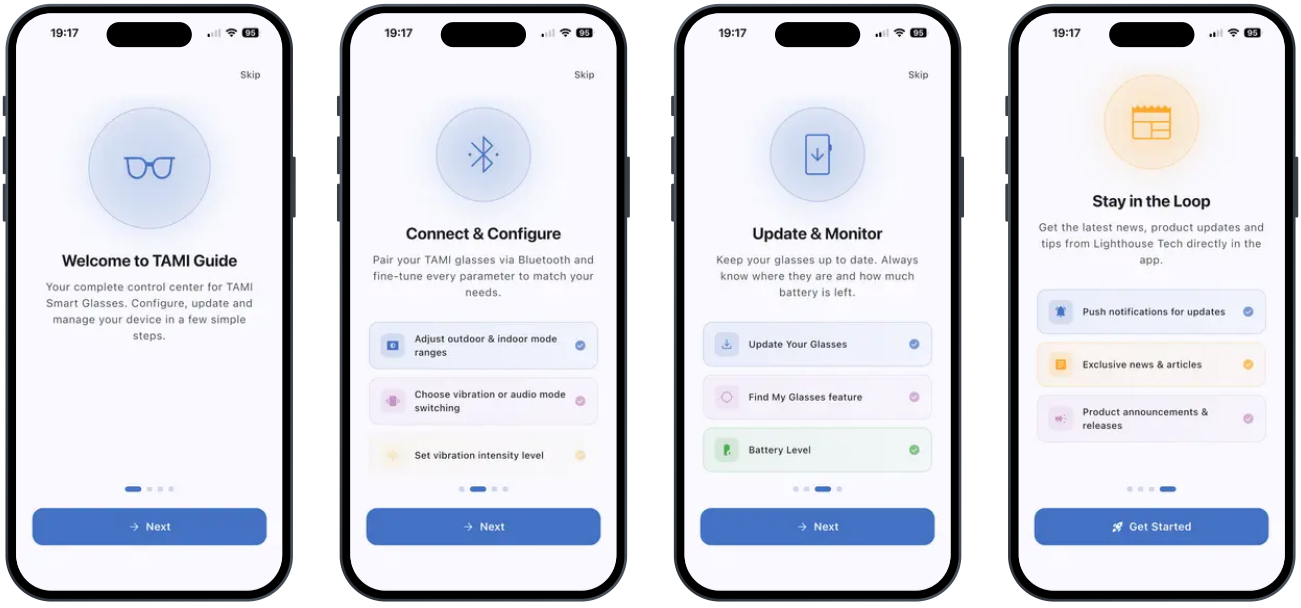
Onboarding & Setup

4.1 First Launch & Onboarding

When you open the app for the first time, a 4-step onboarding tutorial introduces the main features.

Slide	Content
1 · Welcome	Welcome — introduction to the Tami Guide
2 · Connect	Connect — pairing, indoor/outdoor modes, vibration and audio feedback
3 · Manage	Manage — OTA updates, Find My Glasses, battery monitoring
4 · Stay updated	Stay updated — firmware update notifications and monthly newsletter

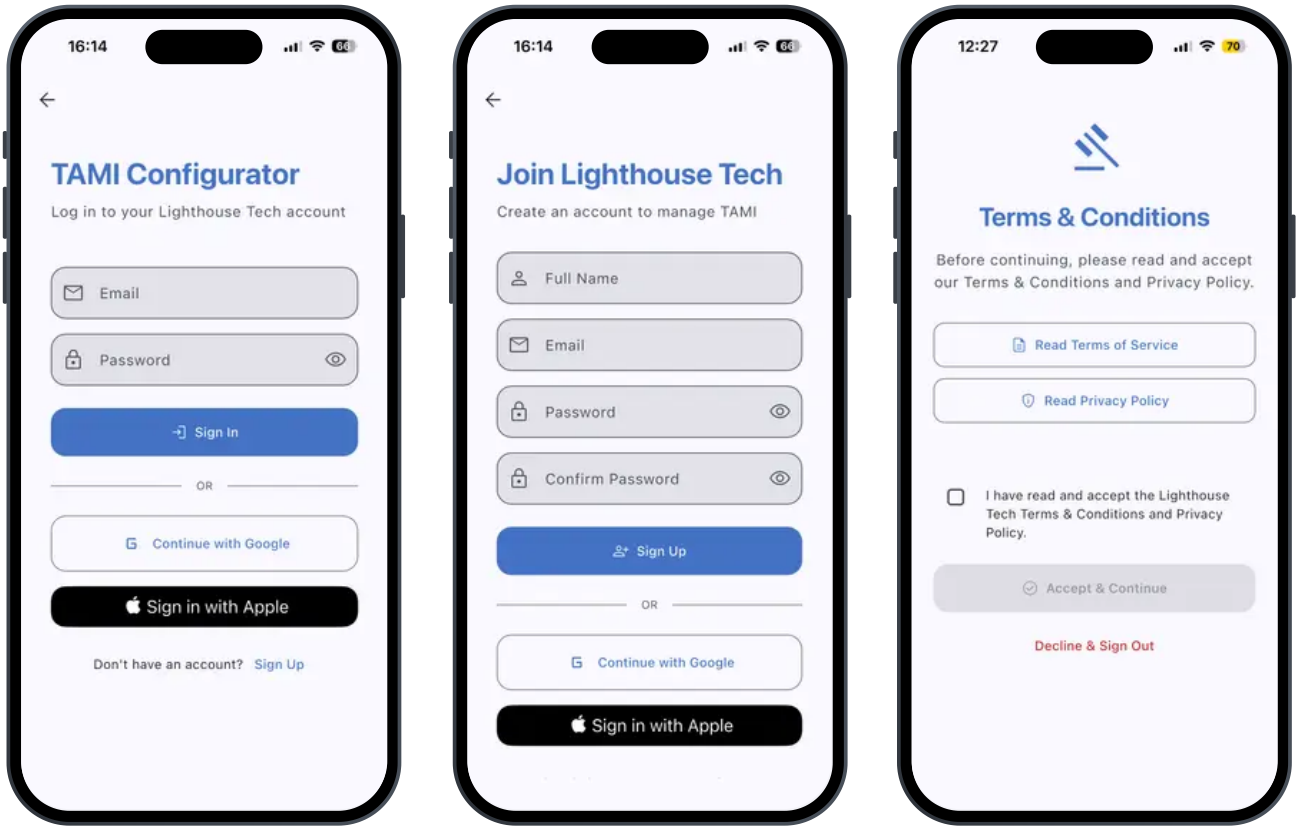


4.2 Account Registration & Login

1. Tap Register to create a new account, or Login if you already have one.

2. Enter your email address and password.

3. After successful authentication you will be taken to the main Home screen.



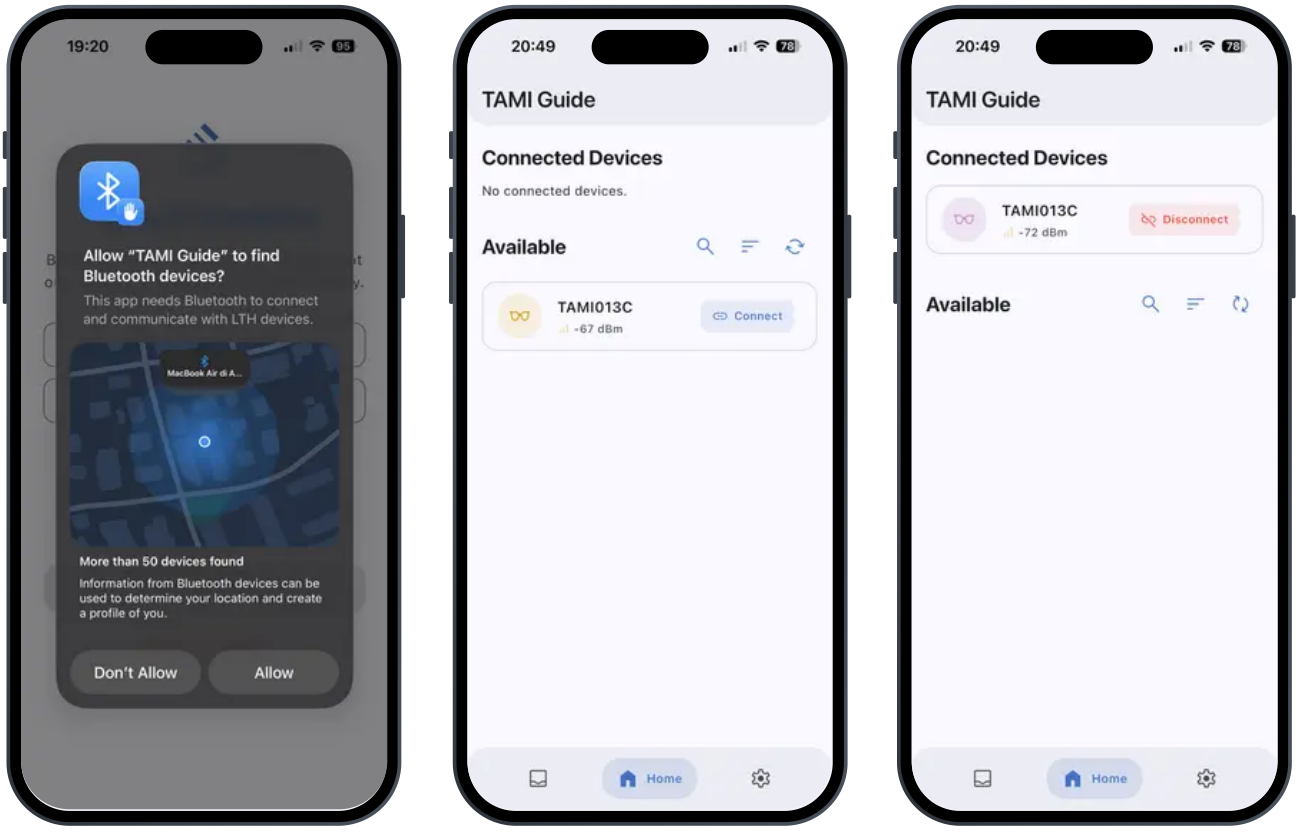
App Navigation

The app has a bottom navigation bar with three tabs:

Tab	Icon	Description
Home	Home icon	Device discovery, connection, and control
Inbox	Inbox icon	Firmware update notifications and newsletter (unread badge)
Settings	Settings icon	App settings and account management

Connecting a Device

1. Open the Home tab.
2. Make sure Bluetooth is enabled on your phone.
3. Power on your TAMI® glasses — they will appear in the Available Devices list within a few seconds.
4. Use the search field at the top to filter by device name if needed.
5. Tap a device from the list to connect.
6. A progress dialog will appear during connection. Wait until it completes.
7. Once connected, the device moves to the Connected Devices section at the top of the screen.



The app supports connecting to one device at a time in normal use. Connecting to multiple devices simultaneously is only possible when both devices are in maintenance mode (e.g. during firmware updates).

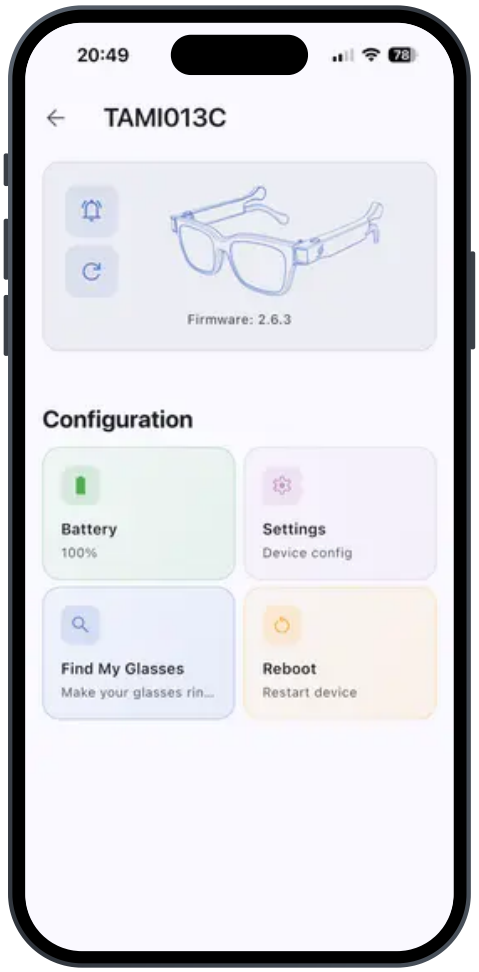
Disconnecting a device

Swipe the connected device card to the side, then confirm disconnection.

Device Control Overview

Tap a connected device card to open its control page. The page is organized into the following action cards:

Card	Description
Battery	View the overall battery level and device details
Settings	Open Device Settings (vibration, range, etc.)
Find My Glasses	Make the glasses ring/beep to locate them
Reboot	Restart the device (requires confirmation)
FW Update	Visible only when the device is in maintenance mode



Find My Glasses

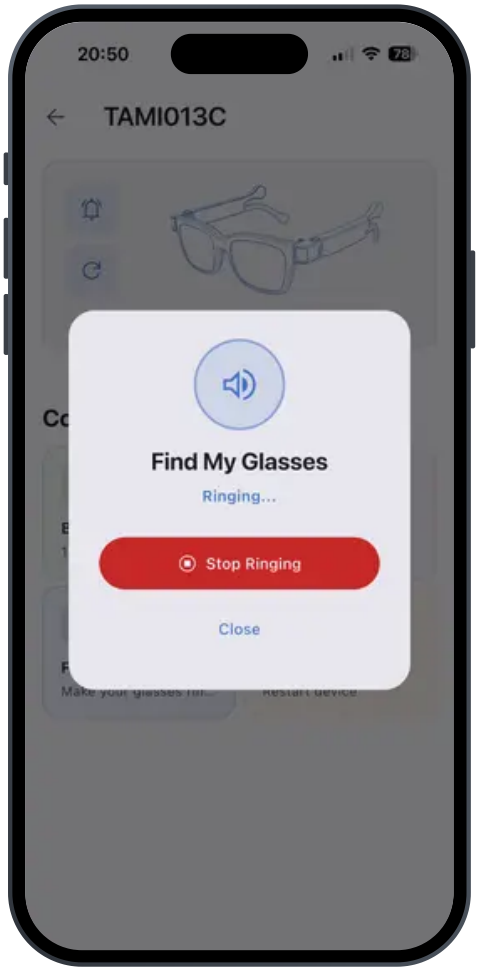
Use this feature when you cannot physically locate your glasses.

1. From the Device Control page, tap Find My Glasses.
2. A dialog will open showing the current status.
3. Tap Start — the glasses will begin ringing/beeping.
4. An animated pulsing icon confirms the glasses are actively ringing.
5. Tap Stop (shown in red) to silence the glasses manually.
6. The glasses will also stop automatically after a preset timeout.
7. Tap Close at any time to dismiss the dialog (this also stops the ringing).

The sound

When you start Find My Glasses, the glasses play this sound:

Find my device ▷



Device Settings

From the Device Control page, tap Settings to access the full configuration panel.

9.1 Vibration Intensity

This setting controls how strong the vibration feedback is.

1. In Device Settings, locate the Vibration Intensity section.

2. Move the slider to select the desired level.

3. The setting is saved automatically when you release the slider.

Slider Position	Display	Behavior
0	Off	No vibration
1	Lv. 1	Low intensity
2	Lv. 2	Medium intensity
3	Lv. 3	High intensity
4	Lv. 4	Maximum intensity

9.2 Feedback Behavior (Range)

This section lets you configure how and when the glasses provide feedback based on obstacle distance. First, select the operating environment using the toggle at the top of the section:

Mode	Best for
Short Range (Indoor)	Confined spaces, shorter detection distances
Long Range (Outdoor)	Open environments, longer detection distances

9.3 Mode Change Effect

This setting determines the type of feedback the glasses produce when switching between Short Range and Long Range modes.

1. In Device Settings, find the Mode Change Effect section.

2. Select one of the three options: Vibration, Audio or Combined (vibration and audio together).
3. The selection is saved immediately.

9.4 Mute Arm Vibration

This setting lets you mute the vibration of the left or right arm independently while the glasses are detecting obstacles.

1. In Device Settings, find the Mute Arm Vibration section.
2. Tap Left Arm or Right Arm.
3. Choose Just for now (cleared the next time the glasses are powered off and on) or Always (stays in effect after a power cycle).
4. To turn the vibration back on, tap the muted arm again.

> Only one arm can be muted at a time: while one is muted, the other arm's card is disabled and tapping it explains why. The state stays in sync between the app and the glasses, even if you change it from the device with a triple press of the button. This section requires firmware 2.7.0 or later; with older firmware it is not shown.

9.5 Reset to Factory Settings

This option restores all device settings to their original factory defaults.

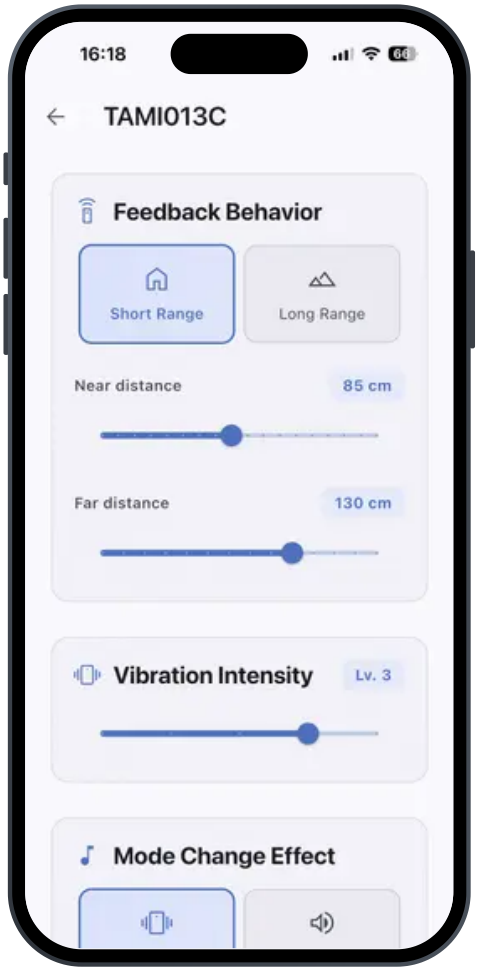
> Warning: This action cannot be undone. All custom configurations will be lost.

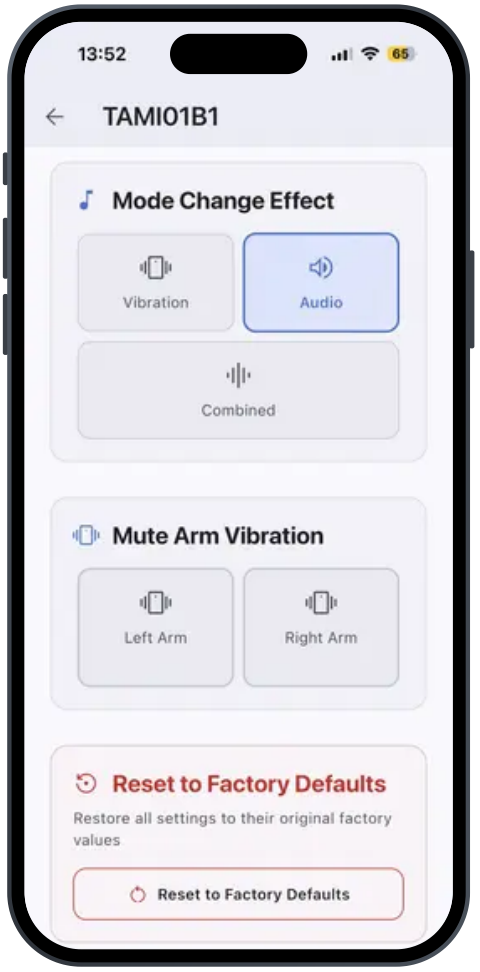
1. In Device Settings, scroll to the Reset to Factory Settings section (highlighted in red).

2. Tap the reset button.

3. A confirmation dialog will appear — tap Confirm to proceed.

4. The device will be reset and settings will revert to defaults.





Firmware Update (OTA)

The app supports wireless Over-The-Air (OTA) firmware updates to keep your glasses up to date.

> Important: The device must be in maintenance mode before a firmware update can begin. To enter maintenance mode, ensure the arms are connected to a power outlet, then press and hold the button for 10 seconds. The system splits into two distinct units (left and right). The FW Update card on the Device Control page will appear, and the firmware update must be performed on both units.

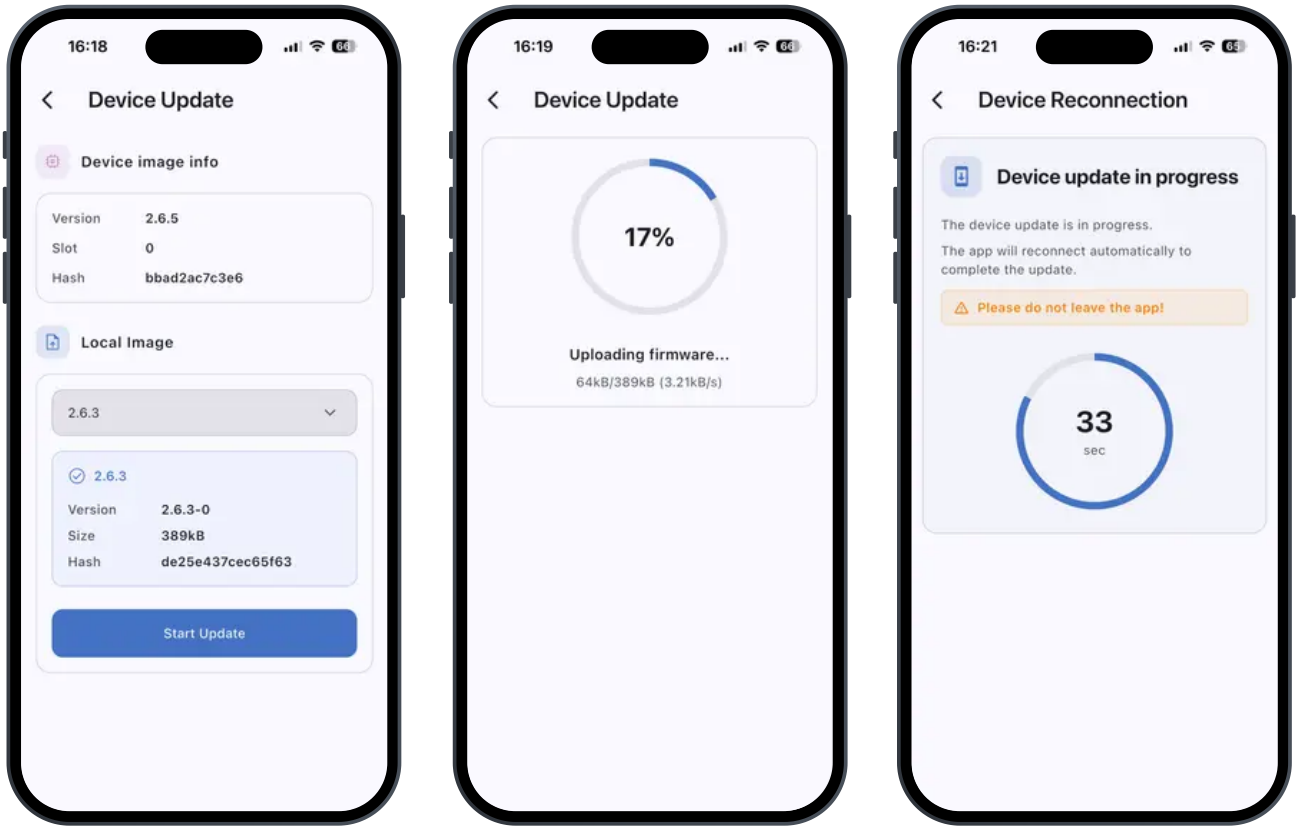
1. From the Device Control page, tap FW Update.
2. The current firmware version is displayed at the top of the page.
3. Tap Select Firmware File, then choose the desired firmware from the dropdown menu and tap Confirm.
4. The upload will begin — a progress bar shows the upload percentage.
5. When the upload is complete, the device will automatically reboot.
6. The app will scan and reconnect to the device within ~40 seconds.
7. After reconnection, the app verifies the firmware hash to confirm a successful update.
8. Navigate back to the FW Update card on the Device Control page to confirm and finalize the update.
9. If the slave unit also needs updating, you will be prompted to proceed with that.
10. Exit maintenance mode by pressing and holding the power button for 10 seconds.

> Do not close the app or turn off Bluetooth during the update.

The maintenance mode sound

When the glasses enter maintenance mode, they play this sound:

Maintenance mode ▷



Battery Status

1. From the Device Control page, tap Battery.
2. A dialog displays, under Battery Level, the overall percentage (the lower of the two arms) and the BLE addresses of both arms.

● **Green** — sufficient charge ● **Orange** — low battery ● **Red** — critically low

When the glasses are connected and not charging, the app sends a notification if the battery drops to 30% or below (the lower of the two arms counts). The notification appears once for each drop below the

threshold and resets when the battery recovers above 30% or starts charging.

Inbox & Newsletter

The Inbox tab provides firmware update notifications and monthly newsletter articles.

- A badge on the tab icon shows the number of unread messages.
- Tap any item in the list to read the full article.
- Items are automatically marked as read when opened.

App Settings & Account

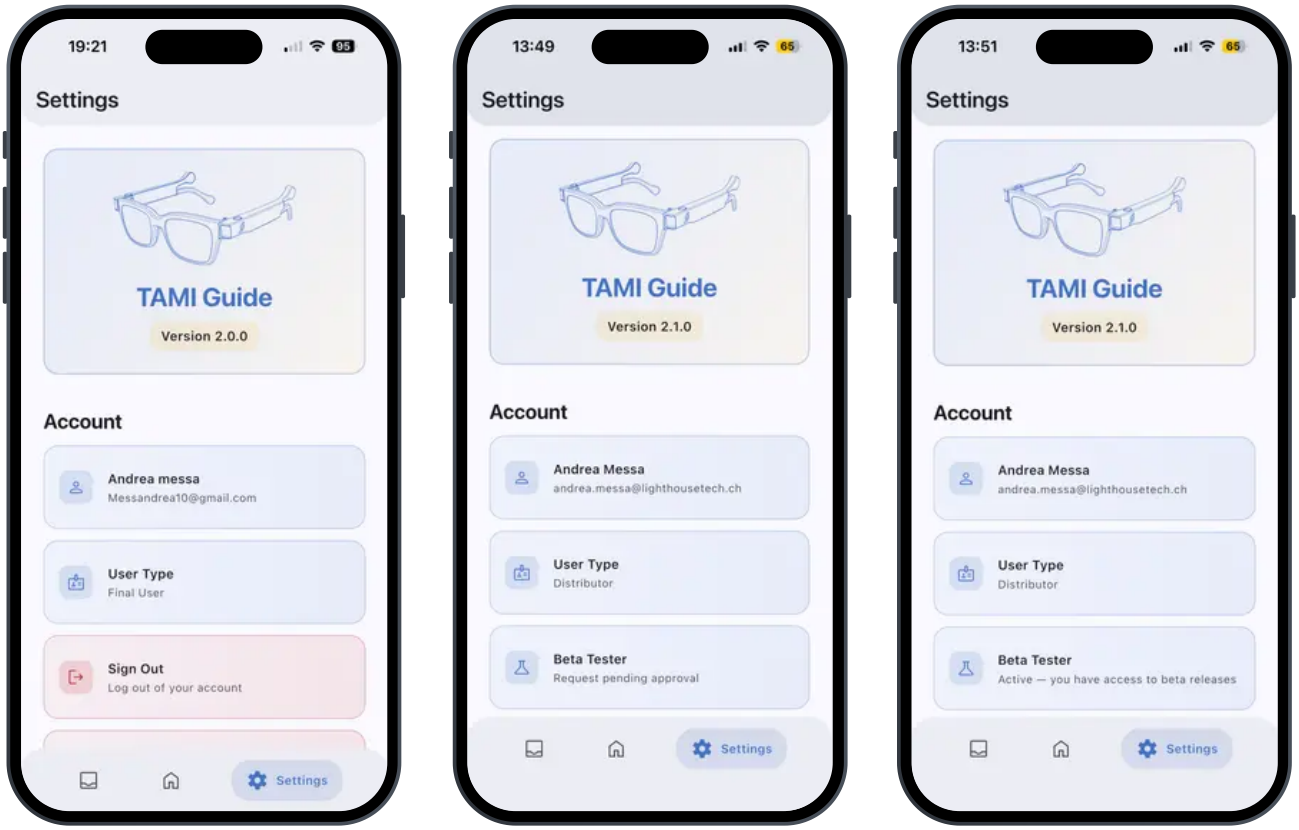
Open the Settings tab (gear icon) to manage your account and app preferences.

Account

Action	Description
Profile info	Displays your name, email, and account type
Logout	Sign out of the current session
Delete account	Permanently remove your account (requires confirmation)
Report a bug	Open a dialog to submit a bug report
Beta Tester	Request beta tester status to try beta firmware builds early. Once approved, the status becomes Active and the FW Update page also shows beta firmware.

About

Item	Description
Privacy Policy	Link to the privacy policy
Terms of Service	Link to the terms of service
Website	Link to the LHT website
App version	Current version displayed on the settings header card



Troubleshooting

Problem	Solution
Device not appearing in Available Devices	Ensure Bluetooth is on, device is powered on, and you are within range. Pull down to refresh the list.
Connection fails or drops	Move closer to the device and try again. Restart both the app and the glasses.
Cannot start FW Update	The device must be in maintenance mode. Check with your distributor or refer to the device documentation.
Find My Glasses does not ring	Ensure the device is connected (shown in Connected Devices). If the dialog opens but nothing plays, the glasses may be out of BLE range.
Firmware update fails with hash mismatch	Ensure you are using the correct and uncorrupted .bin file. Contact LHT support if the issue persists.
Vibration is not felt	Check that Vibration Intensity is not set to Off. Also verify the Near/Far distance settings are appropriate for the environment.
App shows outdated newsletter	Pull down on the Inbox list to refresh. Check your internet connection.
The Mute Arm Vibration section does not appear	It is only available with firmware 2.7.0 or later. Update the glasses' firmware from the app.

For support, submit a bug report from the Settings tab or visit lighthousetech.ch or email dev@lighthousetech.ch

Legal documents for the TAMI Guide companion app (separate from the website's):

App privacy notice App terms of service