



**Jacoti ListenApp®** is the world's first CE approved medical device standalone software hearing aid and FDA registered as a Class I medical device in the US.

The main goal for Jacoti ListenApp® is to bring state-of-the-art Hearing Loss compensation technology to mild and moderate hearing-impaired individuals throughout the world for a fraction of the price of a standard audiphones using mobile health technology and web based health-care services.

Jacoti ListenApp® is a mobile application that uses the Apple earPods and microphones of the as transducers. The user can fit him or herself with Jacoti ListenApp® based on the audiogram measured by the his/her own certified audiologist or obtained by testing the hearing himself using Jacoti Hearing Center, Jacoti's hearing testing application.

By registering to the myJacoti platform—Jacoti's web-based remote fitting platform—users may now synchronize their audiological data across different devices and receive audiological support by hearing experts who can configure Jacoti ListenApp® remotely.

Jacoti ListenApp® not only acts as a hearing-aid (which only provides hearing-loss compensation to audio coming from the microphone) but also plays back the local library music and renders the audio coming from the audio streams of Jacoti Lola, Jacoti's assistive listening device.

## Benefits

- + **Affordable:** Jacoti ListenApp® runs on off-the-shelf devices, thus allowing its cost to be a fraction of traditional hearing aids.
- + **Serviceable:** Jacoti ListenApp® as a software-based solution, is easily replaceable and can be upgraded seamlessly over the Internet.
- + **Quality Approved:** Jacoti ListenApp® is a CE-approved Medical Device and FDA registered as a Class I Medical Device in the U.S. Jacoti itself has been granted an ISO 13485 Quality Management certification by the highly respected Notified Body BSI.
- + **Usable:** Jacoti ListenApp® is designed for simplicity so even inexperienced users can easily set it up and use it.

## Features

### Hearing Loss Compensation

Jacoti ListenApp® is powered by the Jacoti HearingKit® audio signal processing technology focused on compensating the hearing loss of individuals by applying a series of algorithms such as the Hearing Loss Compensation (HLC) algorithm itself but also the Automatic Gain Control (signal compression), noise reduction and gain maximization.

### Separate sound processing for right and left ear

Jacoti ListenApp® processes independently both right and left channels, which results in a higher quality sound experience.

### Audiogram measurement with Jacoti Hearing Center

Jacoti ListenApp® may be fitted based on the audiogram measured by the user's own certified audiologist or obtained by testing the hearing himself using Jacoti Hearing Center, Jacoti's hearing testing application.

### Remote fitting

Jacoti ListenApp® features an online remote fitting service which allows to synchronize the patient's device with the fitting performed by his/her own audiologist online.

### Installation requirements

Jacoti ListenApp® is available for iPhone5S/6/6Plus/6S/6Splus/SE/7/7Plus/8/8Plus/X and with an iPod Touch 6th generation, and is meant to be used with the Apple EarPods (version with 3.5 mm jack connector if you use an iPhone5S/6/6Plus/6S/ 6S Plus / SE and iPod Touch 6th generation, version with lightning connector if you use an iPhone 7 / 7 Plus / 8 / 8 Plus / X). The version of iOS must be iOS 11.x or 12.x

## Summary

Mild to moderate Hearing Loss

Compensation

Simple to use and suitable for all age ranges

Separate sound processing for right and left ear

Remote fitting platform

CE approved medical device

Low latency signal processing

Synchronize audio profile across different devices.

Local music playback

Assistive listening system.

### Contact

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### About Jacoti

We make state-of-the-art hearing solutions accessible and affordable for hearing-impaired individuals all over the world. As a company we realize this mission by focusing on the development and commercialization of hearing aid software and hearing support systems. We achieve this by integrating our proprietary technology with internet-ready consumer hardware such as smartphones.