

JacotiLola®

Low Cost Hearing Accessibility

Bi-Directional Assistive Listening Solution

Overview

Jacoti Lola is an assistive listening solution designed for educational and collaborative settings. This innovative technology facilitates seamless multi-peer audio streaming, significantly improving speech comprehension and interaction.

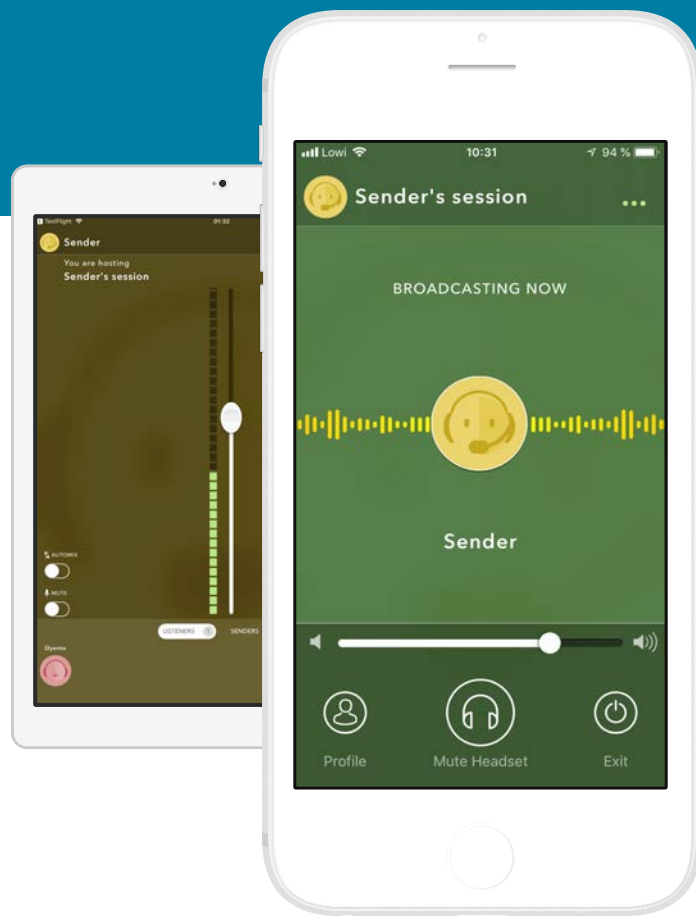
Lola's wireless transmission enhances audio quality. Operating on widely available consumer devices such as iPad and iPhone, Lola offers an affordable alternative to conventional Loop systems and FM-based systems.

This comprehensive application fosters effortless engagement between speakers and listeners, promoting productive communication. While speakers initiate sessions, listeners join, and a unique feature enables listeners to actively contribute their voices to the conversation.

Jacoti Lola facilitates auditory participation, delivering a practical, cost-effective, and user-friendly solution leveraging both standard Wi-Fi networks and consumer devices readily accessible.

Use cases

Educational Excellence	The app's ensures students grasp lessons clearly, enhancing engagement and learning outcomes.
Efficient Meetings	In meeting rooms, Lola optimizes communication. By delivering crisp audio via Wi-Fi, it improves dialogue comprehension, fostering inclusive and productive discussions.
Dynamic Events	Jacoti Lola's real-time audio guarantees that every speaker's message reaches the audience with exceptional clarity.
Personalized Home Audio	In home settings, Jacoti Lola creates custom audio setups. This enables individuals with hearing difficulties to enjoy TV shows and music without disturbing others



- ▶ Low-latency and bidirectional streaming over consumer grade Wi-Fi.
- ▶ CD-Quality Audio.
- ▶ Noise reduction.
- ▶ Flexible use cases.
- ▶ Cost-effective alternative to traditional FM-based assistive listening systems.

Easy to set up

Jacoti Lola works on standard Wi-Fi networks so it does not need special network configurations.

1. Download and Install the app in all devices (an internet connection is required).
2. Connect all devices to the same Wi-Fi network.
3. As a sender create the session, and as a listener connect to the session once it has been created.

The speaker may use the device's microphone or use some external microphone compatible with the supported devices.

Software components

Low Latency and High-Quality Audio	Jacoti Lola leverages the Jacoti Lola communication stack to offer low latency and high-quality audio broadcast over standard Wi-Fi networks.
Noise reduction	Jacoti Lola uses Jacoti HearingKit® to provide noise reduction and packet loss concealment out of the box.
Bi-directional communication	Jacoti Lola not only receives enhanced audio over a Wi-Fi network but also allows users to send their own voice to their peer listeners; that is speaker-to-listeners and listeners-to-all.
Hearing personalization for listeners with hearing loss	Listeners with hearing loss can join a Lola session from Jacoti ListenApp® , with audio tailored to their hearing needs.
Connected device	As a software-based solution, Jacoti Lola is easily replaceable and can be upgraded seamlessly over the Internet.

Jacoti Lola application is available for iPhone 5 and newer, iPod Touch 6th generation and iPad 2 and newer. The version of iOS must be iOS 10.0 or higher.

Jacoti Lola works well with Wi-Fi routers with 5 GHz band support (802.11n, 802.11ac). The EAP767 Wi-Fi AP from 4ipnet has been tested and works well with up to 16 Jacoti Lola-enabled devices.

Jacoti Lola Support at www.jacoti.com

Built with [Jacoti Lola SDK](#) and [Jacoti HearingKit®](#).

About Jacoti

Jacoti BV | Hearing Technologies is a science-based company that develops hearing enhancement solutions embeddable in consumer devices. Its flagship product, Jacoti Inside, optimizes audio to each individual hearing requirement from consumer technologies to fully-fledged medical devices.

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