



Jacoti Lola is an assistive listening solution for classrooms, meeting rooms, and lecture halls that provide low-latency multi-peer audio streaming over consumer-grade Wi-Fi. Lola transmits enhanced audio over Wi-Fi networks from the speaker to the listeners so as to improve each listener’s speech understanding.

Jacoti Lola is a stand-alone application that runs on iPad, iPhone and iPods. Both the speaker and the listeners use the same application. The listener is able to join sessions yet he can’t create one. The speaker can create sessions that are available to all the listeners in the same Wi-Fi network. Additionally, Jacoti Lola allows the listeners to broadcast their own voice to their peer listeners and the speaker(s).

The setup consists of three simple steps:

1. Download and Install the app in all devices (an internet connection is required),
2. Connect all devices to the classroom Wi-Fi network
3. As a speaker 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.

Benefits

- + **Affordable:** Jacoti Lola runs on off-the-shelf devices and networks, thus allowing its cost to be a fraction of current FM-based ones.
- + **Serviceable:** Jacoti Lola runs on off-the-shelf devices that are easily replaceable. Additionally, as a software-based solution, it can be upgraded seamlessly over the Internet.
- + **Usable:** Jacoti Lola works on standard Wi-Fi networks so it does not need special network configurations. Setting up a Lola Session just requires both listeners and speaker to launch the application.

Jacoti Lola is a registered trademark of Jacoti bvba.

Features

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. 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.

Installation requirements

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.

Summary

HearingKit® Audio Enhancement technology
Industry Standard Protocols
Support for iOS devices (iPad, iPod Touch and iPhone) low latency communication technology

CD-Quality Audio
Bidirectional communication

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.