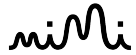




Mimi

Solution Setup



The configuration module is implemented within companion apps or product settings, with the processing module integrated into the audio stack of the product, enabling real-time audio adaptation.

CONFIGURATION

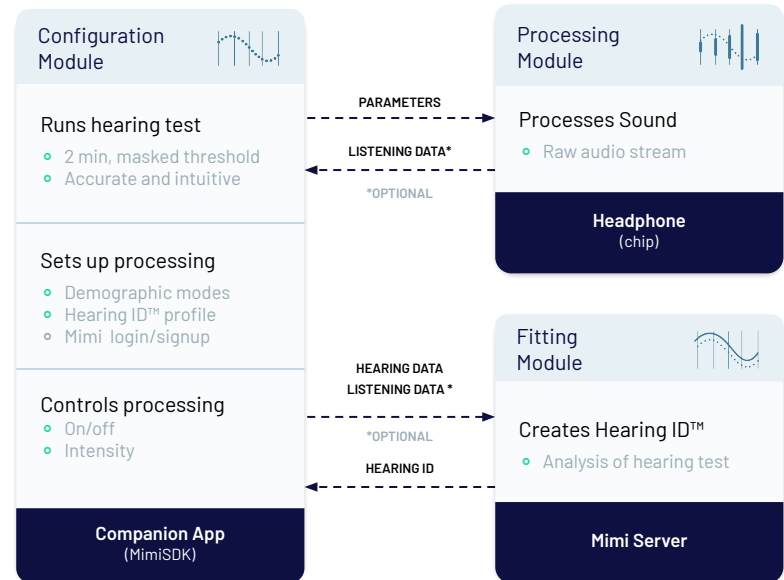
- **Hearing Test** measures the user's hearing ability through Mimi's intuitive and accurate hearing test
 - 2 min, masked threshold
 - Accurate and intuitive
- **Hearing ID** a listener's hearing profile that enables sound personalization in all Mimi enabled devices
- **Demographic modes** age-based estimation of users hearing

FITTING

- **Data Analysis** informed by over 1 million hearing profiles, our server processes raw hearing data to generate results & the user Hearing ID™

PROCESSING

- **Audio processing** adapts sound to the unique hearing of the listener, with a biologically-inspired algorithm
- **Processing controls** allow users to set intensity and toggle on & off







Mimi

Platform Specs



App Integration		Configuration module 
Operating system	iOS	Android
Integration language	Swift (4.2, 5.0)	Kotlin (1.3.21)
Supported OS	Min. iOS 10.x	Min. API 21 / 5.0 Lollipop
Supported architectures	arm64, armv7, armv7s;	armeabi-v7a, arm64-v8a, x86, x86_64
Required permissions	Microphone access	Microphone access
SDK size	~11.4 MB	~7.2 MB
MimiSDK version	v2.x (for Xcode 10.x)	v2.x (for Android Studio 3.5)

Product Integration		Processing module 
Integration options	System, chip, or audio effect level	
Supported platforms	Qualcomm CSRx, QCCx, Hexagon Android OS, Linux, Sigma SX7 (ARM Cortex-A9)	
Algorithmic latency*	4.4ms (@44.1kHz)	
Codecs	Independent of audio codec	
Parameter handling	BLE, preferably via custom BLE service	

*Reference figures from Mimi standard integration.

This document provides detailed insights into Mimi's technical specifications regarding a general integration.

The Mimi processing module can be ported to further platforms, with new solutions on the roadmap. Please contact sales@mimi.io for more details.