



Sound DIMENSION

Proof of Concept-testing

“Getting Started” for testning AiFiTogether-app,
our Proof of Concept för AiFi Streaming

Welcome

Welcome to the AiFiTogether app, our Proof of Concept for AiFi Streaming. We at Sound Dimension are extremely grateful that you want to help us test the app at this early stage. Your views are important to us.

Short about AiFi®

AiFi stands for Artificial-Intelligence Fidelity.

It's a technology that not only quickly connects different speakers, but also makes each speaker aware of its own capabilities while also being informed of what other devices it's paired with in the AiFi system and where they are in relation to each other .

Sound Dimensions AI algorithms then enable each speaker to make decisions on how to best shape its own sound to contribute to as perfect a total sound experience as possible for you as a listener, wherever you are.

It will be like a Chorus/Choir experience; the more voices and parts (bass, altos, sopranos), the fuller and better sound experience you get.

The AiFiTogether app is our first step to spread the AiFi technology further, which in itself has already shown its excellence in the previous speaker AiFi, but which is now being offered in app format to more easily show the possibilities of the technology in a more accessible way. With this APP, you can easily connect several different smartphones and tablets to play music together and give you a better sound experience. We hope you will have a real "AHA" experience when you try it.

We have implemented parts of our AiFi technology in the App already in this P.O.C and In the future, the app will also form our backbone when the technology moves into products that we call - AiFi Inside.

Purpose

Being a beta tester means that you get to try something that is not yet ready. Therefore, you must be prepared for the fact that there may be more errors than you might expect in a finished product. The purpose of beta testing is to get feedback on, for example, the following:

Direct error.

The app behaves in a way you don't expect.

- Solutions that seem inflexible.
- Suggestions for improvements.
- Suggestions for missing features.

About the app

AiFiTogether makes it possible to connect phones wirelessly and play audio together. AiFi stands for "Artificial Intelligence Fidelity", which means: sound improvement with artificial intelligence.

The purpose of playing together is not only social, but the sound is enhanced thanks to the AiFi technology built into the apps. AiFi sets and adapts audio settings according to, for example:

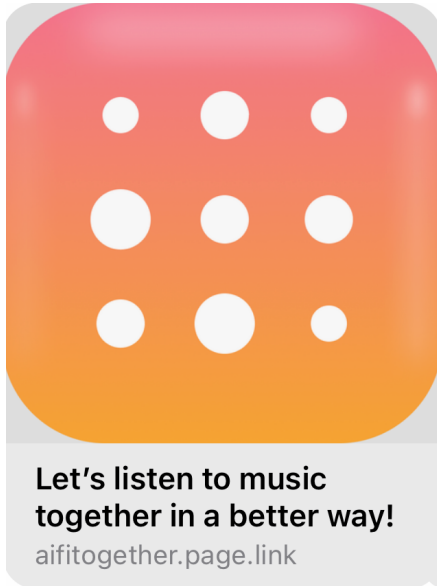
- Which device the app runs on. For example, iPhone 12, iPad Air 2, etc.
- How many people play together.
- Where the units are in relation to each other.

When several apps are connected, this is called a "Jam". Only one app can control what music is played in the jam.

Getting Started

Download the App

You will receive a link to download the app sent via email or SMS that looks like this:



Länk till appen

Permissions

AiFiTogether makes use of many features on the device. Some functions require that you as a user approve in order for the app to work. These are:

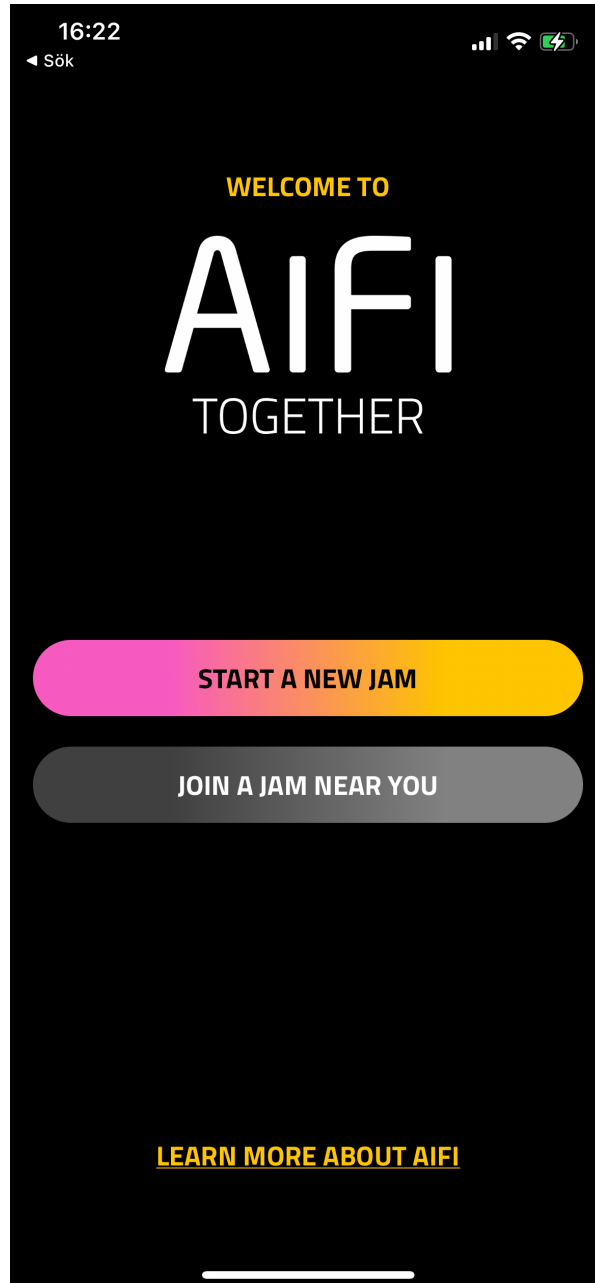
- **Bluetooth** - Must be approved for the apps to communicate.
- **Local Network** - Måste godkännas för att apparna ska kunna spela musik tillsammans.
- **Media & Apple Music** - Must be approved for the app to be able to play music according to the instructions below

Furthermore, the following approval is requested in order to have an improved experience of the app:

- **Camera** - Needed to connect to other apps (see below).
 - **Movement** - Needed for the apps to know how far apart they are.
 - **Notifications** - To be able to see if you have new messages.
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Start

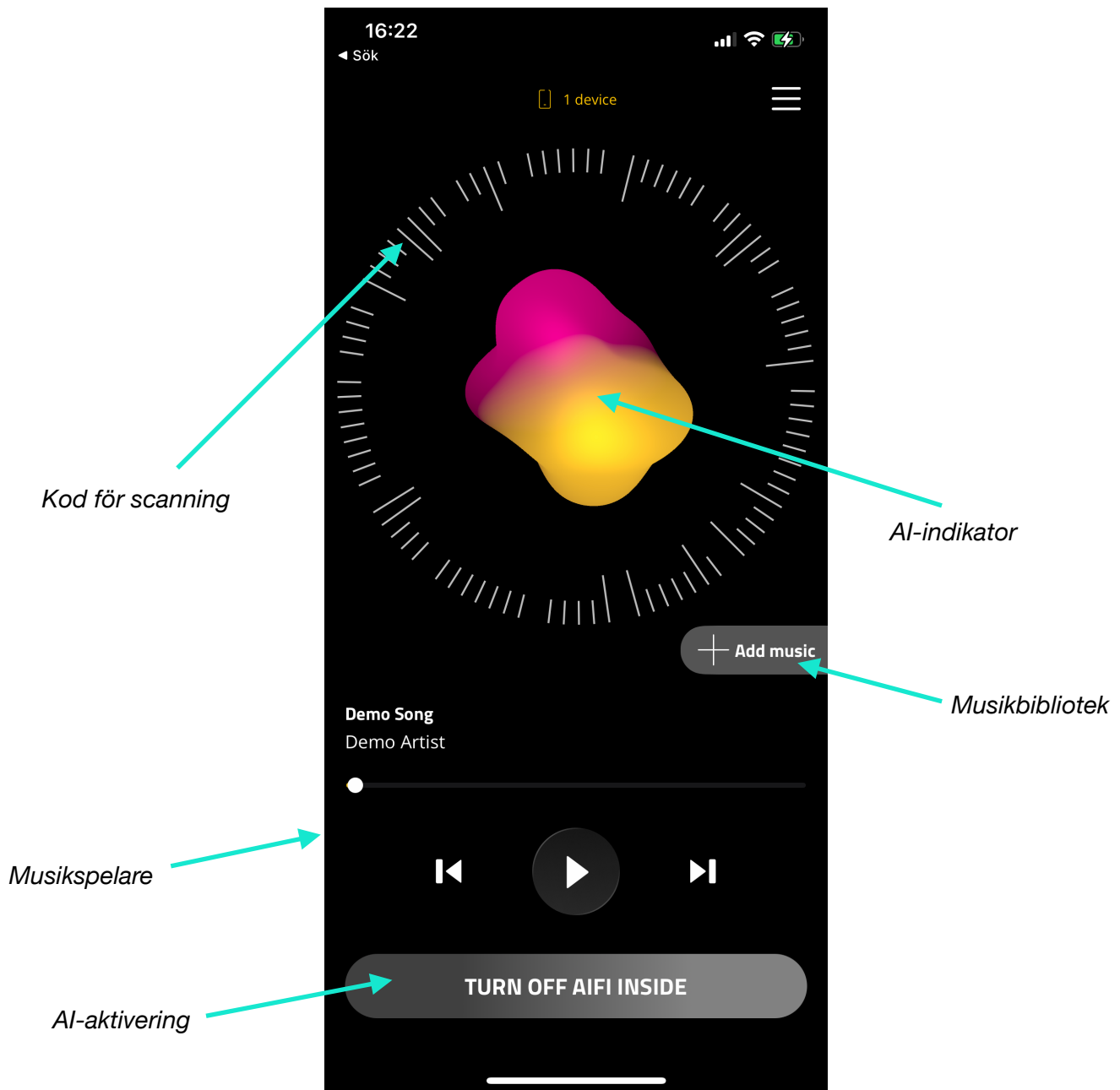
When the app is started, you will be taken to the following start page. Click “START A NEW JAM” to start a jam and thus be the one who decides what music is played.



Startsida

Play Music

When you have started a jam, you come to the music player:



When the app starts, it is immediately ready to play a demo song to get you started quickly.

Explanation

"*Kod för scanning*" / "Code for scanning" - Used when another app wants to connect to the jam. (See below)

"*AI-indikator*" / "AI Indicator" - Indicator that shows how much AI works in the AiFi technology. When it is grey, the AI is completely turned off.

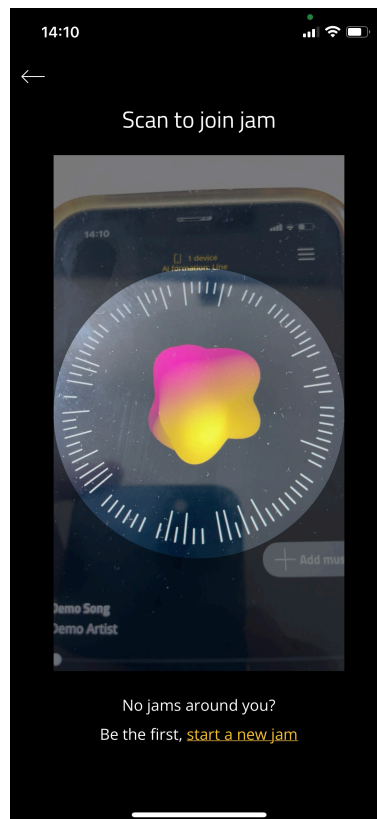
“*Musikbibliotek*” / ”*Music Library*” - Opens local sound library on the device. See below for further information.

“*Musikspelare*” / ”*Music Player*” - Controls to play. Should work as a standard music player.

“*AI-aktivering*” / ”*AI Activation*” - Turn the AiFi technology on and off to hear the difference in what the AiFi technology does in the form of, for example: Sound synchronization, sound adaptation.

Join an ongoing jam

On the home page, press “JOIN A JAM NEAR YOU”. A scanner will then open:

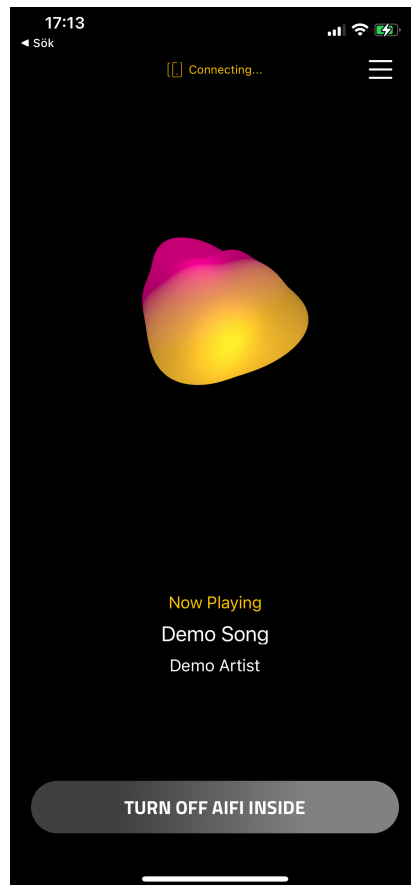


Scan the circular code displayed on the device that started the jam by entering the code into the circle. When the code is correctly scanned, the following page opens:

As the text at the top of the page transitions from “Connecting...” to “Connected (Calibrated)” then the app is connected to the jam.

Once you've joined a jam, your phone will immediately start playing the music and you can also turn the AiFi technology on and off for everyone in the jam.

The one who starts the jam can choose the music.



End a Jam

In the menu that is accessed by clicking on the three horizontal lines, there are the options:

End jam - If you are the one who started a jam, you end the jam here. Everyone who participates is kicked out and you get to the start page.

Leave jam - You leave the jam and come to the start page.

Having trouble getting the phones to calibrate?

Check that you are all on the same Wifi network.

If there is still a problem, temporarily switch off Wifi on all phones that will be included and start a new jam.

Are you outdoors without Wifi? Temporarily switch off Wi-Fi on all phones that will be included and start a new jam.



Leave feedback

Comments are submitted under the menu option "Betatest feedback"

Your views are very important to us at Sound Dimension.

Invite Friends as beta testers

The more people who play together, the more enjoyable the experience. Invite a friend as a beta tester under the "Invite a friend" menu option. A link will then be sent via which your friend can download the app. If your friend does not have the App Testflight downloaded, start by downloading it and then follow the instructions in the message further.

AiFiTogether-app works with the following devices

Currently, the app is only available for iOS devices with the following limitation:

iPhone 7 and later.

iOS 14.3 and later.

iPad 2 and later.

Music Library

The app has three demo songs in it that come up when the app is started. These songs are accessible to everyone in every mode.

You can currently only play music from the local music library on your iPhone in the app. In order to play downloaded music in the app, the following is required:

First, do the following settings if they are available on your phone

- Settings -> Music -> Dolby Atmos -> off
- Settings -> Musik -> Sound quality-> Lossless-sound -> off

To buy music on your phone, you must download the "iTunes Store" app if it is not already done in your iDevice. In that app you buy the songs you want for demo.

When you have bought songs in the iTunes Store, you can directly go into the AiFi together app and then press "+ Add music" and select these to be played in your Jam.

NOTE:

*If you have previously downloaded music in Apple Music on your phone to be able to listen "off line", they are in the library list, but they will not be loaded and will give an error message. The music libraries are therefore not only for purchased songs but also for downloaded songs for offline listening **as well as** for purchased songs. The latter is what works for the AiFi Together app*