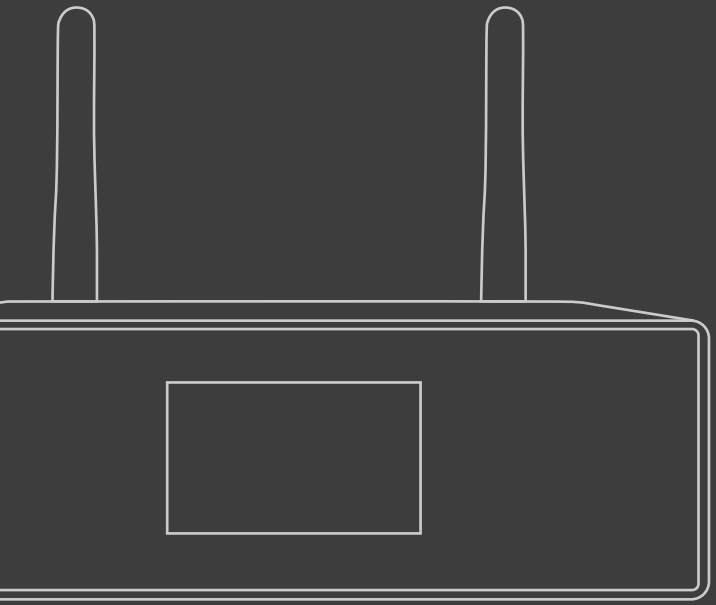
auris

Quick Start Guide



audifi

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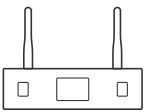
1. Introduction

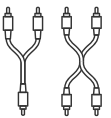
The auris audifi is a WiFi music streamer that works with any amplifier or active speakers to unlock and discover a world full of music streaming services and internet radio stations, all streaming in 24-bit Hi-Res audio. It can be used as a standalone streamer alongside your preferred amp or grouped with other players to create a multi-room listening experience.

2. What's Inside?

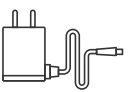


Main Unit x1

User's Manual x1

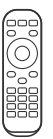


2-2RCA Cable x1
2-1RCA Cable x1



Power Adapter x1

Antenna(3dB) x2



Remote Control x1

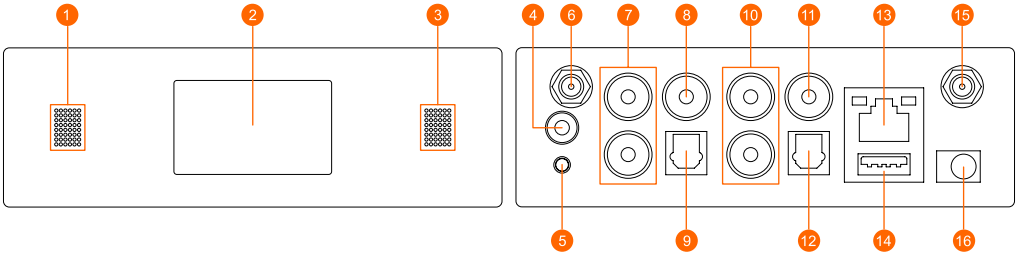
3. Main Features

- Streaming music via network without distance limitation or Bluetooth 5.0 up to 15 meters.
- Qualcomm® aptX™ HD for true high resolution music.
- Spotify connect, Airplay, Qplay, DLNA, UPnP streaming protocols supported.
- Support streaming source from online services, smart device memory, USB pen drive, NAS, Bluetooth and line in.
- Multiroom and multizone streaming enabled by mutiple units connected in same network.
- All music sources can be restreamed in sync to other models from us.
- Airplay, Spotify Connect, Qplay, DLNA, UPnP protocol and 3rd party app compatible.
- High quality music streaming support, sample rate decoding up to 24bit / 192kHz.
- Coaxial and Optical to provide digital audio output.
- Spotify, Deezer, Tidal, Qobuz, iHeartRadio, TuneIn, Napster, lots of online streaming services integrated to use in the app.
- Free iOS and Android app available.
- Free global online update for new features.
- Full function remote controller to use without cellphone.
- Digital and Analog inputs for more possible external audio input.
- Subwoofer output for external active subwoofer.
- OLED display panel for display info.
- EQ adjustment via app or remote controller.
- Preset playlist is availble and short buttons on remote controller for one button play.
- iTunes working with PC streaming.

4. Technical Specifications

Connectivity	WiFi	IEEE 802.11 b/g/n (2.4GHz)
	Ethernet	Single 10/100M RJ45
	Bluetooth	Bluetooth 5.0 with Qualcomm® aptX™ HD, AAC ans SBC
	USB Host	For USB pen drive/stick, 1024 songs limited
Streaming Protocols		AirPlay, DLNA, UPnP, Spotify connect
D/A Converter		ESS SABRE ES9023 DAC
Frequency Response		20Hz to 20kHz
Signal to Noise Ratio		110dB
Total Harmonic Distortion		0.03%
Audio Outputs		Stereo Analog RCA (2Vrms)
		Subwoofer (3.7Vrms)
		Digital Optical
		Digital Coaxial
Audio Inputs		Stereo Analog RCA (1.3Vrms)
		Digital Optical
		Digital Coaxial
Power supply		12V/1A
Audio Decoding		Up to 24bit/192kHz
Audio Formats		FLAC, MP3, AAC, AAC+, ALAC, APE, WAV
Remote		IR remote controler
Display Screen		OLED display panel
App		4stream App - Free iOS and Android App
Dimensions		120mm(4.72in) x 37mm(1.46in) x 113mm(4.45in)
Weight		14.6oz (414gms)

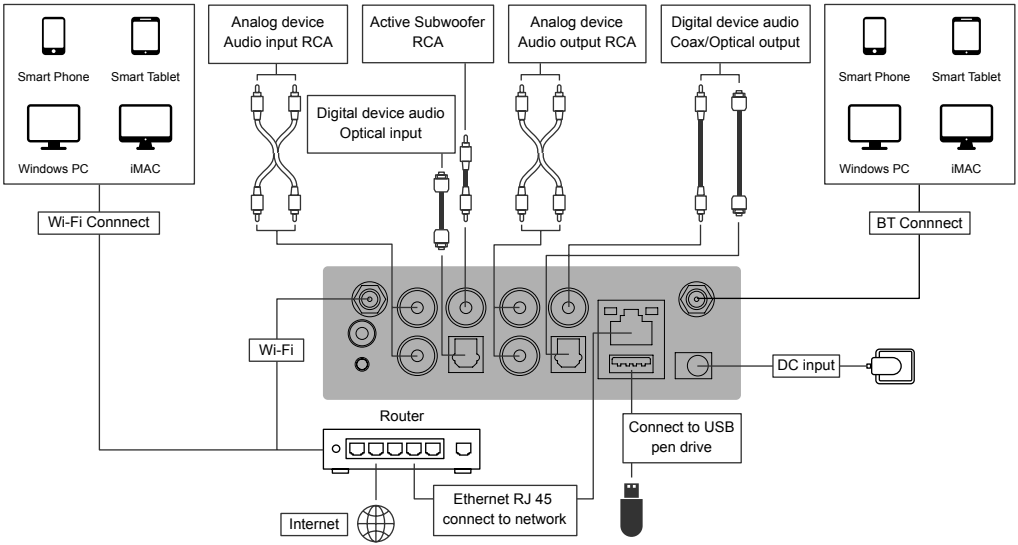
5. Interface



1. **LED**: To show the device status.
2. **Display Panel**: Display status info.
3. **IR receiver**: Infrared sensor for remote control.
4. **Trigger Out**: 12V trigger output used to control or activate other external devices.
5. **Reset Button**: Short press to reset the device WiFi, long press to restore the device to factory setting (only works in WiFi mode). *Please change to WiFi mode when the device is in Bluetooth or Line In mode.*
6. **WiFi antenna**: External WiFi antenna for better signal strength.
7. **Line In**: For external audio sources from TV, CD player and so on.
8. **SubW Out**: To connect to any powered (“active”) subwoofer.
9. **Opt In**: Digital Optical input to connect to the digital optical output of other compatible devices.
10. **Line Out**: To connect to the corresponding analog audio input of any amplifier, receiver or stereo system
11. **Coax Out**: Digital Coaxial output to connect to the coax input of compatible devices such as receivers, computer soundcards or other digital processors.
12. **Opt Out**: Digital Optical output to connect to optical input of other compatible amplifiers or receivers.
13. **LAN**: The LAN port to connect to your ethernet broadband router with an ethernet cable.
14. **USB (Type A)** : Connect a USB pen drive to the USB input. (1024 tracks limit)
15. **BT Antenna**: External Bluetooth antenna for better Bluetooth signal strength.
16. **DC In**: 12V/1A DC input.

6. Remote Control

7. Connection Diagram



8. Setup

8.1 App Download

Download and install the free 4STREAM app from the Apple App Store for iOS or from Google Play for Android.
This is what you will need to set up and configure audifi.
No need to open this app yet as we first need to connect audifi to your music system.

4STREAM

Google Play

App Store

8.2 Connection

8.2.1 Connecting audifi to your stereo system

1. Connect the provided RCA audio cable or your digital Optical/Coaxial cable between audifi and your music system or powered speakers.
2. Power audifi with the included power supply. The LED indicator shows “Red” indicating that audifi is in standby mode.
3. Turn on your music system and set the volume level so that you can hear the voice and audio prompts during the setup.
4. Turn “ON” the audifi device by pressing the power button on the Remote Control or the reset button situated at the back of the device.
5. The audifi display will show “Loading” and in a few seconds a piano tone will play through your music system.
6. The audifi display will then show “Waiting for connection” followed by a voice prompt that will say: “Entering setup mode. Follow the instructions in the app to finish the setup.”

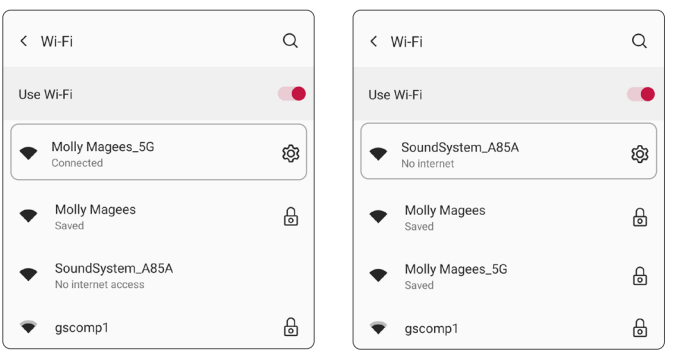
Note: If no piano tone or voice is heard after 15 seconds, check your music system volume level.
To go back into setup mode, simply restart the audifi device again by using the Remote Control or the reset button at the back of the device.

8.2.2 Connecting audifi via WiFi

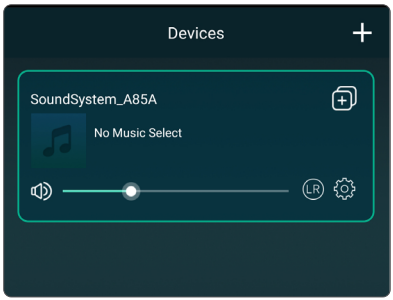
1. Connect your mobile device to your WiFi network.

You’ll need your WiFi password if it’s not already saved on your mobile device.

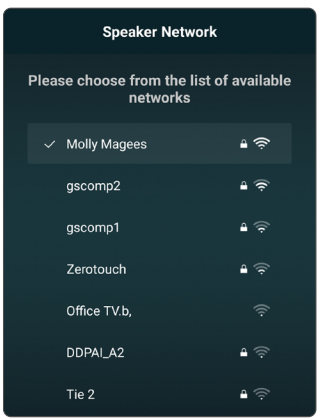
2. Go to your mobile device WiFi settings and select "SoundSystem_XXXX” from your WiFi list.

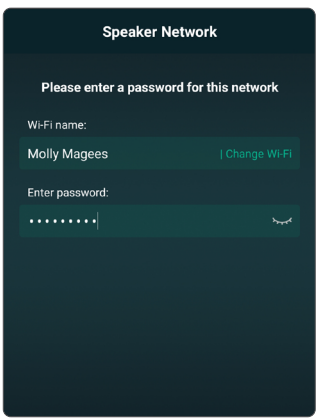


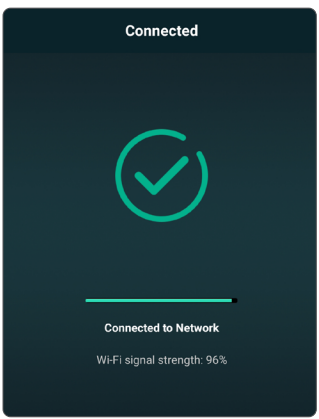
3. The audio voice will prompt “You are now connected to your speaker. Follow the instructions in the app to finish the setup.”
4. Open the installed 4STREAM app onto your iOS or Android device. In the app, you will see the audifi device “SoundSystem_XXXX” in the device list. Select the "+" icon at the top right corner of the screen.



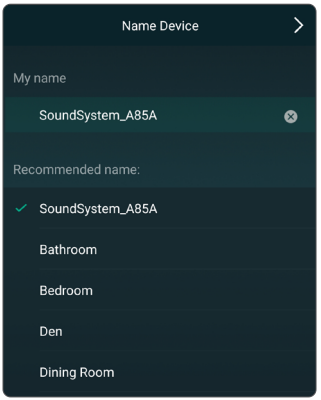
5. audifi works on 2.4G, so select 2.4G network from your Wifi list and enter your internet router password if prompted to do so.
6. The voice will then prompt “Connected to your Wifi network.” Select “Next”.

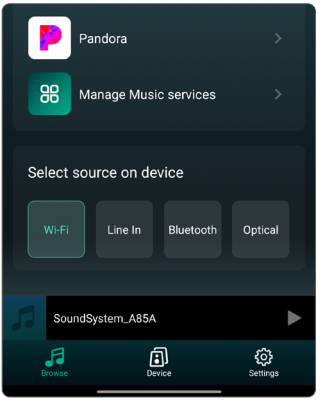




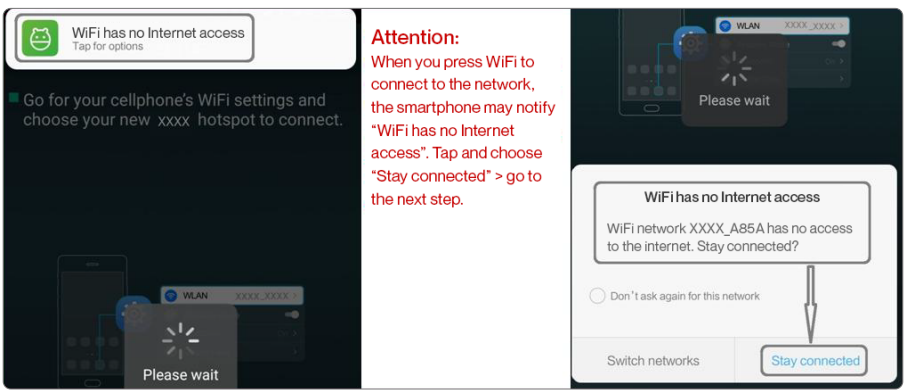


7. Rename your audifi device if you wish to, then select the right arrow at the top of the screen.
8. Go to the browse section in the app and enjoy streaming your favorite tracks to your stereo system.





**Attention for Android users.*
Different brand mobile phones may ask you to allow to use SoundSystem WiFi Network. Please select Yes, if not, you may not be able to set up successfully.

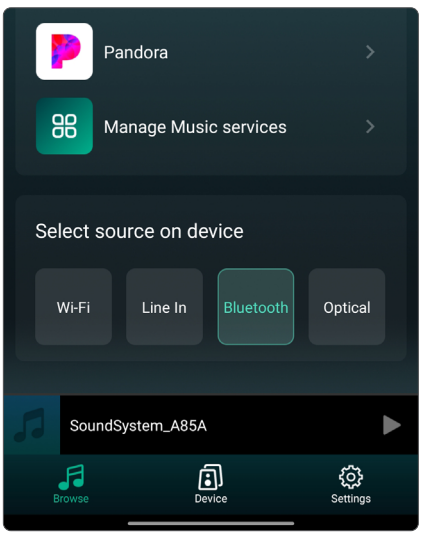


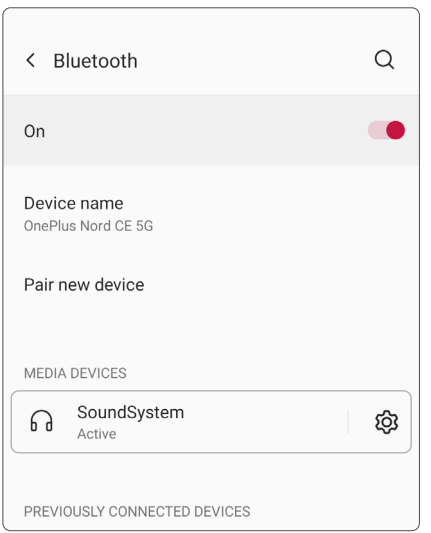
8.2.3 Option 2 - Connecting audifi via LAN

1. To setup audifi using the LAN port, a wired Ethernet connection is required. Connect one end of the Ethernet cable to the LAN port of your Ethernet broadband router and the other end to the audifi's LAN port. The device will show on the app in about 10 seconds.
(Note: Your smartphone and audifi must be on the same WiFi network)

8.2.4 Option 3 - Connecting audifi via Bluetooth

1. Select Bluetooth from the App (at the bottom of the music Browse page) or simply press "BT" button on the Remote Control.
2. The audifi display will show the "Bluetooth icon" indicating that the device is now ready to be paired.
3. Turn "ON" Bluetooth on your device and go to Bluetooth preferences.
4. Scan listed Bluetooth devices and select "SoundSystem" to pair and connect.





8.3 App Features

8.3.1 Device Settings

Rename: Change the device name.

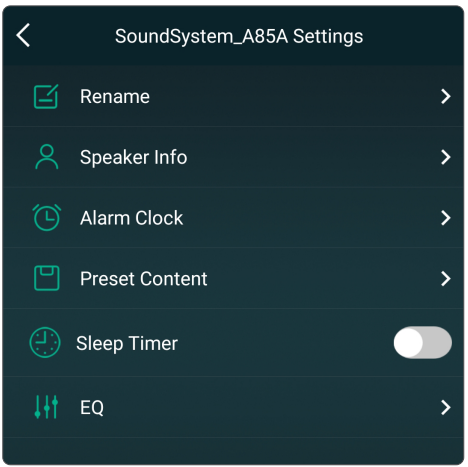
Speaker info: Display device information like IP address, SSID, firmware version, factory reset, etc.

Alarm Clock: Setup up to 4 different alarm clocks with music of your choice.

Preset Content: 10 Preset content buttons.

Sleep Timer: Countdown to turn off the device.

EQ: Bass and Treble control.



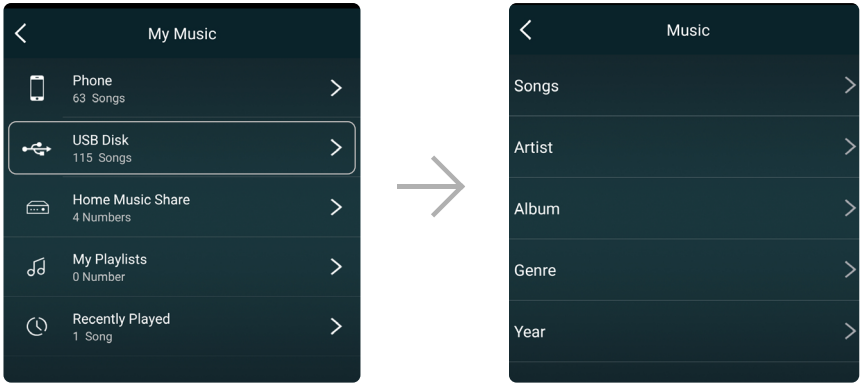
8.3.2 To Play Local Storage Music

Click “My Music” on the App and choose the music ready there.

Note: iOS based devices have blocked the access to iTunes library.

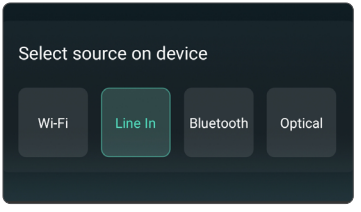
8.3.3 To Play Music From NAS

Please note that audifi only supports NAS with DLNA feature.



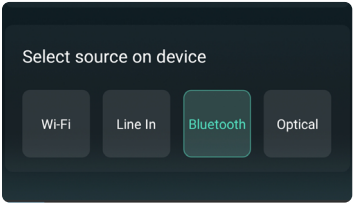
8.3.4 To Play in Line In Mode

- Connect the provided RCA cables to the TV or other audio sources.
- Choose Line In mode on the App or remote control.



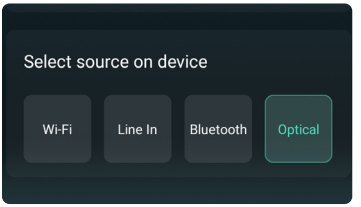
8.3.5 To Play in Bluetooth Mode

- Choose the Bluetooth mode on the application or remote control, the LED will display Bluetooth icon.
- Open the Bluetooth on your smartphone/tablet.
- Pair the device Bluetooth (SoundSystem) and play.



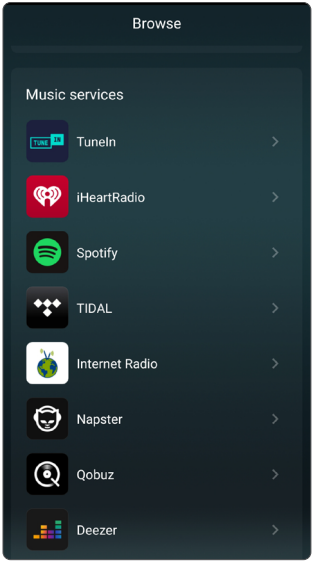
8.3.6 To Play in Optical In Mode

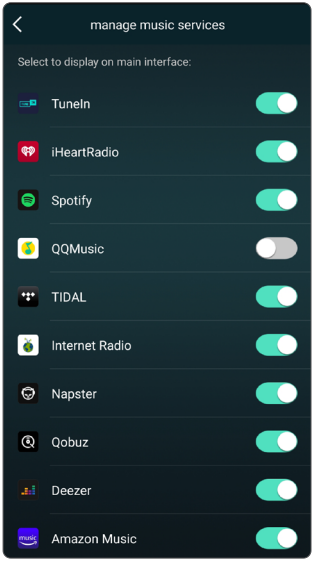
- Connect the Optical cable to the audio source
- Choose Optical In mode on the application or remote control



8.4 Streaming Services

To use the online streaming services like Spotify, Tidal, Qobuz, iHeartRadio, TuneIn and Deezer, you may need to register the account at the service provider platform.

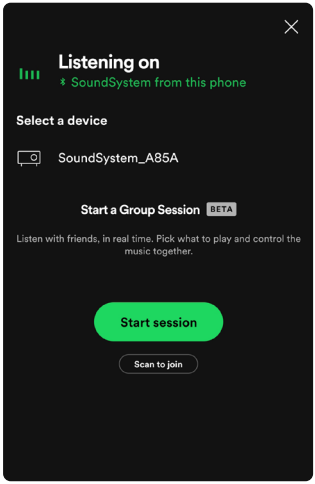


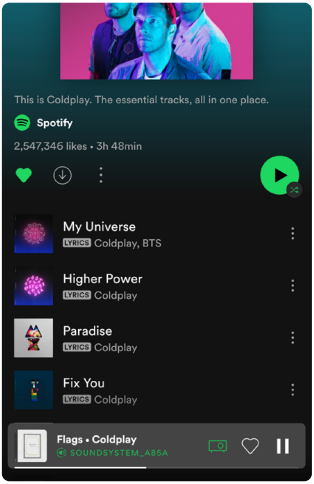


8.4.1 Spotify Connect

audifi supports Spotify Connect, so you can stream music via WiFi directly from the Spotify app. You will find the device in the device list in the Spotify app. Simply choose the device you want to play.

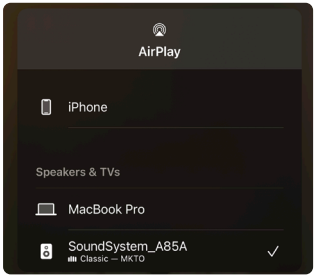
NOTE: One Spotify account can only stream to one device at a time.

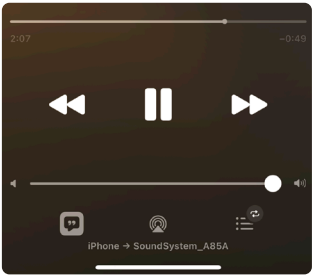




8.4.2 AirPlay

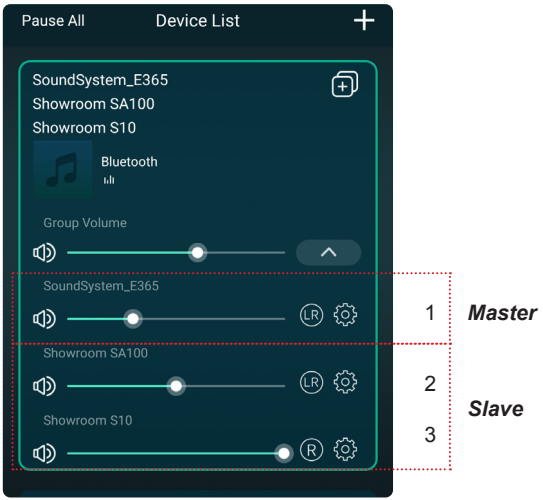
The device supports AirPlay1. You can choose AirPlay and stream music.





8.5 Multiroom and Multizone

Users can group multiroom and multizone on the App. For example, you can group device 1, 2, 3 and 4 together and play the same music in sync or group device 1 and 2 as zone A and device 3 and 4 as zone B, and play different music in zone A and zone B.

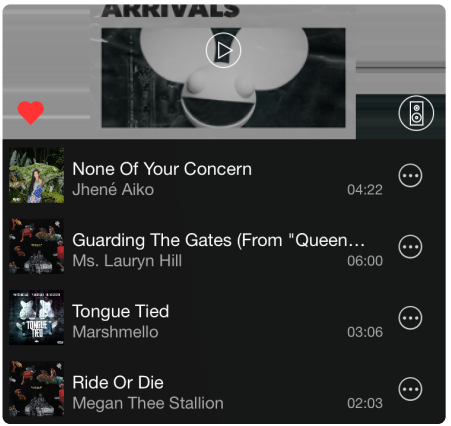


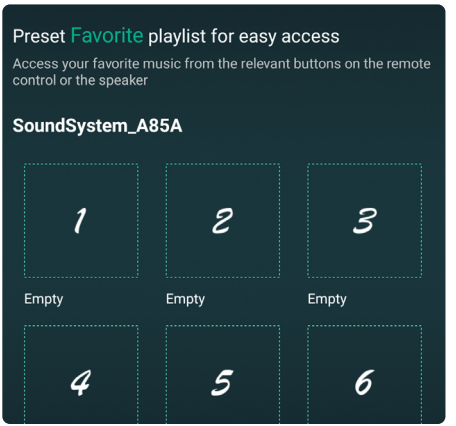
8.6 Left and Right Channel

Users can choose the right channel or left channel or stereo mode on the application or choose left channel on device A and choose right channel on device B, and group them together and play in sync to make stereo.

8.7 Preset

There are 6 buttons on the remote control, users can preset play lists (only the lists with speaker icon can preset) on the application from 1-6 for example, then when you press button 1 on the remote, the preset list 1 will play. (Users can preset 10 playlists on the application, but the remote control can only save from 1-6).





8.8 Source Mode Change

Method 1: Change on App

Users can change play mode on the application - WiFi, Bluetooth, Line Input, Optical Input and USB. To change from Bluetooth/Line Input/Optical Input/USB to WiFi, you only need to choose the online streaming services such as Spotify, Qobuz or your smartphone local storage music or any music via DLNA / UPnP streaming.

Method 2: Change with Remote control.

Users can use the remote control to change the play modes - WiFi, Bluetooth, Line Input and USB.

Method 3: Press the Reset button

User can press the reset button once to switch source mode - WiFi, Bluetooth, Line Input and USB.

8.9 Restore Factory Setting

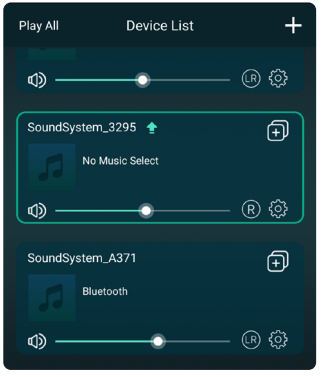
Two methods to restore device to factory setting.

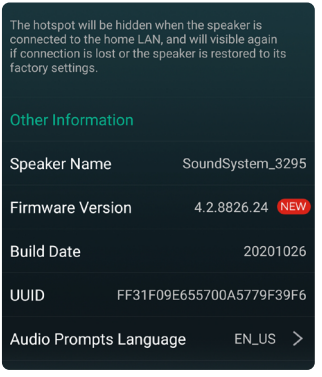
Method 1 - Quickly press the reset button 3 times to restore factory settings.

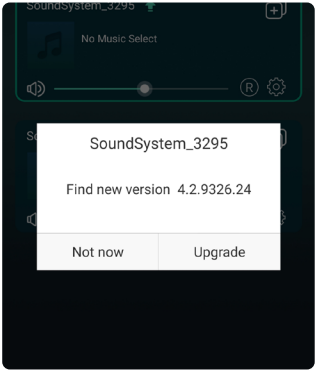
Method 2 - Go to "App setting → speaker info → restore factory setting".

8.10 Firmware Update

The application will notify you when there is a new firmware version available. It's recommended to update the firmware whenever available as this might not only correct bugs or improve security, but also can add new features or services.





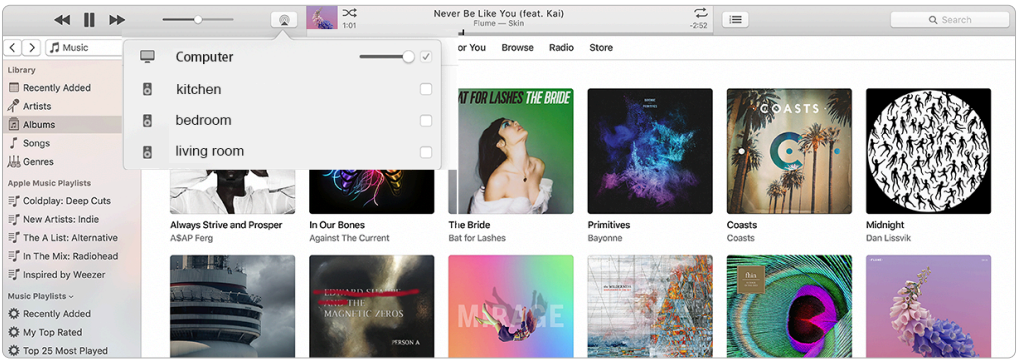


9. Play on PC

There are several tools to play music from the PC

9.1 To play music from iTunes on Mac and Windows PC

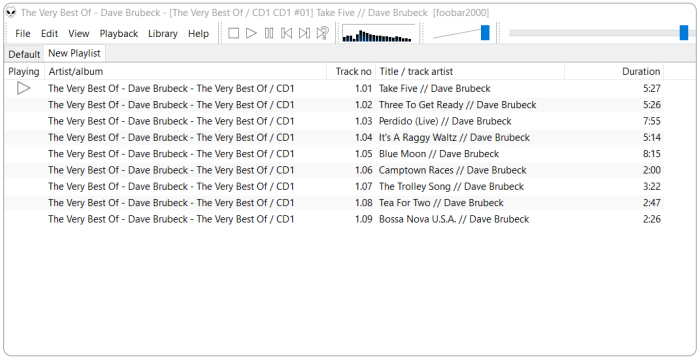
audifi can stream from your local storage / media library on Mac or Windows PC and online services from iTunes. Users can easily play and switch music, control volume and choose the audio devices to group and upgroup the audio devices.

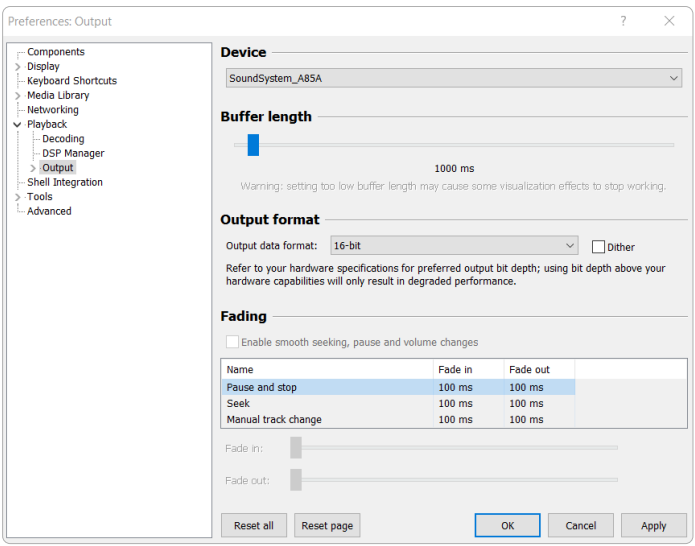


9.2 To play music from Windows PC via foobar2000

audifi supports UPnP protocol with the popular foobar2000 player to allow you to seamlessly stream all your music from your Windows PC.

1. Download the foobar2000 player from https://www.foobar2000.org/download and install it.
2. Download the DLNA/UpnP plugin for foobar2000 from https://www.foobar2000.org/components/view/foo_out_upnp
3. Refer to the following link on how to add UPnP component to the foobar200 player http://wiki.hydrogenaud.io/index.php?title=Foobar2000:How_to_install_a_component
4. Restart the foobar2000 player and check: Library>configure>output>device.
You will find the audifi device "SoundSystem" in the device option column.
5. Choose the device to start streaming your favorite tracks from your Windows PC to your stereo system.

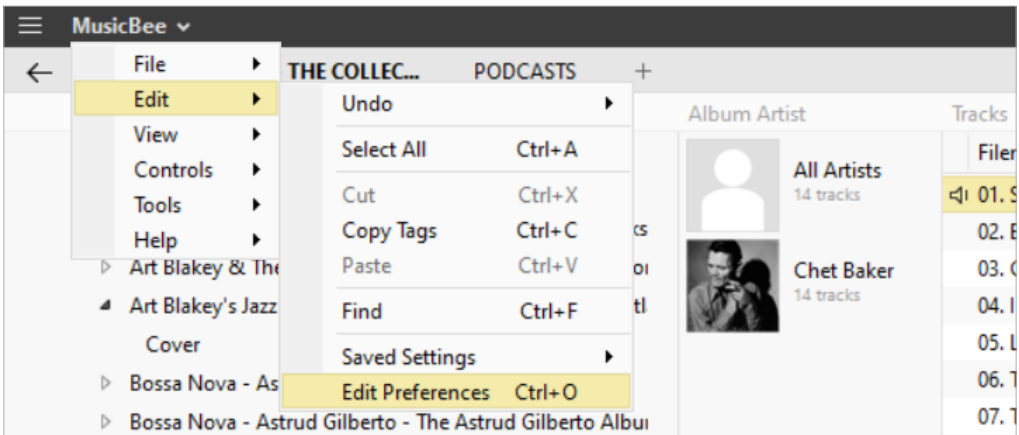

The Very Best Of - Dave Brubeck - [The Very Best Of / CD1 CD1 #01] Take Five // Dave Brubeck [foobar2000]
File Edit View Playback Library Help
Default New Playlist
Playing Artist/album Track no Title / track artist Duration
The Very Best Of - Dave Brubeck - The Very Best Of / CD1 1.01 Take Five // Dave Brubeck 5:27
The Very Best Of - Dave Brubeck - The Very Best Of / CD1 1.02 Three To Get Ready // Dave Brubeck 5:26
The Very Best Of - Dave Brubeck - The Very Best Of / CD1 1.03 Perdido (Live) // Dave Brubeck 7:55
The Very Best Of - Dave Brubeck - The Very Best Of / CD1 1.04 It's A Raggy Waltz // Dave Brubeck 5:14
The Very Best Of - Dave Brubeck - The Very Best Of / CD1 1.05 Blue Moon // Dave Brubeck 8:15
The Very Best Of - Dave Brubeck - The Very Best Of / CD1 1.06 Camptown Races // Dave Brubeck 2:00
The Very Best Of - Dave Brubeck - The Very Best Of / CD1 1.07 The Trolley Song // Dave Brubeck 3:22
The Very Best Of - Dave Brubeck - The Very Best Of / CD1 1.08 Tea For Two // Dave Brubeck 2:47
The Very Best Of - Dave Brubeck - The Very Best Of / CD1 1.09 Bossa Nova U.S.A. // Dave Brubeck 2:26

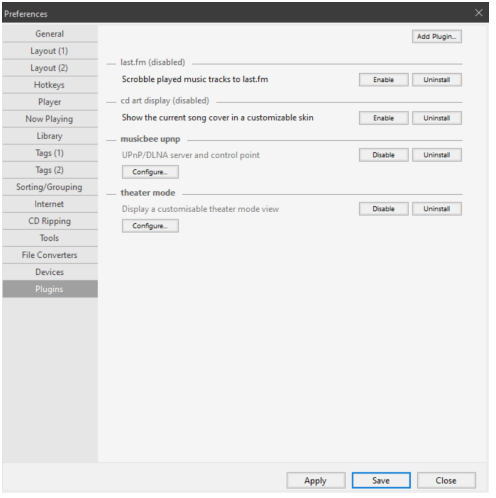

Preferences: Output
Components
Display
Keyboard Shortcuts
Media Library
Networking
Playback
Decoding
DSP Manager
Output
Shell Integration
Tools
Advanced
Device
SoundSystem_A85A
Buffer length
1000 ms
Warning: setting too low buffer length may cause some visualization effects to stop working.
Output format
Output data format: 16-bit
Dither
Refer to your hardware specifications for preferred output bit depth; using bit depth above your hardware capabilities will only result in degraded performance.
Fading
Enable smooth seeking, pause and volume changes
Name Fade in Fade out
Pause and stop 100 ms 100 ms
Seek 100 ms 100 ms
Manual track change 100 ms 100 ms
Fade in:
Fade out:
Reset all
Reset page
OK
Cancel
Apply

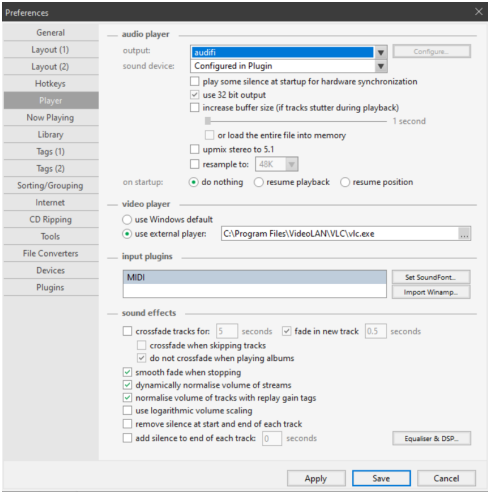
9.3 To play music from Windows PC via MusicBee

Seamlessly stream music from your Windows PC to audifi with the powerful MusicBee music player.

1. Download the free MusicBee music player from https://www.getmusicbee.com and install it.
2. Download the DLNA/UpnP plugin for the MuiscBee player from https://www.getmusicbee.com/addons/plugins/11/upnp-dlna-device-support/
3. Open the MusicBee player and go to Edit>Edit Preferences(Ctrl+O)>Plugins>Add Plugin. Select the downloaded DLNA/Upnp plugin file. The musicbee upnp plugin is now installed and will show in the plugin section.
4. Now go to Edit>Edit Preferences(Ctrl+O)>Player. Under the audio player section, go to output and select the "audifi" device. Click "Apply" and "Save".
5. You are now ready to stream your favorite tracks from your Windows PC to your stereo system.



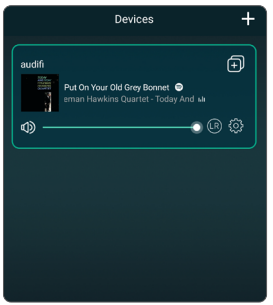

Preferences
General
Layout (1)
Layout (2)
Hotkeys
Player
Now Playing
Library
Tags (1)
Tags (2)
Sorting/Grouping
Internet
CD Ripping
Tools
File Converters
Devices
Plugins
Add Plugin...
last.fm (disabled)
Scrobble played music tracks to last.fm
Enable
Uninstall
cd art display (disabled)
Show the current song cover in a customizable skin
Enable
Uninstall
musicbee upnp
UPnP/DLNA server and control point
Disable
Uninstall
Configure...
theater mode
Display a customisable theater mode view
Disable
Uninstall
Configure...
Apply
Save
Close

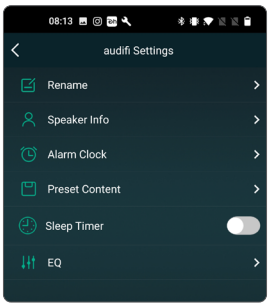

Preferences
General
Layout (1)
Layout (2)
Hotkeys
Player
Now Playing
Library
Tags (1)
Tags (2)
Sorting/Grouping
Internet
CD Ripping
Tools
File Converters
Devices
Plugins
audio player
output:
audifi
Configure...
sound device:
Configured in Plugin
play some silence at startup for hardware synchronization
use 32 bit output
increase buffer size (if tracks stutter during playback)
1 second
or load the entire file into memory
upmix stereo to 5.1
resample to:
48K
on startup:
do nothing
resume playback
resume position
video player
use Windows default
use external player:
C:\Program Files\VideoLAN\VLC\vlc.exe
input plugins
MIDI
Set SoundFont...
Import Winamp...
sound effects
crossfade tracks for:
5
seconds
fade in new track
0.5
seconds
crossfade when skipping tracks
do not crossfade when playing albums
smooth fade when stopping
dynamically normalise volume of streams
normalise volume of tracks with replay gain tags
use logarithmic volume scaling
remove silence at start and end of each track
add silence to end of each track:
0
seconds
Equaliser & DSP...
Apply
Save
Cancel

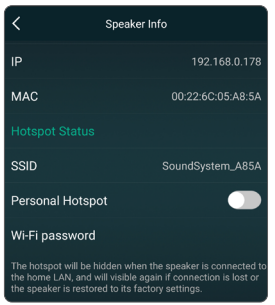
10. Web Player Interface

You can access the web player interface by entering the IP address of the device to a web broswer.

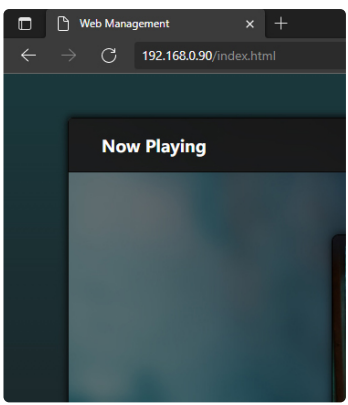
**The device IP address can be found by clicking on the Devices setup icon, then select Speaker Info.*

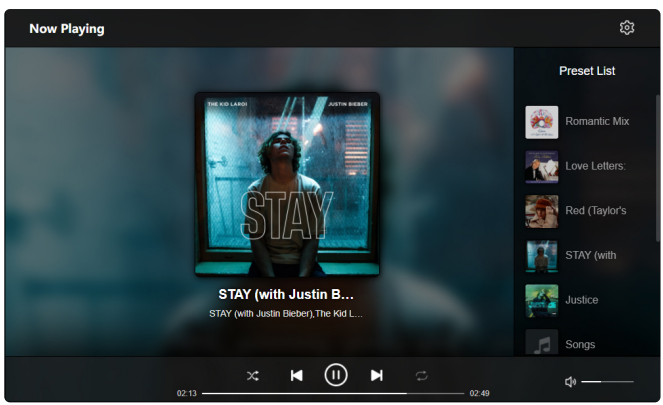






The Web Player allows you to control the Volume, Play/Pause, Previous/Next song, Repeat and Shuffle function for tracks you're currently streaming or access the preset songs/stations you have setup. You can also change the input source of the device.





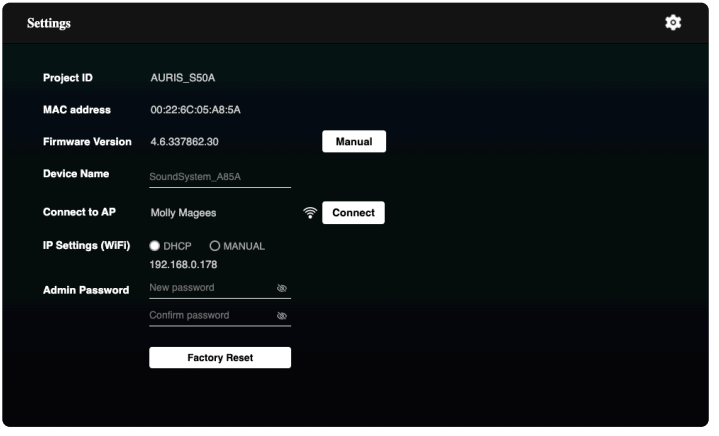
In the setup menu, you can do couple of things:

** When entering the setup interface, an admin password is required. The default password is: admin*

- Manual update the device firmware
- Change the Device Name
- Setup WiFi connection
- Setup Static IP Address
- Change Admin password

If you want to setup the WiFi connection for the first time without using other method.

1. After you power up the device, connect your mobile/PC WiFi to the device SSID: SoundSystem_xxxx.
2. In the web broswer input 10.10.10.254 (this is the default ip address when there is no network being setup)
3. Go to settings and click on connect button under Connect to AP option.
4. Select the router SSID you want to connect to.
5. Enter the password if required and click on connect button.
6. Now your device is connected to your network, you will need to enter the new ip address to continue to use the web player. (since the ip address is not 10.10.10.254 anymore)



Scan the QR Codes below to explore more

4STREAM app

theauris.com

Facebook

Instagram

YouTube

If you have any further questions about the operation or use of this product,
please contact our customer care team for assistance on **support@theauris.com**

11. FAQ

Q: Does audifi support Airplay and third-party DLNA apps?
A: Yes. audifi supports Airplay and third-party apps like BubbleUPNP...

Q: How many zones can you group in one system?
A: 12 rooms is the maximum, while 8 zones are recommended.

Q: What distance can audifi cover?
A: Once audifi is connected to your WiFi router, you can stream your music from wherever there is a WiFi signal.

Q: Can it play high resolution music?
A: Yes. audifi can play APE and FLAC within the normal bit rate range. It also supports decoding 24bit/192kHz music files.

Q: How many languages do you support?
A: audifi will auto-detect your mobile device language and change automatically. Currently, we support English, French, German, Spanish, Chinese, Portuguese, Korean and Japanese and more on the way.

Q: Can the LED display brightness be controlled?
A: Simply press the LED ON/OFF button on the Remote Control to select brightness from 0% to 100%. The brightness of the screen will increase to 100% when in operation mode, and then dimm to the brightness level selected by you. If the level is set to 100%, then it will not dimm at all.

Q: Can I play local music?
A: Yes. You can play music from “MY MUSIC” on the application from local storage devices such as mobile device storage, USB thumb drives and NAS.

Q: Can the device work with Windows devices?
A: The Windows application is not available at the moment, however on the Windows PC, users can use iTunes, Foobar2000, MusicBee and Spotify connect.

Q: Can all music sources play in multiroom mode?
A: Yes, online streaming music, Line Input and Bluetooth all can play multiroom mode.

Q: Does audifi support Google Assistant or Alexa?
A: audifi does not support Alexa. However, through Bluetooth, it can work with Google Assistant.

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