TIBO

Alchemy

User Manual

Contents

1. Safety Information

Do not share the power socket with another appliance

Do not disassemble or attempt to repair the appliance on your own.

If you are not using the appliance, pull the power cord out of the mains socket.

Be careful of the power cord and maintain it as appropriate. To ensure safety, do not twist the power cord, do not pull it out of the socket, do not compress it or stretch its length.

Do not use the appliance if the supply voltage is lower than 90V or higher than 240V. If the supply voltage is lower than 90V, the appliance may not work, and its lifetime may be affected. If the voltage is higher than 240V, the appliance may catch on fire or cause a fire.

Do not wash the appliance or use it in the bathroom, or it may cause potential injuries and other problems.

1.1. Installation location

Leave sufficient space around the appliance of at least 5 cm from any wall/obstacle to ensure proper ventilation and prevent the appliance from overheating.
The following places are not suitable installation locations for the appliance:

- An unstable location
- A location near a heat source or in direct sunlight.
- In a wet or dusty environment

1.2. Warning

To prevent suffering an electrical shock or another accident, do not operate the appliance in a rainy or humid environment.

1.3. Cleaning and maintenance

Use a soft cloth or cotton dipped in a neutral solution for cleaning the surface of appliances. Do not use the type of cloth that you use for washing dishes or aggressive chemical agents.

1.4. Before moving the appliance

Before moving the appliance to a different location, please take the disc out of the appliance so that the disc and appliance will not be damaged.

1.5. Storm

If the appliance is not working properly during a storm, please disconnect the plug from the power socket and reinsert it after a minute.

1.6. Do not drop small items or a liquid into the appliance

In the event that you find small items or a liquid inside the appliance, you see smoke or smell an odour, immediately disconnect the appliance from the power grid. Send the appliance to an authorised service centre.

1.7. Repacking the appliance

When sending the appliance by a transport company, use the original packaging to prevent its damage during transport.

1.8. Batteries

When installing the batteries into your remote control, ensure they are inserted correctly according to the diagram. Plus with plus and minus with minus.

2 x R03 / AAA

2. Introduction

Thank you for purchasing the TIBO Alchemy Mini Hi-Fi System. We hope that your experience with the Alchemy will be enjoyable for many years to come.

The Alchemy is a contemporary 2 x 50W RMS Smart Mini Hi-Fi System with built in multiroom Wi-Fi streaming, Line in and Bluet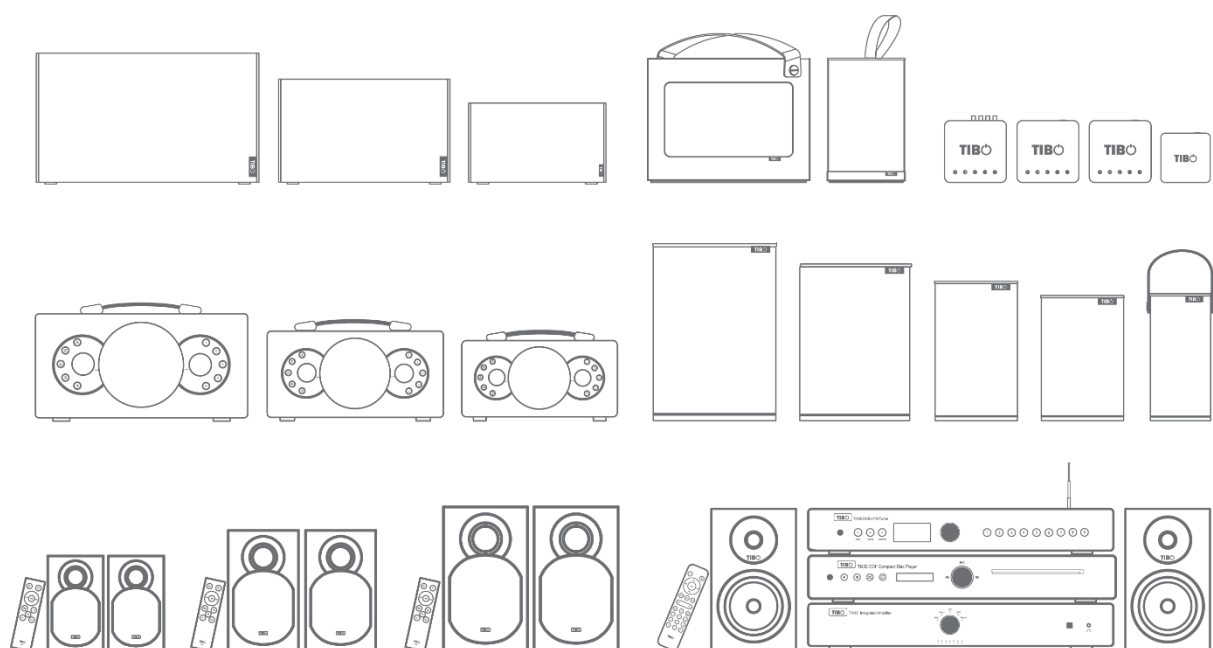ooth playback. It offers the best of both worlds in Smart Audio technology and traditional Hi-Fi. The combination not only sounds fantastic due to the 2 separate high quality speakers and very powerful digital amplifier but the Alchemy brings a completely new level of build quality for mini Hi-Fi systems. The Alchemy can also connect to other TIBO smart speakers in the range, utilising the latest in exclusive Smart Audio software to deliver a high quality, crisp sound.

Wirelessly connect your mobile phone, tablet or other Wi-Fi/Bluetooth device to the Alchemy. The specialised iOS and Android app offer a simple yet great experience for your music streaming and multi-room set up. You can also have 4 direct pre-sets for radio and online playlists and the Alchemy is available in Walnut, Black and White colours.

The Spotify software is subject to third party licenses found here:
https://developer.spotify.com/legal/third-party-licenses/

3. First time setup

3.1. In the box

- Alchemy Mini Hub
- Passive speakers x 2
- Quick Start Guide
- Speaker Cables x 2
- Remote Control
- Power Cables x 2 (UK & EU)
- Batteries x 2 (AAA)

3.2. Front panel layout

1. **1.** Pre-sets 1-4: Save internet radio stations or online playlists as pre-sets

2. **2. & 4.** Volume Controls: Increase / Decrease

3. **3.** IR Remote Sensor

4. **5.** Standby: On / Off

5. **6.** Line In Mode: Press to activate

6. **7.** Bluetooth Mode: Press to activate

7. **8.** Wi-Fi Mode: Press to activate

8. **9. & 10.** Skip Track Forward / Backward: (Wi-Fi and Bluetooth only)

9. **11.** Play / Pause

3.3. Rear panel layout

1. **WPS Button:**
   - Short press to connect to Wi-Fi
   - Long press to restore unit to factory settings

2. Ethernet / LAN Port: Connect directly to your router

3. RCA Line-In Left / Right: E.g. to connect to a phone, turntable or CD player

4. Speaker Output Terminals Left / Right: Insert speaker cable here

5. Mains Power Input

6. Power Button: On / Off

3.4. Remote Control

1. Power On / Standby

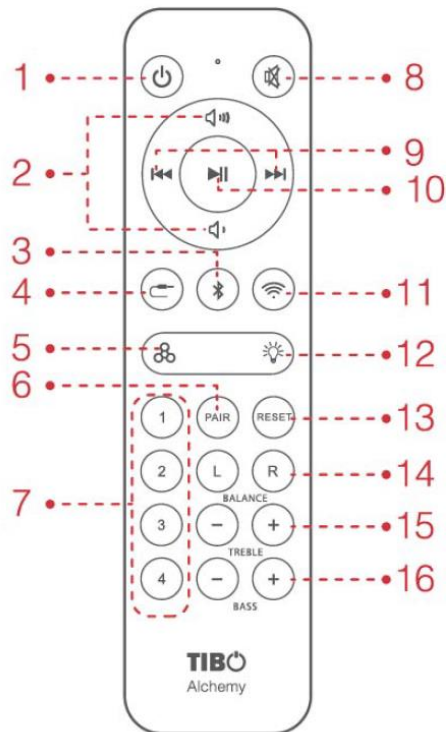2. Volume Up / Down

3. Bluetooth Mode

4. Line-In Mode

5. Group Button: Press once to group with all other TIBO Smart Audio products on the same network. Long press to cancel.

6. Pair Button: Press to enter Bluetooth pairing mode

7. Pre-set Buttons 1-4: Recall direct pre-sets

8. Mute

9. Skip Track Forward / Backward

10. Play / Pause

11. Wi-Fi Mode

12. Light Button: Brightens icons on front panel

13. Reset Button: When the unit is in boot state, press this button for three seconds to reset the treble, bass, balance and master volume to default values.

14. Balance: Left / Right

15. Treble: Increase / Decrease

16. Bass: Increase / Decrease

3.5. Initial setup steps

- Firstly, find a suitable area to setup your Alchemy system and connect the main hub to the passive speakers. Either use banana plugs to connect directly (not included) or unscrew the terminal and insert the bare end of the cable into the hole at the base of the terminal. Then tighten securely. Ensure positive + and negative – are matched with the hub and speakers.

- Connect the appropriate power cord to the power input port on the rear of the Alchemy hub and the other end to a plug socket. Then turn on the Alchemy by pressing the on / off switch to on. The standby icon on the front panel will light up.

- Then press the standby icon either on the panel or the remote control to power on the Alchemy. The Alchemy will respond by saying "Power on, Wi-Fi mode." Make sure you have inserted the batteries into the remote.

3.6. App download

The TIBO app helps you get setup for the first time and helps get the most out of your product's functions.

The app is compatible with iOS and Android smartphones and can be downloaded for free on Google Play or in the App Store.

Scan QR code:

Android   IOS

With the TIBO app you can:

- Browse and connect to over 15000 internet radio stations
- Select a sound source
- Manage Multi Mode groups
- Set up, modify, and play your pre-sets
- Check what song or other media is currently playing
- Adjust individual and multi-room volume settings
- Rename your speaker
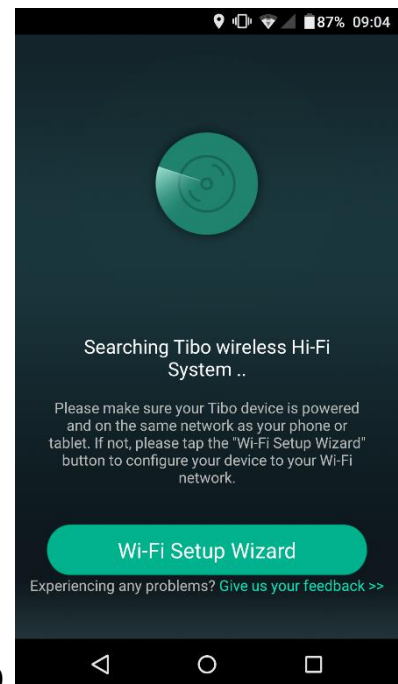- Adjust panning
- Add more speakers

4. Wi-Fi mode

4.1. Wi-Fi mode setup

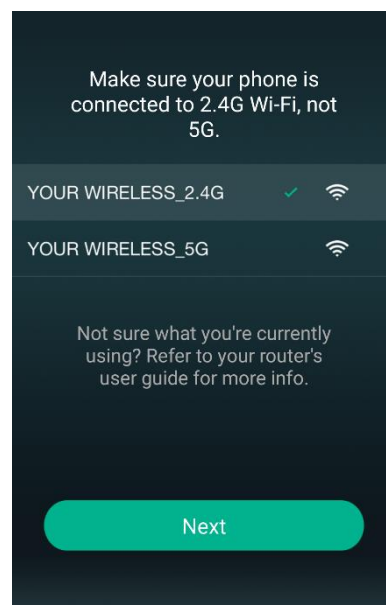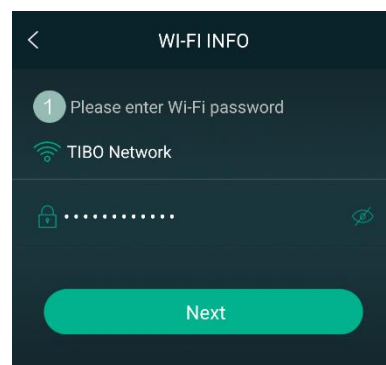|	
• Either press the Wi-Fi icon on the front of the Alchemy until it responds saying "Wi-Fi mode" or press the mode select button on the remote control.	**17.**
• Open the TIBO app on your Android or iOS device and follow the instructions on screen.	**18.**
• Once opened, if your TIBO app has no devices connected to it, the screen should look like this. (See image) Click on 'Wi-Fi Setup Wizard' at the bottom of the page.	 **19.**

- Make sure you're connected to 2.4G Wi-Fi as TIBO Smart Audio products are only compatible with 2.4G Wi-Fi. Then press 'Next'.
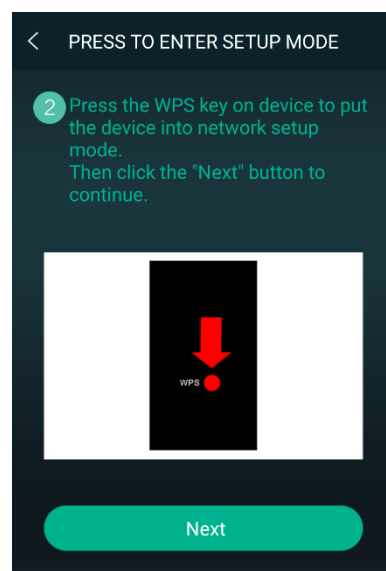

21.

- Find your Wi-Fi network, type in your router's password and then press 'Next'.
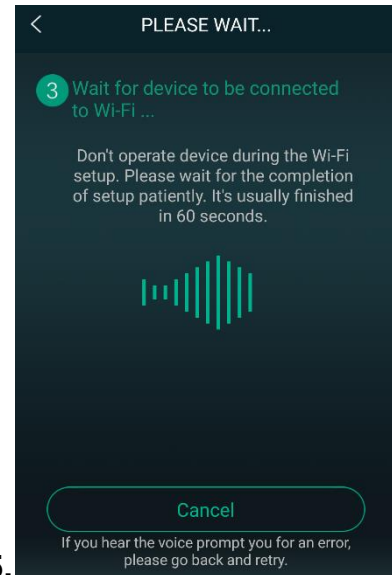

22.

- Press the WPS button on the rear of the Alchemy. The unit will respond by saying "Searching for Wi-Fi connection." Then press 'Next'
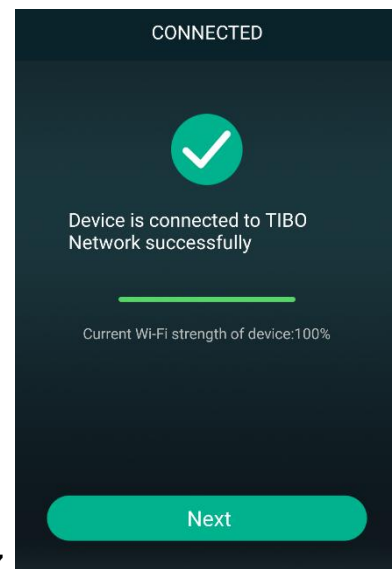

23.

- Then wait for the Alchemy to connect to your Wi-Fi. When connected, the Alchemy will respond by saying "Wi-Fi connected. Then press 'Next.'
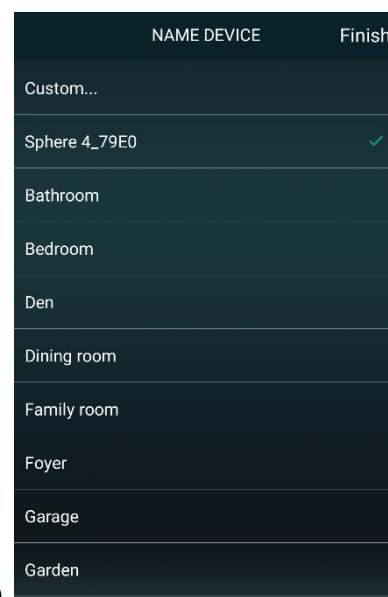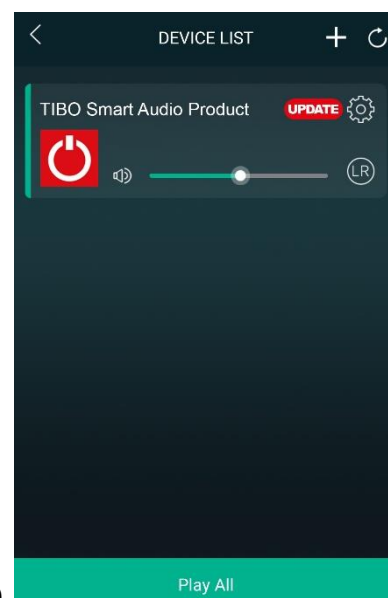
25.

26.

27.

29.

- You can now name your Alchemy within the app. Either select from the list of pre-set options or click on custom to set your own name. Then press 'Finish.'
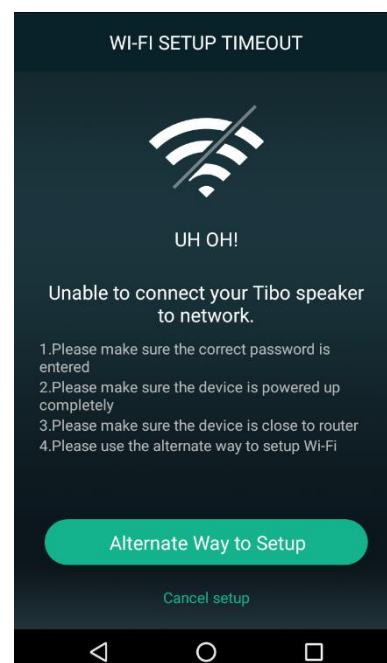

30.

- Your Alchemy will now appear on your 'Device List' within the app. To add more devices, press the 'cross' icon in the top right of the screen.
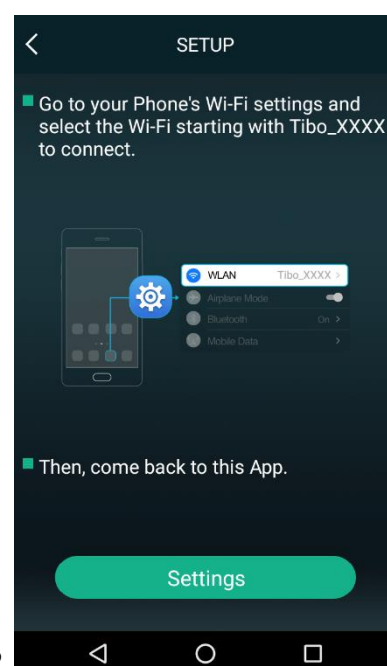
4.2. Wi-Fi mode – Alternative setups

- In some circumstances, the router may not connect with your TIBO product using the above method. If your product does not connect first time, you will be prompted to an alternative Wi-Fi setup method. Click 'Alternative Way to Setup.'

WI-FI SETUP TIMEOUT

UH OH!

Unable to connect your Tibo speaker to network.

1.Please make sure the correct password is entered
2.Please make sure the device is powered up completely
3.Please make sure the device is close to router
4.Please use the alternate way to setup Wi-Fi
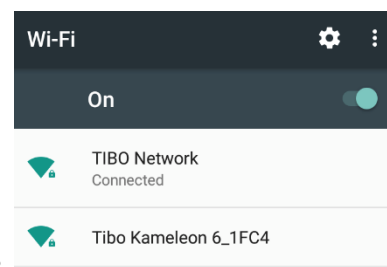
Alternate Way to Setup

Cancel setup

31.

- On the next screen you will see an option titled 'Settings' as a prompt. Click this to directly enter the Wi-Fi settings in your phone / tablet and find your TIBO product's own Wi-Fi signal. If a password is required, use – **smart-audio**

SETUP

Go to your Phone's Wi-Fi settings and select the Wi-Fi starting with Tibo_XXXX to connect.

WLAN   Tibo_XXXX
Airplane Mode
Bluetooth   On
Mobile Data

Then, come back to this App.

Settings

32.

Wi-Fi
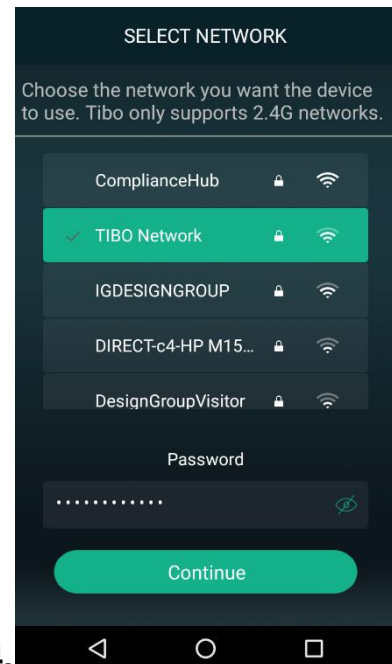
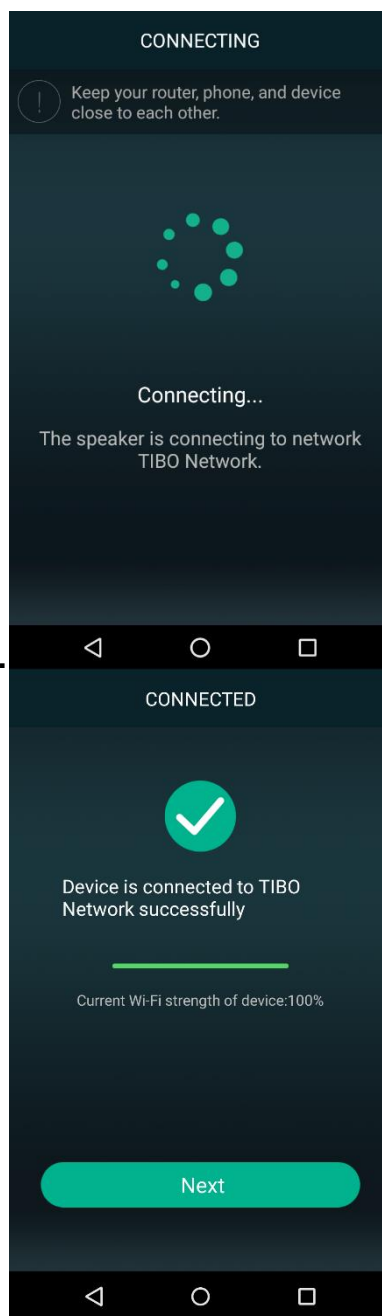**On**

TIBO Network
Connected

Tibo Kameleon 6_1FC4

33.

- Then return to the TIBO app either pressing the back button on your phone / tablet or reopen the app by clicking on the TIBO logo. The screen below will then appear, select your own Wi-Fi network and type in your Wi-Fi's password.
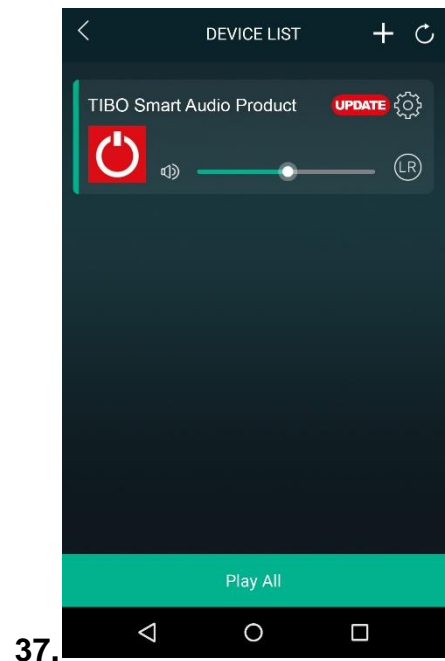
SELECT NETWORK

Choose the network you want the device to use. Tibo only supports 2.4G networks.

ComplianceHub 🔒 📶

✓ TIBO Network 🔒 📶

IGDESIGNGROUP 🔒 📶

DIRECT-c4-HP M15... 🔒 📶

DesignGroupVisitor 🔒 📶

Password
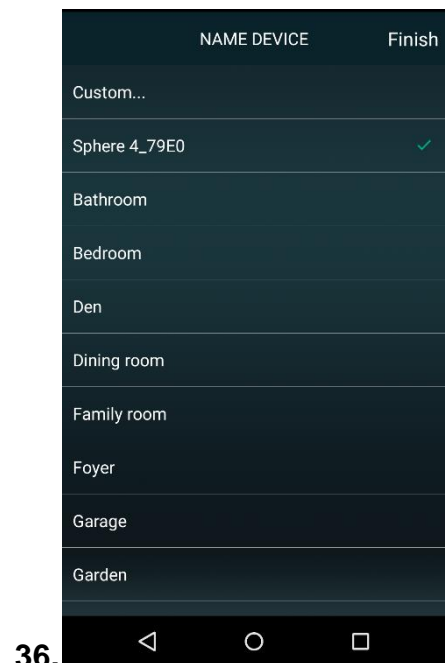
.... 👁

Continue

34.

- Then wait for your product to connect to your Wi-Fi. When connected, your product should respond by saying "Wi-Fi connected" and the Wi-Fi icon will become still instead of flashing. Then press 'Next.'

35.

36.

- You can now name your TIBO product within the app. Either select from the list of pre-set options or click on 'custom' to set your own name. Then press 'Finish.' Your product will then appear at the top of your 'Device List' page and you're ready to start streaming music.
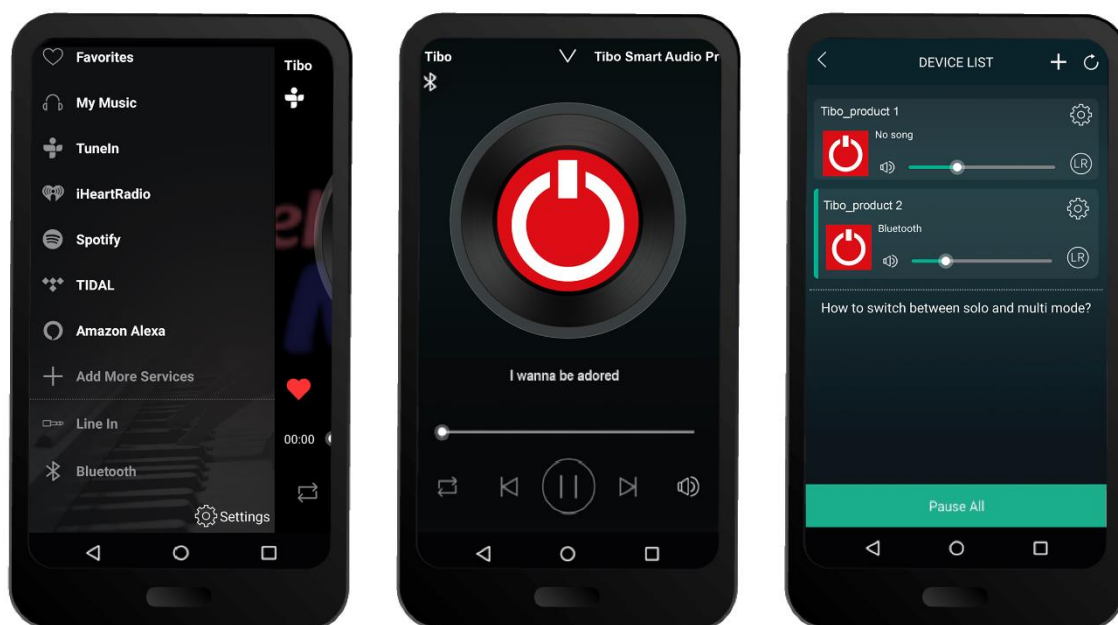

37.

Wi-Fi mode setup without the TIBO app

If you are struggling to connect your TIBO Smart Audio product to your Wi-Fi using the TIBO app, then you can use this last resort method that does not involve the app itself.

- Make sure your TIBO product is turned on and in Wi-Fi mode.

- Using your smartphone / tablet, open the Wi-Fi settings page and connect directly to your TIBO product's own Wi-Fi instead of your own router. If a password is required, use – **smart-audio**

- Exit your Wi-Fi settings page and then open the internet browser on your smartphone / tablet. Click the web address bar at the top of the page and type in this exact IP address – http://10.10.10.254 and then press enter.

- On this web page, you should see a list of the local networks in the area. Find your own router on this list and type in your router's password.

- After about 10-20 seconds, you should then hear your TIBO product say "Wi-Fi connected" and/or the red flashing light on your product will become still.

- Finally, exit the internet browser on your smartphone / tablet and go back into the Wi-Fi settings to reconnect with your own router rather than the TIBO product's own Wi-Fi. Then open the TIBO app and your product will be there in the Device List page.
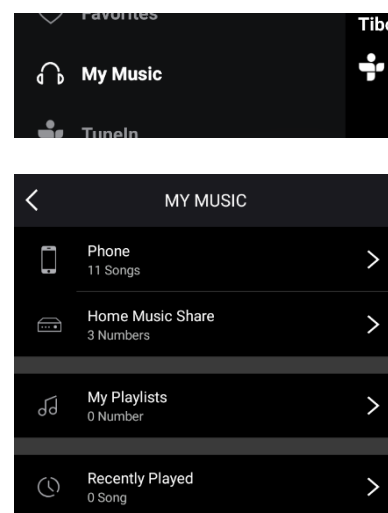
4.3. Playing music via My Music and Internet Radio Services

- Swipe left and right to navigate between each page of the app.

- The page on the left here is the main menu where you will have access to different streaming options.
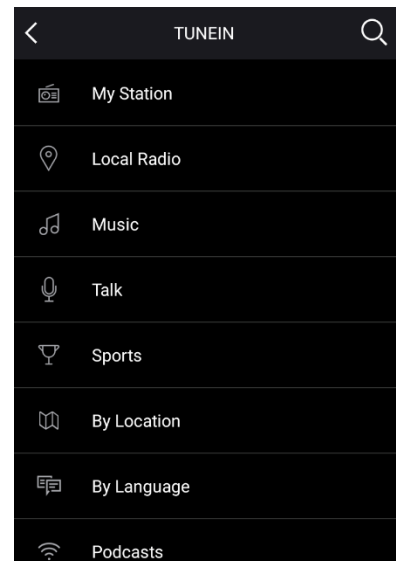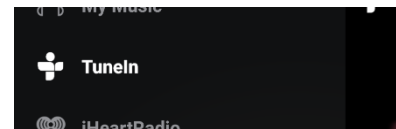
My Music

- Here you can select music directly stored on your phone or if you have a NAS drive, you can select music from here.

- NOTE: Make sure your NAS drive is connected to the same Wi-Fi as your TIBO product in order for it to appear under this section. Also, not all NAS drives are compatible with the TIBO app.
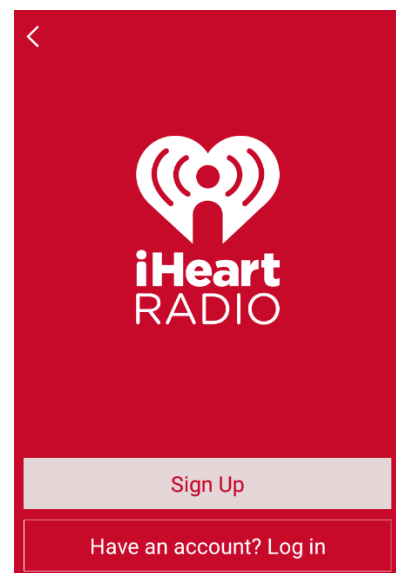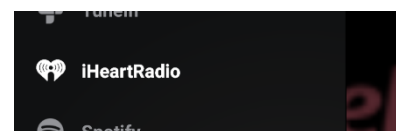
TuneIn

- Here you will have access to roughly 15,000 internet radio stations around the world.

- Search each radio station by location, genre or name.

- These radio stations can also be saved as pre-sets.

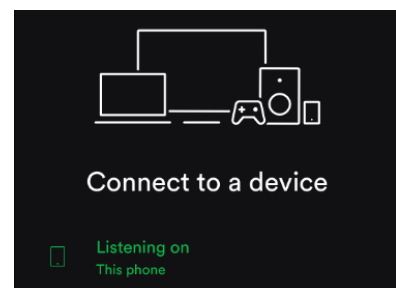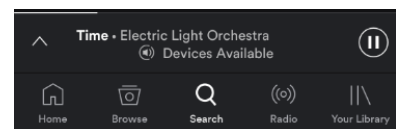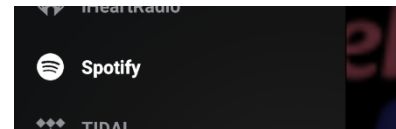- See the page **Using the pre-set functions** on how to do this.

iHeartRadio

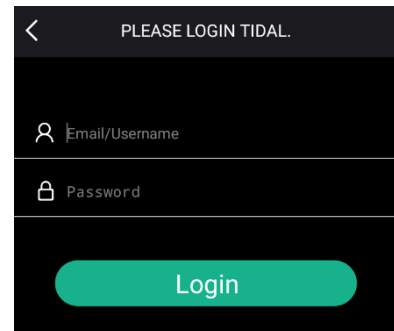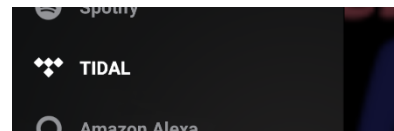- In order to use radio stations on here, you will need to sign in or create an account.

Spotify

- Clicking on Spotify within the TIBO app will redirect you to the main Spotify app. From here, play some music on Spotify.

- Click on "Devices Available" at the bottom of the screen on Spotify.

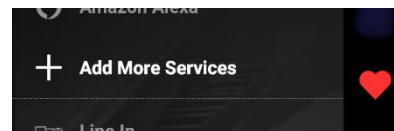- Find your Alchemy on the list and connect.

TIDAL and Napster

- To stream from either of these services, login to your account when prompted on screen and search for songs, artists or albums to stream.

Add More Services

- Click here to find hidden services that can be added to the main menu.

Note

- Below the Add More Services icon, you will see a Line In and Bluetooth option. This means that by selecting either of these you can change the input mode of your TIBO product using the app itself.

- More options will be available in this section depending on how many input modes your TIBO product includes.

- You will only be able to change input mode using the app once your product is connected to Wi-Fi.

4.4. Solo, Group and Stereo modes

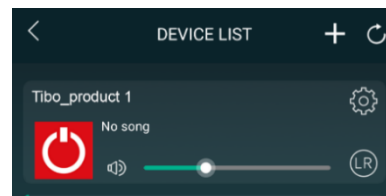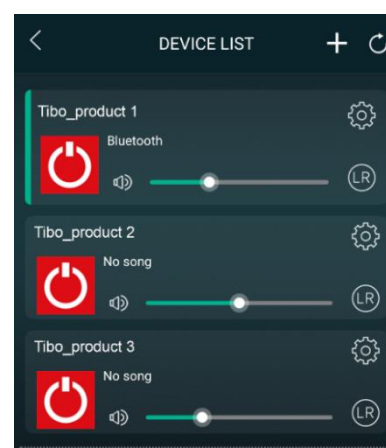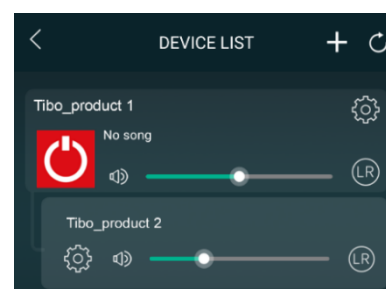- In order to group products together, you will need a minimum of 2 TIBO Smart Audio products. These can be any TIBO Smart Audio products.

- Press the cross icon "＋" in the top right corner to add more devices to your Wi-Fi.

(See **Wi-Fi mode setup**)

- Then follow the same Wi-Fi connection process as before to add more TIBO products to your Device List.

- To group speakers together, simply press and hold one of the speakers within your "Device List" and drag it on top of another speaker.

- Alternatively, you can press the "Group" button on the remote control for the Alchemy, and this will group everything in your Device List with the Alchemy.

- When grouped together, the Alchemy will respond by saying "group mode."

- There will also be a white line on the app to show the connection of grouped speakers.

- Now you can assign each speaker to different channels to make a 2.1 system.

- Simply click the LR circle next to the volume bar to select between Left, Right or Stereo Audio

4.5. Using the pre-set functions

- On the main menu of the TIBO app, click on TuneIn and search for the radio station that you'd like to save as a pre-set.

- Next to all the radio stations you will see a speaker icon on the right of the screen.

- Click on the speaker icon to open the pre-set content.

- Then click on any of the pre-sets 1-4 to save a radio station as a pre-set. The Alchemy will respond by saying "pre-set saved."

- Press the corresponding pre-set button on the Alchemy panel or remote control to recall the pre-set.

5. Bluetooth mode

- Hold the power / mode button to turn on. If performed correctly, the Alchemy will respond by saying "Power on." The Alchemy will then tell you what mode is currently activated. E.g. Wi- Fi mode.

- Press the Bluetooth button on the remote control or the panel and the Alchemy should respond saying "Bluetooth mode."
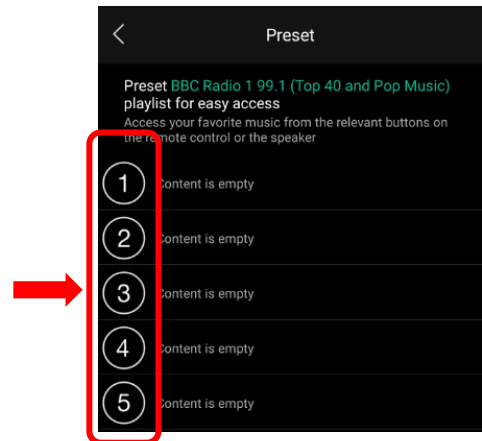
- Enable the Bluetooth setting on your source and your source will then automatically search for nearby Bluetooth devices.

- When 'TIBO Alchemy' appears on your list 'available devices' on you source, click to pair your source with the Alchemy. When connected, the speaker will respond saying "Bluetooth connected."

- You can now play music to the Alchemy via your device.

6. Line In mode

- Whilst the Alchemy is turned off, connect an RCA cable to the 'Line In' port on the rear panel and the other end of the cable to a source with a Line Out port. E.g. phone / turntable. This is to avoid speaker pop when the Alchemy is turned on.

- Turn on the Alchemy by pressing the standby icon on either the remote or front panel. If performed correctly, the Alchemy will respond by saying "Power on." The Alchemy will then tell you what mode is currently activated. E.g. Wi-Fi mode.

- Press the Line In button (remote or panel) until the unit responds saying "Line In mode."

- You can now play music to the Alchemy via your source.

7. Additional Information

7.1. Software updates:

Every so often you may have the opportunity to update the software. This is due to new functions and improved performance.
A red 'update' box will appear next to the 'settings' icon on the TIBO app when there are updates available.

7.2. Factory reset:

Pressing the WPS button will make the Alchemy search for a Wi-Fi connection. However if you HOLD the WPS for 5 seconds, the Alchemy will restore itself to factory settings.

7.3 Ethernet connection:

If you connect one end of an Ethernet cable to the Alchemy and the other end to your router, the Alchemy will bypass the Wi-Fi setup phase on the TIBO app. Then open the TIBO app and the Alchemy will be there in your 'Device List'.

8. Troubleshooting

Problem	Possible Cause
No power	Power cord not connected properly. Power switch turned off.
No sound	The speakers are disconnected. Volume control is at lowest level. The RCA cable is not inserted properly.
Suddenly no sound during operation	▪ Speakers may have been disconnected from Wi-Fi / Bluetooth. ▪ The product may have entered overheat protection mode. ▪ RCA disconnected
Bad sound/sound distorted	Audio source problem Bad or incorrect speaker connections.
Product dropping in and out of Wi-Fi	Wi-Fi speed ▪ Product too far away from router
Cannot connect to router	Ensure router is dual band, as TIBO products only connect with 2.4GHz and NOT 5GHz
Product dropping in and out of Bluetooth	Source is too far away from speaker ▪ Bad Bluetooth signal from source

9. Specifications

Product name	Alchemy Mini Hi-Fi System
Finish	Walnut / White Ash / Black Ash
Power supply	AC 100 – 240 V
Power handling	2 x 50W RMS
Frequency response	20Hz – 20kHz
Impedance	4ohms
Bluetooth range	10 meters
Dimensions (W x D x H)	220 x 270 x 103 mm (Hub)
	150 x 270 x 203 mm (Speaker)
Weight	10kg (Includes Hub and Speakers)
Sound resolution	24 bit/192kHz

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