

Arylic

Play and Enjoy Sound Differently

S50 Pro+

User's Manual



Wireless Streaming Preamplifier



WiFi

aptX™ HD

aptX HD



Spotify



AirPlay



Multi-Room



ESS SABRE

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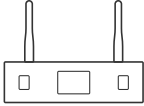
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1. Introduction

S50 Pro+ is a highend audio streaming preamplifier with network and Bluetooth aptX HD connectivity. Applying S50 Pro+ to your current stereo system will enable you to stream music from your smart device, USB, NAS or streaming services, such as Spotify, Tidal or Qobuz in high resolution by 4STREAM App, AirPlay, Bluetooth or other third party compatible apps. Lots of Hi-Fi hardware components, such as ESS9023 DAC, Cirrus Logic ADC are implemented to make a great sound quality, Adding more units to your home audio system can set up a wireless multiroom or multizone whole house audio system, it will give you totally new and great experience to play and enjoy music.

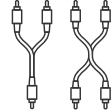
2. What's in the box



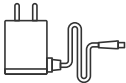
Main Unit x1



User's Manual x1



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



Power Adapter x1



Antenna(3dB) x2



Remote Control x1

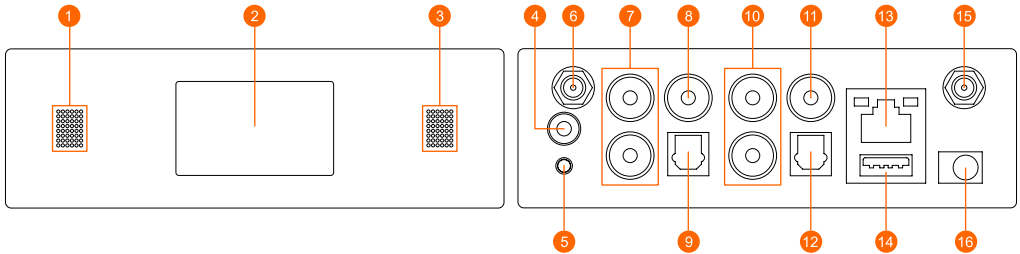
3. Main Features

- Streaming music via network without distance limitation or Bluetooth5.0 up to 15 meters.
- Bluetooth 5.0 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 multiple 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 available and short buttons on remote controller for one button play.
- iTunes working with PC streaming.

4. Specification

Connectivity	Wireless network	IEEE802.11 b/g/n 2.4G
	Ethernet	Single 10/100M RJ45
	Bluetooth	5.0 Qualcomm aptX-HD
	USB Host	Play music from USB pen drive
Frequency response		20Hz to 20kHz
Digital output		Coaxial output
		Optical output
Analog output		1x RCA, 1x Subwoofer
Audio input		1x RCA, 1x Optical in
Power supply		12V/1A
Decoding		Up to 24bit/192kHz
Music format		FLAC/MP3/AAC/AAC+/ALAC/APE/WAV
SNR		110dB
THD		0.03%
Remote		IR remote controller
LED		RED-Standby mode
Display panel		Status info
Dimensions		12x11.3x3.7CM(4.72x4.45x1.46in)
Weight		0.4kg(0.88lb)

5. Interface

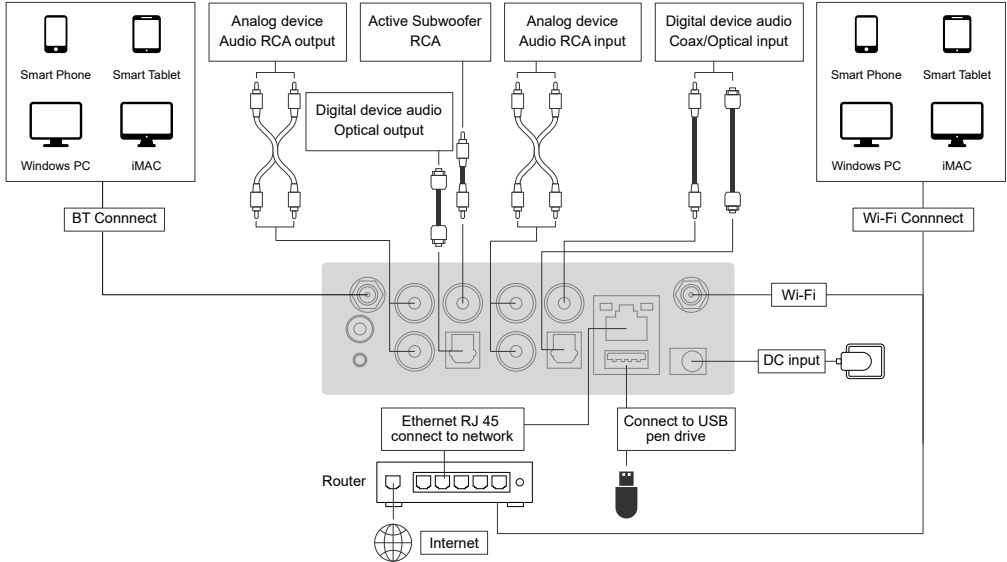


- 1 LED: To show the device status.
- 2 Display Panel: Display status info.
- 3 IR Receiver: For remote control.
- 4 Trigger: 12V trigger output to use with other device.
- 5 Reset: Short press to switch source input. Quickly press twice to reset WiFi/Bluetooth connection. Quickly Press three times to do factory reset. Long press to turn device off and press again to turn on.
- 6 Bluetooth antenna: External Bluetooth antenna for better Bluetooth signal strength.
- 7 Line Input: For external audio sources from TV, CD player and so on.
- 8 Sub Output: To connect active subwoofer.
- 9 OPTICAL Input: For digital input source.
- 10 Line Output: To provide analog audio to other devices.
- 11 Coax Output: To provide digital audio output to amplifiers.
- 12 OPTICAL: Digital audio output.
- 13 LAN: Wired connection to your router.
- 14 USB Host : to connect USB pen drive (1024 tracks at most).
- 15 WiFi antenna: external WiFi antenna for better signal strength.
- 16 DC in: 12V/1A DC input.

6. Remote Controller



7. Connection Diagram



8. How to use

Once power up, the device is in standby mode (red LED is on), use the power button on remote controller or press the reset button to turn it on.

8.1 App Download


Download the 4STREAM application from App Store for iOS based devices and Google Play Store for Android based devices.

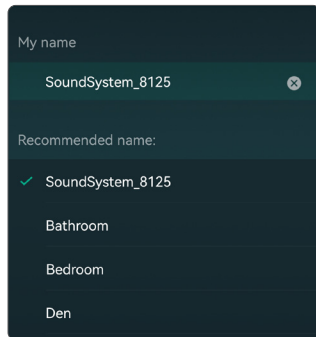
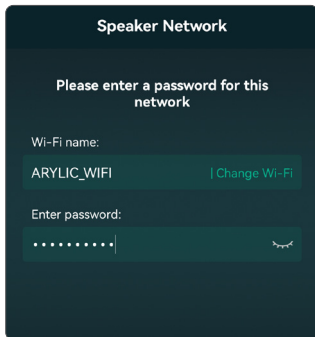
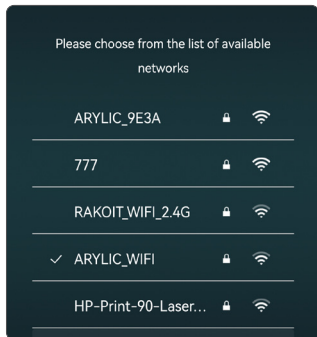
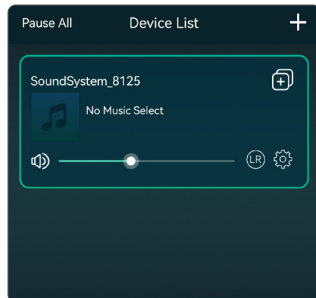
The application supports English, Spanish, French, German, Italian, Portugese, Korean, Simplified Chinese, Traditional Chinese and Japanese.



8.2 Connection

8.2.1 Connection via app

1. Power the device.
2. Connect your mobile devices to your network.
3. Go for mobile device WLAN settings> Connect mobile device to hotspot SoundSystem_xxxx you will see a WiFi logo . (short press the reset button if the hotspot is not found).
4. Open the 4STREAM application, follow the guides, or if you see the device in the device list, click on the + icon on top right corner.
5. Choose the 2.4G network (Only 2.4G network will appear), Enter router password>wait for the device to be configured. *For multiple units connecting to same router, router password will be saved.



*Attention for Android users.

Different Brand Mobile Phones May ask you to Allow to Use SoundSystem WiFi Network, Please Choose yes, If not, You may Not Able to Set up Successfully.

WLAN has no Internet access
Tap for options

Go for your cellphone's WiFi settings and choose your new xxxx hotspot to connect.

Attention:
When you press the WLAN to connect to the network, the cell phone may notify you "WLAN has no internet access". Tap and choose "Stay connected">go next step.

WLAN has no Internet access
WLAN network XXXX_BB5C has no access to the internet. Stay connected?

Don't ask again for this network

Switch networks **Stay connected**

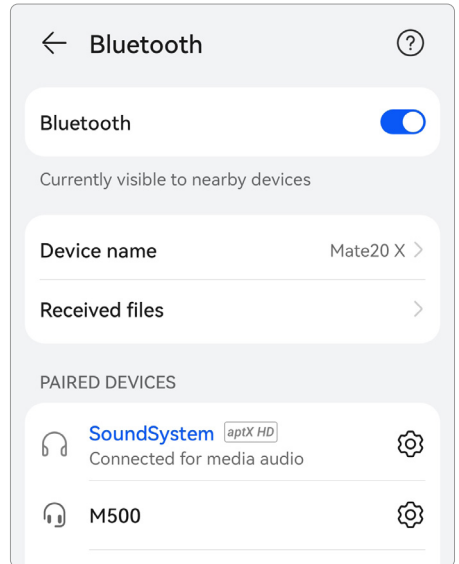
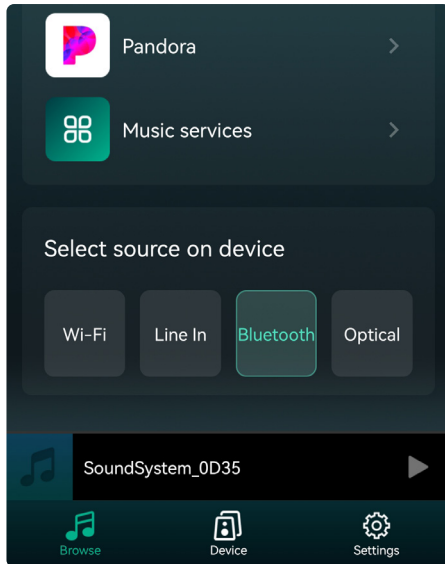
8.2.2 Connection via LAN

Plug in the wired cable to the RJ45 Ethernet, the device will show on the app in about 10 seconds.

(Note: The mobile phone and the device must be in the same network)

8.2.3 Bluetooth

To use Bluetooth, please switch to bluetooth via app or by remote controller, then find bluetooth device **SoundSystem** from your phone bluetooth setting and pair it .



8.3 App Features

8.3.1 Device setting

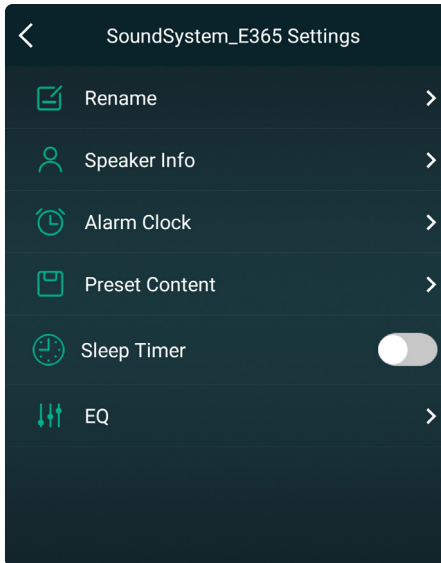
Rename: Change the device name.

Speaker info: Display device information like IP address, Mac 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.



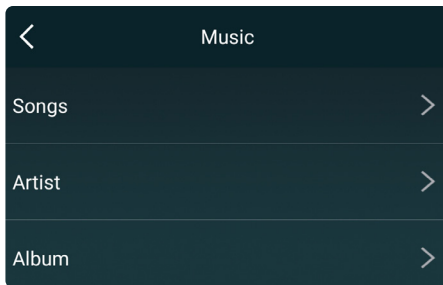
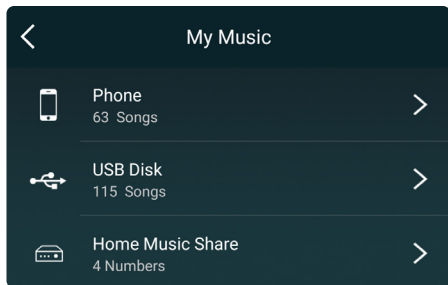
8.3.2 To play local storage music

Click the “**My Music**” on the Application and choose the Music ready there.

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

8.3.3 To Play Music From NAS

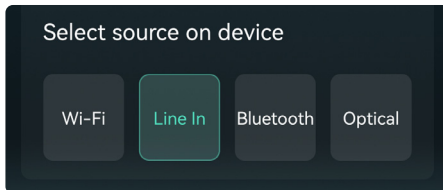
Please note that our system only support NAS with DLNA feature.



8.3.4 To Play Line in Mode

Connect the AUX cables to the TV or other audio sources.

Choose line in mode on the application or remote control.

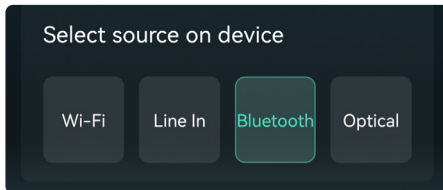


8.3.5 To Play Bluetooth Mode

Choose the Bluetooth mode on the application or remote control, the LED will change to blue.

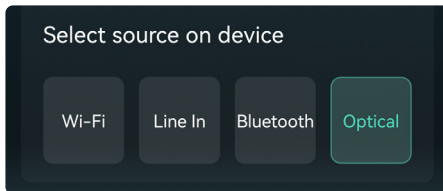
Open the Bluetooth on your mobile device.

Pair the device Bluetooth (SoundSystem) and play.



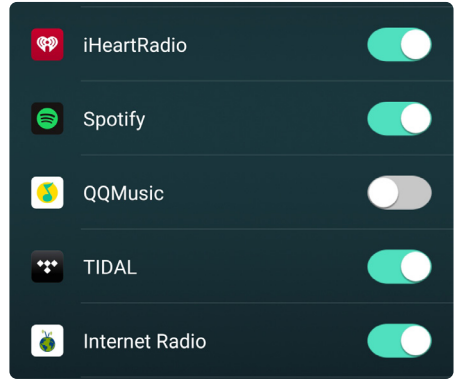
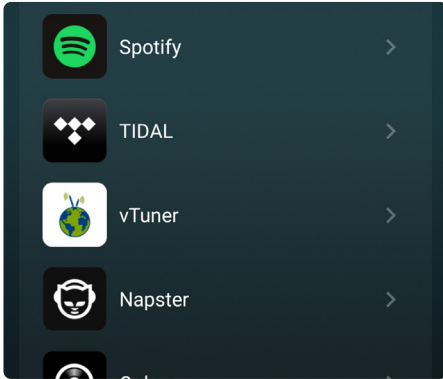
8.3.6 To Play Optical in Mode

Connect a optical cable to the TV or other audio sources Choose Optical mode on the application or remote control.



8.4 Streaming Services

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

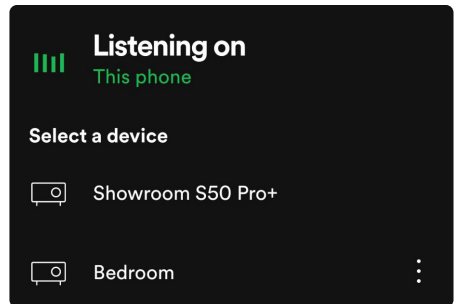


8.4.1 Spotify

To use Spotify, you have to own spotify premium account.

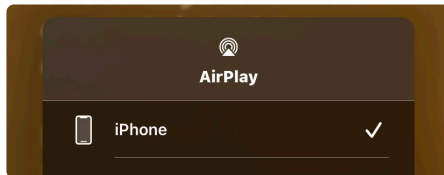
You will find the device in the device list on the Spotify application and choose the device you want to play.

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



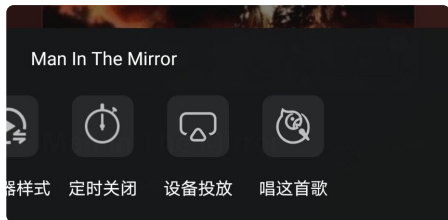
8.4.2 AirPlay

The Device Supports AirPlay1, You can Choose the AirPlay and Play Music.



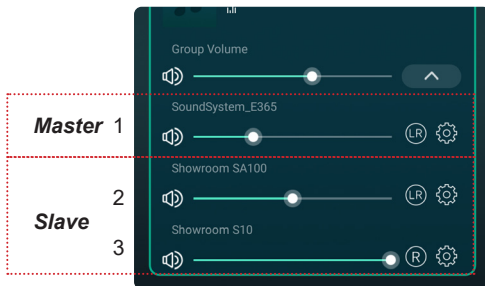
8.4.3 Qplay

Our Devices Support QQ Music using the Qplay protocol, you have to turn on the Qplay in the QQ Music player setting and then find the device in the Qplay list.



8.5 Multiroom and Multizone


Users can group multiple rooms and zones on the application. For example, you can group devices 1, 2 and 3 to play the same music in sync, or group devices 1 and 2 as zone A and devices 3 and 4 as zone B, and play different music in zones A and B.



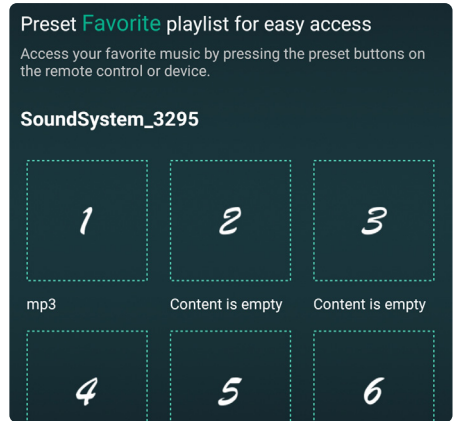
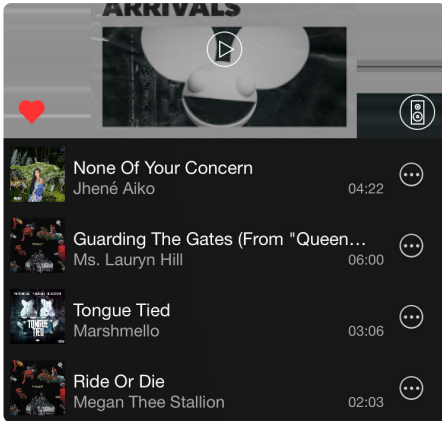
8.6 Left and Right Channel

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 Application

Users can change play mode on the application, WiFi, Bluetooth, Line input and USB. To change from Bluetooth/line input/USB to WiFi, only need choose the online streaming services such as Tidal, Qobuz or Spotify or cell phone local storage music or any music via DLNA or 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, USB.

8.9 Restore Factory Setting

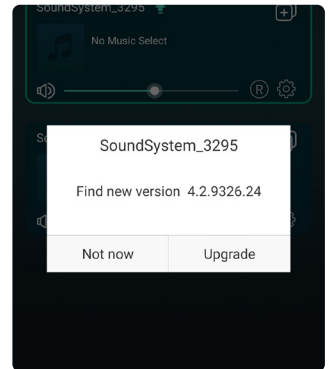
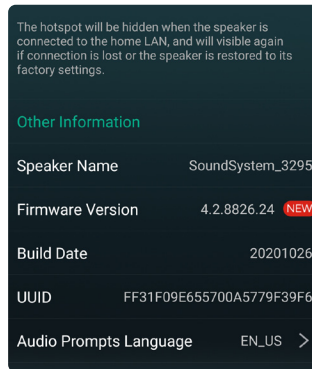
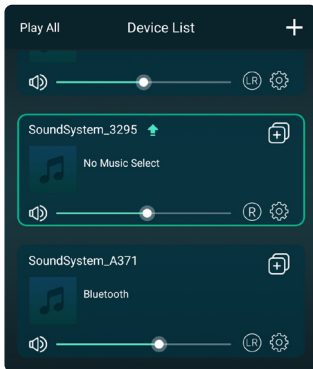
Two methods to restore device to factory setting

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

Method 2: Go for "App setting - speaker info - restore factory setting"

8.10 Firmware Update

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

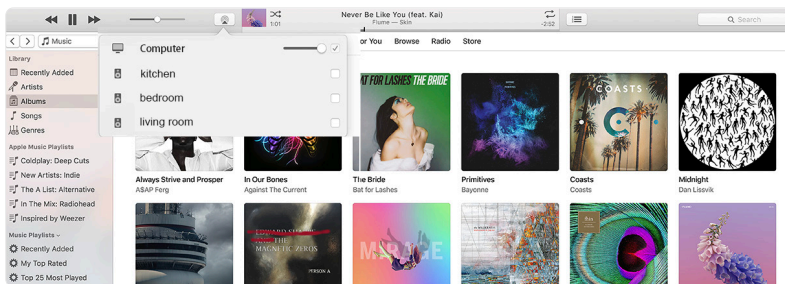


9. Play on PC

There are Several Tools to Play Music from the PC

9.1 To Play Music From iTunes on Mac and Windows PC

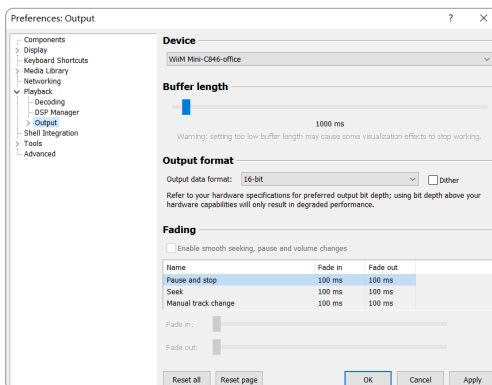
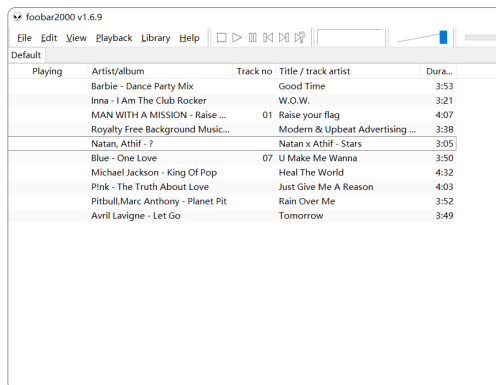
Our devices can stream audio sources from local storage, media library in Mac and Windows PC and online services from iTunes. Users can easily play and switch music, control volume and choose the audio devices to group and upgroup the audio devices.



9.2 To Play Music From Windows PC via Foobar2000

Our Devices Support UPnP Protocol, With the Popular Foobar2000, you can Play Music from Windows PC to Our Devices. Please follow the steps below:

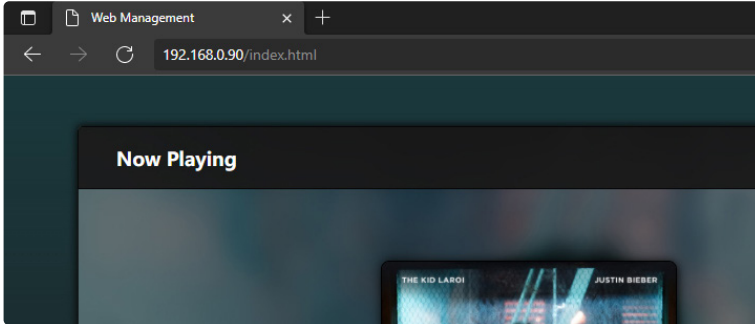
1. Download the Foobar2000 and install it.
2. Refer to the doc how to add UPnP component at our website download column.
3. Refer the link below how to add UPnP Component http://wiki.hydrogenaud.io/index.php?title=Foobar2000:How_to_install_a_component
4. Restart the Foobar2000, Then Check: *Library> configure> output> device, you will see the PLAYER in device option column.*
5. Choose the Device to Play the Music.



10. Web Player Interface

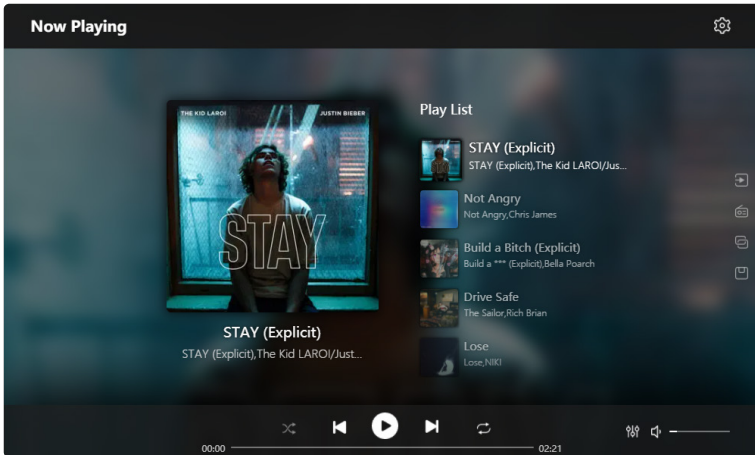
You can access the web player interface by entering the ip address of the device to a web browser.

*You can find the device ip address by clicking on device setup icon, then select Speaker Info.



You can control the volume, Play/Pause, previous/next song, repeat and shuffle function for songs or station you currently playing or access the preset songs/stations you have setup.

You can also change the input source of the device.



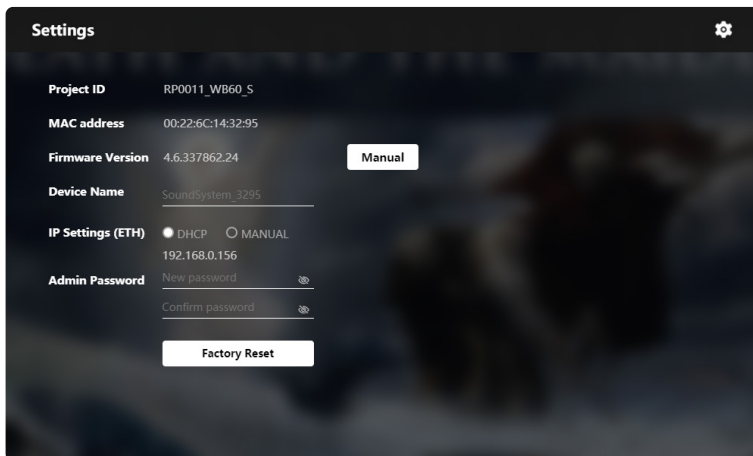
In the setup menu, you can do couple of things:


* When entering the setup interface, a 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 power up the devie, 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. Goto setings 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)



Settings 



Project ID RP0011_WB60_S

MAC address 00:22:6C:14:32:95

Firmware Version 4.6.337862.24 [Manual](#)

Device Name SoundSystem_3295

IP Settings (ETH) DHCP MANUAL
192.168.0.156

Admin Password New password 
Confirm password 

[Factory Reset](#)

FAQ

Q: Do your devices support airplay and third-party DLNA apps?

A: Yes. They support airplay and third-party apps like foobar2000, musicbee...

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 your wireless audio system cover?

A: Once the system is connected to your WiFi router, you can stream your music anywhere there is a WiFi signal.

Q: Can it play high resolution music?

A: Yes. Our devices can play APE and FLAC within the normal bit rate range. They also support decoding 24bit/192kHz music files.

Q: How many languages do you support?

A: Our devices 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: What online music services do you support?

A: Spotify, Deezer, Quboz, Tidal, iHeartRadio, TuneIn, Napster, and more, with more pending.

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, but on the Windows PC, users can use iTunes, Foobar2000 and Spotify connect.

Q: Can all music sources play in multiroom mode?

A: Yes, the online streaming music, line input and Bluetooth all can play multiroom mode.

Q: Does your device support Google Assistant or Alexa?

A: Our devices donot support Alexa, yet through Bluetooth, our device can work with Google Assistant.

Scan the QR codes below for more

Support and After Service : info@arylic.com



www.arylic.com



4STREAM App



Facebook: arylicme



YouTube: Arylic



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