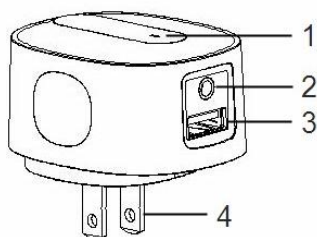


1. Product Description

Now you can enjoy both of **smartphone and tablet** music through your home stereo or stand-alone speaker wirelessly via Avantree Roxa. Roxa is a simple to use Bluetooth 4.0 home music receiver which incorporates new aptX codec for high audio quality. Plug Roxa into wall socket, and relax yourself in the music world and no need worrying about Roxa will powering off. You and your family member can share or take turns playing music from your Bluetooth devices due to Roxa support 2 device pair and connect at the same time. Extra 1A USB charging port, enable you to charge your phone and enjoy music at the same time!

2. Product Overview

- (1) LED Indicator
- (2) 3.5 mm audio socket
- (3) 1A USB charging port
- (4) Pin power plug
(US / EU / UK / AU Pin optional)



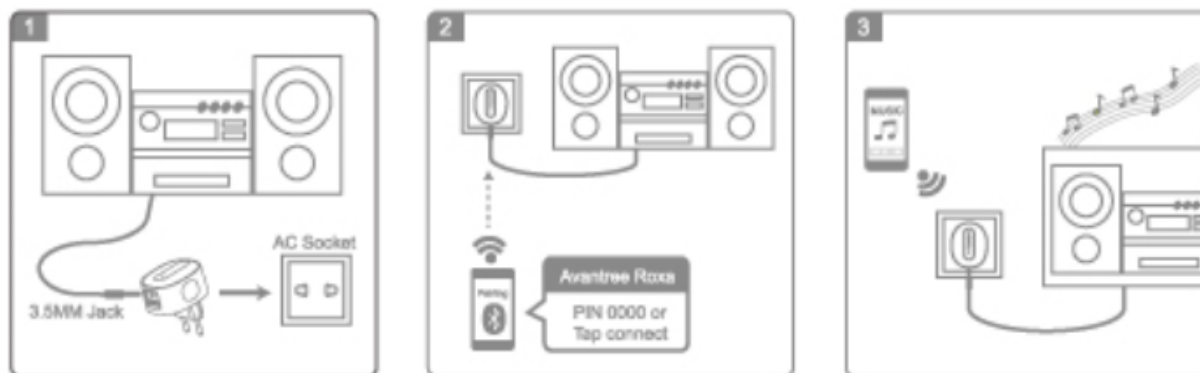
What's in the box:



- Avantree Roxa
- 3.5mm to 3.5mm audio cable
- 3.5mm to RCA audio cable
- User Manual
- Gift card

3. Setting up your Bluetooth home music receiver

- A) The red LED will go on automatically when the device is plugged into a standard AC socket
- B) Plug the 3.5 mm audio cable end into Roxa's 3.5 mm audio socket, and plug other end (or 2 x RCA) into the audio input of your home stereo system. Roxa's blue LED will go on. 10 seconds later it will enter into pairing mode – the red and blue LEDs will blink quickly. Pairing mode will last 2 minutes.
- C) Paired with Bluetooth phone / tablet / PC or other Bluetooth transmitter
- D) After successfully pairing and connect, you can enjoy music from your home stereo speaker, and control play-list via your phone within 10 meter range.



4. Pairing with a Bluetooth device (Tutorial online)

- A) Enter into pairing mode

Function	Operation	LED indicator
Power on	Plug Roxa into standard AC socket	Red Led stays on.
Turn on Bluetooth	Plug 3.5 mm audio cable end into Roxa's 3.5 mm audio jack of Roxa	Red Led off, and Blue Led blinks every 1 seconds. (lasting for 10 seconds)
Enter pairing mode	Roxa will enter pairing mode automatically when turn on	Blue & red Led light blinks alternately and quickly (lasting for 2 minutes)
Turn off Bluetooth	Pull the 3.5mm audio cable from Roxa's 3.5 mm audio jack	Blue LED off, Red Led stays on.

Notes:

The pairing mode will last 2 minutes, Roxa will into standby mode automacically, if no devices can be connected and paired within 2 minutes.~~(Based on~~ if the 3.5 mm cable is still plugged into the Roxa's 3.5 mm jack port of Roxa).

B) Pairing with Bluetooth phone / tablets :

Pls. make sure your phone has Bluetooth function and it is available. The pairing procedures are different for different devices. Please refer to your cell phone / tablets / laptop / desktop user manual for further instructions.

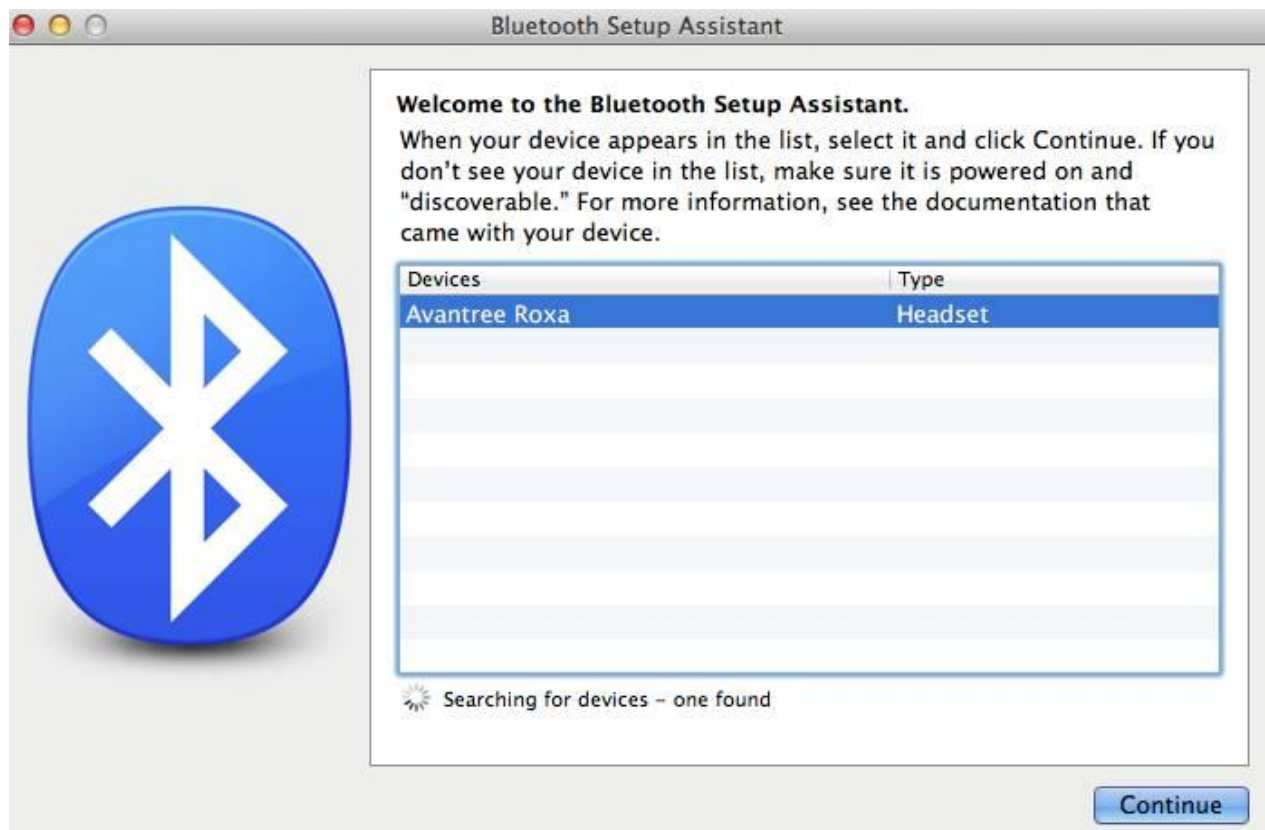
The general pairing procedures are as follows: (Taking iPhone as an example)

- A. Put Roxa and iPhone within 1 meter when pairing.
- B. **Make** Roxa into pairing mode (refer to “ Enter into pairing mode” above)
- C. From your iPhone home page, tap “**settings**” → “**General** “ → “ **Bluetooth**” → “ **On**”
- D. iPhone will auto scan the available Bluetooth devices. Choose to tap “**Avantree Roxa**” from the list of devices shown; and now your iPhone and Roxa is connected and ready for use.
- E. After pairing and connect successful, complete Blue LED will blink twice every 8 seconds.

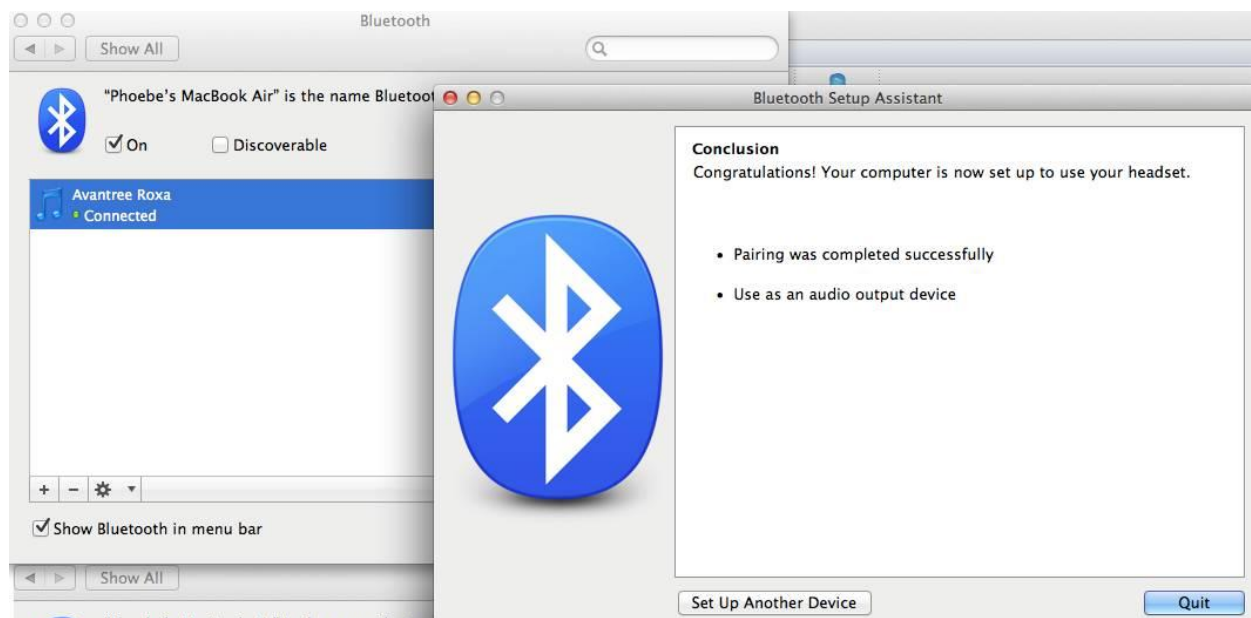
C) Paring with Mac

The general pairing procedures please kindly reference below steps:

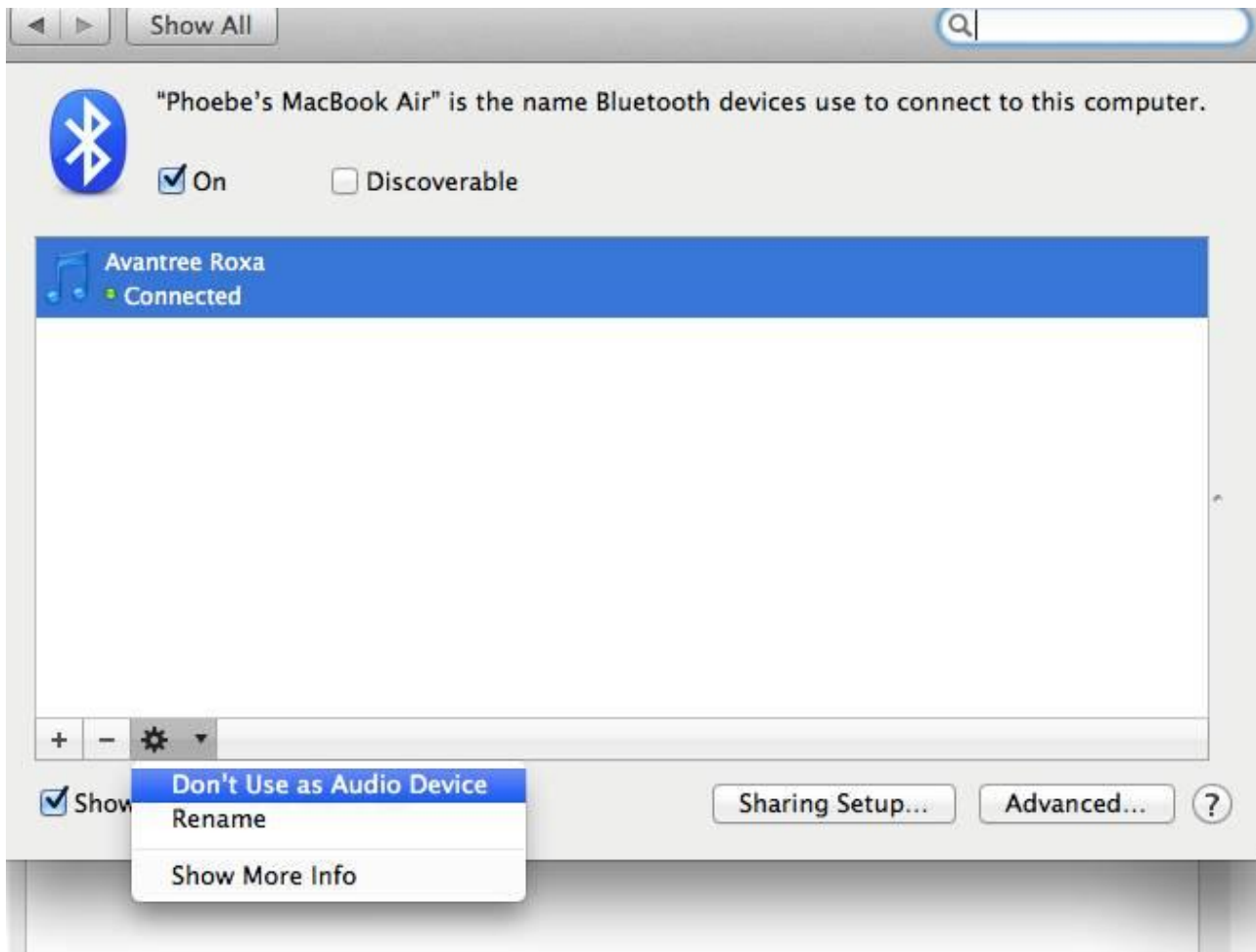
Step 1 – search bluetooth device from MacBook



Step 2 – double click Roxa and connect



Step 3 – set Roxa as your audio device



Now you can stream music over to your hi-fi

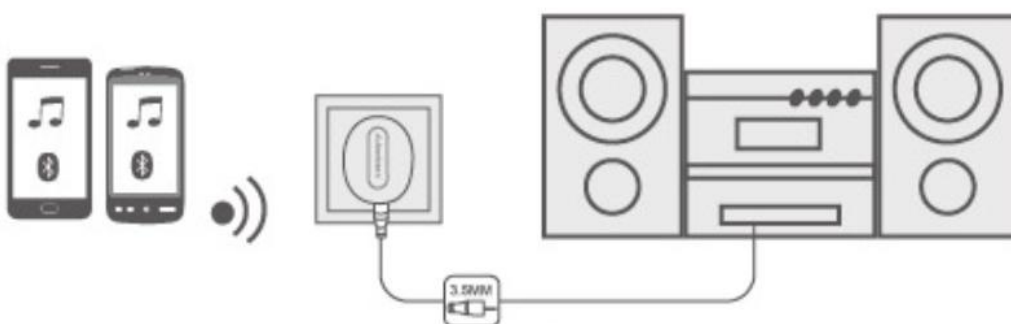
Notes:

- 1) Roxa can remember eight paired devices, when the number of devices exceeds eight, the first one will be replaced.
- 2) If the phone and Roxa over range (normally exceeds 10 meter or above), the Roxa will disconnect and enter standby mode. It will connect automatically if phone and Roxa back to available range within 5 minutes. Or you can select Roxa on the phone.

We found most of the online technical support questions are caused by improper pairing. Please follow the instruction step-by-step.

5. Advanced feature – Multipoint for smartphone / tablet

Roxa can connect with 2 phones or 2 tablets or **1 phone and 1 tablet** simultaneously, pls. follow below steps:



Step 1. Turn off the Bluetooth function on the device which previous connected with Roxa

Step 2. Unplug 3.5 audio cable from Roxa, or unplug Roxa from wall socket

Step 3. Roxa pair and connect with second device. (Details please kindly take reference to 4.2 pairing with Bluetooth phone / tablet)

Step 4. Turn on your first device Bluetooth function, after that Roxa will auto connected with 1st device, or make Roxa connected with 1st device manually. (The various Bluetooth setting device is different)

Notes:

- 1) When Roxa is already connected with 2 devices and turned on again, it will connect with these two devices automatically.
- 2) Roxa can only output music from one Bluetooth device. If you want to play music from another Bluetooth device, please pause current device's music first.
- 3) Roxa can only can paired and connected with 1 desktop or laptop a time, due to chipset firmware issue.

6. Advanced feature – Supply 1A power for other electronics device

USB port of Roxa can provide DC 5V - 1A for other electronics device. You can charge device via USB port and streaming music at the same time.



Notes:

- 1) Pls. use standard USB cable which are compatible with your device.
- 2) The USB port can only provide DC 5V and the max charging current not exceed to 1A.

6.1 LED indicator

Status of receiver	LED indicator
Powered on but Bluetooth not activate	Red LED on for long time
Pairing mode	Blue and red LED flash alternately and quickly lasts for 2 minutes
Standby mode (not connect device)	Blue LED flashes once every 2 seconds
Standby mode (device connected)	Blue LED flashes twice every 8 seconds
Charging and Bluetooth in standby mode (device connected)	Blue LED flashes twice every 8 seconds
Charging and Bluetooth in standby mode (no device connected)	Blue LED flashes once every 2 seconds

6.2 F A Qs

A) Why the Roxa can not paired with phone ?

- 1) Please make sure Roxa is in pairing mode.
- 2) The paring mode will last 2 minutes, it will enter standby mode automatically if exceeds 2 minutes.

3) Please turn on Roxa's Bluetooth function again for enter to pairing mode again.(By unplug 3.5mm audio cable from Roxa and plug it again to Roxa)

4) Please kindly check if your phone support A2DP profile, and have turn Bluetooth on also visible to all nearby Bluetooth devices

B) Why can't Roxa be paired and connect with a laptop?

Please kindly make sure your laptop have Bluetooth function and the Bluetooth software support audio profile **transmit**.

7. Product Specification

Bluetooth receiver

- * Bluetooth V4.0 + EDR
- * Support profile: A2DP
- * Support codec: aptX, AAC, SBC
- * Operation distance: Class 2, 10 Meter

Audio

- * Output impedance line out: 32Ω
- * Total harmonic distortion: 0.6%
- * Signal to Noise Ratio: $\geq 60\text{dB}$ (1KHz,A-Weighted)
- * Frequency response: 20~20000Hz

AC power

- * Input voltage: AC100-240V 50/60Hz
- * USB output voltage / Current: 5V / 1000mA
- * Weight: 45.6g
- * Size: 45.5*55.5*33.5mm

8. Safety Information

- To avoid any damage or malfunction of the device do not drop device from high places.
- Keep device away form humidity, water and any other liquid. If the device is exposed to water, moisture and other liquid, do not operate it to avoid any electrical shock, explosion and damage to the device or yourself.
- Do not place or keep this device near any heat source, such as, direct sun light, radiators, stoves or other apparatus which produces heat. It may cause explosion, degrade the performance and/or reduce battery life.
- Do not modify, repair or disassemble device at discretion (Especially battery: It may cause an explosion). Doing this will avoid the warranty.
- Do not place heavy objects on the device.
- Use only supplied and approved charger.
- Replacement or service must be done by qualified service center or manufacturer.
- Unplug this device when unused for long periods of time or during lightning storms.

CAUTIONS: ELECTRIC SHOCK HAZARD

The battery used in this device may present a risk of fire or chemical burn if mistreated.

9. Declaration of Conformity

9.1. EU

This product is CE certified according to the provision of the R&TTE Directive (99/5/EC).

Declare that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

9.2. FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: The manufacturer is not responsible for ANY interference, for example RADIO or TV interference, caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

9.3 FCC RF exposure

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .This equipment should be installed and operated with minimum distance 1.5cm between the radiator& your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

9.4. IC Statement

This device complies with Industry Canada license-exempt. RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference, and**
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.**

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et**
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."**

9.5. Trademark Statement

The *Bluetooth* word mark and logos are owned by the Bluetooth SIG, Inc.

Avantree is a trademark owned by Avantronics limited.

aptX™ words and logos marked with a ™ or ® are trademarks registered or owned by CSR plc or one of its group companies and may be registered in one or more jurisdictions except that not all such marks are registered in all countries where products are available.

10. Warranty

- To avoid any damage or device malfunction, do not drop the device from high places.
- Keep the device away from humidity, water and any other liquid. If the device is exposed to water, moisture and other liquid, do

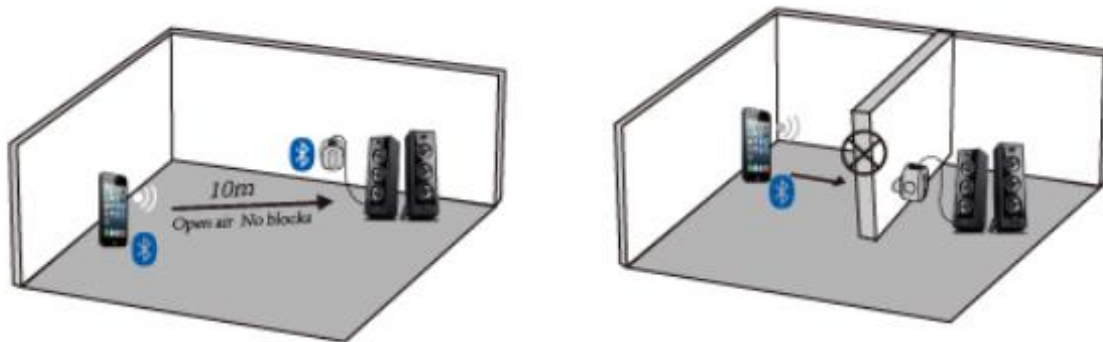
not operate it to avoid any electrical shock, explosion and damage to the device or yourself.

- Do not place or keep this device near any heat source, such as, direct sun light, radiators, stoves or other apparatus which produces heat. It may cause explosion, degrade the performance and/or reduce battery life.
- Do not modify, repair or disassemble the device (Especially battery: It may cause an explosion). Doing so will void the warranty.
- Do not place heavy objects on the device.
- Use only the supplied and approved charger.
- Service must be done by qualified service center or manufacturer.
- Unplug this device when unused for long periods of time or during lightening storms.

CAUTIONS: ELECTRIC SHOCK HAZARD

The battery used in this device may present a risk of fire or chemical burn if mistreated.

How to get the maximum range



Online Tutorial & Technical Support

More information about this product and other Avantree Bluetooth products, including the *video user guide*, *product tutorial* and online technical support, please refer to www.avantree.com website.

Due to software update, there could be some changes on operations. Please always refer to Product Tutorial page in Avantree website for the latest features.