



α -8P α -10P

User manual EN

用户手册 CN

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Safety instructions for using

General information

This instruction manual contains important instructions regarding the safe operation of this product, please follow this safety instruction and all other instructions, and save this instruction manual for future reference. If you sell the unit, make sure the buyer also receives this instruction manual. Our products are in a process of constant development, and as such, they may change.

Using information

All precautions are clearly highlighted in this manual. The following signal words are used for preventive measures.

DANGEROUS THIS WARNS OF A HAZARD THAT MAY RESULT IN SERIOUS INJURY OR DEATH IF INSTRUCTIONS ARE NOT FOLLOWED.

WARNING THIS WARNS OF A HAZARD THAT MAY RESULT IN SERIOUS INJURY OR DEATH IF INSTRUCTIONS ARE NOT FOLLOWED. DAMAGE IF INSTRUCTIONS ARE NOT FOLLOWED

CAREFUL THIS WARNS OF A HAZARD THAT MAY RESULT IN REVERSIBLE INJURY OR CONSIDERABLE MATERIAL DAMAGE IF INSTRUCTIONS ARE NOT FOLLOWED.

NOTICE THIS WARNS OF A HAZARD THAT MAY RESULT IN MALFUNCTION OR CONSIDERABLE MATERIAL DAMAGE DURING OPERATION. ENVIRONMENTAL DAMAGE MAY ALSO OCCUR IF INSTRUCTIONS ARE NOT FOLLOWED.

Using identification

-  General warning of hazardous locations
-  Hanging warning
-  Notice

Expected Usage

This device is designed for use in PA systems. Please follow the instructions in this user manual to use this device. Any operation under other operating conditions is considered inappropriate and may result in personal injury or property damage. The manufacturer assumes no responsibility for damage caused by improper use.

This equipment may only be used by persons with adequate professional skills, sensory and intellectual abilities and appropriate knowledge and experience. Other persons may use this equipment only under supervision or instruction of a person responsible for its safety.

Safety instructions

May cause harm to children
 Make sure plastic bags and packaging **Dangerous** materials are properly disposed of and kept out of the reach of infants and young children, as there is a risk of suffocation!

>Make sure children cannot detach any small parts (such as knobs, etc.) from the product. They could swallow the pieces and choke to death!
 >Never leave children alone with electronic devices.

May cause hearing harm
 This device may produce volume levels **Careful** that may cause temporary or permanent hearing loss. Even seemingly unremarkable volume levels can cause hearing loss over a long period of time.

>If you suffer from frequent tinnitus or hearing loss, lower the volume immediately. If this is not possible, keep a greater distance or use adequate ear protection.



Installation Instructions

Installation

Unpack the device and carefully inspect it for shipping damage before using the device. Please save the device packaging. To fully protect the product from vibration, dust and moisture during transport or storage, please use the original packaging or your own packaging material suitable for transport or storage. Please make all connections while the device is turned off. Use high-quality cable connections that are as short as possible.

Suggestion

We recommend that you set up this product in a way so that the sound signal reaches your audience unimpeded. It is also helpful to mount this product on a tripod, so the sound will be evenly distributed throughout the audience area with maximum dispersion. Use high-quality cables to connect your devices, otherwise maximum sound quality will not be achieved. If distortion is found when sound playback during operation, the amplifier or the product is overloaded, which may permanently damage the amplifier or the product. Once distortion is found during sound playback, please reduce the volume.



Warning

Risks from falling objects

Make sure the installation complies with the standards and rules applicable to your country. Please use safety devices to protect equipment, such as safety ropes or safety chains.



Notice

May be damaged by magnetic fields

Speakers generate static magnetic fields, so if possible keep as far away from negatively affected devices as possible to avoid being affected or damaged by external magnetic fields.



Notice

Use of stand

When installing the device onto the stand, make sure the stand is in a safe and stable position, and also the weight of the device does not exceed the maximum allowable load capacity of the stand.

Product description

Overview

Thank you for choosing the Beta Three **α** series portable battery-powered full-range speakers. We will wholeheartedly provide you with high-quality products and services, and hope that it will bring you more wonderful sound experiences.

This guide details the installation and operation of your **α** Series system, explaining how to connect various audio sources to the system. For more information on how to use the system, including tips, tricks and FAQs, visit www.beta3pro.com.

Product Description

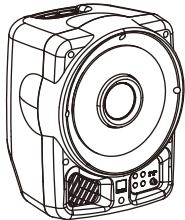
- Beta Three **α** series portable battery-powered full-range speakers are professional active speakers with built-in batteries and amplifiers, and have full-range response. It can be connected to various audio source devices through Bluetooth or line input, such as mobile phones, computers, MP3 players, etc. It can also be connected to microphones and musical instruments to realize self-playing and singing.
- This speaker uses TWS wireless connection technology, you can make a stereo wireless connection through TWS. The operation is simple and the connection can be completed with just one click, making it easier for you to use.
- **α** series portable battery-powered full-range speakers provide clearer, more realistic audio performance. Use high-quality speaker units and amplifiers to ensure high sound fidelity and sufficient volume.
- In addition, the **α** series portable battery-powered full-range speakers are equipped with a large-capacity built-in battery to support long-term audio playback. At the same time, it is small, lightweight and easy to carry.
- The **α** series portable battery-powered full-range speaker is a powerful, excellent sound quality, portable and convenient speaker, suitable for various occasions, such as business roadshows, outdoor activities, parties, family gatherings, leisure entertainment, small performances, etc.

Features and Advantages

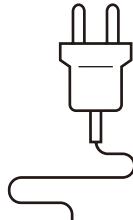
1. Specially designed high dynamic woofer and tweeter.
2. Polypropylene box made of high-strength polymer injection molding.
3. Point sound source design, the treble horn is installed coaxially with the bass, perfectly reproducing human voices and music.
4. Three-channel mixer, 1×instrument channel and 1×microphone channel, each with independent EQ adjustment; 1×AUX/Bluetooth input.
5. Various atmosphere effects can be achieved by adjusting different lighting modes.
6. Bluetooth 5.0, TWS stereo pairing with another speaker.
7. Large-capacity rechargeable lithium battery, battery life is 8 hours.
8. Can be used for live sound reinforcement or monitor speakers.



Packaging List



Speaker x1



AC power cable x1



User Manual x1

Optional Accessories



Backpack



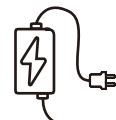
Tripod



Wired
Microphone



Wireless
Microphone



DC Power
Adapter

Please visit www.beta3pro.com for a complete list of optional accessories.

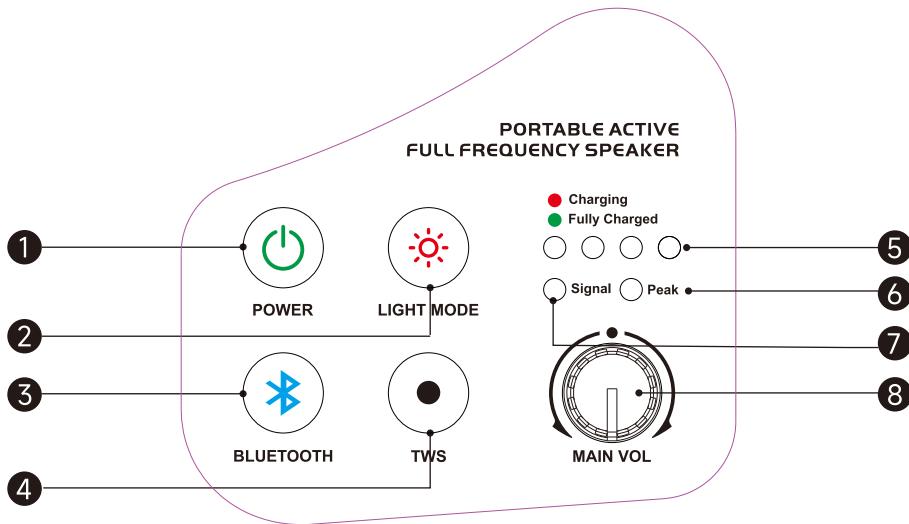
Technical Specifications

Model	α-8P	α-10P
Acoustic Specifications	Frequency Response (-10db)	64HZ-18KHz
	Max. SPL @1m	112dB/118dB
	Dispersion (HxV)	60° x 60°
Transducers	Woofer	1 x 8" LF
	Tweeter	1 x 3" HF
Input Channel	Guitar Input	6.35
	Microphone Input	6.35
	Bluetooth Input	Bluetooth 5.0
	AUDIO IN	AUX IN/ 6.35
	AUX IN (Cascade Input)	Bluetooth Wireless (TWS)
Output Channel	Cascade Output Channel	Bluetooth Wireless (TWS)/6.35
Power	Rated Power(RMS)	120W
	Long-term Max. power(Music)	240W
	Short-term Max. power(Peak)	480W
Power supply section	Voltage range	AC 110V/230V, 50Hz/60Hz
	Battery	21.6V/2.2Ah/47.52Wh
	Play time	Playing popular music at half power: about 10 hours Full power: about 7 hours (yellow light on)
Appearance	Cabinet material	Polypropylene plastic injection molding, powder coated grill
	Handle	1 x Plastic handle
Dimensions	Net dimensions (W×D×H)	323×271×397 mm (13.3×10.7×15.6 in)
	Packaging dimensions (W×D×H)	380×330×460 mm (15.0×13.0×18.1 in)
	Net weight	8.5 kg/18.7 lb
Weight	Packaging weight	10.0 kg/22.0 lb
	Optional accessories	Backpack, Tripod, Wired Microphone, Wireless Microphone, DC Power Adapter



Front Panel

Front Panel



1. Power On/Off Button

2. Light Mode Button

(Press to switch light mode)

Light mode: Green breathing, Red breathing, Blue breathing, Purple breathing, color breathing gradient, Color marquee, Rhythm, White

3. Bluetooth Pairing Button

4. TWS Wireless Cascade Button

5. Battery Level Indicator Light

When the first light turns red, the device is charging.

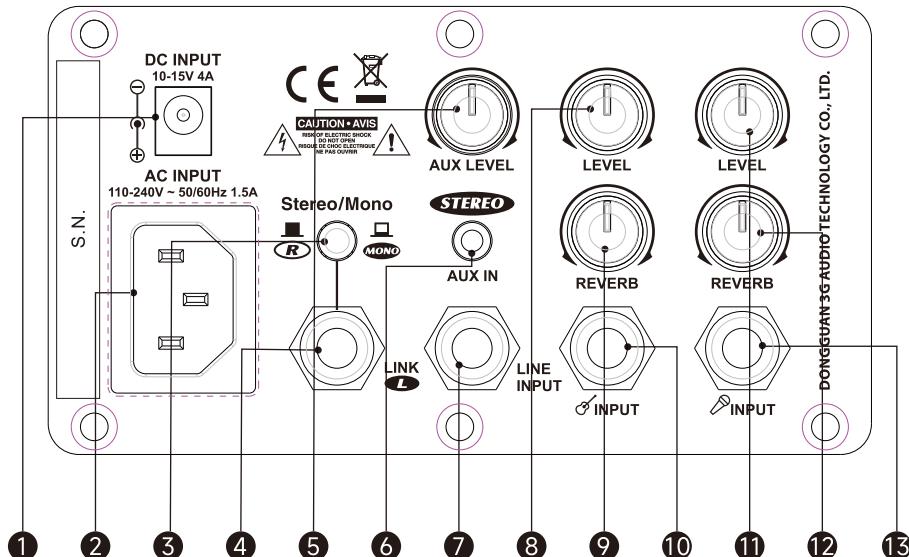
When the light turns green, the device is fully charged.

6. Peak Indicator Light

7. Signal Indicator Light

8. Main Volume Control Knob

Rear Panel



1. DC 12V 4A input
2. AC 110V~240V input
3. Stereo (right channel) / Mono switch button
4. Cascade output(left channel)6.35 interface
5. AUX input channel volume control knob
6. Stereo input channel 3.5mm interface
7. Line input channel 6.35mm interface
8. Guitar input channel volume control knob
9. Guitar input channel REVERB reverberation, control knob
10. Guitar input channel 6.35mm interface
11. Microphone input channel volume control knob
12. Microphone input channel REVERB reverberation, control knob
13. Microphone input channel 6.35mm interface

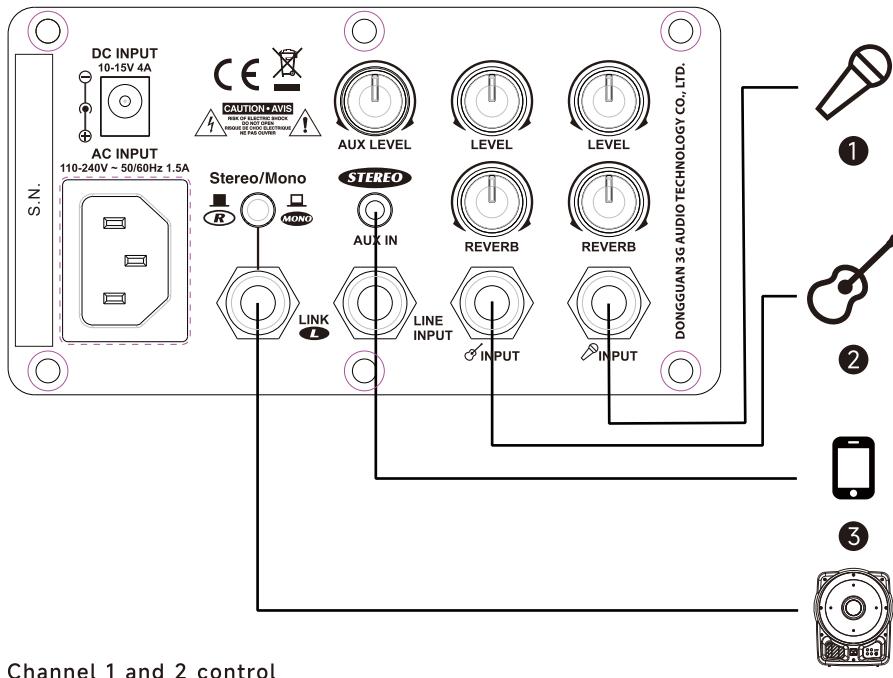


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Connect with audio source

Connect with audio source

Before connecting your audio source, turn the channel volume control fully counterclockwise.



Channel 1 and 2 control

Channel 1 is for dynamic microphone.

Channel 2 is for guitar, keyboard or other instruments.

1. Connect your audio source to the channel input on channel 1 or 2.
2. When speaking into the microphone or playing an instrument, adjust the volume control clockwise until the volume reaches the desired level.
3. When speaking into the microphone or playing an instrument, adjust the reverberation control clockwise until the volume reaches the desired effect.

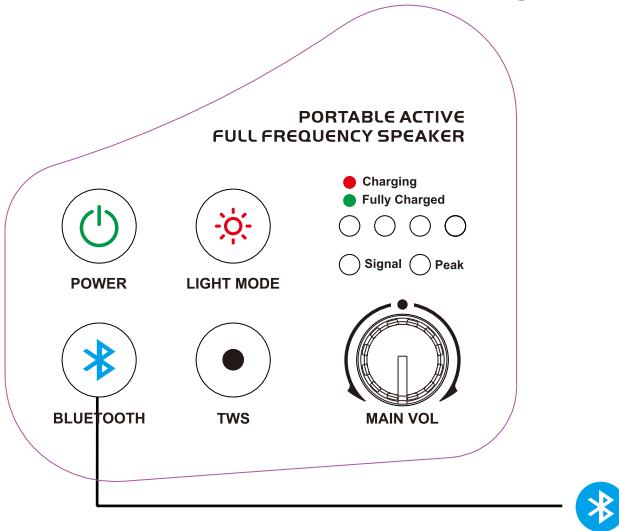
Channel 3 control

Channel 3 is used to connect Bluetooth-enabled devices and line-level audio inputs.

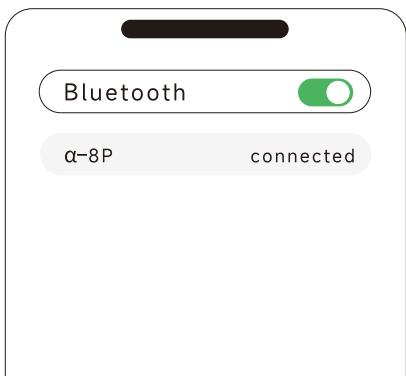
Channel 4 control

Cascading with next device.

Bluetooth Pairing



- Turn on the speaker (Bluetooth turns on automatically), Bluetooth button flashes.



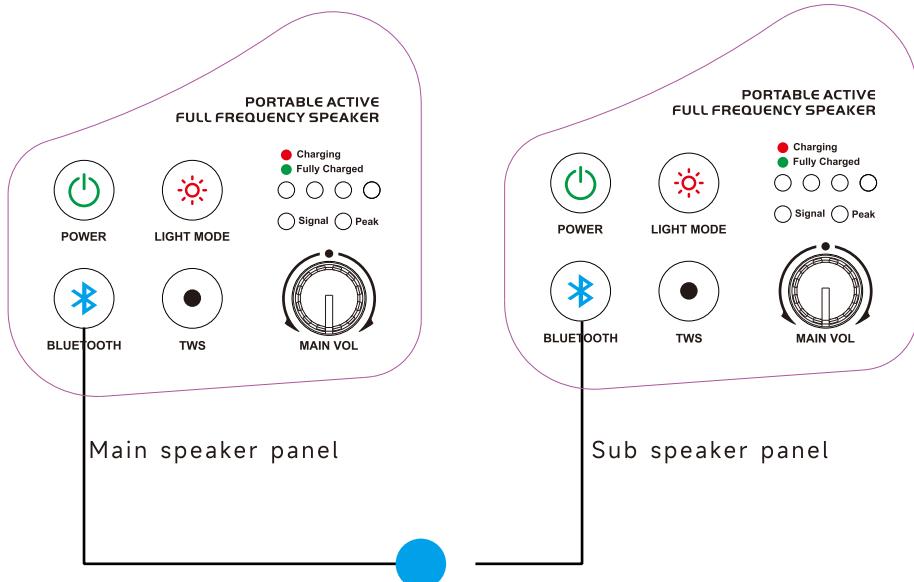
- Turn on the Bluetooth function on your mobile device (phone/tablet). Note: Bluetooth functionality is usually found in the Settings menu.
- Select the α series system from the device list.
- Select Confirm Connection in the pop-up window that pops up on your mobile device.

Note: When the device is successfully paired, the Bluetooth button on the speaker will change from flashing to solid blue.

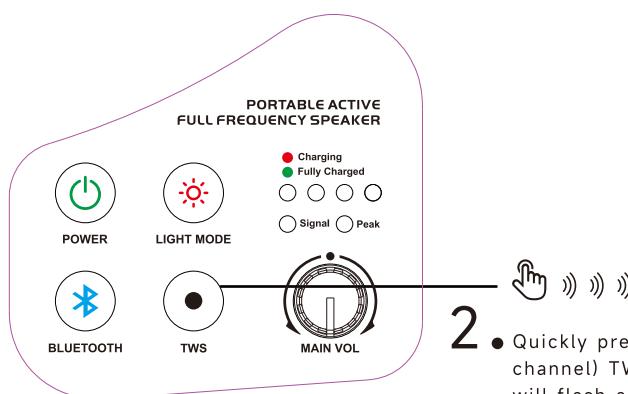
Note: If a paired device receives an incoming call, any music playing will stop and the phone will ring; you cannot answer calls or receive notifications through this speaker.



TWS Stereo Pairing

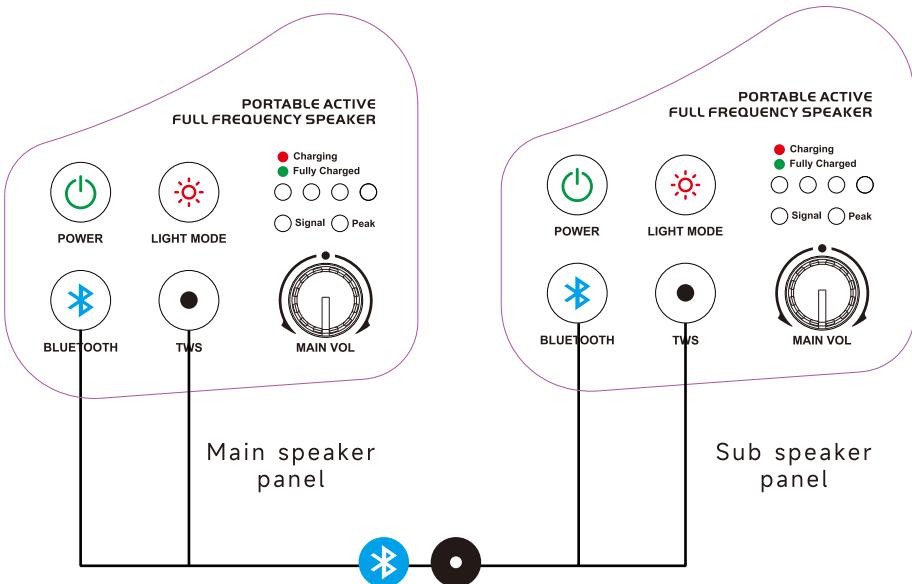


1. Turn on the main speaker (left channel) (Bluetooth turns on automatically). Turn on the sub speaker (right channel) (Bluetooth turns on automatically). The Bluetooth button flashes.

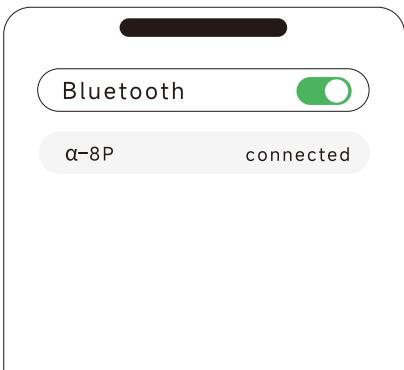


2. Quickly press the main speaker (left channel) TWS button, the TWS button will flash and automatically search for a connection.

TWS Stereo Pairing



3 • Wait until the TWS button of the main speaker is always on and the Bluetooth button is flashing; after the TWS button and Bluetooth button of the sub speaker are always on, the two devices have been automatically connected and the stereo is automatically turned on.

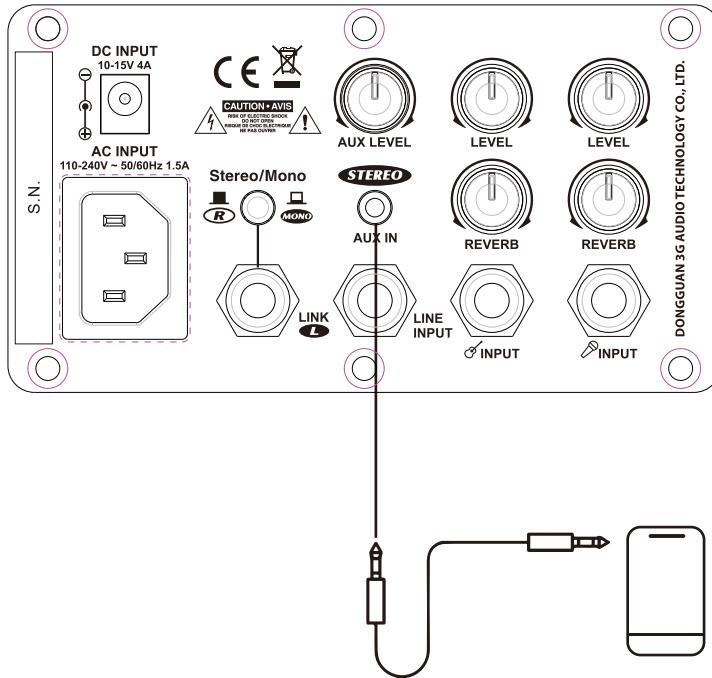


4 • Turn on the Bluetooth of your phone and find the name "a series". Click "a series" on your mobile phone. If the main speaker's Bluetooth button is always on, it means the connection is successful. Play music to confirm that the Bluetooth stereo function is normal.



Auxiliary input

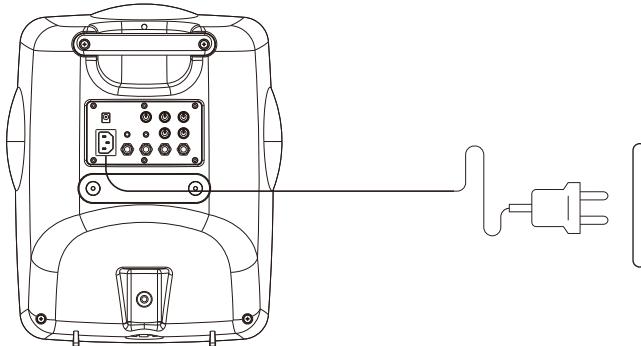
Auxiliary input



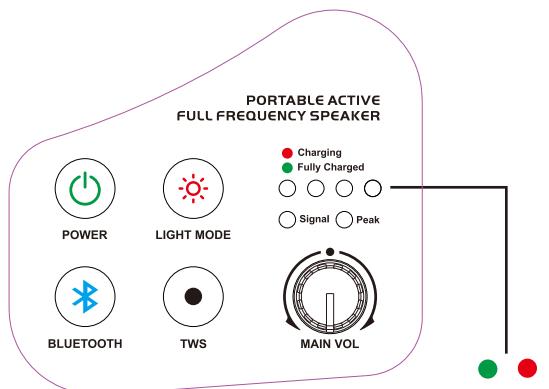
- Connect a line-level audio source to the AUX input via a 3.5 mm (1/8-inch) cable.

NOTE: Bluetooth input in prio, as the AUX and Bluetooth share the same input channel.

Charging Battery



- The speaker can be plugged into AC power at any time, and the battery will charge when the system is not in use.



- Battery indicator light

- The power LED will display the current status of the battery usage time. When in charging mode, the first battery light will light up RED●. When the battery is fully charged, all the battery lights will light up GREEN●.



Application

There are many ways to use the **α** Series. The following pages list typical setup scenarios.

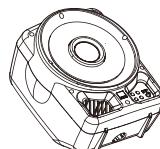
Flat position/Reclined position

Place the **α** Series on the table in front of the room or on the ground for roadshows. Plug in the microphone while playing music wirelessly from your Bluetooth-enabled phone.



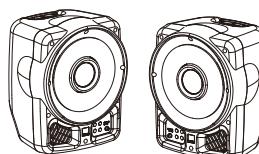
Monitor speaker

Place the **α** series speakers rear-mounted on the floor to use as stage monitor speakers. Use it as a stage monitor speaker facing the performer.



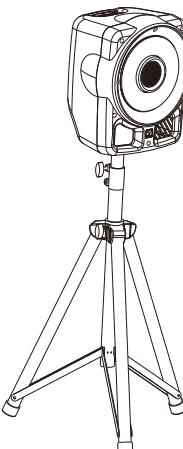
TWS Wireless Stereo

Use two **α** Series to build a TWS wireless stereo PA system. The system has wide and consistent coverage, ensuring that all listeners in the room can easily hear the performance.



Speaker stand installation

The bottom of the speaker contains a support base for mounting the speaker to a standard 35mm stand. Using traditional speaker stands, you can use the **α** Series as a PA system. Connect a microphone and play music wirelessly via Bluetooth wireless transmission.



WARNING: Never use the speaker system on an unstable tripod/stand. Speakers may only be used on 35mm poles and the tripod/stand must be able to support a device weighing a minimum of 8kg and having an overall size of 323*397*271mm. Using a tripod/stand unable to support the R8P system may create an unstable and dangerous situation, leading to injury.

Clean your speaker

Only use a dry, soft cloth when cleaning the product housing. If necessary, carefully clean the speaker grille with a vacuum cleaner.



NOTE: Never use any solvents, chemicals, or cleaners containing alcohol, ammonia, or abrasives.
NOTE: Never use a sprayer near the product or allow liquid to spill into any opening.

Troubleshooting

Please turn to next page and follow the solution step by step.

Please contact the local reseller or distributor for technical support if problems can not be solved by following the manual.

Please turn the page for the solution ➔



Solution

Question

Measures

No power

Make sure there is power at the AC outlet. Try plugging a desk lamp or other device into the AC outlet to verify proper operation, or use an AC outlet tester to test the outlet. The battery may be in protection mode or may be completely discharged. Connect it to AC (mains) power.

No sound

Make sure the instrument is plugged into the signal input.
Make sure you turn up the volume control on your audio source.

Power LED shows Red

Make sure you turn up the α -8P's volume control
Verify that the Signal/Clip light is on.

There is no device connected to the R8P, but a slight buzzing sound is heard.

Plug the instrument into another amplifier or instrument speaker to make sure the source is working properly.
If it flashes red, it means your battery power level is less than 20%, please charge it immediately.
The led light stays red in charging mode, and turns green when fully charged.

The sound of the instrument or sound source is distorted

Use an AC power outlet tester to check whether the contacts of the AC power outlet to which the α -8P is connected are reversed or open (live, neutral and/or ground).

If using extending cable, plug R8P directly with power socket.

Microphone encounters noise

Turn down the volume of the audio source; if you cannot adjust the volume of the audio source, you can purchase an "input adjustment board" from your preferred musical instrument retailer.
Try another sound source or instrument.
Turn down Microphone volume level.
Adjust the position of the microphone so that it is not directly facing the speaker.

Paired Bluetooth device is not connected to the speaker

Try another Microphone.
Try placing the speaker elsewhere on the stage and/or having the singer move to another location.
Increase the distance between speaker and microphone.
If using a sound effects processor, make sure this does not cause noise issues.
If your device requires a passcode, make sure you enter it correctly.

Excessive buzzing when cascading multiple devices

Make sure Bluetooth is turned on or enabled on the source device.
Your Bluetooth device may be out of range, try bringing it closer to the speaker.
If possible, turn off any other nearby Bluetooth devices or disable their Bluetooth capabilities.
Turn the power off and on, then pair the device again.

Make sure to use 1/4" TRS cables, not 1/4" TS (guitar) cables.

Environmental Protection



Package

For packaging, environmentally friendly materials that can be used for normal recycling were chosen. Make sure plastic bags, packaging, etc. are disposed of properly.

Do not simply dispose of these materials with your household waste, but make sure they are collected for recycling. Please follow the precautions and markings on the packaging.



Disposal of old equipment

This product is subject to the currently valid version of the European Waste Electrical and Electronic Equipment Directive (WEEE). Do not dispose of it as daily household waste.

Dispose of this equipment through an approved waste disposal company or through your local waste disposal facility. When discarding your device, please follow the rules and regulations applicable in your country. If in doubt, please inquire about local waste disposal facilities.

Regulatory & Legal Information

Hazardous Substances List in Local Area

Name and content of hazardous substances in products

Part Name	Hazardous Substances					
	(Pb)	(Hg)	(Cd)	(Cr (VI))	(PBB)	(PBDE)
Printed circuit board	×	○	○	○	○	○
Metal parts	×	○	○	○	○	○
Battery	×	○	○	○	○	○
Plastic parts	○	○	○	○	○	○
Cable	×	○	○	○	○	○

This form is prepared in accordance with the provisions of SJ/T 11364.

○ Indicates that the content of the hazardous substance in all homogeneous materials of the part is below the limit requirements specified in GB/T26572.

✗ Indicates that the content of the hazardous substance in at least one homogeneous material of the component exceeds the limit requirements specified in GB/T26572.





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