SP3 BT User Manual

1.**List of Items Included (please check if the following items are included)**
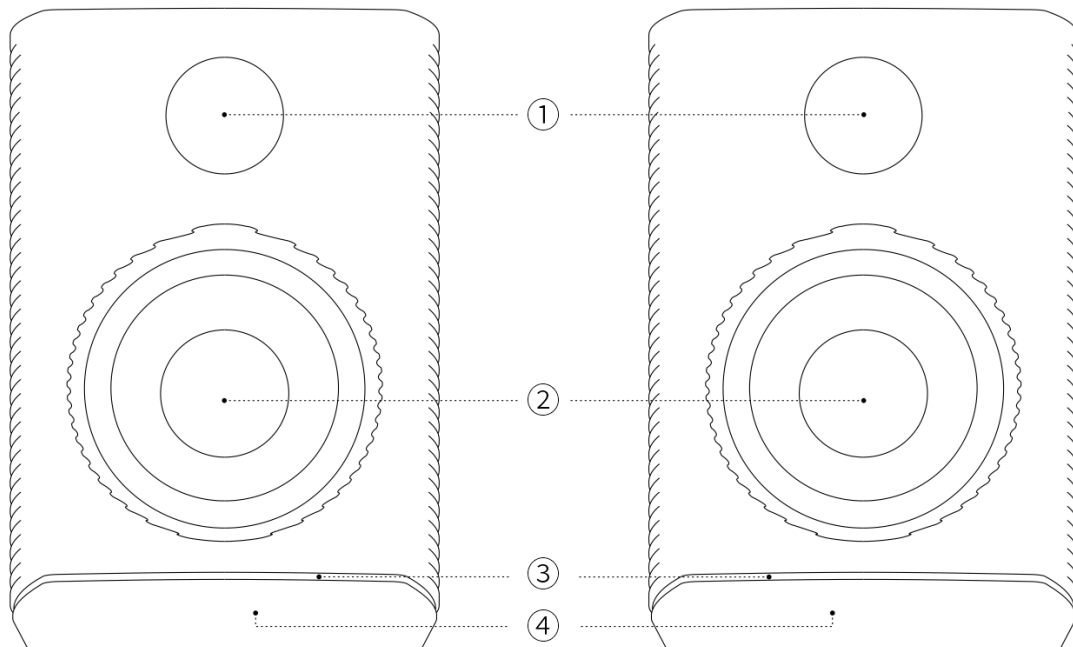
Primary speaker *1

Secondary speaker *1

Power adapter *1

AC power cable *1
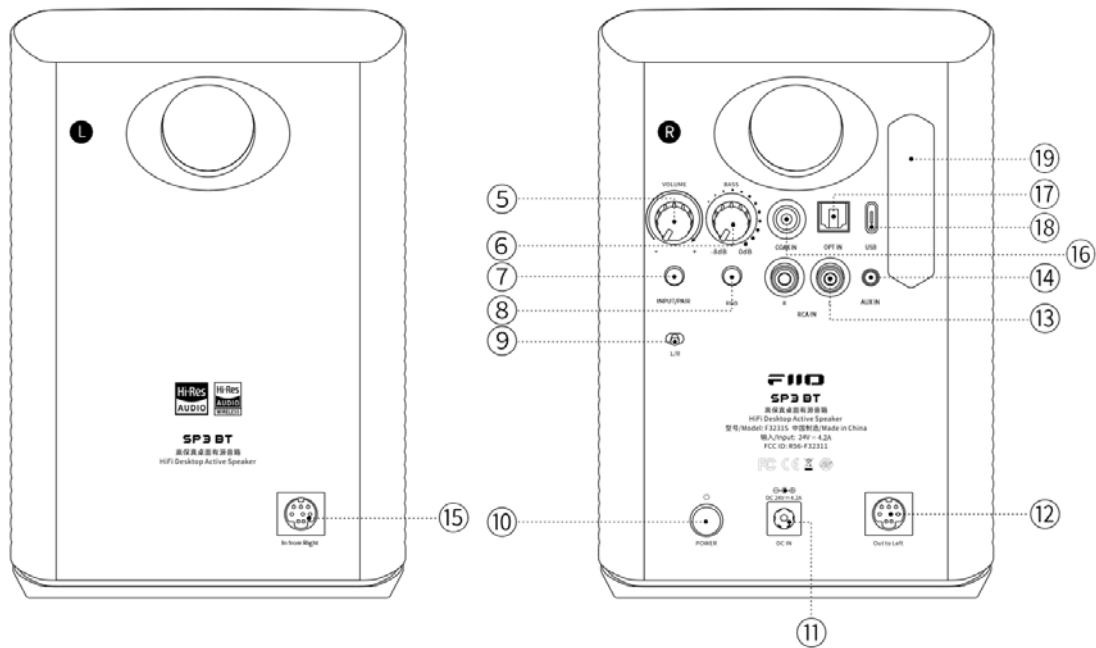
RCA to 3.5mm cable *1

Primary and secondary speakers connecting cable *1

Rubber base *2 pairs (0 ° and 7 °)

User manual *1

Ports Labeled and Function Explained

1. Tweeter

2. Woofer

3. RGB ambient light

4. Removable rubber base

5. Volume knob

6. Bass knob

7. Input selection button

8. RGB effect selection button

9. L/R channel switch

10. Power button

11. DC power input

12. Primary speaker output

13. RCA input

14. AUX input

15. Secondary speaker input

16. COAX input

17. OPT input

18. USB input

19. Bluetooth antenna

Note: Pictures are for reference only. The actual product may vary.

Power button: Click

Power on: RGB light on

Power off: RGB light off

Input selection button

Click: Switch input source

Blue light: RCA input

Green light: AUX input

purple light:OPT input

yellow light:COAX input

orange light:USB input

bluetooth: Bluetooth is not paired, the RGB light flashes red and blue, and the corresponding color will be displayed according to the code after successful pairing.

Long press: Clear pairing
The default Bluetooth input is when you turn on the first time, and the input status when turn it on again maintains the input status when you last turned it off.

L/R channel switch

Through the channel switch, the primary speaker can be placed on either the left or right side of the desk for convenient operation. The channel switch is set to R as default, and the primary speaker should be placed on the right side. If the primary speaker is placed on the left side, please toggle the channel switch to L.

Volume knob

Rotate clockwise: Volume up

Rotate anticlockwise: Volume down

Bass knob

Rotate clockwise: Increase bass

Rotate anticlockwise: Decrease bass

RGB effect selection button

Long press: Turn on/off RGB Light

Click: Switch light color

Double click: Switch light effect

Bluetooth connection

The first time you turn on , the default connection is Bluetooth input , the RGB light flashes red and blue, The connection device searches for SP3 BT , and after successful connection , the RGB light displays different colors according to the

encoding status.

Clear pairing: Under Bluetooth connection, press and hold the input selection button, Bluetooth disconnects, re-enters the pairing state, and the RGB light flashes red and blue

Bluetooth encoding format

SBC: Blue Light Breathe

AAC: Blue light breathe

aptX/aptX-LL: Purple light breathe

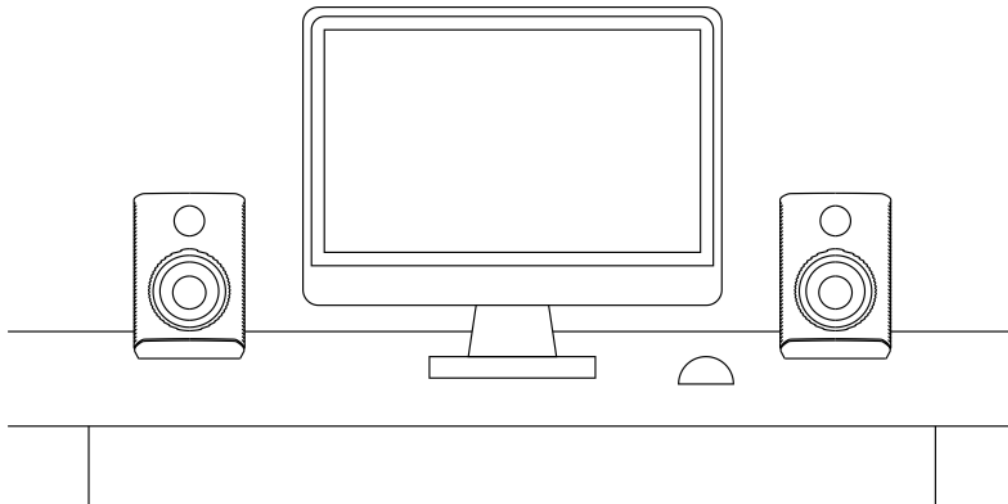aptX-HD: Yellow light breathe

LDAC: White light breathe

aptX-adaptive: Green light breathe

Automatic standby wake-up

Standby: No input will automatically enter the standby state for 20min, the RGB light will turn red, and the RGB light will turn off after 20min of standby.

Wake-up: Automatically enter the playback state when there is input, and the RGB light returns to the color before standby.

Placement of the Speaker

Placement of desktop speakers

When using the SP3 with a computer on a desktop, it is suggested to place the primary and secondary speakers respectively on each side of the computer monitor.

Their back should be kept more than 20cm (≈8 inches) away from the wall, and the side more than 40cm (≈16 inches). The distance between the L and R speakers should be kept at 80cm~150cm (≈32~60 inches).
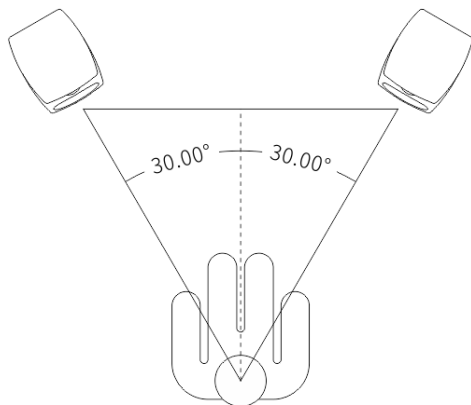
Based on personal listening preference, the distance between the two speakers should be adjusted according to the distance between the listener and the desktop/speaker. The farther the listener from the desktop/speaker, the farther the distance between the two speakers, forming an equilateral triangle between the two speakers and the listener.

The vertical distance between the listener and the speaker is generally between 50~100cm (20~40 inches). The listener should stay at the center of the two speakers as much as possible, and adjust the distance and placing angle of the two speakers to acquire a satisfactory stereo listening experience, reproducing the soundstage and creating a better sense of atmosphere.
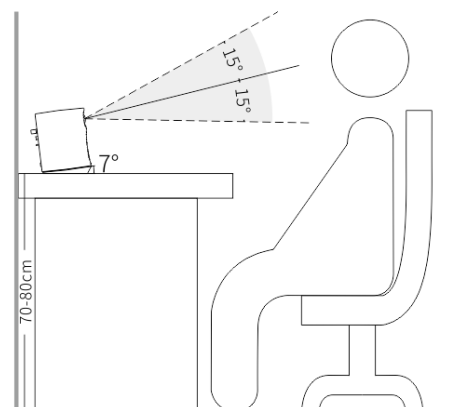
Adjustment of sound

The best sound performance can be gained by placing and adjusting the speakers correctly. Placement (as shown in Figure 1): L and R speakers face the listener and form an equilateral triangle with the listener.

Placement 2 (as shown in Figure 2): When the speakers are used for near-field listening, they should install a base with an elevation angle to revise the sound image positioning.

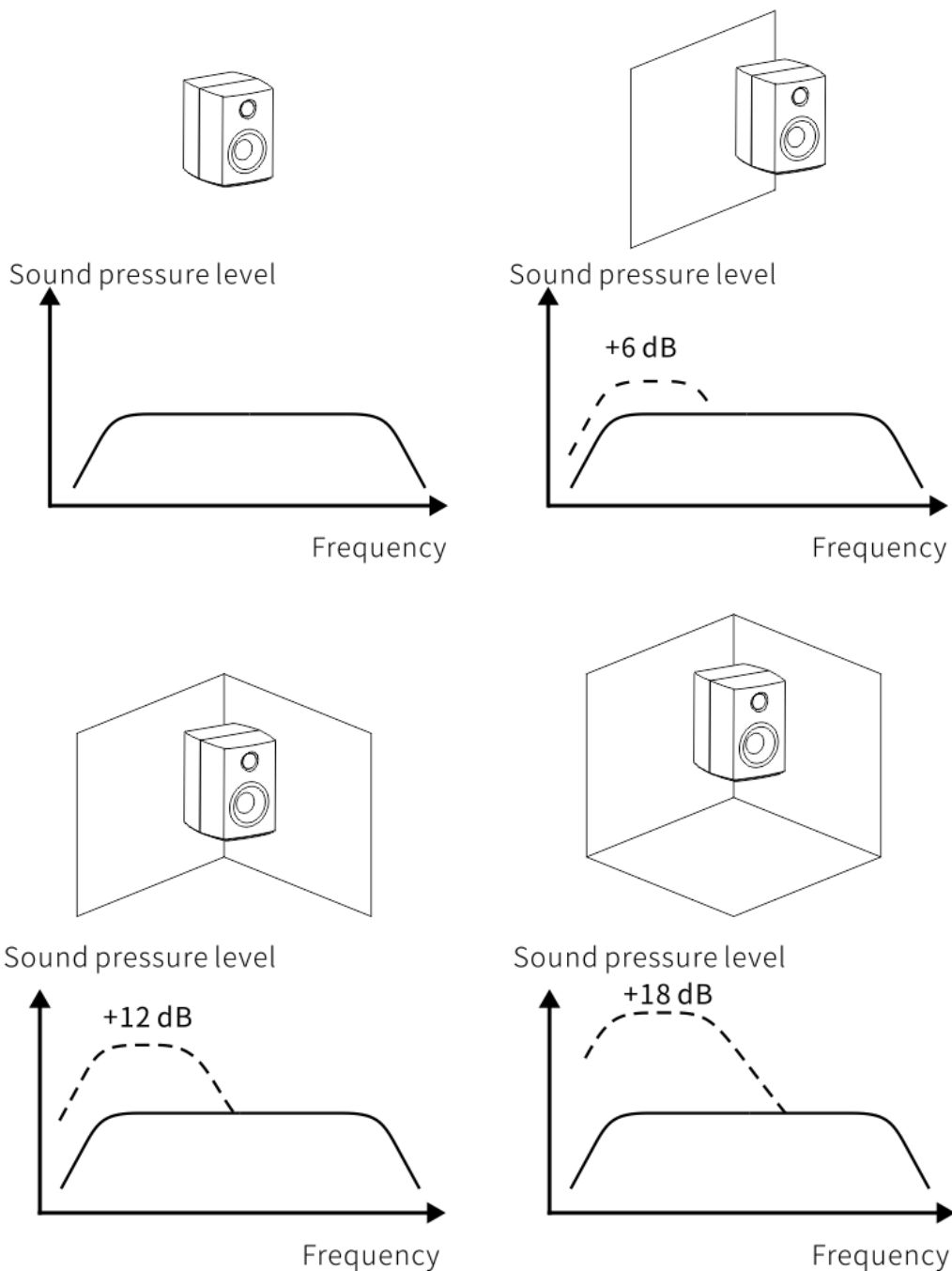picture one   picture two

Sound radiation space

The space where the speakers are placed is called the sound radiation space. When the sound radiation is limited by the wall, the sound pressure level will increase. Each wall around the speaker will contribute to an increase in the sound pressure level.

Ideally, freely placed speakers should have a flat frequency response curve. Placing it close to the wall will boost the bass- close to one wall, the bass will increase by
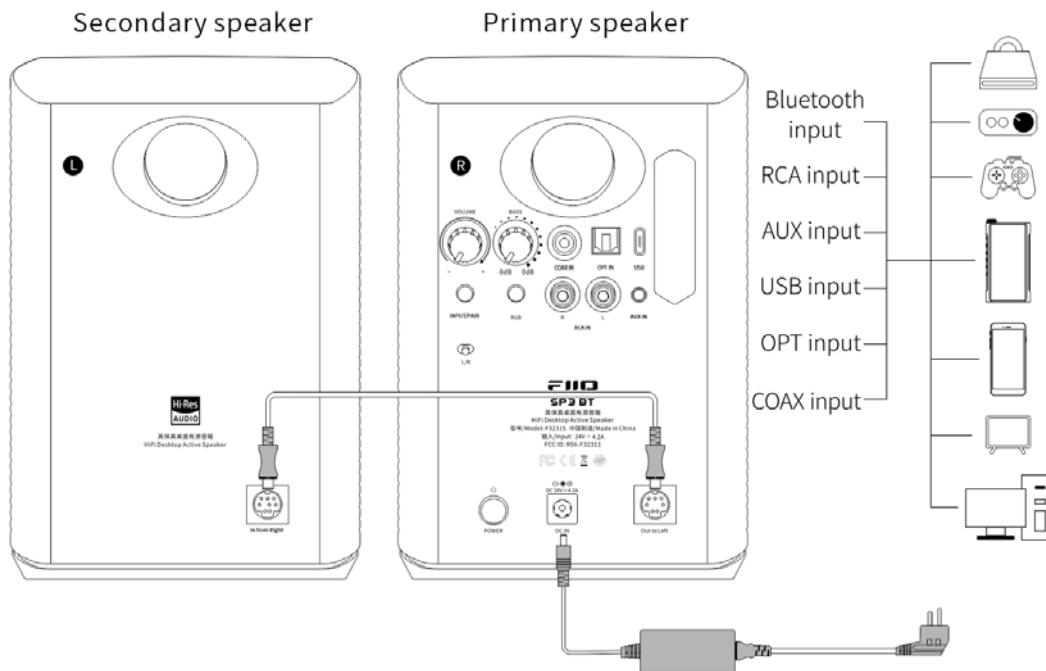
6dB; close to the included angle of two walls (or the included angle between the wall and the desk), the bass will increase by 12dB; close to the included angle between two walls and the floor (or the desk, ceiling), the bass will increase by 18dB.

Note: The bass boost effect is set to the maximum by default. It can be adjusted according to different usage scenarios and desktop placement properly. If the speakers are placed against the wall in a relatively small room, it is suggested to decrease the bass appropriately. But if they are placed in a large room and far away from the wall, remaining the default setting would be no problem.

Note: Pictures are for reference only. The actual product may vary.

Speaker connection

1. How to connect the primary and secondary speakers?

Connect the "Out to Left" port to the "In from Right" port through the connecting cable.

Please ensure the "□" mark of the cable plug faces upwards for proper insertion. Please make sure the connection is in place.

2. Speaker interface connection

Select right input interface through the input selection button, and the different interfaces connected way as follows:

(1) RCA and AUX interface: RCA to 3.5 audio cable as accessory, the RCA plug corresponds to the red and white color to connect to the audio, and the 3.5mm plug connected to the audio source device with the appropriate interface, or the 3.5 plug is connected to the speaker, and the RCA plug corresponds to the red and white color to connect to the appropriate output interface of the preamp.

(2) Coaxial, USB, optical interfaces: connect to pre-amp digital audio equipment (cable is purchased separately)

(3) Bluetooth connection: The device with Bluetooth transmission function should be connected and used correctly according to the Bluetooth connection instructions.
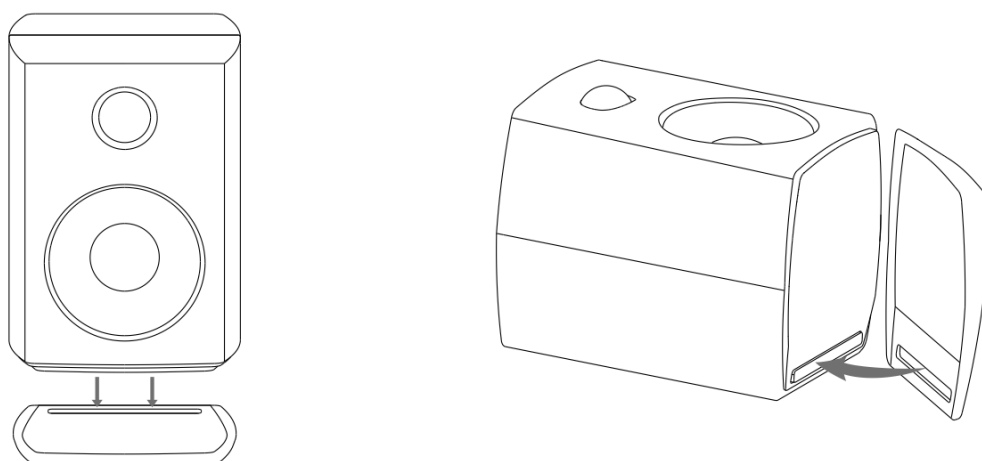
3. How to connect the SP3 to a power supply?

Connect the AC power cable to a power adapter, the cable plug to the "DC IN" port on the primary speaker, and insert the power plug into a corresponding socket.

Note: Pictures are for reference only. The actual product may vary.

Installation of the Rubber Base

The SP3 includes two rubber bases with different angles (0° and 7°). The 0° base was pre-installed at the factory.

Steps for installing/replacing the base: Align and install the raised part on the bottom of the speaker to the slot of the rubber base. Check if they are stable as a whole to ensure the installation is completed.

Note: Pictures are for reference only. The actual product may vary.

Notes and Precautions

1. To avoid excessively high volume causing damage to the hearing, please ensure the volume is at a low level before playing music, and adjust it to a proper level after playing.

2. If the speaker is silent during playback, please check whether the RGB light is on to tell whether the power supply is normal. At the same time, check the connection of the cable, and whether the color of the RGB light corresponds to the input source.

3. Please do not disassemble the speakers on your own. The maintenance and adjustment must be completed by personnel with professional maintenance qualifications.

4. Please do not place the speakers near water or in a humid environment. Please do not place objects filled with liquids, such as vases, on or near the speakers.

5. Please make sure the air flow behind the speaker is smooth, and do not obstruct it around the speaker.

Specifications

Speaker model	SP3 BT
Configuration	3.5-inch carbon fiber woofer

	1-inch silk dome tweeter
Frequency range	65Hz-20kHz (±2dB)
Audio input	RCA/AUX/OPT/COAX/USB/BT
Bluetooth IC	QCC 5124
Bluetooth code	LDAC/aptx Adaptive/aptx HD/aptx/aptx LL/AAC/SBC
Amplifier distortion output power limit	Bass 2*30W Treble 2*10W
Bass adjustment	-8dB~0dB

Authenticity Checking

☐ Scratch off the coating on the product package to get a 20-bit security code.

☐ Go to FIIO official website at www.fiio.com. Click the 'Check Authenticity' icon in the upper-right corner, and then enter the 20-bit security code and 4-bit verification code. You will get the checking result after clicking the 'query' icon.

☐ Checking results:

A. The security code entered proves the product is authentic.

The product you purchased is an authentic product from Guangzhou FIIO Electronics Technology Co., Ltd. Thanks for your support!

B. The security code entered proves the product is not authentic.

The product you purchased is not an authentic product from Guangzhou FIIO Electronics Technology Co., Ltd.

Warranty Terms and Conditions

Product types		Term of service
Main body		One month of guarantee for replacement; one year of free maintenance
Accessories except for the main body (subject to the	Accessories	N/A
	Package materials (fragile parts like the	

official list)	packing box)	N/A

Notes:

The above guarantees start from the issue date of the invoice/receipt.

These warranty terms are for reference only. For specific details, please refer to the warranty terms of our local sales agents.

FIIO reserves the final interpretation and amendment for the above warranty terms and conditions.

The warranty is null and void under the following circumstances.

 --Defects or damage caused by improper operations such as vibrating, bumping, falling to the ground, buckling, tearing, excessive pulling.

 --Defects or damage caused by disassembly of the product by the user or unauthorized repair personnel.

 --Defects or damage for being put in humid environments, places of high-intensity magnetic fields or soaked into water.

 --Defects or damage caused by natural disasters.

 --Unable to provide valid proofs of purchase.

Note: Man-made damage should be determined by FIIO's maintenance personnel.

Procedures of Getting After-Sales Service

☐ Please contact the local dealer first once you find problems with the device. If they refuse to give related after-sales service, please give feedback to FIIO Support by sending an email to support@fiio.com. We would handle it properly to ensure customers' satisfaction.

☐ For repair service, you are supposed to send the defective product to FIIO with freight paid. After it has been repaired, we will send the product back to you with freight paid by FIIO.

☐ It is highly suggested to buy the product from the local authorized sales agents so to get better, faster before- and after-sales service.

☐ Please do not maintain or dismantle the product on your own and keep it away from water.

☐ For abnormal working issues or any further questions, please visit our official website->Support to get related information or send an email to support@fiio.com for consultation.

Note: Due to continuous improvement, every specification and design is subject to change at any time without

Contact Information for After-Sales Service

E-mail: support@fiio.com

Web: https://www.fiio.com

Facebook: https://www.facebook.com/FiiOAUDIO & facebook.com/fiiosupport

The SP3 BT can be controlled by the FIIO Control App. Please scan the QR code below to download the app.

Hereby, Guangzhou FIIO Electronics Technology Co., Ltd declares that this device is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at: www.fiio.com/doc

Function	Frequency	Maximum output power
Bluetooth	2402-2480MHz	5.45dBm

WEEE Directive & Product Disposal

At the end of its serviceable life, this product should not be handed as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.

Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries. aptX is a trademark of Qualcomm Technologies International Ltd., registered in the United States and other countries.

X Qualcomm® aptX™ HD

FCC NOTICE:

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-      Reorient or relocate the receiving antenna.

-      Increase the separation between the equipment and receiver.

-      Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-      Consult the dealer or an experienced radio/TV technician for help.

FCC RF exposure statement:

The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance between 20cm the radiator your body.