TC1600-09Y

TWS Hearing Aid Earbuds

User Manual

Thank you very much for choosing the FT-09E hearing aid. To have a great experience, please read this manual carefully before use.

1、PRODUCT INTRODUCTION

1). Product parameters

Product name: In-ear hearing aid

Model:TC1600-09Y

Scope of application: Suitable for mild to moderate heaing-impaired people

Product Structure: The product consists of microphone, signal processor amplifier circuit,speaker, housing and embedded software (version V1.0).

Product performance parameters:

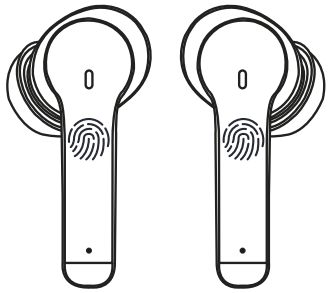
	Model	TC1600-09Y
Output sound pressure value	OSPL90	≤113dB+3dB
	HFA OSPL 90	107±3dBSPL
FOG50		45±3dB
HFA Full-on Gain		40±3dB
Frequency response range		≤200Hz~≥8000Hz

Bluetooth version	V5.2
Bluetooth protocol	A2DP AVRCP HFP HSP SPP
Working time	Call mode: 5h Music mode: 6h Hearing aid mode: 10h
Charging time	Earbud: 1.5h Charging case: 2.5h
Battery capacity	45mAh/400mAh
Charging base charging cycle time	4 times
Working distance	⩽10m
Input voltage/current	5V/1A

Specifications are based on laboratory test results.

2、WHAT'S IN THE BOX?

❶



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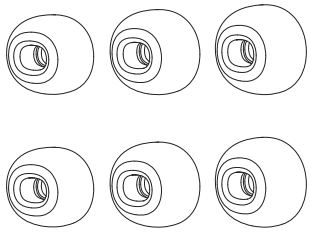

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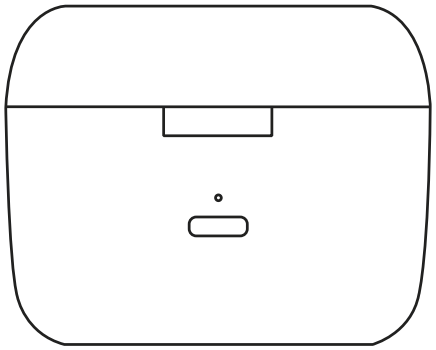

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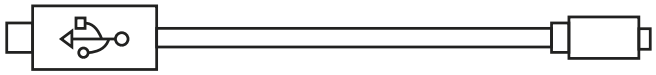


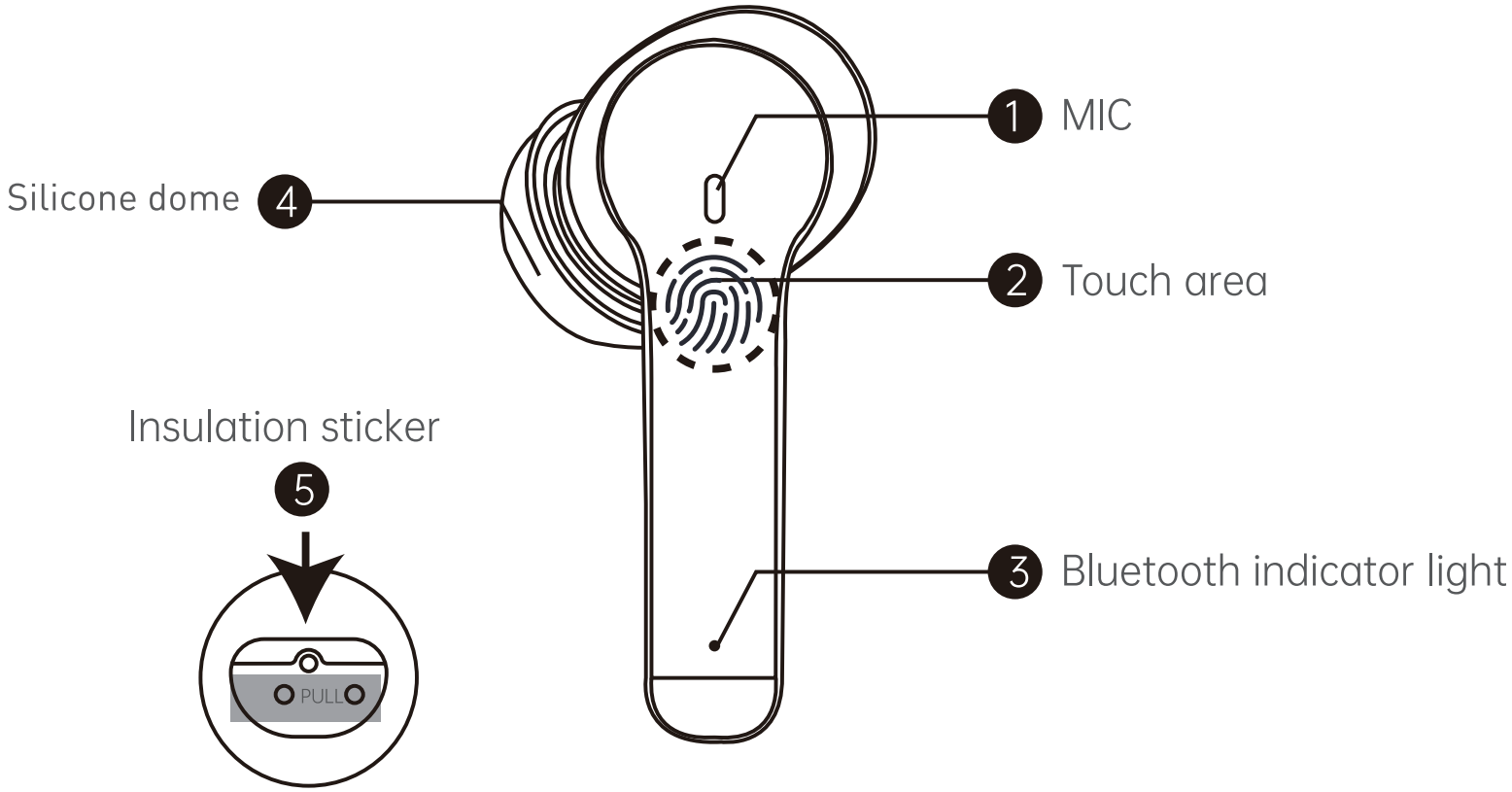
❶ Earbud *2

❷ Charging case*1

❸ 3 pairs of silicone domes (S,M,L)

❹ Type-C charging cable*1

3、FEATURES



⚠ Remove the insulation sticker before use.

4、TURN ON AND OFF

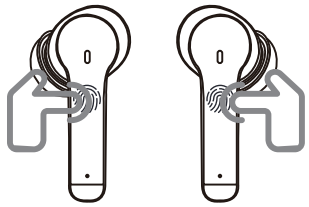
1). Automatically turned on when pick out from case, and turned off when put into case.

2). Manually turn on by long press for 3 seconds, and manually turn off by long press for 5 seconds.

3). When the charging case run out of battery, the device will be turned on automatically and make some pitch sound, please charge the case once it happens, or you can turn off the device manually if you do not use the device in a short time.

5、OPERATION

Touch area



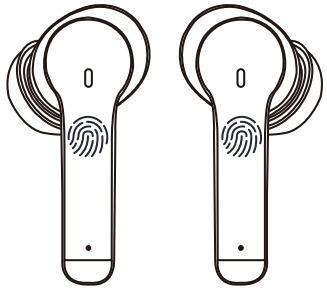
Touch area

The same effect can be obtained with left ear or right ear operation.

Hearing Enhancement	tap triple	Switch to next listening program (Wait for indicator)
Phone call	tap twice	Answer/Hang up phone call
		Long press for two second to reject a call
Activate Siri		Long press for one second
Music Streaming	Control the music setting through your music APP on your phone.	

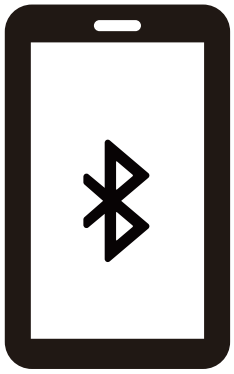
6、HOW TO CONNECT HEARING AID WITH YOUR PHONE

1



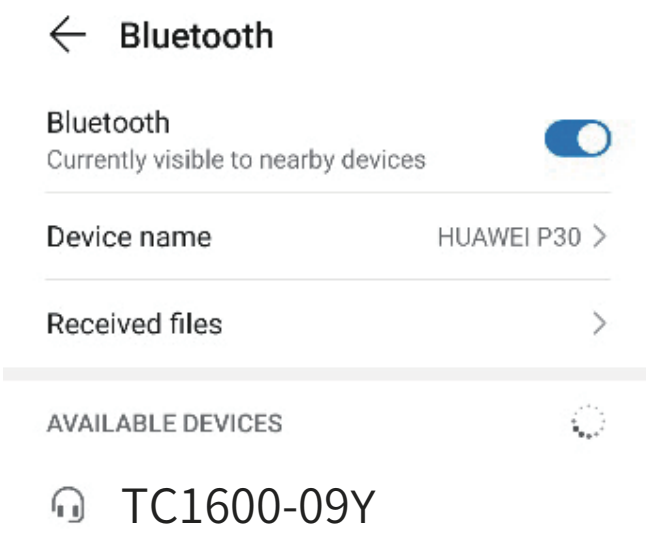
Pair automatically when taken out

2



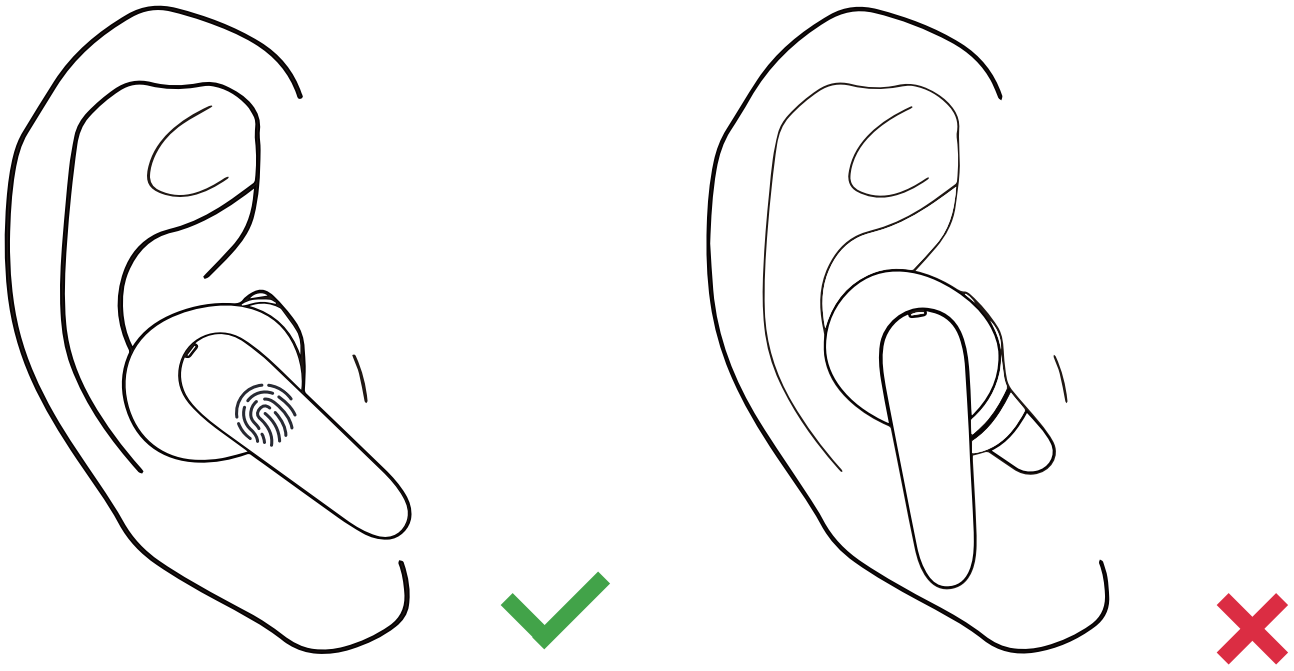
Enable Bluetooth on your phone

3



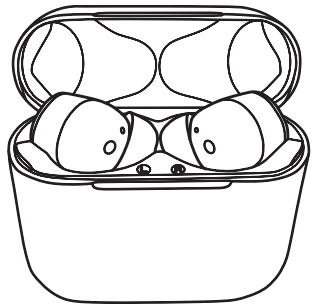
Search for “TC1600-09Y " and tap to connect .

7、HOW TO WEAR



8、HEARING AID CHARGING INSTRUCTION

1). Open the charging case and put the hearing aid into the relative left and right charging port and close the case.



2).If the charging case indicator is steady blue, it means that the hearing aid is charging. If the indicator is off, the hearing aid have been full-charged.

3). It takes about 1.5 hours to fully charge the hearing aid.

Status	legend	Headphone indicator light
Charging	⦗ blue ⦘	Blue light on
Full charged	ⓧ	Indicator light off

Regularly clean and wipe the charging contacts of hearing aid and charging case; When the hearing aid is low power, you will hear a voice indicator"Battery low" . It can be used for at least half an hour. After charging for 15 minutes, it can be used for another 2 hours.

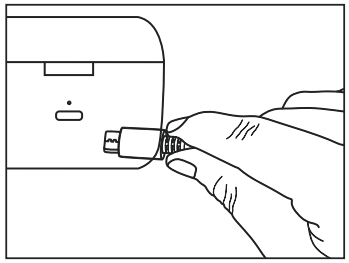
9、CHARGING THE CHARGING CASE

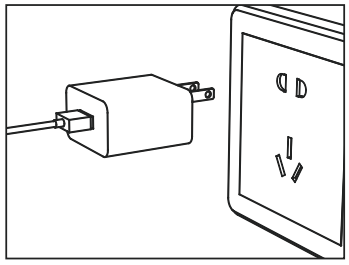
1). Insert the type-c charging cable into the charger port and connect the power supply.

2).Charging：white indicator light on,

Full-charged: green indicator light on.

3).The charger can provides 3 times of recharge cycle for hearing aid.





Status	legend	Indicator light
charging	White	White light on
full charged	Green	Green light on

The specific product accessories are subject to the actual situation. If you have any questions, please contact the customer service in time.

10、HEARING AID MODE

It will automatically enter the Hearing Aid mode1 When Bluetooth is not connected, click the button 3 times to switch to the next Hearing Aid program, the program selection is shown in the following table

Hearing mode	Applicable scenario	Prompt
1	indoor	mode one
2	outdoor	mode two
3	Strong noise reduction	mode three

1). Telphone mode

When Bluetooth is paired;
Double click：answer call/hang up.
Press 2S：reject call;

2). Music mode

When Bluetooth is paired, please adjust the music volume through the mobile phone music APP.

3). Siri Wake up iphone assistant “Siri”

Press the power button for 1 second to activate Siri.

4). Restore factory Settings

Turn off and then long press the power button for 12S , when hear "du" twice, and both the blue and green indicator light flash 5 times ,it indicates that the earbuds is restored to factory settings successfully.

11、GENERAL FAULT SELF-REFERENCE TABLE

When problems occur in the use of your device, please refer to the following table for simple treatment:

Symptoms	Possible Cause	handling method
scream	1. Excessive earwax in the ear canal 2. The hearing aid is not wore in the right position 3. High volume	1. Clean the ear canal 2. Take the hearing aid out and put it on again 3. Turn down the volume
noise	1. Low battery power 2. The sound hole is blocked 3. The touch switch is faulty 4. Battery fault	1. Charge the device 2. Clean the sound holes 3. Send to repair 4. Send to repair
no sound	1. Low battery power 2. Battery fault	1. Charge the device 2. Send to repair

12、TROUBLESHOOTING

1). Unable to charge

Check and clean the contact points of both hearing device and the charging case.Use the originally provided charging cable to recharge again.

2). The voice becomes smaller

* Checking whether the ear dome is dirty, if so, clean or replace with a new one.
* Check if the hearing aid is in low battery, recharge the device if needed.

3). Whistling happen and can not stop?

The whistling may be heard if the device is turned on but not positioned securely in your ear.Once properly inserted, whistling will stop.Try the following steps:

Step1: Change another size dome which fits your canal.

Step 2: Place into the charging case, and it will automatically turn off.

Step 3: Clean your ear canal.

Step 4: Take out again, and get ready to wear again. Do not touch the microphone when you holding the device.

Step 5: Wear it on again.

13、SAFETY AND PRECAUTIONS

1). After removing the hearing aid, it should be placed in the charging case to avoid losing or falling.

2). Do not place the hearing aid in high temperature (such as heat source, exposed fire source) and high humidity environment, otherwise the device may fail, catch fire or explode.

3). Do not immerse the hearing aid in any liquid. Remove the hearing aid before swimming or washing hair or taking a bath. Swimming or after bathing, wait for the ear canal to dry before wearing the hearing aid.

4). The surface of the hearing aid should be kept clean and the earwax of the sound mouth of the hearing aid should be

cleaned regularly. Such as contact with skin parts out.Discontinue use immediately and consult your doctor when symptoms such as redness and swelling occur.

5). Do not disassemble the hearing aid by yourself. If the parts are damaged by disassembly and assembly, they will not be included in the warranty scope.

6). hearing aid is not resistant to seawater, acid and alkaline solvents, chemical reagents and other corrosive liquids. By misuse or improper use.Any damage or defect caused will not be covered by the warranty.

7). The device and accessories may contain some small parts. Please keep the device and accessories out of reach of children.

8). If the product is not used for a long time, please turn it off after fully charging, and put it in a cool and dry place.

9). Please use the attached charging cable to charge the device. When charging with the power adapter, use the satisfying phase .Power adapter required by safety standards or certified by CCC.

10). Don't throw away discarded hearing aid., if you need to discard, please dispose in accordance with the relevant national regulations.

14.FCC Compliance 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.

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

NOTE: 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 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 Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction