

# TC1600-15Y

## User Manual

Thank you very much for choosing the FT-15A hearing aid. To have a great experience, please read this manual carefully before use.

# 一、PRODUCT INTRODUCTION

## 1.Product parameters

Product name: Neckband hearing aid

Model: FT-15A

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

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

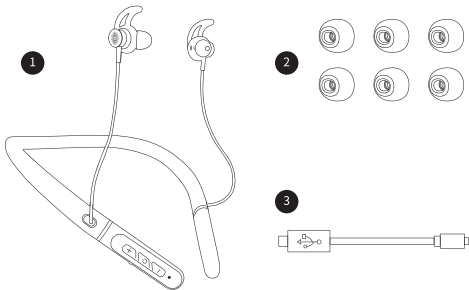
### Product performance parameters:

	Model	<b>TC1600-15Y</b>
Output sound pressure value	OSPL90	$\leq 113\text{dB} + 3\text{dB}$
	HFA OSPL90 (dB)	$107 \pm 3 \text{ dB SPL}$
	FOG50	$45 \pm 3 \text{ dB}$
	HFA Full-on Gain	$40 \pm 3 \text{ dB}$
	Frequency response range	$\leq 200 \text{ Hz} \sim \geq 8000 \text{ Hz}$

Bluetooth version	V5.2
Bluetooth protocol	A2DP1.3 AVRCP1.6 HFP1.7 HSP1.2 SPP1.2
Working time	Call mode 20h
	Music mode 26h
	Hearing aid mode 30h
Charging time	1.5h
Battery capacity	250mAh
Working distance	10m
Input voltage/current	5V/160mA

 Specification data are based on laboratory test result

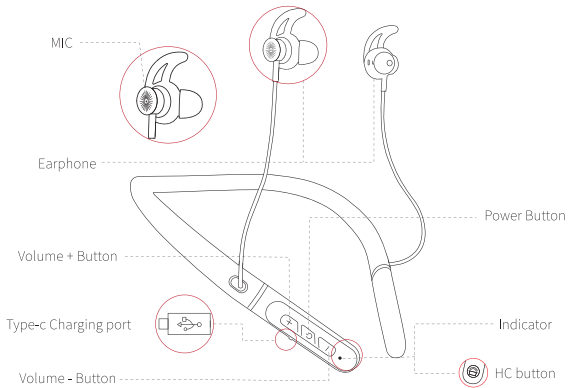
## 二、WHAT'S IN THE BOX



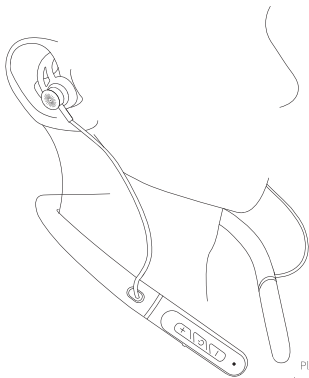
- 1 Earphone\*1
- 3 Type-C charging cable\*1

- 2 Silicone dome \*3 (S,M,L)

## 三、FEATURES



## 四、How to Wear

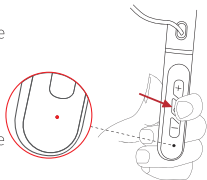




Please wear the device as shown in the figure,  
and make sure the control button are on your right side

## 五、TURN ON AND OFF

1.Press the power button for 2S to turn on the device. the blue indicator flash for 1S, you will hear the prompt"Power on".

2.Press the power button for 3S to turn off the device. the white indicator flash for 1S, you will hear the prompt"Power off".

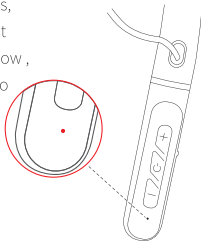


Status	Operation time	Indicator	Prompt
Turn on	2S	 blue	Turn on
Turn off	3S	 white	Turn off

## 六、Low Power State

1. When the blue indicator flash once per 30 s, and you will hear the prompt "Battery Low", it indicates that the power of the device is too low, please charge as soon as possible so as not to affect the normal operation of the device.



Status	indicator
Low power	 blue

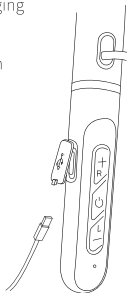




## 七、Charging Function

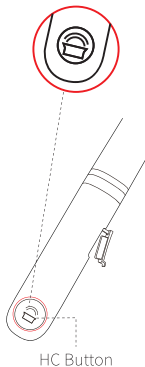
- 1.The device requires Type-c charging cable for charging
- 2.Charging : white indicator flashing.  
Full-charged: blue indicator light on for 3S and then light off.
- 3.The device can be used for 30h per full charge .
- 4.You cannot use the device while it is recharging.

Status	indicator
Charging	 white
Full charged	 blue



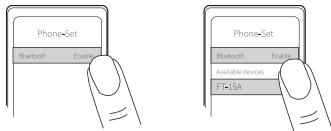
## 八、OPERATION

Function	Operation
Turn on	Press the power button for 2S
Turn off	Press the power button for 3S
Turn on /off the hearing mode	Click HC Button
Answer/Hang up phone call	Click power button
Reject phone call	Long press the power button for 1S
Switch hearing mode	Long press HC button for 2s
Volume up (R)	Click volume + button
Volume up (L)	Click volume - button
Volume down (R)	Long press volume + button for 1S
Volume down (L)	Long press volume - button for 1S
Active Siri	Long press power button for 1S
Switch Language	Click the power button 4 times , and long press the power button for 2S
Play/Pause	Click power button



## 九、HOW TO CONNECT HEARING AID WITH YOUR PHONE

- 1.Press the power button for 2S to turn on the device .
- 2.Enable Bluetooth on your phone,Search for“FT-15A ” and tap to connect .  
you will hear the prompt "Bluetooth Connected" when connect successfully.
- 3.You can adjust the volume through the device or your phone.



## ✦、HEARING AID MODE

When Bluetooth is not connected, turn on the device, It will automatically enter the mode 3 and turn on the hearing aid function, press HC button for 1S to turn on/off hearing aid function, and press HC button for 2S to switch to next mode.

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. Telephone mode

When Bluetooth is paired

Click power button : answer call/hang up.

Press power button for 1S: reject call;

### 2. Music mode

When Bluetooth is paired, please adjust the music volume through the volume button;

### 3. Restore factory Setting

Long press the power button and volume down button for 3S, when hear the prompt "du" twice, and both the blue and white indicator light flash 5 times, it indicates that the device is restored to factory setting successfully;

### 4. Siri Wake up

When Bluetooth is paired; Press power button for 1S to active Siri ;

## 十一、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	<ol style="list-style-type: none"><li>1. Excessive earwax in the ear canal</li><li>2. The hearing aid is not wore in theright position</li><li>3. High volume</li></ol>	<ol style="list-style-type: none"><li>1. Clean the ear canal</li><li>2. Take the hearing aid out andput it on again</li><li>3. Turn down the volume</li></ol>
no sound	<ol style="list-style-type: none"><li>1. Low battery power</li><li>2. The sound hole is blocked</li><li>3. The touch switch is faulty</li><li>4. Battery fault</li></ol>	<ol style="list-style-type: none"><li>1. Charge the device</li><li>2. Clean the sound holes</li><li>3. Send to repair</li><li>4. Send to repair</li></ol>
noise	<ol style="list-style-type: none"><li>1. Low battery power</li><li>2. Battery fault</li></ol>	<ol style="list-style-type: none"><li>1. Charge the device</li><li>2. Send to repair</li></ol>

## 十二、TROUBLESHOOTING

### 1.Unable to charge

Check and clean the contact points of the device,please 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 cannot stop

Step 1. Change another size dome which fits your canal.

Step 2: Long press power button for 3S to turn off the device.

Step 3: Clean your ear canal.

Step 4: Turn on the device and get ready to wear again. Do not touch the microphone when you holding the device.

Step 5: Wear it on again.

## 十三、SAFETY AND PRECAUTIONS

- 1). After removing the hearing aid, it should be placed in the packing box 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 port of the hearing aid should be cleaned regularly. When symptoms such as redness and swelling occur on the skin where in contact with the device. Discontinue use immediately and consult your doctor.
- 5). Do not disassemble the hearing aid by yourself. Any damage or defect caused by self-disassembly will not be covered by the warranty.

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.



#### 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