

## Wireless Headset with USB Dongle



Model:BT-162S **2.4G/BT Version**

[sales@iwantek.com](mailto:sales@iwantek.com)

# Packaging Contents

Model with charging dock:

Headset\*1

Charging dock\*1

USB Dongle\*1

Storage Bag\*1

Type-C cable\*1

3.5mm AUX cable\*1

User manual\*1

No docks Model :

Headset\*1

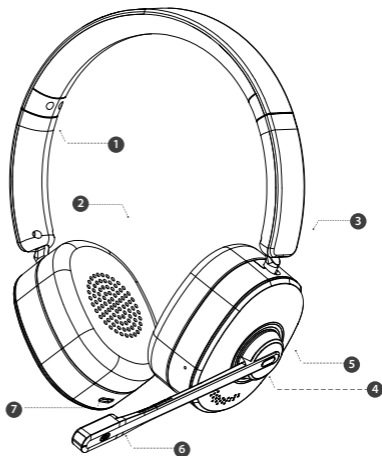
USB Dongle\*1

Storage Bag\*1

Type-C cable\*1

3.5mm AUX cable\*1

User manual\*1



1 Adjustable headband

2 Comfortable ear cushions

3 180° swivel ear cups

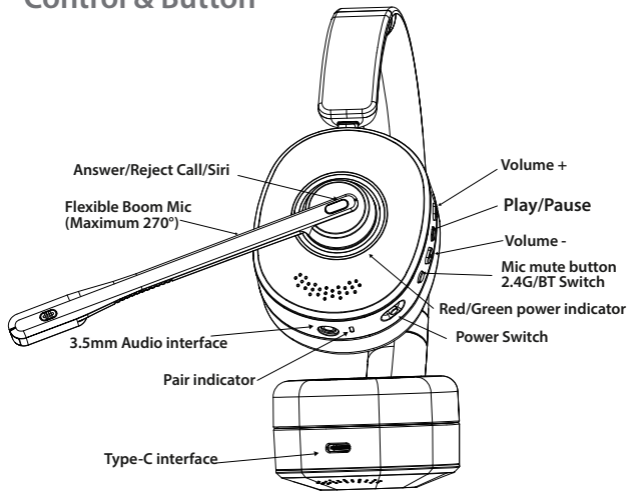
4 Indicator light

5 Answer/Reject button

6 Noise Canceling Mic

7 Type-C interface

# Control & Button



## Detail button instructions

BUTTON	FUNCTION	Operation instructions
Power Switch	Power ON	Switch to 'ON' gear, prompt 'power on'
	Power OFF	Switch to 'OFF' gear, prompt 'power off'

BUTTON	FUNCTION	Operation instructions	
Mic Mute 2.4G/ BT Button	Mic mute/Cancel	Short Press*1, voice prompt 'mute on'/'mute off'	
	Switch mode	Long Press 1-2 secs, prompt'Adapter mode' or 'Bluetooth mode'	
Call End	Answer a phone call	Short press*1	
	Hang up a phone call	Short press*1 when calling	
	Reject a phone call	Press & hold for 2 secs when incoming call	
	Redial phone call	Short press*2	
	Voice Assistant		Press & hold for 1 sec to activate.
			Short press*1 to exit Voice Assistant
	Phone Call switching	Press & hold for 1-2 secs during a call, switch between headset and phone speaker	
	Phone Call waiting		To answer a new call and hang up the current call, <b>short press*1.</b>
			To answer a new call, keep the current call, <b>short press*2.</b>
			To keep the current call, reject the new call, <b>press &amp; hold for 2 secs.</b>
		To alternate between calls, <b>short press*2.</b>	

<b>BUTTON</b>	<b>FUNCTION</b>	<b>Operation instructions</b>
<b>Volume+</b>	<b>Volume up</b>	Short Press*1
	<b>Next song</b>	Press & hold for 1 sec.
<b>Volume-</b>	<b>Volume down</b>	Short Press*1
	<b>Previous song</b>	Press & hold for 1 sec.
<b>Play/Pause</b>	<b>Play/Pause</b>	Short press*1 to play or pause music

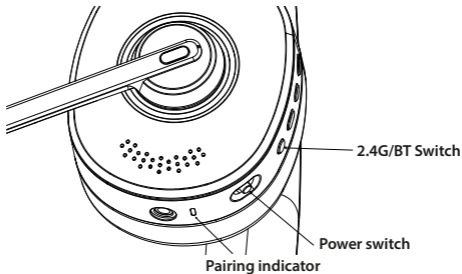
<b>Led instruction</b>	<b>Headset mode</b>	
<b>Status</b>	<b>Bluetooth</b>	<b>2.4G</b>
<b>Power on</b>	Blue flashes	White flashes
<b>Power off</b>	Red flashes	Red flashes
<b>Pairing</b>	Red/Blue flashes	Red/White flashes
<b>Reconnect</b>	Red/Blue flashes	Red/White flashes
<b>Connected</b>	Blue flashes 1time/10secs	White flashes 1time/10secs
<b>Music Playing</b>	Blue flashes 2times/10secs	White flashes 2times/10secs
<b>Incoming call</b>	Red flashes 2 times/10secs	
<b>Calling</b>	Red flashes 1 times/10secs	
<b>Low battery</b>	Red flashes	
<b>Charging</b>	Red steady	
<b>Fully Charged</b>	Green Steady	

# Connection Guide (Bluetooth)

Make sure you are in 'Bluetooth mode' first, long press the '2.4G/BT' button to switch modes, after prompt 'Bluetooth mode', and pairing indicator shows Red/Blue flashes, you are in 'Bluetooth mode'

## 5.1 PAIR NEW DEVICE

1. In off status, Slide the Power switch to the 'ON', headset turned on. Power indicator flashes Blue & Red, enter pairing mode, you will hear 'Pairing' through the headset.



2. Go to the Bluetooth menu on your Device. Search and click to connect 'BT-16' on your Phone/PC/laptop Bluetooth lists, Power indicator change to Blue flashes once after connected. You can hear 'Bluetooth Connected' through the headset. Now you can play music/make phone calls from device to headphone. (IF ASKED FOR PIN CODE, TYPE 0000)

3. Click PC/MAC sound icon(Bottom right side of Windows/Top right side of MAC) choose 'BT-16 Stereo' when only listen to music. 'BT-16 Hands-free AG Audio' when online meetings or using mic & speakers.
4. You can enter PAIRING MODE at any time needed, just turn off the bluetooth function on the first device you connected.
5. Make sure 'BT-16' is set as playback and recording device in your computer's setting.
6. Make sure 'BT-16' is set as default audio device for your softphone such as MS Teams.

### **RECONNECT MODE**

In off status, Slide the Power switch to the 'ON', headset turned on. Make sure you are in 'Bluetooth mode'. Power indicator flashes Blue & Red, enter pairing mode, you will hear 'Pairing' through the headset.

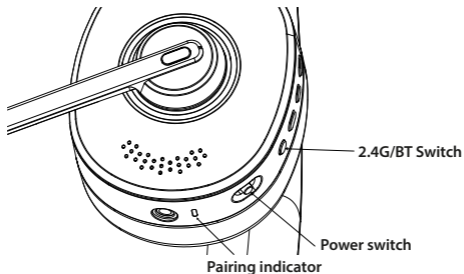
1. Once the headset connected with the remembered devices, you will hear 'Bluetooth Connected' through the speaker and the LED change to Blue light slow flash.
2. Make sure 'BT-16' is set as playback and recording device in your computer's setting.
3. Make sure 'BT-16' is set as default audio device for your softphone such as MS Teams.

### **CONNECT WITH 2 BLUETOOTH DEVICES**

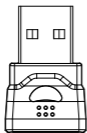
1. Follow 5.2 to connect with first device, make sure you are in 'Bluetooth mode'.
2. Turn off the first device's Bluetooth function.
3. Headset will enter pairing mode again.
4. Follow 5.1 instruction to connect with second device.
5. Choose and Connect with 'BT-16' on the first device.
7. Now both devices are connected.

## Connection Guide (2.4G)

Make sure you are in '2.4G mode' first, long press the '2.4G/BT' button to switch modes, after prompt 'Adapter mode', and pairing indicator shows Red/White flashes, you are in '2.4G mode'



1. Plug in the 'BT-16 Dongle' (included in package) into your PC/laptop's USB-A port. If your device only has a USB-C port, you need to use the USB-A to USB-C adapter included in package.
2. The Headset and the Dongle will pair automatically, you can hear 'Adapter Connected' through the headset.
3. Make sure 'BT-16 Dongle' is set as playback and recording device in your computer's setting.
4. Make sure 'BT-16 Dongle' is set as default audio device for your softphone such as MS Teams.



Reconnect  
Mode

 Red/White Flash

Paired

 White LED

## Tips

### 7.1 MUTE BUTTON

You can click mute button when calling, the indicator on the mic shows red light, voice prompt 'mute on' and the mic is muted, people on the other side will not hear your voice.

### 7.2 SIRI/Phone assistant

Long press 1 sec Call/End button, activate the SIRI on iPhone and voice assistant on other devices.

### 7.3 Call/End Button during phone calls

When there is a incoming call, click once to answer incoming call, when call ended, click one more time the end the call.

Hold on the button 2 secs to reject phone calls.

Tips: some third-party softwares. Applications like Skype and Teams. You need to answer or hang up calls in the connection device.

### 7.4 Play/Pause/Volume Buttons

Play/Pause button: Click once to Play/Pause when playing music.

Volume +: Click once to increase volume, hold on 1 second to next song.

Volume -: Click once to lower volume, hold on 1 second to last song.

## 7.5 Precautions Before Use

1.If the Bluetooth headset with microphone is defective or it just doesn't meet your expectation, please let us know(through support email: sales@iwantek.com). Our customer service will send you a new one.

2.If your device doesn't have Bluetooth function, follow the Connection guide with 2.4G Dongle above.

3.If you have any questions, please feel free to let me know, thank you for your support and trust.

## 7.6 Busy light

1. When calls coming in, Power indicator flashes red light.

2. During calls, Power indicator flashes red light.

## 7.7 Link loss

1. When your devices are out of the headset connection range, the headset will voice prompt 'disconnected' and enter pairing mode.

2. When you come back into the range, they will reconnect automatically.

## 7.8 Wired AUX function

1. When the headset is out of battery, you can use the 3.5mm cable (included) to connect with PC, Phone, PS4/PS5 controller or other devices. After 3.5mm insert, the headset 2.4G/bluetooth function will turn off, speaker and mic will transfer sound through 3.5mm cable.

## 7.9 Switching between devices (2.4G/Bluetooth)

1. Long press one sec of the switch button, you can smoothly switch between 2.4G Dongle and your connected device.

2. 2.4G Dongle and the Bluetooth device will not connect at the same time, but when you switch modes, they will connect in 2 secs if they are in a close range.

## 7.10 Switching between devices (Bluetooth devices)

To switch between different Bluetooth devices in 'Bluetooth mode', you can pause the first device's music, then play the music or other sound on the second device, it would be better for the headset to know which device you want to activate.

# FREQUENTLY ASKED QUESTIONS

Q: NOT ABLE TO USE THE HEADSET ON PC?

A: You can switch different mode of the headset on PC setting of the Audio,click the bottom right side speaker icon, you can find 2 choices of the BT-16 headset normally after connected.If you can not HEAR others on the online meeting, please choose 'BT-16 Hands-free AG Audio.

If you need to only listen to music or videos without using MIC, please choose'BT-16 Stereo'.

If you connected to the 2.4G DONGLE, please choose 'BT-16 Dongle'.

Q: HOW TO GET IN PC BLUETOOTH LIST?

A: WINDOWS: When the headset is flashing red & blue light. GO TO SETTINGS>DEVICES>Add Bluetooth or other Devices>Bluetooth

Q: How to reconnect and operation when failed to reconnect?

A: When 'BT-16' is connected with your devices successfully once, it will reconnect to the paired devices automatically when power on.If failed, please connect it manually: Slide the power switch to the middle gear, then click and connect 'BT-16' on the Bluetooth list on your cell phone.

Q: Can I use the headset while it is charging?

A: Yes, but extremely low battery or poor power quality may cause electrical noise. We do not recommend frequent use in this way as it will shorten the battery life.

Q: How to reconnect the headset and what to do when it fails to reconnect?

A: 1.When 'BT-16' is paired with your device successfully, it will reconnect to the paired device automatically within 10 minutes every time it powers on.If the reconnection failed, please try to connect it on your device by clicking 'BT-16' in your bluetooth list.

2.When the headset goes out of operation range, you will hear "disconnected".It will reconnect automatically

after entering the operation range.

3.To avoid reconnection failure,keep the headset away from Electromagnetic interference devices such as microwave ovens, base stations, etc.

Q: What's the password for pairing?

A: Some devices may require a password for pairing. Try entering 0000, 8888,1111,or 1234.

Q: What devices can recharge the headset?

A: Any charger, car charger, power bank, PC, etc. with DC 5V output. (we strongly recommend you to use the cable we included in the box)

Q: What to do if I fail to pair the headset with my devices?

A: 1. Power off the headset. Pull out the USB dongle and push in again, then power on the headset.

2. Make sure the headset is not in low battery(Red light flashes)

3.If the above methods do not help, you may contact our customer service for more support.(sales@iwantek.com)

Q: Why does the headset power off automatically?

A:When the headset is not connected over 10 minutes or the battery is too low,the headset will power off automatically.

## FCC Statement

Operation is subject to the following three 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.
- (3) This device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

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 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.

## IMPORTANT SAFETY INSTRUCTIONS-CAREFULLY FOLLOW

### THESE INSTRUCTIONS

1. RETAIN THESE INSTRUCTIONS - This sheet contains important safety and operating instructions.
2. Before using the product, read all instructions and caution markings on the product, accessories, and device,
3. Keep the product away from the fire to avoid an explosion.
4. Do not place the product in or near an inflammable, explosive, or hazardous object.
5. Do not operate the product with a damaged cord or plug.
6. Do not operate the product if it has been damaged in any way.
7. Do not disassemble the product, Disassembly may result in a risk of safety hazards.
8. Do not throw or shake the product.

### Specifications

Bluetooth version Bluetooth V6.0

Frequency range 2.402-2.480GHz

Supported protocols HSP HFP A2DP AVRCP

Operation range Open area 20m, room 10m

Music time 40hrs (100% vol)

Call time 35 hrs (100%vol)

Battery type 3.7V, 500mAh lithium polymer battery

Charging voltage DC 5V

Charging time 2 hours

Operating temperature -10—55 °C



Wantek offers 12-month warranty since the day you buy the product.

Contact [sales@iwantek.com](mailto:sales@iwantek.com) for extended 6-month warranty.

Discover more discount and new products on [www.iwantek.com](http://www.iwantek.com)

After-service Email: [sales@iwantek.com](mailto:sales@iwantek.com)