

# Bluetooth headset KH155M

## User Manual

# Catalog

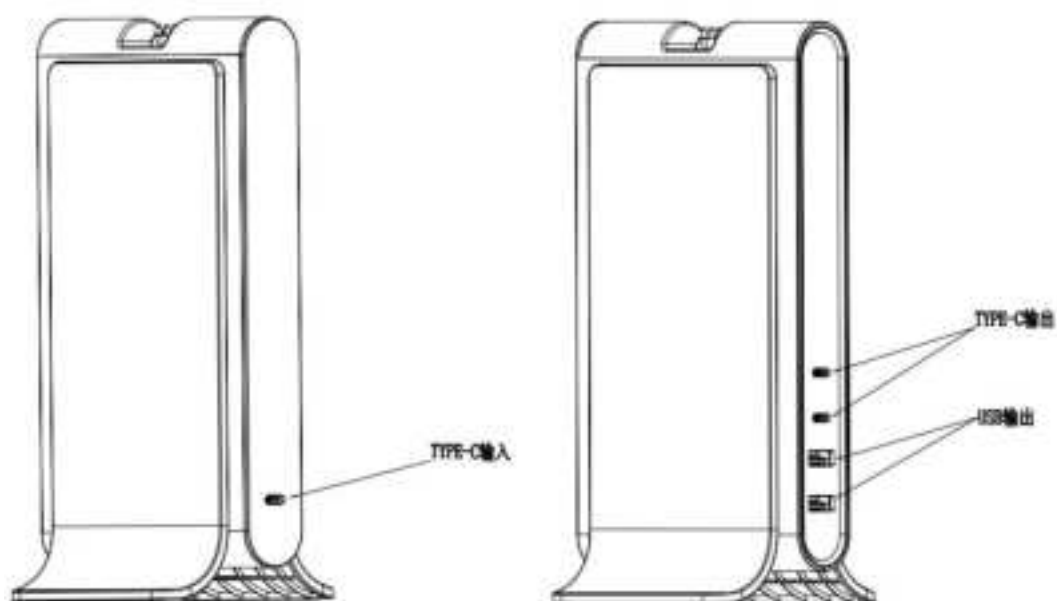
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# 1. Product Overview



MFB / Volume+ / Volume- / Power / Mute LED / Mute Button

Charging Pin / Mic / Type-c Charging Interface



Type-c Input / Type-c Output / USB Output

## Packing list:

- A. Bluetooth Headset KH155M x 1
- B. Charge Case x 1
- C. Type-C Usb charge cable x 1
- D. User manual x 1



## 2. Basic Operation

Button	Function	Operation Instruction
MFB	Play / Pause	Short press when play music.
	Redial A Call	In connected state, double press to redial a call
	Answer a call	When a call incoming, short press to answer
	Hang up a call	When during a call, short press to hang up
	Reject a call	When a call incoming, long press for 1 second to reject a call
	Voice Dialing	In connected state, long press for 1 second then release
	Audio Switch	During a call. long press for 1 second to switch the voice to the mobile phone, and long press for 1 second again to switch back to the Bluetooth headset
	Three-way calling function	<ol style="list-style-type: none"> <li>1. Call coming during a call, short press the MFB to answer the new call and hang up the current call</li> <li>2. Call coming during a call, double press the MFB to answer the new call and keep the current call</li> <li>3. Call coming during the call, long press the MFB for 1 second to keep the current call and reject the new call</li> <li>4. When you are on a three-party call, double press the MFB to switch audio between the current call and the keep call</li> </ol>
Volume+	Volume Up	Short press
	Next Song	Long press for 1 second

Volume -	Volume Down	Short press
	Previous Song	Long press for 1 second
Combine Button	delete paired records	In on-state(no calls), long press the Mute button and Volume-Button for 5 seconds to clear the pairing record.
Power	Power On	In off status, toggle the switch to the ON side to power on
	Power Off	In on status, toggle the switch to the OFF side to power off
Microphone Mute Button	Microphone Mute	When during a call, short press the "microphone mute button" to mute, with green led on, press again to cancel mute, with blue led on

### 3. Bluetooth Pairing and Connection

#### Headphone

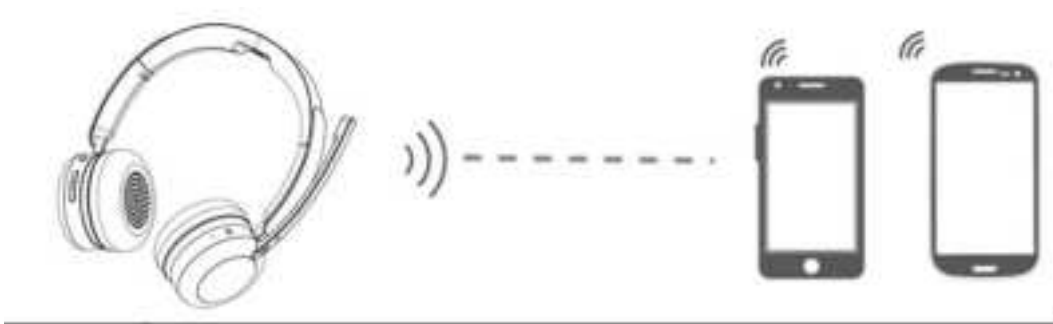
- A. Power on to enter pairing mode, with Red&Blue LED flash alternately.
- B. Search and click to connect " KH155M" on your phone Bluetooth lists, LED change to Blue slow flash( 1 time every 10 seconds ) once after connected, now you can play music from phone to headphone.
- C. You can press MFB / Volume+ / Volume- / Microphone Mute Button on the Bluetooth headset to control the answer/hang up a call and play/pause of the music, next and previous song, volume up and down, microphone mute.



1. Pairing: power on to enter pairing mode, with Red&Blue LED flash alternately
2. Search and click to connect " KH155M" on your phone Bluetooth lists.

## 1. Connection with two devices

- The mobile phones connected to KH155M are divided into two sets: Machine A and Machine B.
- Connect machine A first, and toggle the switch to On to enter pairing mode, turn on the Bluetooth of machine A and search for the device, search for "KH155M" and then click to connect. After the connection is successful, turn off the Bluetooth of machine A and KH155M enters pairing mode again.
- Then use machine B to connect with KH155M, according to the method of machine A. After the pairing is successful, turn on the Bluetooth of machine A and click KH155M to connect. (Some mobile phones may have the automatic connection function).



\*Music only can be played from one phone under two connections, when you want to play music from another phone, you need to pause or close the music of the previous phone. The same operation during talking status.



## 2. LED Indicator

### Headphone

Mode	LED Indicator
Power on	Blue LED flashes twice
Power off	Red LED flashes twice
Pairing mode	Red&Blue LED flash alternately
Connected Standby	Blue LED flashes once every 10 seconds
Playing Music	Blue LED flashes once every 10 seconds
Talking	Blue LED flashes once every 10 seconds, Green led of Mic is on
Delete pairing record	Red LED is on for 1 second
Charging	Solid Red LED
Full charged	Solid Blue LED
Low battery	Red LED flashes
Mute on	Blue Led of Mic is on

### Base

Mode	LED Indicator
Standby	Solid Blue LED
Full charged	Solid Blue LED
Charging	Red LED flashes as breath

## 6.Charging

Please charge the KH155M at once when the Red LED flashes. Charging time is about 2 hours. Solid Blue LED turns on when full charged.

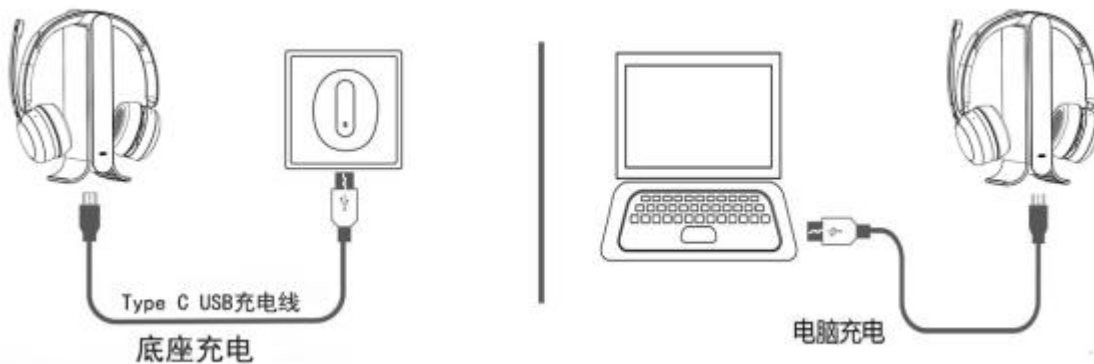
### Charge Connections

1.Please connect to the KH155M charging port through the Type-C end of Type-C charging cable.



Type-C charging cable / Charging with charger / Charging with PC

2 Please connect the Type C USB head of the Type C charging cable to the base, and connect the USB head to the USB charger (car charger, travel charger, computer USB, etc.), and put the headset on the base to charge.



Type-C charging cable / Charging with Base/ Charging with PC

\*Note:

1. Please charge the KH155M at least one time every 2 months when don' t use it.
2. When charging is started, the headset will automatically shut down.

## 7.TTS Tone

Power on	Power on
Enter paring mode	Pairing
Connected	Your headset is connected
Disconnect	Your headset is disconnected
Power off	Power off
Microphone mute on	mute on
Microphone mute off	mute off
Low battery	Battery Low

## 8. Product Specification

### Headphone

Bluetooth Version	Bluetooth V5.4
Frequency Range	2.402-2.480GHz
Bluetooth Chipset	BT8925B2
Operation Range	10 meters
Bluetooth Protocols	HFP A2DP AVRCP
CODEC	SBC、AAC
Battery Type	400mAh/3.7V
Charging Time	About 2 hours
Stand-by Time	About 400 hours
Music Time	About 45 hours ( 70% Volume )
Talk Rime	About 22 hours ( 70% Volume )
Headset Net Weight	About 243g
Headset Dimension	193.5*197.7*73.5mm
Operating temperature	-10—55℃
Noise Reduction	The maximum noise reduction depth is greater than 25db.
	Optimal noise reduction frequency band 200-4000hz
	The best noise reduction frequency band has a noise reduction depth greater than 25db.
	Effective noise reduction bandwidth 200-4000hz

## Base

	Min	Typ	Max	Unit
<b>Power consumption 电源损耗</b>				
Power supply input voltage range 供电电压	4.8	5	5.8	V
Enter the maximum charging voltage protection 输入最大电压保护	5.8	6	6.5	V
Max input voltage at the input port 输入端口最大输入电压			12	V
Ripple And Noise ( input port) 输入端口纹波			300	mV p-p
Standby Current(Dc=5V) 待机电流	50	100	200	mA
Max charging current for headphones 给耳机最大充电电流	500	600	650	mA
Max current at the input port 输入端口最大电流 (电脑或其它设备 USB 端口输出电流决定于输入端口最大电流)		2	2.6	A
Max load current of each output port 各个输出端口最大负载电流 (电脑或其它设备 USB 端口输出电流决定于各个输出端口最大负载电流)		1.8	2.2	A
Current limiting protection for each output port 各个输出端口限流保护	2	2.2	2.4	A
Output voltage of each output port 各个输出端口输出电压	4.5	5	5.8	V
Ripple And Noise ( output port) 输出端口纹波			300	mV p-p
USB 版本	USB2.0			
USB 总传输速率	About 20MB/S			

\*The above data are all from SKY WING laboratory, and the actual use time, environment and music will be different.

## **9. Attentions and Q & A**

### **A. How to reconnect and operation when failed to reconnect?**

After the headset is successfully connected to your device, it will automatically connect back to the last connected device every time it is turned on. If it cannot be connected back, please reconnect it. When the headset and the base exceed the valid range, when the distance between the headset and the connected device exceeds the valid range, the connection will be disconnected, and the connection will be automatically reconnected after returning to the connection range within 10 minutes, If there is no connection over 10 minutes, the system automatically shuts down.

### **B. How to delete paired records?**

In on-state, long press the Mute button and Volume- Button for 5 seconds to clear the pairing record. After deleting, the headset will not connect devices automatically.

### **C. What' s the password for pairing?**

Some connection devices require password for pairing, please try 0000 or 8888 or 1111 or 1234.

### **D. What devices could charge for the headphone?**

Any car charger, power bank, PC etc. which meet DC 5V, charging current more than 500mA could be charge for KH155M.

### **E. What should I do if there are some exceptions, such as failure to boot, connection exceptions, and so on? What should I do if I receive an exception?**

You can try to reset the headset by pressing the multifunction key for 10 seconds. (When the switch is switched ON, it will automatically start after resetting, and can be used normally after restarting. If it still cannot be used normally, you can seek technical support from customer service or manufacturer.

### **F.Under what circumstances will it automatically shut down?**

No connection for more than 10 minutes or battery voltage less than 3.1V automatic shutdown.

### **G.Will the microphone mute be synchronized to the computer APP when the headset is connected to dongle?**

When the headset is connected to the computer, the state of the microphone will not be synchronized to the computer APP, but there will be a light effect prompt on the microphone lever of the headset.

### **H.If the headset is silent during the call, how to solve it?**

If the headset is silent during the call, please check whether the network is normal first, then turn on the sound setting in the lower right corner of the computer to check whether it is all headsets or dongle sound cards (you can try to switch the sound card to recover the sound) if it is still abnormal, then check the call setting and volume setting of the computer APP to check whether the input and output settings of the computer APP are all set with headsets. If it still cannot be used normally, you can seek technical support from customer service or manufacturer.

**I.If the sound quality of the headset becomes worse, how to solve it?**

If the sound quality of the headset becomes worse, check whether the network is normal, and then try to reconnect the device or restart the headset and the connected device.

**J.If the Headset cannot connect to the device, how to solve it?**

If the headset cannot be connected to the mobile phone or computer light device, you can try to press the mute key and the volume drop key for 5 seconds at the same time. Please leave the matching record of the headset empty.

If it still fails, you can try to switch the headset and the connected Bluetooth again to try to connect. If the headset cannot be connected to dongle, You can try to press the mute key and the volume drop key for 5 seconds at the same time. Please empty the matching record of the headset. At the same time, dongle connects to the computer, and operates the computer to mute/cancel mute for 6 times to clear dongle. After the blue light of dongle flashes, try to connect again.

**K.What equipment does the headset support?**

Currently, the headset supports mobile phones, computers and transmitters (office phones are not supported for the time being)

## FCC Warning

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.

**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.

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



## IC Warning

- English: This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

- French: Cet appareil contient des émetteurs/récepteurs exemptés de licence qui sont conformes aux RSS exemptés de licence d'innovation, sciences et développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes:

1. Cet appareil ne peut pas causer d'interférences.
2. Cet appareil doit accepter toute interférence, y compris les interférences qui peuvent causer un fonctionnement indésirable de l'appareil.

### 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.

L'appareil a été évalué pour répondre aux exigences générales d'exposition aux radiofréquences. L'appareil peut être utilisé en condition d'exposition portable sans restriction.