

# Bluetooth Headset / Transmitter Outline



Figure 1. Bluetooth Stereo Headset

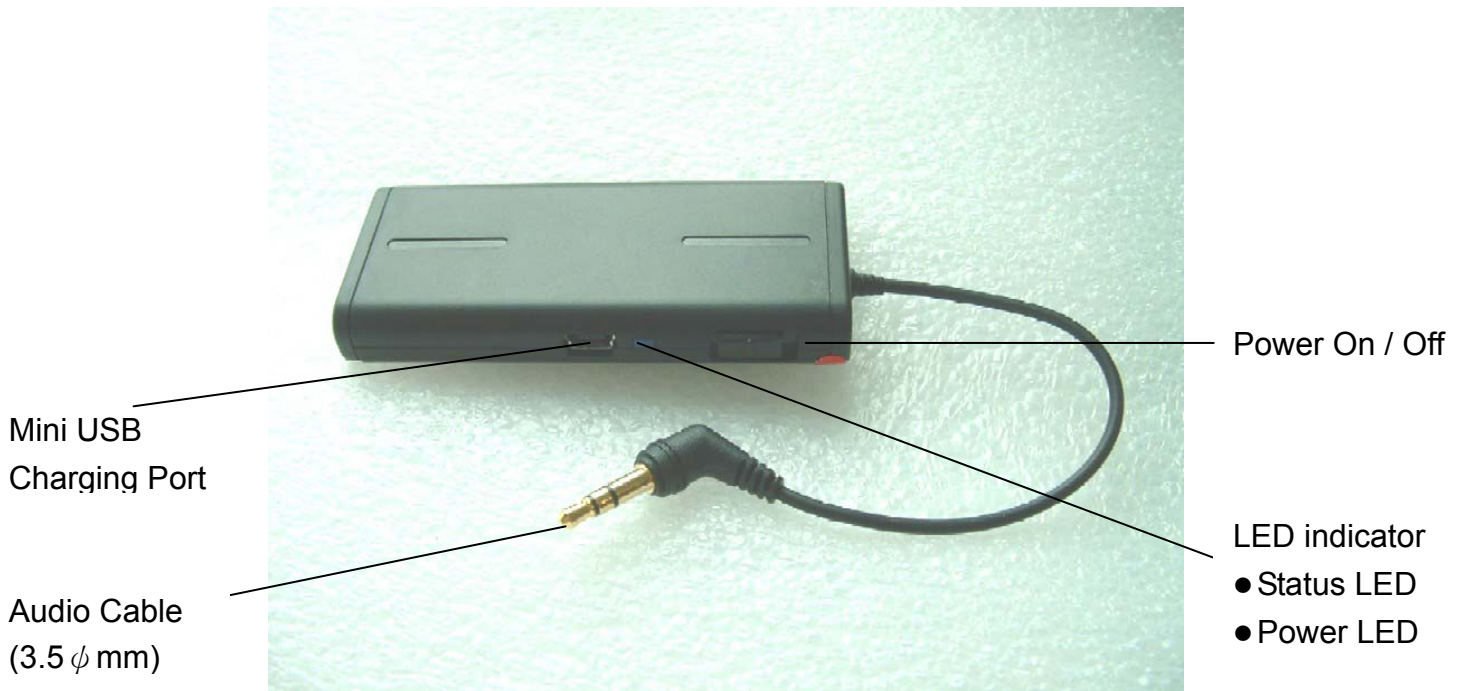


Figure 2. Bluetooth Transmitter

# **How to Use Bluetooth Headset & Transmitter**

## **Respond to Cell Phone**

### **1. Set Up / Prerequisite**

Before you turn on the headset and transmitter (TX), please use the USB charging cable to charge them.

### **2. Pair / Connect**

- (1) Turn on the headset.
- (2) Operate the Bluetooth enabled cell phone to search headset.
- (3) Enter PIN code "0000" when the pop-up screen is shown on the cell phone.
- (4) Pairing is done while the headset status LED indicator start flashing slowly.
- (5) Add the headset to a list of "Paired Device" in the phone to connect it with cell phone.

### **3. Accept / Reject Calls**

If you are going to answer the phone call, you need short press button 3 less than 5 seconds. If you don't want to answer the call right now, you can reject the call by long press button 3 more than 5 seconds.

## **Enjoy the Superior Music Quality**

### **1. Set Up / Prerequisite**

- (1) Link the TX to the audio source with the audio cable.
- (2) Power on TX and the status LED indicator is flashing.

### **2. Connect TX / Headset**

- (1) Turn on the headset.
- (2) The TX and the headset will be paired automatically after a few seconds.
- (3) You can hear music from the headset.

## **Switch Between Music and Phone Calls**

### **1.Set Up / Prerequisite**

- (1) Repeat the procedure "Enjoy the Superior Music Quality", and play music.
- (2) Use the cell phone and find the headset on the "Paired Device" list. Then, operate the cell phone to connect to headset.

### **2. Make the Switch**

- (1) When the connection is set up, the music will pause and you can switch to the cell phone mode automatically. You can start to make an outgoing call and are able to converse over the phone.
- (2) When your conversation is done and you stop using the cell phone, the streaming of music will resume immediately and automatically.
- (3) If someone calls you, the music will pause and you can answer the phone.
- (4) When headset is in the phone mode, the status LED indicator of TX will be steadily on.
- (5) After phone call ends, the music will resume; and the LED indicator of TX will slowly flash again.
- (6) You can repeat this scenario and switch freely between cell phone and music mode.

## **Call Transfer**

### **1.Phone Mode**

When the link is set up and you use the headset to answer the call, it is in the phone mode. Then you can long press the button 3 to transfer the call to cell phone and talk via your cell phone.

In the phone mode, call transfer function can be enabled by long pressing button 3 more than 5 seconds in or out of conversation.

### **2.Music Mode**

When you are listening the music, you have two ways to use the call transfer function. First, you can pick up your cell phone directly. Then you can long press button 3 to transfer the call to the headset. The music will stop and you

can use the headset to answer the phone. Second, you can long press button 3 more than 5 seconds. And you can hear the ring tone in the headset. Then you can answer call by short press button one. The music will stop and you can start your conversation.

### Bluetooth Stereo Headset

Functions Mode	Button 1	Button 2	Button 3	Status LED	Power LED
Mobile Mode	Volume Up	Volume Down	Hang up	Flash Slowly 1 time in 2 seconds	N/A
Phone Ringing	Volume Up	Volume Down	<ul style="list-style-type: none"> <li>● Long Press: Reject</li> <li>● Short Press: Accept</li> </ul>	Flash Quickly 4 times in 1 second	N/A
Music Mode	<ul style="list-style-type: none"> <li>● Press hold: Volume Up</li> <li>● Short Press: Forward</li> </ul>	<ul style="list-style-type: none"> <li>● Press hold: Volume Down</li> <li>● Short Press: Backward</li> </ul>	Play / Pause	Flash Slowly 1 time in 2 seconds	N/A
Idle Mode (unlinked)	N/A	N/A	N/A	Flash Quickly 3 times in 2 second	N/A
Battery Low Power	N/A	N/A	N/A	N/A	Slow flash 1 time in 2 seconds
Battery Charging	N/A	N/A	N/A	N/A	Always On and will be turned off when finish.

- In phone ringing mode, long press means more than 5 seconds. Short

press means less than 5 seconds.

- In music mode, long press means more than 0.5 seconds. Short press means less than 0.5 seconds.

### Bluetooth Transmitter

Functions Status	Status LED	Power LED
Searching device	Flash Quickly 2 times in 2 seconds	N/A
Pairing mode	Flash Quickly 4 times in 1 second	N/A
Link with HS in music mode	Flash Slowly 1 time in 2 seconds	N/A
Indicate that HS is operating in phone mode	Always ON	N/A
Indicate that TX can't find any device to pair in 3 minutes	Always ON (Please reset it so you can back to normal function.)	N/A
Battery Low Power	N/A	Flash Slowly 1 time in 2 seconds
Battery Charging	N/A	Always On and will be turned off when finish.

## Specification

Product Name	Bluetooth Headset
Standard	Bluetooth 1.2 compliant
Power Class	Class 2
Frequency Band	2.402~2.480 GHZ unlicensed ISM band
Profile Supported	A2DP, Headset and Hand Free Profiles
Audio Format	SBC
Memory	8M flash external memory
Rx Sensitivity	< 0.1% BER at -86 dBm
RF Output Power	-6dBm to 4 dBm
Sampling Rate	48 KHz
Antenna	embedded antenna
Working Distance	up to 10 meters (in open space) <i>Note: The maximum operating range depends on the paired phone model, battery power, and environmental factors.</i>
Power Consumption	Music Streaming: 75 mA (Typical)
Operating Temperature	-10 °C ~ +55 °C

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## **Federal Communications Commission (FCC) Statement**

15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

15.105(b)

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.

### **Operation is subject to the following two conditions:**

- 1) this device may not cause interference and
- 2) this device must accept any interference, including interference that may cause undesired operation of the device.

### **FCC RF Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.