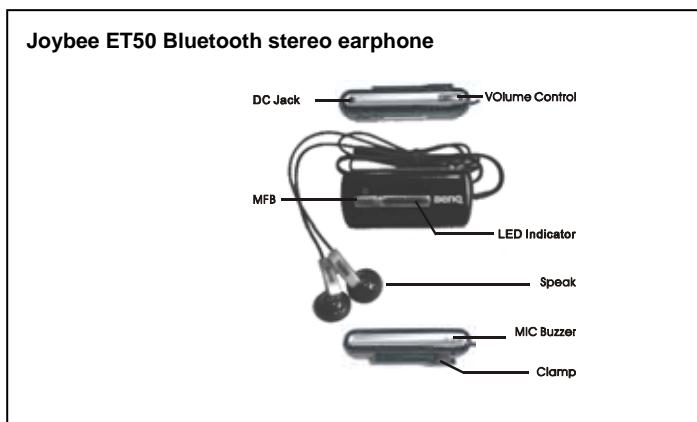


## 1 Specification

Bluetooth specification: Bluetooth v1.2 compliant;  
Support Profile: All devices support the Bluetooth A2DP, AVRCP, HS, HF profile ;  
Power class: class II;  
Wireless application range: 10 meters;  
Frequency range: 2.402GHz-2.480GHz;  
Enjoy the wireless music and conversation simultaneously;  
Allows music streaming via the Audio Dongle that transmits stereo audio through any audio player;  
Alert any incoming call with internal buzzer sound that can be toggled on or off;  
Rechargeable lithium-ion battery;  
Charge-up time: 2~3 hours;  
Operation time: up to 7 hours;  
Standby time: up to 180 hours.

## 2 Product Pictures



## 3 Button Definition

**Joybee ET50 Bluetooth stereo earphone button definition and description**

Button	Pair with the mobile phone	Pair with Audio Dongle
Multi Function Button "MFB"	On/Off Paring Answer a call Ending a call Voice dialing Last number Re-dialing	On/Off Paring
Volume control button "V+" & "V-"	Adjust volume Reject a call Interchanging Toggle the buzzer	Adjust volume
Paring password	0000	Pairing automatically



## 4 Joybee ET50 Operation Guide

### Charging up

By plugging the power adapter into the DC jack of the earphone, charge up your earphone approximately for 2~3 hours after you have made your purchase. During charging, the indicating LED lights up red in color and all earphone function will be turned off automatically. When the charging is completed, the earphone indicator (Red LED) turns off and the adapter can be removed from the earphone and AC socket.

### Low voltage indication

During normal power consumption, the voltage may gradually drop to 3.3 V, the indicating light (Red LED) flashes once every 4 seconds.

When the voltage drops to 3.0V, the indicating light (Red LED) flashes once every 4 seconds, and the earphone will power down automatically after 30 seconds.

**When the earphone detects a low voltage, please re-charging your device immediately in order to maintain the proper battery quality.**

### Turn on and Turn off

#### Turn on

Press MFB button for 3 seconds, you will hear tone from the speaker and the LED light for 3 seconds. Earphone will go into stand-by mode.

#### Turn off

Press MFB button for 3 seconds you will hear tone from the speaker and the Led light for 6 Seconds. Earphone will be turned the power off. It also disconnect with paired device.

### Toggle the buzzer (at waiting mode)

#### Turn off

Press V+ or V- for 3 seconds, you will hear a “beeping” sound twice. Then, incoming call signaled by a buzzer sound is deactivated.

#### Turn on

Press V+ or V- for 3 seconds, you will hear a “beeping” sound once. Then, incoming call signaled by a buzzer sound is activated.

## Pairing the Bluetooth earphone with Mobile Phone

### Pairing with the mobile phone

**Only connect the Mobile Phone supported with Bluetooth function.**

Put the Mobile Phone and the Bluetooth stereo earphone in an observable distance within 1 meter between them.

Make sure the Bluetooth earphone is in “off” status.

Press and hold the MFB for 6 seconds until the earphone LED flashes red and blue alternately. It's now ready for paring.

Activate the Bluetooth function built-in with your mobile phone (referring to your mobile phone user manual).

The mobile phone will search for all accessible Bluetooth devices. Then select “Joybee ET50” from the Bluetooth device’s name list shown on mobile phone display, and confirm your selection accordingly.

Enter the password “0000”to confirm it. Your Bluetooth earphone is now paired with your mobile phone.



After pairing, you will hear a long tone from the earphone speaker, meanwhile, the indicator light of the phone (Blue LED) will flash thrice slowly and continue to flash once every 4 seconds.

If pairing uncompleted after 2 minutes, the earphone will power off automatically. So you have to repeat the mentioned steps for pairing your earphone again.

Return to the main menu or “home” of your mobile phone; make sure there is no obstacle between your earphone and mobile phone in an effective distance of 10 meters, now the earphone is paired successfully and ready for answering call or listening to playback music.

### **Answering a call**

To answer a call, wait for the Bluetooth stereo earphone to ring, then short press the MFB.

### **Ending a call**

During conversation, short press the MFB to end a call.

### **Reject a call**

When you hear the beep from the speaker or the “beep” from the buzzer, press and hold either V+ or V- button for 3 seconds until a short beeping sound is heard from the earphone.

### **Voice dialing**

If your mobile phone is voice dialing enabled, under the stand-by mode, press the MFB and when you hear a beeping sound, say your required name to response the voice tag.

**IMPORTANT:** Please make sure to record voice tag into the mobile phone before you use the voice dialing function. This function is only applicable to mobile phone with Bluetooth hands-free profile. Please refer to your mobile phone user guide for detailed voice dialing operation.

### **Last number Re-dialing**

Under stand-by mode, short press the MFB on your stereo earphone twice. Your mobile phone will redial the last number automatically.

### **Interchanging**

You may toggle your conversation between your stereo earphone and your mobile phone very conveniently. During talk time, press and hold the V+ or V- button for 3 seconds, your conversation will be directed to mobile phone. By short pressing the MFB, your conversation will be taken place with stereo earphone again.

### **Listening to music**

While enjoying the music, short press the MFB to pause the music and short press the MFB again to play the music again. (This function is only applicable to Bluetooth stereo mobile phone with the A/V profile. Please refer to your mobile phone user guide for detailed operation process.)

### **Volume control**

During talk time or listening to music, press the V+ to increase volume or press the V- to decrease volume.

## **Pairing the Bluetooth earphone with Audio Dongle**

### **Pairing with Audio Dongle**

Put the audio dongle and the Bluetooth stereo earphone in an observable distance within 1 meter between them.

Make sure the earphone and audio dongle are in "Off" mode.

Press and hold your Bluetooth earphone MFB for 6 seconds until the earphone LED flashes red and blue alternately. Your Bluetooth earphone is ready for pairing now.

Meanwhile, press and hold the audio dongle MFB for 6 seconds until the audio dongle LED flashes red and blue alternately. Once the pairing mode has been activated in the audio dongle, your stereo earphone is paired with the dongle automatically. You will hear a tone from the earphone speaker, both your earphone and the dongle will flash blue LED signal per every 4 seconds to show the correct pairing.



If paired uncompleted after 2 minutes, the earphone will power off automatically. Please repeat the mentioned processes to pair them again.

### **Listening to music**

After the successful pairing, plug the audio dongle into any audio device with audio output jack. Now you can enjoy the wireless stereo music streaming by laughing audio player software and playing your favorable music.

### **Volume Control**

While listening to music, press the V+ to increase volume or press the V- to decrease volume.

## **Pairing with Mobile phone and Audio Dongle at the same time**

### **Pairing your earphone with mobile phone and Audio dongle simultaneously**

Put the Bluetooth stereo earphone, the audio dongle and the mobile phone in an observable distance within 1 meter among them.

Firstly, pair your Bluetooth stereo earphone with the audio dongle as what you have done as describe in page 10 and page 11.

After successful earphone and dongle pairing, power off the both devices. Then turn on your earphone, and press the earphone MFB to activate the pairing mode of the earphone again.

Pair your earphone with your mobile phone as what you have done as describe in page 8 and page 9.

Make sure the pairing between your earphone and mobile phone is successful, then power on the audio dongle. At this moment, once you have turned on the audio dongle, the 3 devices: your Bluetooth stereo earphone, the audio dongle (optional) and your mobile phone will pair all together automatically at the same time.

**IMPORTANT :** You have to follow the correct sequences as mentioned to ensure the proper simultaneous pairing of the 3 devices.

### **Listening to music**

After the successful pairing, plug the audio dongle into any audio device with audio output jack. Now you can enjoy the wireless stereo music streaming by laughing audio player software and playing your favorable music.

### **Multimedia volume control**

While listening to music, press the V+ to increase volume or press the V- to decrease volume.

### **Answer a call**

During listening to music, short press the MFB to answer a call.

### **End a call**

During the talk time, short press the MFB to end a call.

### **Reject a call**

During listening to music, your earphone will cut the music down automatically and switch to the answering mode when there is a incoming call. At the same time, you will hear a beep from the speaker and the beeping sound from the buzzer, press and hold either V+ or V- button for 3 seconds until your earphone emits a short “beep”, the call is then rejected. And the music is back again.

### **Conversation volume control**

During conversation, press V+ to increase the volume or press V- to decrease the volume.



## Technical Specification

### LED Indicator

STATUS	INDICATE LIGHT	INDICATE VOLUME
Turn On	Blue LED shine (Hold for 3 seconds)	A short beep
Turn Off	Red LED shine (Hold for 6 seconds)	A long beep
Stand-by (Paired completely)	Blue LED Flashes once every 4 sec.	-----
Stand-by (Low battery)	Red LED Flashes once every 4 sec.	-----
Talking	Blue LED Flashes once every 4 sec.	-----
Pairing	LED flash red and blue alternatively	-----
Paired successfully	Blue LED Slowly flashes thrice	A long beep
Charging up	Red led solid shine	-----
Finished charge	-----	-----

### Power Consumption

Current Status \ Device	Mobile Phone	Audio Dongle
Charging	160~220mA	160~220mA
Turn off	20uA(max)	20uA(max)
Stand by	2mA(max)	2mA(max)
Pairing	25mA(max)	25mA(max)
Play music/Talk	50mA(max)	50mA(max)

### Audio Specification

Audio Streaming Format:	SBC Max 200Kbps, 48,000KHz
Audio Frequency Range	20Hz~20,000Hz



Audio S/N	> 75db Since 1kHz,UN-WTD < 10Hz-IEC-A=
Audio THD+N	< 0.27%(Max) since 1kHz, UN-WTD < 10Hz~80KHz=
Stereo Channel Separation	> 86dB since 1kHz,UN-WTD < 10Hz~80KHz=
Audio Output Power	7.5mW×2 ( Max )

This device complies with Part 15 of the FCC Rules. Operation is subject to the following Conduction: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC NOTE:

The Manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.