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BX-50B

立体声蓝牙操作规格书

STEREO EARPHONES
BLUETOOTH
FEATURING 4.1 TECHNOLOGY

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基本规格参数

- 尺寸：总长：560*宽：19.7*高26mm
- 重量：15.5 g（裸机）
- 充电口：Micro USB
- 按键：3个（多功能键，音量减（上一曲）键，音量加（下一曲）键）
- 耳塞：（大、中、小）耳塞
- 电池规格：可充电锂聚合物电池3.7V ;160mAh
- 充电规格：直流5V/80mA
- 充电器输出规格：5V/0.5~1.0A
- 充电显示/充电完成显示：红LED长亮/蓝灯常亮
- 待机时间：150H
- 连续通话时间：9~10H
- 连续播放音乐时间：8~10H
- 充电时间：2H~2.5H
- 音量调节/每段的可变量：16阶/每段可变量1.5dB
- 工作时电池状态的LED表示：电池电压低于3.3V（电池容量低于约15%）时红色LED闪烁，并有提示音,低于3.1V（电池电量低于约5%)自动关机
- 工作温度：充电时0~40°C、充电以外-20~60°C
- 保存温度：-40~80°C

喇叭和MIC参数

- 喇叭规格/方式：Φ9.0mm动圈式
- 失真：1%以下
- 最大输入功率：90mW
- 阻抗：16Ω/typ
- 频率Frequency(Hz)：20Hz~20KHz
- MIC敏感度：-42±3dB

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蓝牙部分参数

- 蓝牙版本：Ver.4.1+EDR技术
- 支持Profile：HSP、HFP、A2DP、AVRCP、APTX
- 对播放器的遥控功能：MFB(播放/暂停/停止)音量减+上一曲/音量加+下一曲
- 设备名称：BX50B
- 对码Pass：0000
- RF发射：class II(-6dBm~+4dBm)
- 接收灵敏度：-92dBm
- Transmission Range (Hz)：2.4GHz~2.48GHz
- 通信距离：10m

认证类
机械可靠性

- 按键：1万次
- 充电口（Micro USB）：5000次插拔
- LED：辉度/潮光/亮度必须一致

操作方式（接/打电话）

- 开机：关机状态下,长按多功能键3秒:蓝灯长亮随后闪动2下，并伴有“蓝牙已启动/PowerOn”提示音
- 关机：开机状态下,长按多功能键 3 秒,红灯亮起,并伴有“蓝牙已关机/PowerOff”提示音
- 配对：关机状态下,长按多功能键约6秒，直至红蓝LED 交替闪烁,并伴有“进入配对模式/Pairing”提示音
- ※如果在开始交替闪烁前放手的话、会进入电源ON状态，需要重新关掉耳机操作或者同时按下音量加和减键
- 简易连接功能：耳机开机后没有连接上手机，此时同时按下音量加和减,就会重新进入配对状态

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- 来电接听：来电时，短按耳机上多功能键, 伴有“接听来电/Call Answered”提示音
- 拒接来电：来电时，长按多功能键2秒，并伴有“拒接来电/Call Rejected”提示音
- 结束通话：通话中，短按多功能键, 并伴有 “ 结束通话 / Call Terminated”提示音
- 通话中音量调节：每单击音量加或者音量减键会增大 / 降低一段音量量大小音量时有音提示
- 重拨电话：待机或者播放音乐时,双击MFB 键，耳机会拨控手机自动拨出最后一次拨出的电话号码，并伴有 “未位电话重拨/Last Number Redial”提示音
- 静音：通话时长按音量加键或音量减键2 秒。此时，对方的声音都听到，而己方的声音对方听不到耳机上每10秒有提示声，告诉你处于静音模式中
- 解除静音：处于静音模式时，长按音量加键或音量减键 2 秒，解除静音
- 声音切换：通话过程中，双击MFB 键声音会从耳机传到手机，再双击MFB 键，声音又回到耳机，并伴有“语音转移/Transfer Audio”提示音
- 断开后再连接：耳机与手机的距离超出信号范围外一定时间后、或是手机起动别的功能需要断开蓝牙连接时、又或是手机关机后又开机时，有“蓝牙已断开/Your headset is disconnected”提示音发出此时,单击耳机的MFB按键（有些手机可能会提示你是否要连接）就能重新连上蓝牙并伴有“蓝牙已连接/Your headset is connected”提示音发出。
- 语音提示切换：耳机连接电源状态下同时长按音量加键和音量减键听到“中文语音模式/English language selected”时松手

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双手机连接：

- 步骤如下：
  a.如一个手机正在和耳机连接，从手机上操作断开和耳机连接
  b.同时按下耳机音量加减键并松开，耳机上的红蓝LED交替闪烁，重新进入配对状态
  c.打开第二台手机的蓝牙并搜索新设备，显示屏上显示“BX50B”,按正常操作和耳机连接
  d.操作第一个手机就可以再次连接到耳机
  e.此时2个手机连接耳机完成
- 呼叫转移：在接听第1台手机（AG1）的通话中、第2台手机（AG2）来电时、长按MFB 键约2 秒,就会拒接AG2来电，继续和AG1 通话。同时按下音量加键和音量减键（有提示音）。可以接起AG2的电话（此时AG1保留中）、再次同时按下音量加键和音量减键，返回AG1通话（此时AG2保留中）。可在AG1和2中不断切换。如果只单击MFB键切断当前的通话时，耳机会自动接回另1台保留中的通话

操作方式（播放音乐）

- 播放音乐：在手机或者播放器上操作（某些手机在连接上蓝牙立体声时会自动起动音乐播放器）
- 暂停音乐：播放音乐时单击MFB键,音乐暂停
- 播放音乐：（在暂停状态下）：再单击MFB键
- 音量加：每单击音量加键会增大一段音量,最大音量时有提示音
- 音量减：每单击音量减键会减小一段音量，最小音量时有提示音

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- 跳到上一曲：长按音量减键2秒
- 跳到下一曲：长按音量加减2秒
- 播放音乐时来电接听：短单击MFB键（音乐会保持暂停状态）
- 播放音乐时来电接听后结束电话：短单击MFB键（之前暂停中的音乐会重新开始播放）。
- 播放音乐时来电拒接：长按MFB键2秒拒接来电
- 播放音乐时打电话：双击MFB键会自动播出最后通话

各状态下的LED顶示以及相应提示音

- 开机：蓝灯慢闪2下
- 关机：红灯慢闪1下　保持暂停状态）
- 配对：红蓝交替闪烁
- 待机时（无蓝牙连接）：5秒闪1次蓝灯
- 待机时（有蓝牙连接）：3秒闪1次蓝灯
- 来电时：蓝灯快速闪烁
- 拨号时：蓝灯快速闪烁
- 通话时：每3秒闪1次蓝灯
- 播放音乐时：4秒闪2次蓝灯
- 充电中：红灯长亮
- 充电完成：蓝灯长亮
- 电池低电压时：20秒钟闪一次红灯,并伴有“电池电量低/Battery Low”提示音

备注：

- 开机没有连接任何手机 5分钟后自动关机
- 配对时间：3分钟后没有连接到手机,会自动退出对码状态

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Basic Specifications

- Size : 560L(*19.7)W*26mm(T)
- Weight : 15.5g (Net Weight)
- Charging port : Micro USB
- KEYS : (MFB button , Volume- (Previons song button) , Volume+(next song button)
- Earbuds : S、M、L
- Battery : Rechargeable Lithium Polymer Battery 3.7V ; 160mAh
- Charging input : DC 5V & 80mA
- Charging output : 5V / 0.5 ~ 1.0 A
- Transmission distance : Red LED light (Charging) / Blue LED light (Charging completed)
- Standby Time : 150H
- Talk Time : 9~10H
- Music Playback time : 8~10H
- Charging time : 2H~2.5H
- Volume adjustment : 16 volume levels/ steps of 1.5dB
- Indicator for charge in working stage: Battery voltage lower than 3.3V(the stage of battery lower than 15%), there will be a warning tone with LED indicator flashing in red; battery voltage lower than 3.1V (the stage of battery lower than 5%), the headset will power off directly.
- Operating temperature : Charging : 0~40°C, Charging than -20~60°C
- Storage temperature : -40~80°C

Speaker and MIC parameters

- Speaker Specification/mode : Φ9.0mm, Dynamic
- Distortion : Below 1%
- Maximum input power : 90mW
- Impedance : 16Ω/typ
- Frequency(Hz) : 20Hz~20KHz
- MIC sensitivity : -42±3dB

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- Previous song : Press volume- button for 2 seconds
- Next song : Press volume+ button for 2 seconds
- Incoming call(Music playback) : Short press the Multifunction button (the music will pause)
- End call(Music playback) : Short press the Multifunction button (the headset will replaying the music)
- Reject call : Press and hold the Multifunction button for 2 seconds
- Make a call : Double press the Multifunction button to dial last number (the music will pause)

LED indicator status

- Power on : The blue LED will flash twice
- Power off : The red LED will flash once
- Pairing mode : The red and blue LED lights will flash in an alternating pattern
- Standby mode (without BT connection) : The blue led light will flash once very 5 seconds
- Standby mode (with BT connection) : The blue led light will flash once every 3 seconds
- Incoming call : The blue led light will flash quickly
- Making a call : The blue led light will flash quickly
- Calling : The blue led light will flash every 3 seconds
- Playing music : The blue led light will flash twice every 4 seconds
- Charging : Red LED light
- Charging completed : Blue LED light
- When the BX50B has a low battery, the red light will flash once every 20 seconds,you will hear a prompt “battery low”

Notes:

- If the headset doesn’t connect with any devices, it will turn off automatically after 5 minutes
- Pairing time: Pairing mode will remain active for 3 minutes, if the headset doesn’t connected with the mobile phone after 3 minutes, the headset will quit the pairing mode automatically.

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Bluetooth Parameters

- Bluetooth Version : 4.1+EDR
- Bluetooth Profile Supported : HSP、HFP、A2DP、AVRCP、APTX
- The remote control to speaker : (MFB(Play/Pause/Stop), Vol- (Previous song) , Vol+(Next song)
- Device Name : BX50B
- Pass : 0000
- RF transmitter : class II (-6dBm~+4dBm)
- Receive Sensitivity : -92dBm
- Transmission Range(Hz) : 2.4GHz~2.48GHz
- Transmission distance : 10m

Certification
Mechanical reliability

- Button : 10 thousand times
- Charger port(Micro USB) : Plug 5000 times
- LED : Luminance/light-leaking luminosity must remain the same

Answer/Make a call

- Power on : When the headset is off, press and hold multifunction button for 3 seconds, the blue led light will flash twice until you will hear a prompt “PowerOn”.
- Power off : When the headset is on, press and hold multifunction button for 3 seconds (Red LED blinking), you will hear a prompt “Power Off”.
- Pairing mode : When the headset is off, press and hold multifunction button for 6 seconds (red and blue LED blinking alternatively), until you will hear the prompt “Pairing” from the headset.
- If you release the button before the LED blink, the headset will power on, you need power off the headset or press and hold vol+ and vol- at the same time to go into pairing mode again.
- Easy connection function : If the headset doesn’t connect with any phones when it is on,Press and hold vol+ and vol- at the same time to enter into pairing mode

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Connect with two mobile phones

Steps :
- First disconnect the Bluetooth device from your phone if it is already connected.
- Press and hold vol+ and vol- at the same time until the red and blue LED lights will flash in an alternating pattern, The BX50B will enter pairing mode again.
- Turn on and search Bluetooth device on your second phone until you find “BX50B” and select to begin pairing.
- Please reconnect with the first mobile phone
- Now you should have two mobile phones connected with the headset.
- Transfer Calls :

When you are talking on the phone and receive another incoming call, press the MFB for 2 seconds to reject the incoming call. If you click Vol+ and Vol- concurrently (with the reminding tone), you will answer the incoming call. Your first call will be placed on hold. When you click Vol+ and Vol- concurrently again, you will transfer back to your first call. You should hear a beep. During this time your second call will be placed on hold. You can also end the call by clicking the MFB.

Music play operation

- Music play : Operate on the phone or on the headset; (Music will play automatically on some mobile phones when it connect with Bluetooth device)
- Pause music : Press multifuction button to pause music
- Play music : Press multifuction button again to restart music
- Increase volume : Press volume+ button , when the volume reaches the maximum level, the BX50B will produce a short tone
- Decrease volume : Press volume- button, when the volume reaches the minimum level, the BX50B will produce a short tone.

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- Answering call : Press the Multifunction button until you hear a tone “call answered”
- Reject incoming call : Press and hold the Multifunction button for 2 seconds until you hear a tone “call rejected”
- End call : Press the Multifunction button until you hear a tone “call terminated”
- Adjusting the volume : Press the Volume Up button or Press the Volume down button will produce a short tone
- Redial last call : Double press the MFB button when no call is in progress and headset will say “Last number redial”
- Mute microphone : Press either the - or the + volume button for 2 seconds to mute
- Unmute microphone : Repress and hold the - or the + volume button for 2 seconds to unmute
- Switching Between Your Mobile Phone and Headset When talking on the phone, double-click the MFB to switch the voice from your headset to your mobile phone. By double-click the MFB again, the voice will switch back to the headset
- Reconnect : When the headset is disconnected from your mobile phone, you will hear the words “Your headset is disconnected” . If you press the MFB, it will reconnect. You will hear the words “Your headset is connected” from the headset.

Some mobile phone may have a prompt screen, that will ask you if you would like to pair your device.

- Switch the language : Press and vol+ and vol- button when the headset is power on until you hear a prompt “ English language selected”.

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Stereo Bluetooth Headset User manual

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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.

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 to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.