

429.69 mm

蓝牙手表音响说明书

功能特点:

1. 本音箱采用合理的声学设计，音质出众
2. 蓝牙音频传输及来电免提通话功能
3. 蓝牙自拍功能，实现边听边拍
4. FM调频收音功能
5. 语音提示各种工作状态
6. 支持TF卡播放并支持FLAC/WAV/MP3等格式文件
7. 支持数显对应各状态功能
8. 支持时钟和闹钟功能(闹钟1/闹钟2)
9. 闹钟响铃3次，间隔1分钟贪睡模式
10. 内置大容量锂电池供电，续航时间长

按键及接口说明



播放/暂停键

- 短按--播放/暂停；长按--开机/关机；
- 蓝牙模式：
- 蓝牙已连接：双击--回拨；
- 蓝牙已断开：短按--回连，
- 通话/去电时：短按--挂断电话；
- 来电时：短按--接听电话，双击--拒接电话。



音量加

- 短按--音量加；长按--下一曲；
- 时钟设置模式：短按--时间加；长按--时间连续加。



音量减

- 短按--音量减；长按--上一曲；
- 时钟设置模式：短按--时间减；长按--时间连续减。



模式键

- 双击--模式切换；
- 蓝牙模式：
- 已连接：短按--拍照(需要打开已连手机的相机)；
- 长按--断开手机，重新配对；
- 通话中：长按--切换手机与本机的通话方式；
- 收音模式：长按--开关自动搜台。



时钟键

- 时钟模式：短按--切换显示模式(时钟/闹钟1/闹钟2)；
- 长按--进入(时钟/闹钟1/闹钟2)设定模式；
- 设定模式：短按--切换小时/分钟/闹钟开关；
- 长按--保存设置，返回显示模式；
- 闹钟响铃：短按--关闭当前响铃；
- 长按--关闭当前响铃，关闭贪睡模式；
- 蓝牙/FM/TF模式：长按--进入时钟模式。



TF卡槽

- TF卡文件系统支持：FAT和FAT32；

MICRO USB插座:

- 充电接口：DC5V 500mA；

蓝牙，让您的音乐从此开始

- 1.开机后双击模式键切换到蓝牙模式，出厂时B90全自动进入蓝牙配对模式，显示屏交替显示“Bt”，“-Bt-”。
- 2.打开手机、IPAD、PC或其他可以连接蓝牙耳机的电子设备，开启蓝牙功能并搜索蓝牙设备号“B90”进行配对，连接成功后，显示屏显示“-Bt-”此时您可以开始播放音乐了。

多媒体，让您的音乐无界限

TF卡播放：

- 1 TF使用前请格式化为FAT32的格式，拷贝格式为FLAC/WAV/MP3的音乐文件到TF卡的目录下，完成拷贝；
 - 2 开机，TF卡插入本机卡槽、本机自动播放TF卡的音乐。
- 收听FM电台：开机，双击模式键切换到FM模式，第一次使用时长按模式键进入全自动搜台，搜台完成后会自动播放搜到您本地的第一个电台，长按音量键，选择您喜欢的电台，收听精彩的节目。

时钟，让您的时间更有效

时钟设定：

- 1.开机，当本机没有插入TF卡时，本机自动进入时钟显示模式，显示屏显示“12：00” “：” 1秒闪烁时为时钟显示界面；
- 2.长按时钟键，进入时钟设置模式，显示屏显示小时位1秒闪烁；
- 3.按音量加减键加减要设定的小时数；
- 4.短按时钟键切换到分钟设定模式，此时显示屏显示分钟位1秒闪烁；
- 5.按音量加减键加减要设定的分钟数；
- 6.长按时钟键保存设定的时间，返回到时钟显示模式。

闹钟设定：

- 1.时钟显示模式，显示屏显示“12：00” “：” 1秒闪烁时为时钟显示界面，
- 2.短按时钟键切换到闹钟1显示界面，再次短按时钟键切换到闹钟2显示界面；
- 3.长按时钟键，进入闹钟设置模式，显示屏显示小时位1秒闪烁，同时闹钟图标闪烁；
- 4.按音量加减键加减要设定的小时数；
- 5.短按时钟键切换到分钟设定模式，此时显示屏显示分钟位1秒闪烁；
- 6.按音量加减键加减要设定的分钟数；
- 7.短按时钟键切换到闹钟开关设定模式显示屏显示“OFF”；
- 8.按音量加减键设定为开，显示屏显示“ON”闹钟图标为长亮，设定为关，显示屏显示“OFF”闹钟图标1秒闪烁；
- 9.长按时钟键保存设定的闹钟时间，返回到闹钟显示模式；
- 10.设定闹钟时间到了以后，本机不管是在开机还关机状态闹钟会唤醒响铃，响铃时短按时钟键关闭当前响铃，长按时钟键关闭当前响铃，并且关闭贪睡模式不再响铃，只能等下一天，再次闹钟才能响铃。

充电，优秀的电源管理

充电：

- 本机充电时：电池图标1秒闪烁；本机充满时：电池图标长亮；充电线拔出时：电池图标熄灭。

待机：

- 蓝牙模式：蓝牙没有连接的情况下5分钟后会进入时钟模式；
- FM模式和TF卡模式：音乐暂停5分钟后会进入时钟模式；进入时钟模式功耗会进一步降低到最低，增加本机续航时间。

技术参数

- | | |
|--------------------|--------------------|
| 1.输出功率：3W THD:<10% | 2.灵敏度：83dB+/-3dB |
| 3.信噪比：>90dB | 4.充电电压：DC5V 500mA |
| 5.频率响应：120Hz-20KHz | 6.蓝牙参数：BT V5.1+EDR |

使用注意事项

- 1.建议您第一次使用前，为本产品先充满电；
- 2.提醒您本机播放时间的长短跟播放歌曲的音量大小有关；
- 3.提醒您勿在高温、潮湿、多尘的环境中使用本机；
- 4.提醒您本机蓝牙功能，根据您连接的蓝牙主机设备不同，有可能存在兼容性差异(蓝牙主机有可能不支持通话功能和自拍功能)；
- 5.提醒您如遇到TF卡无响应，请确认TF的文件系统是否为FAT32格式，或音频文件是否为FLAC/WAV/MP3格式的文件；
- 6.提醒您本机电量低时，会有提示音提醒您及时充电。

警告:为本机充电时不能使用高于直流5V电压的充电器,会损坏本机!

B90

注明：普通纸质印刷

USER GUIDE

Functional features

- Model：B90
1. The sound box adopts reasonable acoustic design with outstanding sound quality;
 2. BT audio transmission and handsfree call function;
 3. BT self timer function enables you to listen and shoot at the same time;
 4. FM FM radio function;
 5. Voice prompts for various working states;
 6. Support TF card playing and flac/wav/mp3 and other format files;
 7. Support the corresponding status functions of digital display;
 8. Support clock and alarm functions (alarm clock 1/ alarm clock 2);
 9. The alarm clock rings 3 times, with an interval of 1 minute. Snooze mode;
 10. Built in large capacity lithium battery for power supply, long endurance.

Buttons and interfaces introduction



Play/pause button

- Press once-Play/Pause; Press and hold for 3 seconds to ON/OFF;
- In BT Mode:
- Double click: connect back the last call; BT disconnected: Short press-connect back,
- Outgoing call: Press once to cancel; Incoming call: Press once to answer;
- Double click: refuse to answer the phone.



Volume up

- Press once-Volume up; Press and hold for 3 seconds-Next track.
- Clock Setting Mode: Press once-time plus; Press and hold the time continuities added.



Volume down

- Press once-Volume down; Press and hold for 3 seconds-Previous track.
- Clock Setting Mode: Press once-time reduced; Press and keep time continuity reduced.



Mode key

- Double click-mode switch;
- In BT Mode:
- Device connected: Press once-take a picture (need to open the camera connected to the phone) ; Press and hold for 3 seconds disconnect the phone and re-pair;
- Talking on line:Press and hold for 3 seconds to choose the call hearing and talking via cellphone or this machine;
- In FM mode: Press and hold for 3 seconds to scan and store FM channels.



Clock key

- Clock Mode: Press once-witch display mode (clock/alarm 1/alarm 2) ; Press and hold for 3 seconds-enter (clock/alarm 1/alarm 2) setting mode;
- Setting Mode: Press once-switch hour/minute/alarm switch; Press and hold for 3 seconds-save setting, return to display mode;
- Alarm Bell: Press once-turn off the current Bell; Press and hold for 3 seconds-turn off the current Bell, turn off sleep mode;
- BT/FM/TF Mode: Press and hold for 3 seconds-enters clock mode.

TF Card Slot

- TF card file system support: FAT and FAT32;

MICRO USB Socket

- Charging Interface: DC5V 500mA;

BT, let your music start from here

1. After power on, double click the mode key to switch to BT mode. When leaving the factory, B90 automatically enters BT pairing mode, and the display screen alternately displays "BT" and "-BT-".
2. Turn on the mobile phone, iPad, PC or other electronic devices that can be connected to the BT headset, turn on the BT function and search the BT device number "B90" for pairing. After the connection is successful, the display shows "-BT-" and you can start playing music.

Multimedia makes your music limitless

TF Card playback:

- 1.Format TF as FAT32 before using it, copy the FLAC/WAV/MP3 music file to the TF Card Directory, complete the copy;
 - 2.When the machine is turned on, the TF card is inserted into the slot of the machine, and the machine automatically plays the music of the TF card.
- Listen to FM radio station: turn on the machine, double-click the mode key to switch to FM mode, and press the mode key for the first time to enter the full-automatic channel search. After the channel search is completed, the first local radio station found will be played automatically. Long press the volume key to select your favorite radio station and listen to wonderful programs.

Clock to make your time more efficient

Clock setting:

1. When the machine is powered on, when the TF card is not inserted into the machine, the machine will automatically enter the clock display mode, and the display screen will display "12:00" ":" when it flashes for 1 second, it will be the clock display interface;
2. Press the clock key for a long time to enter the clock setting mode, and the hour bit on the display flashes for 1 second;
3. Press the volume up / down button to increase or decrease the number of hours to be set;
4. The short time clock key switches to the minute setting mode. At this time, the display screen shows that the minute bit flashes for 1 second;
5. Press the volume up / down button to increase or decrease the number of minutes to be set;
6. Long time clock key saves the set time and returns to the clock display mode.

Alarm setting:

1. In the clock display mode, the display screen displays "12:00" ":" when it flashes for 1 second, it is the clock display interface,
2. The short time clock key switches to the alarm 1 display interface, and the short time clock key switches to the alarm 2 display interface again;
3. Press the long time clock key to enter the alarm setting mode. The display shows that the hour bit flashes for 1 second, and the alarm icon flashes at the same time;
4. Press the volume up / down button to increase or decrease the number of hours to be set;
5. The short time clock key switches to the minute setting mode. At this time, the display screen shows that the minute bit flashes for 1 second;
6. Press the volume up / down button to increase or decrease the number of minutes to be set;
7. The short time clock key switches to the alarm switch setting mode, and the display shows "OFF";
8. Press the volume up / down key to set it to on, the display screen displays "ON", the alarm icon is on for a long time, set it to off, and the display screen displays "off", the alarm icon flashes for 1 second;
9. Long time clock key saves the set alarm time and returns to the alarm display mode;
10. After the alarm time is set, the alarm will wake up whether the machine is turned on or off. When it rings, the short time clock key will turn off the current alarm, the long time clock key will turn off the current alarm, and the snooze mode will no longer ring. The alarm can only ring again the next day.

Charging, excellent power management

- Charge: When charging the machine: the battery icon flashes for 1 second;
- When the machine is full: the battery icon is on for a long time; When the charging cable is unplugged: the battery icon goes out.
- Standby: BT mode: when BT is not connected, it will enter the clock mode after 5 minutes;
- FM mode and TF card mode: the music will enter clock mode after 5 minutes' pause; Entering the clock mode will further reduce the power consumption to the optimal level and increase the local endurance time.

Technical parameter

- | | |
|------------------------------------|-----------------------------------|
| 1. Output power: 3W THD:<10% | 2. Sensitivity: 83dB+/-3dB |
| 3. Signal to noise ratio: >90dB | 4. Charger Parameters: DC5V 500mA |
| 5. Frequency response: 120Hz-20KHz | 6. BT parameters: BT V5.1+EDR |

Precautions for use

1. It is recommended that you fully charge the product before using it for the first time;
2. Remind you that the playing time of this machine is related to the volume of the songs played,
3. Remind you not to use this machine in high temperature, humid and dusty environment.
4. Remind you that there may be compatibility differences depending on the BT host device you are connected to (the BT host may not support the call function and self timer function);
5. Remind you that if the TF card fails to respond, please confirm whether the TF file system is in FAT32 format or whether the audio file is in flac/wav/mp3 format;
6. When you are reminded that the battery of this machine is low, a prompt tone will remind you to charge in time.

Warning: This machine can not be used when charging higher than 5V DC charger, will damage the machine!

正 面

背 面

FCC Statement

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 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.