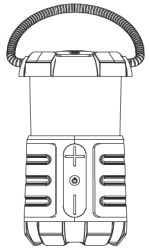
T20 无线蓝牙音箱

使用说明书



中国制造

◆概述

感谢您使用本公司的蓝牙数码音箱，此系列蓝牙数码音箱外观设计时尚，功能丰富，兼容性好，让您真正体验到无线连接，畅听高保真音乐的乐趣！是您办公、外出、驾驶、户外旅行的最佳选择，在使用产品前请阅读此说明书，已确保正确使用该产品，使您操作使用起来更加方便快捷。

◆温馨提示

①使用产品前请先阅读此用说明书。

②首次使用请先把产品电量充满使用。

③不能使用电压超过 5v1A 的快充充电《如 PD 快充、手机快充头、高速快充带快充头》，这类别的充电头与产品主板急救，如果强制执行会造成产品主板损声器，造成永久损坏，产品无法使用

◆产品特点

- 支持蓝牙无线连接.
- 支持 TWS 对答
- 支持通话模式
- 支持内置电池
- 支持 TF 卡播放
- 支持多种灯光模式
- 支持 AUX 外插音源输入播出
- 支持多种自播色模式
- 支持反向充电

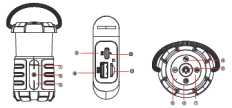
◆产品参数

- 型号 model: T20
- 材质 Material: ABS+铁网
- 声道系统 Track system: 双声道
- 控制方式 The control mode:按键
- 蓝牙方案 Bluetooth solutions: 杰理《JL》
- 蓝牙版本 Bluetooth version: Bluetooth V5.3+EDR
- 支持蓝牙协议 Support Bluetooth profile: A2DP、AVRCP、HSP、HFP
- 蓝牙工作距率 Bluetooth working frequency: 2.402GHz-2.480GHz
- 蓝牙距离 Bluetooth range ≥10 米
- 最佳通话距离 (TBD): ≤30CM
- 音响最大功率 Max power: ≥15W
- 接收灵敏度 (TYP): -80dBn
- 音频信噪比 S/N: ≥85db

- 扬声器单元 Speaker type:2 个 45MM 4Ω10W 列磁全频喇叭
- 内置电池 **Battery:** 锂电池 18650 3.7V 3600MAH
- 关机电流 Shut off the current: ≤50nA
- 待机电流 **standby current**: ≤20mA 连接无播放
- 关机储存时间 Shutdown storage time:约 1.5 年 (按标准出货 3.7V 60%电量计算)
- 音乐时间 **Music time:约 4-6 小时**
- 通话时间 Talk time: >4 小时 (90%音量
- 充电标准 Charging input criteria: TYPE-C USB, 3C5V 1000MA
- 充电时间 Charging time: 约 3.5-4 小时
- 电池循环寿命: 充放电循环≥300 次, 容量≥80%

◆**产品使用操作** Products using the operating

按键功能说明:



① ＋ 短按下一曲/长按加音量

② ✪ 关机开机/关机

③ － 短按上一曲/长按减音量

④ ⏯ 长按切换模式/短按暂停播放

⑤ ✪ 长按关闭灯光/短按切换灯光模式《关机状态也可操作》

⑥ ＋ 短按减少灯光亮度

⑦ ✹ 短按增加灯光亮度

⑧ 开机状态下短按切换到蓝牙《按第一下定时 30 分钟/第二下定时 60 分钟/第三下 90 分钟/第四下关闭》/蓝牙模式下，长按 TWS 对箱/组

⑨ 充电口：TYPE-C 充电口

⑩ U 盘接口：USB 存储器接口/USB 反向充电

⑪ TF 卡接口：TF 存储卡接口

⑫ 指示灯：充电指示灯

按键操作说明:

•长按电源键 3 秒开机，确提示音，白灯快闪，开机成功后默认进入白噪音模式，按+/-键可切换白噪音音效/或减小增加音量，共 5 种音效，短按 M 键可暂停白噪音

•长按 M 键转换到蓝牙模式，打开手机蓝牙功能，点击搜索蓝牙设备，找到"T20"蓝牙名称并点击连接连接成功后白灯长亮，有连接提示音。

•产品开机蓝牙会自动回连关机前最后一个且未清除配对列表的设备，回连不成功自动转到配对状态。

•打开设备模放歌曲，点击播放按键开始播放音乐 短按一按键选择播放音乐上下曲/长按增加减减音量，长按 M 暂停键，播放暂停。

•插入外接音频线/TF 卡/U 盘自主识别并开始播放，支持后插入优先播放，长按模式键可手动切换模式。

•长按灯光键关闭/开启灯光，短按灯光键切换灯光模式，短按灯光-减小灯光亮度/短按灯光-增加灯光亮度。

灯光定时:

机子开机状态下，短按定时键一次《滴一声提示音》定时 30 分钟，短按第二次《滴两声提示音》定时 60 分钟，短按第三次《滴三声提示音》定时 90 分钟，短按第四次《关》定时关机。

TWS 对箱:

机子开机长按 M 键切换到蓝牙模式，长按定时音有提示音，连接成功主机白灯快闪，另外一台白灯常亮，打开手机蓝牙功能，点击搜索蓝牙设备，名到"T20"蓝牙名称并点击连接，两台产品同时播放，长按其中一台产品至时键即可断开/连接。

TF 卡/U 盘播放:

A: 开机状态插入 U 盘/TF 卡，有提示音

B: 将自动播放 U 盘/TF 内的音乐文件

C: 播放状态下均可控制播放/暂停、上/下曲，音量大/小

AUX 播放:

开机状态使用 3.5MM 音频线插入到 AUX 备入接口，另外一边连接手机/电脑/平板/带外接音频设备，即可播放外接设备音乐，按键可控制音量大小播放暂停。

低电状态:

当电池电量少于 3.4V，响低电报警提示音，请及时充电，报警三次产品自动关机自动关机。

产品充电:

充电器规格选择 DC 5V 1000mA,充电红灯闪烁，充满电红灯熄灭。

LED 灯指示.

- 配对状态：灯光快闪
- 配对成功：灯光常亮
- 播放状态：灯光慢闪
- 充电状态：红灯闪烁
- 充电完成：红灯熄灭

产品外设接

- U 盘：(MICRO USB) 存储器
- TF 卡:TF (MICRO SD) 存储卡
- 音频接口：3.5MM 音频线

充电接口：TYPE-C USB DC 5V 1000mA

◆运输

产品在半荷电（5O-9O%电量状态）下包装成箱进行运输，在运输过程中应防止剧烈振动、冲击或挤压，防止日晒雨淋，可适用汽车、火车、轮船、飞机等普通交通工具运输。

◆产品使用时警告事项及注意事项

1,切勿使用具有磨蚀性的清洁剂清理本产品，

2,切勿让本产品加热或靠近火源，如需食炉，

3,切勿让本产品长时间受阳光直接照射，

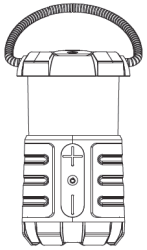
4,切勿将本产品弃置于火中，避免发生爆炸，

5,切勿尝试拆开本产品作出任何修改，因为它并不包含任何维修组件。

6,切勿在雨中使用本产品，

7,如果长时期内不打算使用本产品，请您将它储存在干燥的环境中，开每月至少为音响充电一次 以延长寿命，避免极端的温度和灰尘。

T20 Wireless Bluetooth Speaker Operating Instruction



MADE IN CHINA

◆ summary

Thank you for using our company's Bluetooth digital speakers, this series of Bluetooth digital speakers appearance design fashion, rich functions, good compatibility, let you really experience the wireless connection, free to listen to the fun of hi-fi music! It is the best choice for your office, going out, driving and outdoor travel. Please read this manual before using the product, and you have ensured the correct use of the product, so that you can operate and use it more convenient and fast.

◆ kindly reminder

① Please read the instructions before using the product.

② For the first time, please charge the product first.

③ Can not use the vdtage exceeds 5V-1A fast charging "such as PD fast charging, mobile phone fast charging head, Qualcomm fast charging and other fast charging head", this category of charging head is compatible with the product motherboard, if the enforcement will damage the product motherboard speaker, causing permanent damage, the product can not be used

◆ product features

-Support for Bluetooth wireless connection

-Support call mode

-Support for TF card payback

-Support for AUX external audio source input playback

-Support for the TWS couplet -Support for the built-in battery

-Support for multiple lighting modes -Support for multiple white noise modes -Support USB charging

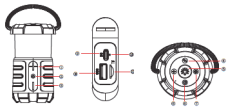
◆ Product Parameter

- model: T20
- Material: ABS+iron
- Track system: double sound channel
- The control mode:key
- Bluetooth solutions: Jerry, JL
- Bluetooth version: Bluetooth V5.3+EDR

- Support Bluetooth profile: A2DP、AVRCP、HSP、HFP
- Bluetooth working frequency: 2.402GHz-2.480GHz
- Bluetooth range: ≥10m
- Max power: ≥15W
- Boot call distance(TBD): ≤30CM
- (TYP): -80dBm
- S/N: ≥85db
- Speaker type:2 个 45MM 4Ω10WExternal magnetic full frequency horn
- **Battery:** lithium battery 18650 3.7V 3600MAH
- Shut off the current: ≤50nA
- **standby current**: ≤20mA The connection is not played
- Shutdown storage time:About 1.5 years standard shipment 3.7V 60%)
- **Music time:About 4-6 hours**
- Talk time: > 4 hours (90% volume)
- Charging input criteria: TYPE-C USB, DC5V 1000MA
- Charging time: About 3.5 to 4 hours
- Battery cycle life: Charge and discharge cyce 300 times, the capacity of 80%

◆ Product use operation Products using the operating

Key function description:



① ＋ short press a song / long press add volume

② ✪ Long press power on / off

③ － short press the last song / long press the volume

④ ⏯ long press to switch mode / shot press to pause play

⑤ ✪ Long press to close the light / Short press to switch the Light mode

⑥ ✣ Short press to reduce light brightness

⑦ ✹ Short press to increase the light brightness

⑧ ✪ under the boot state, short press timing <press the first timing 30 minutes / the second timing 60 minutes / the third 90 minutes / the fourth close> /

Bluetooth mode, long press TWS couplet / break

⑨ Charging port: TYPE-C charging port

⑩ U-disk interface: USB storage socke / USB charging

⑪ TF card interface: TF memory card port

⑫ Indicator: Charging indicator

Key operation description:

•Long press the power button for 3 seconds to start the power, sound prompt sound, white light flash, successfully start the default white noise mode, press + / -button can switch the white noise sound / or reduce the volume, a total of 5 sound effects, short press M button can pause the white noise

•Long press M key to convert to Bluetooth mode, open the Bluetooth function of the mobile phone, click search Bluetooth device, find the "T20" Bluetooth name and click connection.

After the connection is successful, the white light is on, and there is a connection prompt sound.

•When the product is started, Bluetooth will automatically connect the last device before the shutdown, and will automatically switch to the paired state.

•Open the device player, click the play button to start playing music, short press + -key to select play music / long press to increase the decreasing volume, long press M / pause button, play pause.

•Insert the external audio line / TF card / U disk autonomous recognition and start to play, support after the insertion of the first play, long press the mode key to manually switch mode.

•Long press the light key to turn off / turn on the light, short press the light key to switch the light mode, short press light-reduce light brightness / short press light + increase light brightness.

Light timing:

When the machine is turned on, press the timing key "drop one prompt tone" for 30 minutes, press the second "drop two prompt tone" for 60 minutes, press the third "drop three prompt tone" for 90 minutes, and press the fourth "no" to close.

TWS antithetical couplet:

Machine boot long press M key switch to bluetooth mode, long press the timing key prompt sound, connecting boot flash white light, another white light on, open the bluetooth function, click search bluetooth device, find the "T20" bluetooth name and click the connection, two products play at the same time, long press one of the product timing key can be disconnected / connection.

TF card / U disk play:

A: Power-on state insert U disc / TF card with prompt tone

B: The music files in the U disk / TF will play automatically

C: Play state can control play / pause, up / down, high / low volume

AUX broadcast:

The boot state uses the 3.5MM audio line to insert into the AUX input interface, and the other side is connected to the mobile phone / computer / tablet / other external audio devices, can play the external device music, the key can control the volume playback pause.

Low power status:

When the battery power is less than 3.4V, the low power alarm sound sounds, please charge in time, and the alarm product will automatically shut down for three times.

Product charging:

Charger specifications selection DC 5V 1000mA, charging red light flashing, fully charge the red light off.

LED Light instructions.

- Paired status: Light flash
- Successful pairing: the lights are always on
- Play status: slow light
- Charging status: the red light flashes
- Charging completion: the red light is off

Product peripherals

- U disk: (MICRO USB) memory
- TF card: TF (MICRO SD) memory card
- Audio interface: 3.5MM audio cable
- Charging interface: TYPE-C USB DC 5V 1000mA

◆ Transport

Products in the half charge (50-90% electricity state) packaged into boxes for transportation, in the process of transportation, should prevent violent vibration, shock or extrusion, prevent the sun and rain, can be applicable to cars, trains, ships, aircraft and other ordinary transportation

◆ Warning matters and precautions when using the products

1.Do not clean this product with abrasive cleaners.

2.Never keep this product heated or near to a fire source, such as a cooking stove.

3.Do not let this product be exposed to direct sunlight for a long time.

4.Do not discard this product in the fire to avoid an explosion.

5.Do not attempt to dismantle this product to make any modifications, as it does not contain any service components.

6.Do not use this product in the rain.

7.If you do not intend to use this product for a long period of time, please store it in a dry environment and charge the sound at least once a month to extend the life and avoid extreme temperature and dust.

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.

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 and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Radiation Exposure Statement
The device has been evaluated to meet general RF exposure requirement in portable exposure condition without restriction.