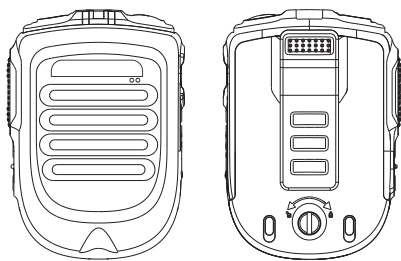# Bluetooth Microphone USER GUIDE
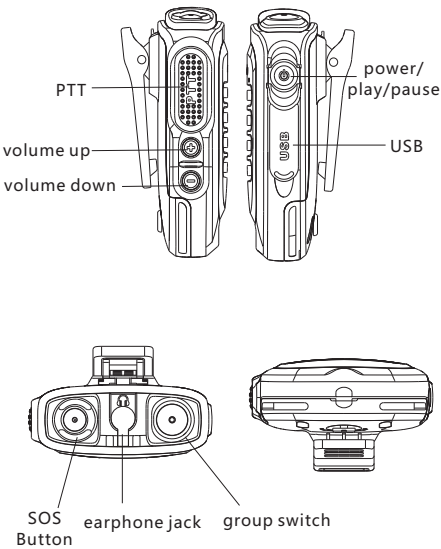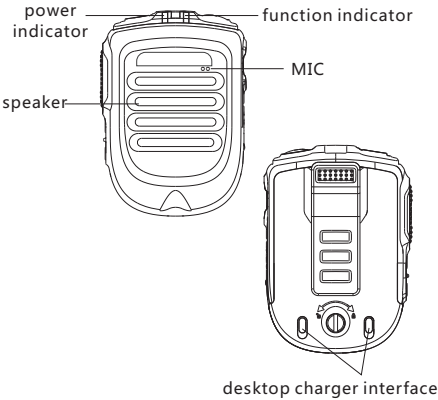
Android/IOS

1. Description

Bluetooth microphone is a kind of professional intercom equipment, by connecting APP of smart phone or network radio , providing truly secure link, easy pairing on the go, and instant push-to-talk. The Bluetooth microphone , as wireless accessory, is flexible and cost-effective that gives users more mobility in their critical communication.

2. Overviews of the Bluetooth Microphone

power indicator

function indicator

MIC

speaker

desktop charger interface

PTT

volume up

volume down

power/ play/pause

USB

SOS Button

earphone jack

group switch

3.Specification

Bluetooth version:	BT4.2
Bluetooth protocol:	HFP;HSP;A2DP;AVRCP;SPP
Transmission range :	>10m
Music:	>12hrs in maximum volume
Talking time:	≈14hrs
PTT time:	≈14hrs
Standby time:	>90hrs
Working temperature:	-10~50℃
Storage temperature:	-25~60℃
Earphone jack:	3.5mm,PPT supportive
Battery:	2000mA/3.7V
Charging time:	2.5h

ON/OFF	Turn on	Press and hold for 3 sec.
	Turn off	Press and hold for 3 sec.
	Answer the call	Single click
	Hang up the call	Single click
	Decline	Double click
PTT	Push to Talk	Push to Talk
	Release to End	Release to End
Encryption	Encryption Type	To receive APP command when radio is on

4.Button function

Button	Description	Operation
SOS button	SOS	Press and hold for 2 sec.
FW button (valid in 30 sec.)	Group switch page up	Single click V+
	Group switch page down	Single click V-
V+	Volume up	Single click
V-	Volume down	Single click

5.LED indicator

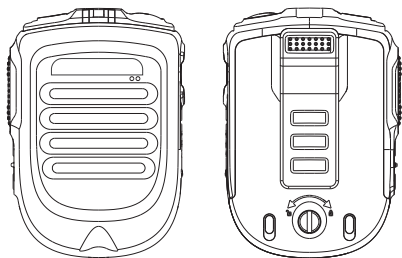| Description	Power indicator (red light)	Description	Power indicator (green light)
Power on	Red light on for 3 seconds then off	Power on	Green light on for 3 seconds then off
Power off	Red light on for 3 seconds then off	Power off	Green light on for 3 seconds then off
Under charging	Red light on	Bluetooth match	Fast-blink
PTT calling	Red light on	PTT called	green light on
Low battery	Fast-blink	Full charged	green light on
SOS	green light on	Group Switch	green light on

6.Operation

- **Answer the call**
  Press Power button to answer phone when Bluetooth microphone has been activated.
- **Decline**
  Double click Power button to decline when there is call in.
- **Hang up the call**
  Single click power button to hang up the call.
- **Mp3 play and pause**
  Single click power button to play or pause MP3 music when connected.
- **Standby**
  Auto hibernation starts in 15min. When Bluetooth microphone has not activated.
- **PTT function**
  Bluetooth microphone supports PTT software such as Zello ,Total control and etc. PTT button can be used when it is activated.
- **Group switch**
  Single click FW button with green light on and Single click V+/V- to switch group when Bluetooth microphone is activated for PTT software. End group switch by pressing PTT button.
- **SOS**
  Press SOS button and hold for 2S when Bluetooth microphone is activated for PTT software. PTT starts after red light turns on and alarm goes off. It lasts for 20s.
- **Firmware upgrade**
  For Bluetooth microphone firmware upgrade, TF card and download box are necessary. Corresponding software must be installed to burn the firmware to TF card. Please connect download box and Bluetooth microphone with USB cable. Press and hold the reset button (under the battery after opening the rear cover) . Release reset button after the download box starts up. Successful download will be prompted in 10s.

7.FAQ

- **Failed to power on.**
  It is probably low battery. Please charge for 2-3hrs.
- **No voice**
  Please check if volume sets too low. Please set the switch properly.
- **Echo with speaker**
  Speaker is too close to MIC. Please relocate the speaker.
- **Disconnected with mobile phone.**
  Low battery.
  Distance between Bluetooth microphone and mobile phone is over 10m. Shielding obstacle interferes.
- **Failed to match with mobile phone.**
  Clean up all matching information according to user guide. The Bluetooth microphone and the phone should be placed less than 1m and re-start the match.
- **System halted**
  It may caused by high-strength radio frequency interference, such as GSM base station, airport radar and a high power TV transmission tower. Please reset and restart after leaving the interference source.
- **Abnormal working indicator**
  A. Overuse or long period of non-use may cause low battery. It need to be charged for an hour and unplug and recharge.
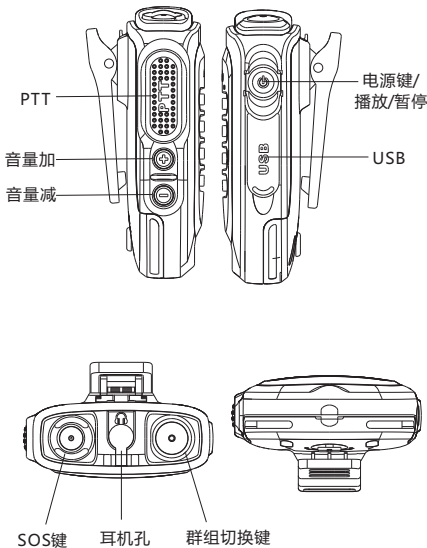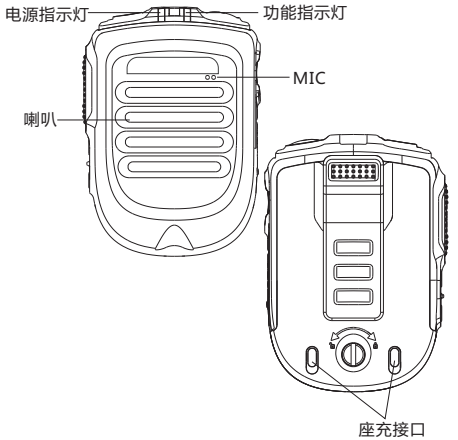 B. Change a charging cable or charger.

蓝牙无线对讲手咪使用说明书

支持安卓/苹果系统

1. 产品说明

蓝牙咪头是专属对讲设备，其通过手机APP软件配合使用，本产品作为一个对讲机周边设备，使用蓝牙无线连接，将耳机语音和MIC语音双向传输，同时PTT等自定义功能按键提高了整个产品的体验性。

2. 产品视图

电源指示灯　　功能指示灯
MIC
喇叭
座充接口

PTT　　电源键/播放/暂停
音量加　　USB
音量减
SOS键　耳机孔　群组切换键

3.技术参数

蓝牙版本	BT4.2
蓝牙协议	HFP;HSP;A2DP;AVRCP;SPP
无线传输范围:	大于10米
音乐播放:	最大音量持续使用12小时以上
通话时长:	约14小时
对讲时长:	约14小时
待机时长:	大于90小时以上
工作温度:	-10~50度
存储温度:	-25~60度
耳机孔:	3.5mm通用耳机孔,支持PTT耳机
电池规格:	2000mA/3.7V
充电时间:	2.5h

ON/OFF键	开机	关机状态下长按3秒
	关机	开机状态下长按3秒
	接听来电	来电状态下单击一次接听
	挂断电话	通话状态下单击一次挂断
	拒接	来电状态下双击
PTT键	发送语音	按住
	结束语音	松开
加密	加密算法	开机接收APP指令

4.按键功能定义

按键	描述	参数
SOS键	求救功能按键	长按2秒
FW键 （有效周期30秒）	群组切换上翻	单击一次V+
	群组切换下翻	单击一次V-
V+键	音量增加	单击一次
V-键	音量降低	单击一次

5.LED指示状态表

状态描述	电源指示灯 （红灯）	状态描述	功能指示灯 （绿灯）
开机成功	亮3秒后灭	开机成功	亮3秒后灭
关机成功	亮3秒后灭	关机成功	亮3秒后灭
充电中	常亮	蓝牙待配对	快闪烁
PTT主叫	常亮	PTT被叫	常亮
电量低	快闪烁	充电满	常亮
SOS呼救	常亮	群组切换	常亮

6.功能操作

- **电话处理**
  当手机有来电时，在连接手咪的情况下，短按开关键可接听来电。
- **拒接来电**
  当手机来电铃响，双击开关键，即可拒接来电。
- **挂断电话**
  在通话状态下，单击开关键，即可挂断。
- **Mp3播放及暂停处理**
  当手机连接手咪播放MP3，单击开关键可播放或暂停。
- **待机**
  当手咪处于待配对状态，15分钟后无连接蓝牙，系统自动休眠待机。
- **PTT功能**
  当手咪支持手机对讲软件如Zello,滔滔等，手机与手咪蓝牙连接后可通过PTT按键实现PTT功能。
- **群组切换**
  当手咪连接对讲软件，单击FW键绿灯亮，单击V+/V-可实现群组切换,按PTT终止群组切换。
- **SOS求救**
  当蓝牙手咪连接对讲软件，长按2S SOS键，红灯亮响报警音后可实现对讲，时长20S。
- **固件升级**
  蓝牙手咪如果需要进行固件升级，应准备（TF卡 下载盒），需要安装相应的软件将固件烧录到TF卡，插入下载盒USB线连接手咪 USB孔,按住复位键（电池仓电池座下方），下载盒开机，松开复位键即可！约10S会提示下载成功。

7.常见问题答疑

- **无法开机**
  可能是电池电量太低，请充电2-3小时后再进行开机操作。
- **没有声音**
  请检查音量是否太低，声道转换开关是否拨动到正确的位置。
- **喇叭有回音**
  喇叭距MIC太近会导致回音，啸叫，请把MIC喇叭调到距离MIC正确的位置。
- **与手机连接断开**
  确认电量是否过低，手咪与手机的距离是否在10米范围内？或中间是否有干屏蔽障碍物等。
- **无法与手机配对**
  先按说明书指示清除所有配对信息，把手咪与手机放置在1M以内的范围内，重新配对。
- **死机**
  因受到高强射频干扰，如靠近大功率电视发射塔、GSM基站或机场雷达时可能会导致死机，请在离开干扰源后复位重启。
- **工作指示灯不正常**
  A.闲置时间过久，或过度使用等情况，导致电池电池过低，需要预充一个小时后，再重新插拔充电，才能使指示灯正常显示。
  B.换一条充电线或充电器试试。