

BTD-0140 蓝牙适配器套件使用说明书

方案说明：



方案：蓝牙适配器 + 蓝牙耳机 + 手柄/手指遥控器

此方案的六大优点：

1. 解放双手：使警员在开枪或搏斗的同时也可以保持对讲通话，不用占用一只手来操作对讲机；
2. 摆脱束缚：无线连接，安装快捷简单，摆脱有线的缠绕，方便活动；
3. 省电：可以帮对讲机省电，以延长原机的通话时间；
4. 隐蔽性强：对讲机可隐藏警员 10 米范围内的任何地方，便衣警察执行任务，可以配普通蓝牙耳机，把小巧遥控器隐蔽起来操作 PTT；
5. 保密性和抗干扰性强：采用蓝牙自适应跳频和加密通讯技术，保证超强的抗干扰和保密性能. 可多套设备在同一小范围内使用而不会相互干扰；
6. 话音清晰：适配器内部采用自主创新研发的 DSP 噪音消除算法，可在消除背噪的同时保持清晰保真的通话音质。

一、开机

1、蓝牙耳机开机

请参考蓝牙耳机使用说明书（一般也是按开机键 2~3 秒，看见指示灯亮即开机）；

2、遥控器开机

在遥控器关机状态时，长按遥控器 **PTT 键** 3 秒，直到 LED 蓝灯亮即开机；

3、适配器开机

在对讲机开机、而蓝牙适配器关机的状态下，长按蓝牙适配器**开/关机键** 3 秒左右，直至蓝灯亮时松手，即为开机；

二、关机

1、 蓝牙适配器关机

对讲机或蓝牙耳机关机，适配器会自动关机。对讲机和蓝牙耳机相关操作请参照相应对讲机和蓝牙耳机的使用说明。

2、 蓝牙遥控器关机

蓝牙适配器关机 5 分钟后，相应连接的遥控器会自动关机。也可给遥控器充电一下快速复位关机。

三、配对

1. 蓝牙适配器与蓝牙耳机配对

- （1）、参照蓝牙耳机操作说明，使蓝牙耳机进入配对模式。
- （2）、在对讲机开机的状态下长按蓝牙适配器开关机键 8 秒，指示灯进入红蓝快闪时，即为蓝牙适配器与蓝牙耳机配对模式。
- （3）、当适配器和蓝牙耳机同时退出红蓝交替闪并进入蓝灯慢闪后，即配对成功（也可以通过按另一台对讲机 PTT 按键通话，检测蓝牙耳机是否有声音，如有声音配对成功）

2. 蓝牙适配器与蓝牙遥控器配对

注：进行此项配对需关闭已配对成功的蓝牙耳机。

- （1）、在对讲机开机的状态下长按蓝牙适配器开关机键 8 秒，指示灯进入红蓝快闪时，再按一次开关机键，进入红蓝慢闪，即为蓝牙适配器与遥控器配对模式。
- （2）、在遥控器关机的状态下(如遥控器未关机，可对其进行充电复位快速关机)，长按 PTT 按键 20 秒，指示灯进入红蓝快闪时，即为配对模式。
- （3）、当适配器和遥控器同时退出红蓝交替闪并进入蓝灯慢闪后，即配对成功（也可以通过按遥控器 PTT 按键，看适配器是否为红灯工作模式，进行检测配对是否成功）

注：

- 1.蓝牙适配器和遥控器配对完成后，开启蓝牙耳机就可以用此蓝牙适配器套件进行无线通讯。
- 2.以上配对有记忆性，只需进行一次配对，之后使用无需重复配对，设备开机后会自动连接上。

四、PTT 功能的使用

1. 以上配对完成后，随时随地只要开启三个蓝牙设备，设备就会自动连接上，届时就可以按住遥控器的 PTT 按键进行无线通讯。

注：1、蓝牙适配器、蓝牙耳机及蓝牙 PTT 充电时会进行系统复位，如需使用，请重新开机。

- 2、重新打开蓝牙设备的正确顺序是：先打开蓝牙 PTT，再打开蓝牙耳机，最后打开蓝牙适配器。

五、设备 LED 状态

状态 \ 设备 LED	蓝牙适配器	蓝牙遥控 PTT	蓝牙耳机
工作	蓝灯长亮	蓝灯每 3 秒左右闪一次(无连接)	参考蓝牙耳机说明书
		红蓝灯都不亮（已连接）	
		蓝灯亮（PTT 发射）	
充电	红灯一闪一闪	红灯一闪一闪	
充满	红灯长亮	红灯长亮	
配对状态	红/蓝灯交替快闪 （与蓝牙耳机配对）	红/蓝灯交替快闪	
	红/蓝灯交替慢闪 （与蓝牙遥控器配对）		
电池电量低	红灯每一分钟闪两次报警提示用户充电	连接上适配器时，PTT 发射时红灯长亮提示用户低电。	

BTD-0140 Bluetooth Dongle Kit User Manual

Solution Overview



Solution: Bluetooth dongle + Earpiece + remote controller

6 advantages:

- 1.Hands-free: Enable radio communication while police man in fighting with bad guys. One finger instead of one hand to control radio PTT function. completely hands free.
2. Free obsession of wire bind: wireless connection, simple and quick installation. No wire cable twine, easy for operation.
- 3.Save power: save power for two way radio, extend longer working time.
- 4.Good concealment: Police man can hide his radio anywhere within 10 meter range.Plainclothes policeman can operate the PTT in pocket for safe and secret communication.
- 5.Robust and confidential communication: With Bluetooth frequency adaptive hopping and encryption technology, many sets of our Bluetooth kit can work in the same room with out interference and information leakage.
- 6.Crystal Clear Voice:Embedded inside the adapter with DellKing unique noise suppression DSP algorithm to achieve natural voice quality.

1. Power On

(1).Bluetooth earpiece:

Please refer to earpiece related user manual. (Normally press power on/off button for 2~3s, until the indicator flash), then release the button.

(2). PTT remote controller:

In the power off state, long press “PTT” button for 3s, once see blue LED indicator flash release the button, it will power on successfully.

(3). Bluetooth dongle:

First make sure the two way radio is in power on state, then with the Bluetooth dongle in power off state, long press dongle’s “power on/off” button for 3 seconds, until blue LED indicator flash, then release the button, dongle will power on successfully.

2. Power off

(1). Bluetooth dongle:

Bluetooth dongle will auto power off when either two way radio phone or Bluetooth earpiece powers off. (The power off operation of two way radio phone and BT earpiece, please see the user manual of corresponding device)

(2) PTT remote controller:

PTT remote controller will power off automatically after Bluetooth dongle power off 5 minutes.

3 Pairing

(1). Pair Bluetooth dongle and earpiece

- ①. Refer to earpiece user manual, earpiece into pairing model.
- ②. In the two way radio power on state, make sure the radio dongle is powered off(If dongle is not in power off state, please detach the dongle then re-insert into the radio to power it off), then long press Bluetooth dongle power on/off button for 8s, LED indicator into red and blue alternate flash quickly, now the Bluetooth dongle in the pairing mode, and it will search for Bluetooth earpiece to pairing with .
- ③. When both Bluetooth dongle and earpiece indicators turn from red and blue alter flash quickly to blue flash, it indicates that the pairing have been successfully accomplished. (press the other radio PTT button to talk, if pairing successful earpiece can hear the talking voice)

(2). Pair Bluetooth dongle and PTT remote controller.

Note: Please power off the pairing successful earpiece before PTT remote controller pairing.

- ①. In the two way radio power on state, make sure the radio dongle is powered off(If dongle is not in power off state, please detach the dongle then re-insert into the radio to power it off), then long press Bluetooth dongle power on/off button for 8s, LED indicator into red and blue alternate flash quickly, now the Bluetooth dongle in the pairing mode, then short press power on/off button again, the dongle will turn into red/blue slow alternate flash. Bluetooth dongle into the pairing mode for pairing with PTT remote controller.
- ②. In the power off state of remote controller(if the remote controller not in power off state, charge reset it to power off), long press the PTT button for 20s, until red and blue indicators flash quickly, into pairing mode.
- ③. When both Bluetooth dongle and remote PTT controller exit from red and blue alter flash state, it indicates that the pairing have been successfully done. (press remote controller PTT button, if Bluetooth

dongle indicator turn to red working mode can be seen, it means the PTT controller have successfully connected to the BT radio dongle)

Note:

1. After the paring of Bluetooth dongle and PTT remote controller finish, power on earpiece, then you can use our Bluetooth dongle set to achieve wireless communication.
2. Once paring have been successfully done, the paring information will be memorized forever in each device, user do not need to do any more pairing operation for later use.

4. PTT Function operation

1. After above paring finish, you can power on these three devices at anywhere and possible time. The devices will auto connect with each other.
2. Press PTT button to talk and achieve wireless communication.

Note:

1. Bluetooth earpiece and PTT remote controller will auto be reset when charging, if need to use, please restart the devices.
2. The right order to power on the devices: PTT remote controller---earpiece---Bluetooth dongle.

5. LED indicators state

State \ device LED	Bluetooth dongle	PTT remote controller	Earpiece
Working	Blue on	Blue indicator flash once every 3s (not connected)	Refer to earpiece user manual
		No red and blue indicators(connected)	
		Blue indicator on	
charging	Red flash	Red indicator flash	
Charging finish	Red on	Red indicator on	
Paring mode	Red and blue flash quickly (Pair with BT headset)	Red and blue flash quickly	
	Red and blue flash slowly (Pair with BT remote controller)		
Low power	Red indicator flash twice for alert every 1 minute	Connected with dongle, working state red indicator on	