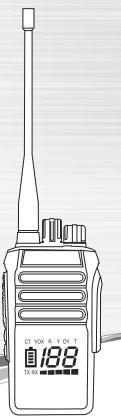


## 使用说明书



When the channel is not busy and no operation is performed for 10 seconds, the battery saving function is turned on.  
When receiving a signal or performing an operation, the battery saving function is turned off.

### Analog Subaudio (CQT/Digital Subaudio, DQT):

This device has 100 analog subaudio types and 50 groups of standard analog sub audio modules. In addition, non-standard sub audio within the input range of 300~2600Hz (53~57 divided) can be added with the Numeric keypad, and 105 groups of digital sub audio can be added. In addition, non-standard digital sub audio within the input range of D0000~D777 can be added with the numeric keypad (which can be set through computer programming software).

Some channels may have preset QTD/QDT signal that allows you to ignore (not listen to) calls from third parties using the same channel.

When you receive a signal, the tone is different from the setting on your walkie talkie, you will not hear this signal. Similarly, the signal you transmit can only be heard by the other party whose QTD/QDT signal is the same as the QTD/QDT signal on your walkie talkie.

Note: Although using a signal with QTD/QDT sub audio can prevent you from listening to unwanted calls, it does not mean that your call is secure.

**Write frequency encryption function:**  
This device has a write frequency encryption function, which can protect your frequency and sub audio data from others, and also protect your and customer information. The specific settings can be set through the write frequency software.

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## 基本操作

### 开关电源:

1. 开机: 按接收机方向旋转“电源/音量开关”控制旋钮打开对讲机电源。 2. 关机: 按逆时针方向旋转“电源/音量开关”控制旋钮, 直到听到“哒”一声后表示已关闭电源。

### 音量调节:

按接收机方向旋转“电源/音量开关”控制旋钮增大音量；按逆时针方向旋转“电源/音量开关”控制旋钮减小音量。

### 频率锁定:

通过接收机方向选择键所要锁定的频道, 若您将本机的语音功能开启的话, 本机将自动根据所对应的频道。

(注: 本机使用的旋钮开关为360度旋转, 顺时针: 199->199->...; 逆时针: 199->199->...)

键功能说明:

【PTT】发射

测试2: 【MON】按下并保持

键3: 【WARN】短按扫描, 长按远程报警

### 对讲:

按住【PTT】键发射指示灯亮, 并以正常的音调讲话, 通话完毕后松开【PTT】键。本机将转为接收, 说话时请保持距对讲机距离3~8cm。

本机电脑写频软件: 8930, 带MAX32集成的写频器。

### 显示功能:

显示机带有LED显示, 显示当前所处信道号(1~199)、显示当前电量、显示所处信道是否开启优先级(跳频/模拟亚音/数字亚音等)。

同时本机带有延时锁定机制, 您可通过写频软件设置屏显时间,

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一个(15秒)。如果您连续传输直到 timeout timer you set, the walkie talkie will stop transmitting and emit a long alarm sound. To stop the warning tone, release the 【PTT】 switch. Press the 【PTT】 switch again to resume transmission.

### voice control

This device has voice control function, and when voice is detected, the walkie talkie automatically switches to transmission mode.

The specific settings can be set through computer programming software.

This function is achieved through computer programming software frequency writing. When the voice control function is checked, it indicates that the voice control is on. If the voice control function is not checked, it indicates that the voice control is off. The gain level and delay time of VOX need to be adjusted through computer programming software frequency writing.

通常情况下, the gain level of VOX can be selected in levels (1~10).

The higher the delay time of VOX voice control, the longer the exit time of VOX voice control (the delay time of VOX voice control can be selected as 0.5s/1.5s/2.5s/3s).

### Distortion and companding function

Each channel can be set with optional functions for scrambling/companding, and scrambling can be done at different levels.

The scrambling function adds voice encryption, so that users without this function can only receive the signal and keep their communication confidential. When two walkie talkies need to encrypt calls, the optional function is to select scrambling, and scrambling level is the same.

The companding function can effectively compress the transmitted signal and then transmit it to the other end, and then expand the signal at the receiving end, thereby maximizing the system signal-to-noise ratio, greatly reducing environmental background noise, and improving the sound quality at the receiving end.

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### 低电量警告:

如果电量不足时使用对讲机, 每隔15秒会响起中文语音提示“请充电”, 英文语音提示“Please Charge”, 若语音报号功能关闭则提示“请充、请、请、请三声”, 并且LED指示灯内燃红光, 提示用电源更换电池组。

(注: 本机使用的旋钮开关为360度旋转, 顺时针: 199->199->...; 逆时针: 199->199->...)

键功能说明:

测试1: 【PTT】发射

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键3: 【WARN】短按扫描, 长按远程报警

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**Display function:**  
This machine is equipped with LED display. Display the current channel number (1~199), display the current battery level, display whether the channel is enabled for frequency writing, display whether the frequency hopping/analog sub audio function is on or off.

At the same time, this machine has a transparent display time setting mechanism, which allows you to set the screen display time through frequency writing software. There are six options for selecting 5 seconds/10 seconds/15 seconds/20 seconds/25 seconds. When you change the 5 seconds/10 seconds/15 seconds/20 seconds/25 seconds, it indicates an automatic adjustment of the display time.

The write frequency function can effectively compress the transmitted signal and then transmit it to the other end, and then expand the signal at the receiving end, thereby maximizing the system signal-to-noise ratio, greatly reducing environmental background noise, and improving the sound quality at the receiving end.

### One click frequency and code breaking function

This device has a one click frequency and code breaking function, which matches most analog walkie talkies on the market.

Operation method:

Step 1:

Press and hold the PTT key (transmit key) for any channel to turn on the frequency measurement channel, you will be prompted by the channel number. After determining the channel, it will automatically enter “Frequency Measurement Mode Phase 1”.

Step 2:

In “Frequency Measurement Mode Phase 1”, if you need to change the frequency measurement channel, you will be prompted by the channel number. After determining the channel, it will automatically enter “Frequency Measurement Mode Phase 2”.

Step 3:

Entering the “Frequency Measurement Mode 2” stage indicates that the frequency measurement has officially started. The target walkie talkie will

automatically turn on. This machine has a transparent display time setting mechanism, which allows you to set the screen display time through frequency writing software. There are six options for selecting 5 seconds/10 seconds/15 seconds/20 seconds/25 seconds. When you change the 5 seconds/10 seconds/15 seconds/20 seconds/25 seconds, it indicates an automatic adjustment of the display time.

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continue to transmit until a “da” sound is heard and accompanied by a red light flashing twice, indicating that the frequency measurement is completed. The measured frequency points will be automatically stored in the current channel, and at this time, the machine can communicate with the target walkie talkie.

Attention:

1. After completing step three above, if you want to test other channels, please switch to the target channel for testing.  
2. After completing step three above, if you want to test the channel again, simply press the MCN1 button to reset.

**The activation, deactivation, and switching between Chinese and English of the write frequency function:**

This device has voice number reporting function, making it convenient for you to quickly know the current channel of the walkie talkie you are using during night or dark operation. This function can be achieved by writing frequency through computer programming software.

**Low battery warning:**  
Low battery warning appears when the battery needs to be charged or replaced.

If the intercom is used when the battery is low, the Chinese voice prompt “Please Charge” will sound every 15 seconds, and the English voice prompt “Please Charge” will sound. If the voice number reporting function is turned off, the prompt “D1, D3, D5” will sound three times, and the LED indicator light will flash red, reminding the user to replace the battery pack or charge it.

**Time Out Timer (TOT) (This function can be set on/off through computer frequency writing software)**

The function of a timer is to prevent a person from using a channel for too long. The time of a timeout timer can be set through the frequency writing software (which can be 15 seconds, 30 seconds to 600 seconds; each level has

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