

Mini 8

基本操作 USER MANUAL

开关电源: Power ON/OFF

1、开机: 按住侧键, 听到欢迎使用, 然后再播报当前对应的频道。

POWER ON: Press and hold the side button  until you hear "Welcome" and the current channel is announced.

2、关机: 按住侧键, 直到听到“噚.噚”两声后表示已经关闭该对讲机电源。

POWER OFF: Press and hold the side button  until you hear two beeps ("ding-ding"), indicating the device is powered off.

音量调整: Volume Adjustment

短按侧键+增大音量; 短按侧键-则减小音量。

Short press the + side button to increase volume.

Short press the - side button to decrease volume.

键功能说明: Keypad Instruction:

PTT 键(正面按键): PTT 发射 (正面按键)

PTT Button (Front Key): Hold to transmit.

M 键 (短按): 监听功能

M Button (Short Press): Monitor function

M 键 (长按): 功能键可自定义: 1、扫描

2、按键锁 (出厂默认按键锁)

M Button (Long Press): Customizable function (Scan or keypad lock)

频道选择: Channel Selection:

本机共有 PMR446 16Ch /FRS 22 个信道, 长按 (侧键)+或-选择您所要使用的频道, 本机将用语音播报当前对应的频道。

The radio have EU PMR446 16Ch/US FRS 22 channels, long press the + or - side button to select you want channel. The radio will broadcast the current corresponding channel.

对讲: Transmitting:

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。讲话时请保持嘴和对讲机距离 3 至 8cm

To transmit, press and hold [PTT] and speak into the microphone in your normal tone of voice. The LED indicator lights display red when transmitting. To maximize sound clarity at the receiving station, hold the transceiver three to eight cm from mouth and talk in normal tone of voice.

语音报号功能的开启、关闭和中英文切换：

本机具有语音报号功能，方便您在操作时快速知道您所用的对讲机所处的当前信道。此功能可以通过电脑编程软件写频来实现，也可同时按住“—”号键和开机键开机进行手动切换。

Switch Chinese or English:

You can switch between Chinese and English through computer programming software or by pressing the "-" key and the power button at the same time.

低电量警告:Low battery warning:

低电量警告在电池需要充电时出现提醒。

Low battery will remind you to recharge.

如果电量不足时使用对讲机，每隔 10 秒钟会响起中文语音提示“请充电”，英文语音提示“Please Changer”，并且红色 LED 指示灯闪烁红光，提示用户请为电池组充电。

If there is no enough power, it will remind you please changer every 10 seconds.

超时定时器（TOT）（可以通过电脑写频软件设置开/关此功能）

超时定时器的作用在于防止一个人过久地使用一个信道。

超时定时器的时间可以通过写频软件设置（可以为 30 秒到 300 秒；每级相差 30 秒），如果你连续发射到你所设置的超时定时器的时间，对讲机将停止发射同时长发出警告音。要停止警告音，放开【PTT】开关。再次按下【PTT】开关便可恢复发射。

TOT(Re programme by software)

TOT is to avoid someone occupy one channel for long time, you could set the value by software (it could be 30 second,to 600 second, range is every 30 second). It will stop transmitting if your time is over TOT value, you have to redo it again.

声控功能

本机有声控功能,当检测到语音时,对讲机自动切换到发射模式。

具体操作如下:

此功能通过电脑编程软件写频来实现.打钩声控功能时表示声控开,没有打钩声控功能表示声控关，VOX 的增益电平需要通过电脑编程软件写频来调整。

注：VOX 的增益电平等级越高声控所需的音量越低(VOX 的增益电平可以 1-9 级选择)

VOX

This function can set via software , The higher the gain level of VOX, the lower the volume required for voice control (VOX gain level can be selected from 1 to 9 levels)

跳频功能

每个信道可设置跳频开/关。可实现对讲(亚音)加密，使其他款型机子不能正常接收

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到您的对讲，从而使您的通信得到保密。

Frequency hopping

Every channel has the frequency hopping function, to protect your privacy through encryption.(note: both parties should choose ON in frequency hopping setting)

变频功能

每个信道可设置变频开/关。可实现载波主频变化功能，使其他款型机子不能正常接收到您的对讲，从而使您的通信得到保密。

Frequency Shifting

Every channel has the frequency Shifting Function, to protect your privacy through encryption.(note: both parties should choose ON in frequency Shifting setting)

电池省电：

如果经销商启动了该功能，在未收到信号或未进行操作（没有按键按下）时，电池省电功能可以降低电量消耗。

当信道不忙以及未进行任何操作 10 秒钟后，电池省电功能打开。

当收到信号或进行操作时，电池省电功能关闭。

Save Battery Power

The battery save function decreases the amount of power used when signal is not being received and no operations are being performed (no keys are being pressed and no switches are being turned); While the channel 10 seconds is not busy and no operation is performed.battery save function activates. When a signal is received or an operation is performed, battery save is disabled.

繁忙锁定：

当繁忙锁定功能设置为有时，在接收到信号时按 PTT 键会发出“滴”的一声，并且不能发射，只有在没有接收到信号时，才可以发射。

Busy Lockout:

When this function be open ,it indicates that the transceiver will be unable to transmit when the channel selected is busy, just can transmit when no RX.

模拟亚音频（QT） / 数字亚音频（DQT）：

本对讲机可选装 50 组标准模拟亚音频模块另外增加可以用数字键盘输入范围为 60~260Hz 以内的非标亚音频和 105 组数字亚音频另外增加可以用数字键盘输入范围为 D000~D777 以内的非标数字亚音（可通过电脑编程软件进行设置）。

某些信道可能具备预设 QT/DQT 信号码。QT/DQT 信号是次可听信号音，它能使您可以忽视（不听）使用相同信道的第三者的呼叫。

当您接收到不同于您的对讲机上设定 QT/DQT 信号时，您不会听到这个信号。同样，您发射的信号仅可被 QT/DQT 信号相同于您对讲机设定的 QT/DQT 信号的对方收听到。

注：虽然使用设有 QT/DQT 亚音频的信号可使您免于收听不想听到的呼叫，但它并不意味着您的呼叫是秘密的。

T/DQT:

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When the channel is set to analog mode, 50 groups of standard QT can be optionally added in addition to the non-standard QT that can be input with a digital keypad within the range of 60~260Hz and 105 groups of DQT in addition to the non-standard DQT that can be input with a digital keypad within the range of D000~D777 (which can be set up by computer programming software).

Some channels may have preset QT/DQT signal code. the QT/DQT signals are sub-audible tones that enable you to ignore (no listen) call from third parties using the same channel.

When you receive a QT/DQT signal that is different from the one set on your walkie-talkie, you will not hear this signal. Similarly, the signal you transmit can only be heard by the other party whose QT/DQT signal is the same as the QT/DQT signal set on your walkie-talkie.

Note: While using signals with QT/DQT can save you from listening to calls you don't want to hear, it doesn't mean your calls are secret.

充电功能:

本机带有 TYPE_C 充电口，可以用充电器插入给电池充电，充电时亮橙色灯，充满亮蓝色灯。

Charging:

Use the Type-C port to charge.

Charging: Orange Light.

Fully Charged: Blue Light.

呼吸灯功能:

本机具有呼吸灯功能，具体设置可以通过写频软件来设置。

Breathing Light:

Customize settings via programming software.

写频加密功能:

本机具有写频加密功能，可以保护您的频率和亚音频数据不被别人知道，同时也可以保护您和客户的资料，具体设置可以通过写频软件来设置。

Software Encryption:

This function can protect your frequency and CTCSS data is not known by others, meanwhile also can protect you and the customer's information, the specific Settings can be set through software.

亚音频表

CTCSS List

1.50 组模拟语音

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CTCSS 50 CTCSS

67.0	69.3	71.9	74.4	77.0	79.7	82.5	85.4
88.5	91.5	94.8	97.4	100.0	103.5	107.2	110.9
114.8	118.8	123.0	127.3	131.8	136.5	141.3	146.2
151.4	156.7	159.8	162.2	165.5	167.9	171.3	173.8
177.3	179.9	183.5	186.2	189.9	192.8	196.6	199.5
203.5	206.5	210.7	218.1	225.7	229.1	223.6	241.8
250.3	254.1						

2.105 组数字亚音

DCS 105 DCS

023	025	026	031	032	036	043	047	051	053
054	065	071	072	073	074	114	115	116	122
125	131	132	134	143	145	152	155	156	162
165	172	174	205	212	223	225	226	243	244
245	246	251	252	255	261	263	265	266	271
274	306	311	315	325	331	332	343	346	351
356	364	365	371	411	412	413	423	431	432
445	446	452	454	455	462	464	465	466	503
506	516	523	526	532	546	565	606	612	624
627	631	632	645	654	662	664	703	712	723
731	732	734	743	754					

备注：数字亚音频分为正向 N 和反向 I

Note: DCS is divided into forward N and reverse I

WARNING STATEMENT:

We declare that the radio is compliance with Radio equipment Directive (RED) 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: XXXXX.

The device in the environment with the temperature between 0-40°C and operating under 2000m, otherwise, it may damage your radio.

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 including received interference that may cause undesired operation.

The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment. Replacement of any transmitter component (crystal, semiconductor, etc.) not authorized by the FCC equipment authorization for this radio could violate FCC rules.

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:

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- 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.

CAUTION:

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. Do not use this device when the antenna shows obvious damages.

Hold this transmitter approximately 25 mm away from your face and speak normal with the antenna pointed up and away. Use the supplied belt clip for body-worn configuration as other accessories may not comply to the limits.

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

WARNING: MODIFICATION OF THIS DEVICE TO RECEIVE CELLULAR RADIOTELEPHONE SERVICE SIGNALS IS PROHIBITED UNDER FCC RULES AND FEDERAL LAW.

EU T/RX: PMR446 (446.00625-446.19375MHz, 16Ch) 0.5W ,12.5K

US/CA T/RX: FRS (462.5625-462.7125MHz&467.5625-467.7125MHz&462.5500-462.7250MHz, 22Ch) 1W/0.5W,12.5K