Key parsing
Two Way Radio

aerial
power switch
Volume knob
status indicator lamp
PPT
Headphone jack
trumpet
key1
Type-C
key2
microphone
Electric quantity prompt
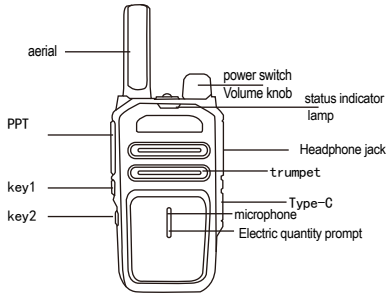
PMR446, 0.5W Max ,12.5K, F3E (EU)
FRS, 2W Max ,12.5K, F3E (US)

Power ON/OFF
1.POWER ON: Rotate the knob clockwise to turn on the radio, and use the same knob to adjust the volume.

2.POWER OFF: Rotate the knob counterclockwise to power off.

Volume Adjustment
Rotate the knob clockwise to add and counterclockwise to low .

Keypad Instruction:
PTT 1: TX
FP1 : Short press can add channel number,long press can set Monitor or Scan or keypadlock (via software can select)

Short press can reduce channels number , long press turn on flashlight

Channels Select:
Radio have 16 channels , press FP1 and FP2 canselect you want channel, if you have open voice prompt ,the radio will broadcast the current corresponding channel .

Transmitting
1. 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 nomal tone of voice.

switch Chinese or English
Make it in channel No. 1, reboot when press key NO.2 to switch Chinese or English.

Low battery warning
The radio has four battery power indicators light, three green and a red light, battery power indicator light will be lit when turn on radio and switching channels, to remind the user of remaining power.

Low battery will remind you to recharge or change new battery. If there is no enough power, it will remind you please changer or charge the battery every 10 seconds.

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.

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)

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)

switch High/Low Power
Can set High or Low power each channels via software ,set high power under long distance talk,set low power under short distance talk .

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.

Busy Lockout:
 Wehn 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 .

QT/DQT :
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.

Charger:Using TYPE_C port can charger .

Flashlight :
Long press PTT FP2 turn on flashlight

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.

CTCSS list
1.50 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 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					

Note: DCS is divided into forward N and reverse I