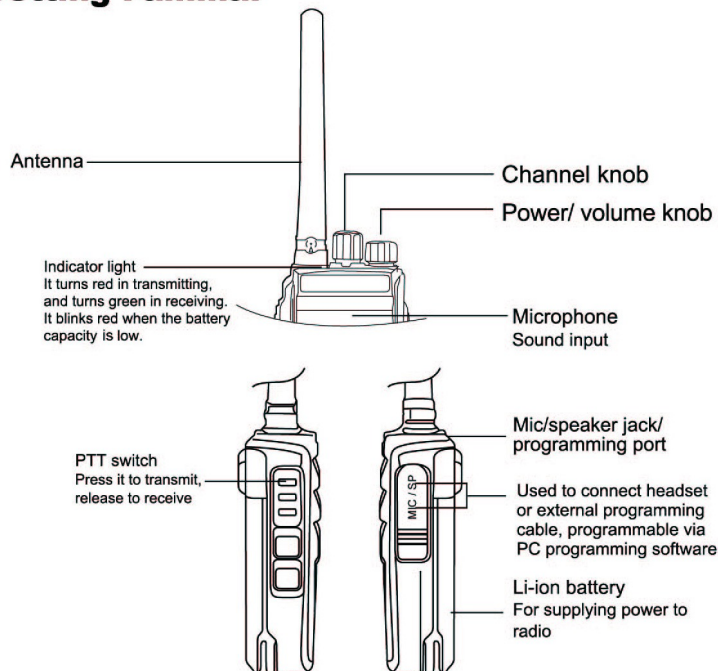


TWO-WAY RADIO

SUPER-LONG STANDBY

USER'S MANUAL

Getting Familiar



| 01 |

Unpacking and checking equipment

Welcome to use two-way radio. Carefully unpack the radio. We recommend you check the items listed in the following table before discarding the package. If any item is missing, please contact local dealer immediately.

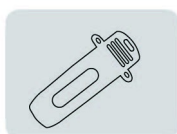
Supplied accessories:



Antenna (1)



Li-ion battery (1)



Belt Clip (1)



Charger (1)

Note: The antenna frequency range please refers to the annular label at the bottom of antenna.

BASIC OPERATION

SWITCHING POWER SUPPLY:

- 1, Power: clockwise rotating "Power / Volume Switch" control knob to open the transceiver power Hear the "da" sound, then heard a bunch of sweet "chatter whirring" Tone Then the corresponding current broadcast channel.
- 2, Off: Turn counterclockwise "Power / Volume Switch" control knob, Until you hear a "tick" sound indicates that the walkie-talkie after the power has been turned off.

VOLUME ADJUSTMENT:

Clockwise rotating "power / volume switch" control knob to increase the volume; Counterclockwise rotating "Power / volume switch" will decrease the volume control knob.

CHANNEL SELECTION:

Turn the channel switch to select the channel you want to use, if you voice reporting functions of the machine opened the case, The unit will broadcast the current channel with the corresponding speech.

TALKBACK:

Press and hold [PTT] key lights emitted and speak in a normal tone, the call is completed after release [PTT] key The machine will turn to receive. Please keep the mouth and walkie-talkie from 3 to 8cm his speech.

The local computer programming software used: KL_520_Setup, with 'MAX232 integrates write divider.

OPEN THE VOICE REPORTING FUNCTION IS SWITCHED OFF AND IN ENGLISH:

This machine has a voice reporting function, At night or in the dark so you know you are using quick walkie-talkie in which the current channel operation. This function can be written by computer programming software frequently to achieve, You can also "Chinese" to "English" by hand to persuade the way Then to "close the Voice newspaper," so to cycle specific switching method as follows: In shutdown mode, the channel switch to channel 11, Then hold down the monitor key [MONI] and launch key [PTT] switch boot conduct voice reporting.

SCAN FUNCTION TURNED ON AND OFF :

This machine has a scan function that allows you to monitor the channel you want to listen , do the following:When the alarm function is not turned on by pressing [SCAN] key (short open alarm function.Press the [SCAN] key) , the unit will prompt " beep" sound , which means that to enter the scan state,If your machine has set up a channel scan , the machine will channel 1 -channel 16- - straight sweep down,Until a signal is received , at which time the green light has been flashing.That means that the channel scan, when the machine receives the correct signal will stay

| 02 |

| 03 |

five seconds, No longer receive and transmit operation within 5 seconds, then scan the machine and into the state. At the same time the green light flashes; If you want to exit the scan mode, and then press the [SCAN] key (Open alarm function and then a short press [SCAN] key) the machine will prompt "Nom beep" twice to "Scanning the status bar set all channels or "Scan to add" set to "delete" At this point even if you press the "Scan Function" button, the machine will not enter the scan status.

Note: When you open alarm function Press [SCAN] key operation scan function Press [SCAN] key remote alarm.

ALARM FUNCTION ON AND OFF:

The machine has an alarm feature that allows you to call each other in case of emergency. Specific operations such as: In the off state, the channel is switched to 10 channels alarm beeps. Monitor key [MONI] and launch key [PTT] boot. When the voice prompt "drip" sound indicates that the alarm function is turned on, Press [SCAN] key, the machine will emit a walkie-talkie "woo. Woo ..." sound, Then press the [PTT] key to exit the alarm. When the voice prompt "bit" twice expressed alarm function is turned off. Press [SCAN] key to scan the machine will not operate the alarm operation.

VOICE FEATURES TURNED ON AND OFF:

This machine has a voice feature that allows you to call each other in case of emergency. To do the following: In the off state, the channel is switched to 9 channels Monitor key while holding down the [MONI] and launch key [PTT] boot. When the voice prompt "drip" sound indicates that the voice is turned on, when the voice prompt "bit", said the voice function off twice.

WIDE, NARROW-BAND CAPABILITIES

The machine has a wide, narrow-band switching function, so you can adapt to the needs of more customers. Specific settings can be selected for each channel requires a wide, narrow-band frequency by writing software. Low battery warning.

LOW BATTERY WARNING

Low battery warning in the battery needs to be recharged or re-placed is the emergence of a reminder.

If using a walkie-talkie lack of electricity, every 30 seconds a warning tone will sound ("Beep, beep, beep"), and the LED indicator flashes red, replace the battery pack or whom to charge.

WRITE FREQUENCY ENCRYPTION

This machine has a write frequency encryption to protect your frequency and sub-audio data is not known to others, You can also protect your data and customer specific settings can be set by the programming software.

Scramble:

The radio have 8 group scramble to choose, you can set it by software.

Companding:

To improve Signal-noise ratio of the receiving audio(need to set on the software

Frequency Decoding Operation

Rotate the walkie talkie to channel 1, press and hold the PTT key and MONI to turn it on, the green light will light up, and then you can press the PTT key again to confirm and emit a signal sound, indicating that the decoding mode is on. Then, you can turn the machine that needs to break the code towards the transmitter, and hear the signal sound to indicate successful decoding. After successful decoding, the channel will be automatically changed, and so on.

Force Frequency Decoding Operation

Rotate the walkie talkie to 16 channels, press and hold the PTT key and MONI to turn it on, the green light will light up, select the channel you need, press the PTT key again to confirm and emit a signal sound, indicating that the decoding mode is on. Then, you can turn the machine that needs to break the code towards the transmitter, and hear the signal sound to indicate successful decoding. After successful decoding, the channel will be automatically changed, and so on.

Wireless Replication Function

The receiver needs to be copied. In channel 3, press PTT and MONI simultaneously to turn on the power, and the green light will light up, the transmitter needs to be copied. In channel 8, press PTT and MONI simultaneously to turn on the power, the green light will light up, and then you need press the MONI key to confirm. The red light will light up, indicating that the transmission replication frequency has started. After the copied machine is successful, it will restart the intercom and report a number, indicating that the replication has been successful.

Analog CTCSS (QT) / Digital CTCSS (DQT):

The 50 groups of standard analog radios optional sub-audio module can be used an additional numeric keypad The input range is within 60.0-260Hz any non-standard CTCSS and 105 sets of figures Also you can use the numeric keypad to increase the input range is within DOOO-D777 any non-standard digital audio Asia (Can be set via PC programming software). Some channels may have a default QT / DQT signal

code. QT / DQT signal is sub-audible tone, It allows you to ignore (not hear) the third party using the same channel calls. Unlike when you receive your walkie-talkie set QT / DQT signal, you will not hear the signal. Similarly, You can only signal emitted by QT / DQT signal is the same as your walkie-talkie set QT / DQT Gil number to listen to each other. Note: Although the use of feature QT / DQT sub-audio signal allows you to listen not want to hear from a call, But it does not mean that your calls are confidential.

50 GROUPS CTCSS FREQUENCY (HZ)							
67.0	85.4	107.2	136.5	165.5	186.2	210.7	254.1
69.3	88.5	110.9	141.3	167.9	189.9	218.1	
71.9	91.5	114.8	146.2	171.3	192.8	225.7	
74.4	94.8	118.8	151.4	173.8	196.6	229.1	
77.0	97.4	123.0	156.7	177.3	199.5	233.6	
79.7	100.0	127.3	159.8	179.9	203.5	241.8	
82.5	103.5	131.8	162.2	183.5	206.5	250.3	

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

TECHNICAL SPECIFICATIONS

INTEGRAL PART OF THE

frequency range	400-480MHz
temperature range	-20 degrees Celsius to +50 degrees Celsius
Rated voltage	7.2V
working	Same frequency simplex or different frequency simplex
size	126x57x38mm (excluding antenna)
weight	of about 182g (including battery pack)
Antenna impedance	50Ω

INTEGRAL PART

carrier frequency tolerance	± 2.5ppm
Carrier output power	8W
Modulation limit	≤ 5KHz
Audio Distortion	≤ 5%
modulation characteristics	+3 dB-3dB
Adjacent Channel Power	≥ 65dB
spurious frequency components	≤ 7.5pW
Occupied Bandwidth	≤ 16KHz

RECEIVING PART

Reference sensitivity	≤ 0.2pV
Audio Distortion	≤ 5%
Audio Response	+2 dB~ - 10dB
co-channel rejection	≥ -8dB
Adjacent Channel Selectivity	≥ 55dB
Intermodulation Immunity	≥ 55dB
spurious response immunity	≥ 55dB
Blocking characteristics	≥ 85dB

★ The above specifications are subject to actual machine.

Note: Specifications are subject to change without prior notice due to technical improvements.