

TO CUSTOMERS

Thank you very much for using our transceiver. This transceiver offers latest design, enhanced features, solid performances and easy accessibility.

It is designed to meet different customers' requirements. We believe that you will be pleased with its high quality and stable functions.

SUPPLIED ACCESSORIES

ITEM	QUANTITY
Portable radio	1
Antenna	1
Li-ion battery pack	1
Li-ion charger	1
Power adapter	1
Belt clip	1
User's manual	1

01

Notes before using :

- Do not use the walkie talkie in an explosive environment (such as gas, dust, steam, etc.) or to charge the battery.
- Please turn off the walkie-talkie while refueling or parking at the gas station.
- Do not adapt or modify the machine whether there is any reason.
- Do not let the walkie talkie by prolonged direct sunlight, do not place it near a heating appliance too.
- Do not put the walkie talkie at the extremely dusty, damp and splashing place and do not place it on an unstable surface.
- The repair of the walkie talkie only can be carried out by professional technicians, do not disassemble by yourself.

Note :

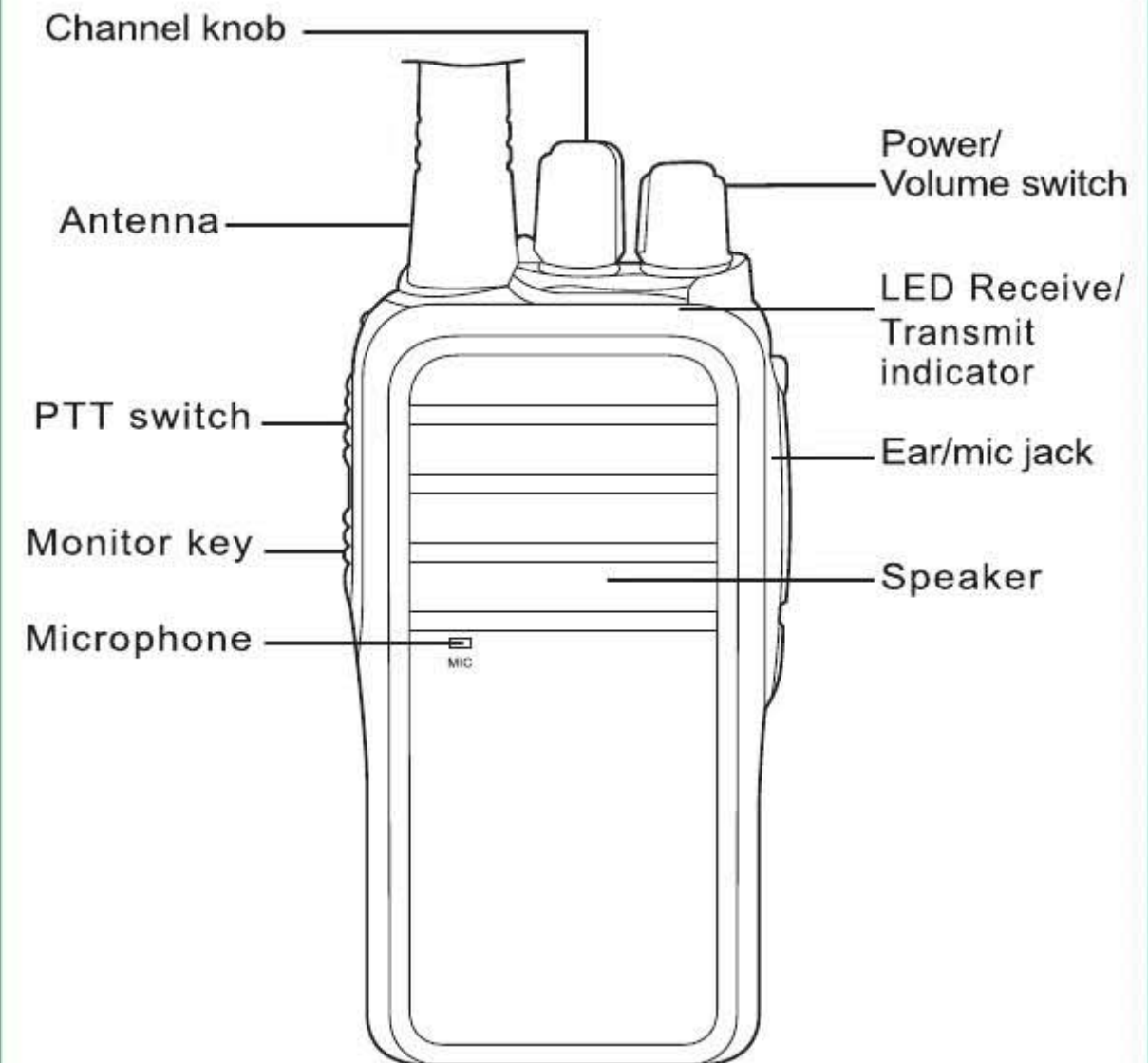
Please read above content carefully. It is very important for walkie talkie users to gain general knowledge and understanding of risk about the use of walkie talkie.

1. The Main Function

- Full Band
- High power
- 16 storage channels
- PC programming
- CTCSS/DCS function
- High/low power selective
- Busy channel lockout
- TOT
- Chinese and English voice prompt
- FM radio functions (optional)
- Scan(optional)

03

GETTING ACQUAINTED



02

■ Voice Operated Transmission

voice prompt on , it will prompt when the channel is changed. chinese or English voice prompt can be selected. This feature can be operated by computer .

■ Time-out Timer (TOT):

The purpose of the Time-out Timer is to prevent any caller from using a channel for a long time. It can be programmed by software(15 seconds ,30 seconds till 600 seconds , the grade difference is 15 seconds)If you continuously transmit for a period of time, the transceiver will stop transmitting and alert . To stop the tone,release the PTT switch. When you press switch again , it will transmit.

■ Busy Channel Lockout (BCL):

When activated ,BCL prevents you from interfering with other parties who may be using the same channel that you selected. Pressing the PTT switch while the channel is in use will cause your transceiver to emit an alert tone and transmission will be inhibited (you can' t transmit).Release the PTT switch to stop the tone and return to receive mode.

2.Basic operation

■ Switching power ON/OFF:

- 1.Turn on: Turn on the transceiver by turning the power switch/volume control knob clockwise, then a beep sound, if Voice Annunciation is on, the transceiver can notify the current channel.
- 2.Turn off: Turn off the transceiver by turning the power switch/volume control knob counterclockwise until a click sounds, the transceiver is power-off.

■ Adjusting the volume:

Rotate the Power switch/Volume control to adjust the volume. Clockwise increases the volume and counterclockwise decreases it.

■ Selecting a channel:

Turn the Channel switch to select channels that you want if your turn on the Voice Annunciation function .it can notify the current channel.

■ The key to launch the PTT

1. Hold PTT buttons and with normal voice speaking. (when firing red light)
2. End spoke, loosen PTT key-press, waiting to receive.

■ Monitor

Hold MONI buttons in the monitoring mode (instantaneous static denoising open)

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■ FM radio function (optional)

Press Monitor key and turn on the transceiver to enter into radio status. Press PTT switch to reset, and press Monitor key to search radio frequency from low to high. The radio frequency range is: 87.5 MHz When in radio status, if the current channel has signals, press PTT switch to transmits and radio function stops. If the current channel has no signal, it is ineffective to press PTT key after 15s.

3.Note

■ Low Battery Warning:

Low Battery Warning alerts when the battery needs to be recharged or replaced. While operating the transceiver, if the battery power becomes low, an alert tone will be heard in every 15 seconds and the LED indicator will blink red. Replace or recharge the battery pack.

■ Battery Save:

If activated by your dealer, the Battery Save function will decrease the amount of power used when a 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 is not busy and no operation is performed for 10 seconds, Battery Save turns ON. When a signal is received or an operation is performed, Battery Save turns OFF.

■ Quiet Talk(QT)/Digital Quiet Talk (DQT):

The transceiver can be selected by 39 groups of CTCSS/83 groups of DCS (can be set by Programming software)

5. Shedule

CTCSS

1	67.0	26	156.7
2	69.3	27	159.8
3	71.9	28	162.2
4	74.4	29	165.5
5	77.0	30	167.9
6	79.7	31	171.3
7	82.5	32	173.8
8	85.4	33	177.3
9	88.5	34	179.9
10	91.5	35	183.5
11	94.8	36	186.2
12	97.4	37	189.9
13	100.0	38	192.8
14	103.5	39	196.6
15	107.2	40	199.5
16	110.9	41	203.5
17	114.8	42	206.5
18	118.8	43	210.7
19	123.0	44	218.1
20	127.3	45	225.7
21	131.8	46	229.1
22	136.5	47	233.6
23	141.3	48	241.8
24	146.2	49	250.3
25	151.4	50	254.1

4. Charging Instructions

1. When the charger is connected to the mains supply, place the transceiver into the charging slot to charge. Make sure the interphone is turned off during charging. Pull out the transceiver in time after it is fully charged, and unplug the power switch of the charger.
2. Charging status indicators are as follows:
 - A. Standby: the green lamp is on.
 - B. Charging: the red lamp is on.
 - C. Fully charged: the green lamp is always on.

DCS

Warning:

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 received, including interference that may cause undesired operation

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

For a **Class B** digital device or peripheral, the instructions furnished to the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

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:

- 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.

This radio is designed for and classified as **"General population/uncontrolled Use"**

- **DO NOT** operate the radio without a proper antenna attached, as this may damage the radio and may also cause you to exceed RF exposure limits. A proper antenna is the antenna supplied with this radio by the manufacturer or an antenna specifically authorized by the manufacturer for use with this radio.
- **DO NOT** transmit for more than 75% of total radio use time, more than 75% of the time can cause RF exposure compliance requirements to be exceeded.
- This transmitter may operate with the antenna(s) documented in this filing in Push-to-Talk and body-worn configurations. RF exposure compliance is limited to the specific belt-clip and accessory configurations as documented in this filing and the separation distance between user and the device or its antenna shall be at least **2.5 cm**.

1	D023N	43	D251N	85	D532N	127	D132I	169	D411I
2	D025N	44	D252N	86	D546N	128	D134I	170	D412I
3	D026N	45	D255N	87	D565N	129	D143I	171	D413I
4	D031N	46	D261N	88	D606N	130	D145I	172	D423I
5	D032N	47	D263N	89	D612N	131	D152I	173	D431I
6	D036N	48	D265N	90	D624N	132	D155I	174	D432I
7	D043N	49	D266N	91	D627N	133	D156I	175	D445I
8	D047N	50	D271N	92	D631N	134	D162I	176	D446I
9	D051N	51	D274N	93	D632N	135	D165I	177	D452I
10	D053N	52	D306N	94	D654N	136	D172I	178	D454I
11	D054N	53	D311N	95	D662N	137	D174I	179	D455I
12	D065N	54	D315N	96	D664N	138	D205I	180	D462I
13	D071N	55	D325N	97	D703N	139	D212I	181	D464I
14	D072N	56	D331N	98	D712N	140	D223I	182	D465I
15	D073N	57	D332N	99	D723N	141	D225I	183	D466I
16	D074N	58	D343N	100	D731N	142	D226I	184	D503I
17	D114N	59	D346N	101	D732N	143	D243I	185	D506I
18	D115N	60	D351N	102	D734N	144	D244I	186	D516I
19	D116N	61	D356N	103	D743N	145	D245I	187	D523I
20	D122N	62	D364N	104	D754N	146	D246I	188	D526I
21	D125N	63	D365N	105	D023I	147	D251I	189	D532I
22	D131N	64	D371N	106	D025I	148	D252I	190	D546I
23	D132N	65	D411N	107	D026I	149	D255I	191	D565I
24	D134N	66	D412N	108	D031I	150	D261I	192	D606I
25	D143N	67	D413N	109	D032I	151	D263I	193	D612I
26	D145N	68	D423N	110	D036I	152	D265I	194	D624I
27	D152N	69	D431N	111	D043I	153	D266I	195	D627I
28	D155N	70	D432N	112	D047I	154	D271I	196	D631I
29	D156N	71	D445N	113	D051I	155	D274I	197	D632I
30	D162N	72	D446N	114	D053I	156	D306I	198	D654I
31	D165N	73	D452N	115	D054I	157	D311I	199	D662I
32	D172N	74	D454N	116	D065I	158	D315I	200	D664I
33	D174N	75	D455N	117	D071I	159	D325I	201	D703I
34	D205N	76	D462N	118	D072I	160	D331I	202	D712I
35	D212N	77	D464N	119	D073I	161	D332I	203	D723I
36	D223N	78	D465N	120	D074I	162	D343I	204	D731I
37	D225N	79	D466N	121	D114I	163	D346I	205	D732I
38	D226N	80	D503N	122	D115I	164	D351I	206	D734I
39	D243N	81	D506N	123	D116I	165	D356I	207	D743I
40	D244N	82	D516N	124	D122I	166	D364I	208	D754I
41	D245N	83	D523N	125	D125I	167	D365I		
42	D246N	84	D526N	126	D131I	168	D371I		