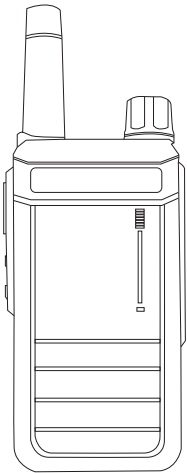


Thinner 2-Way Radio
English Manual



A Small Radio, An Useful Talking

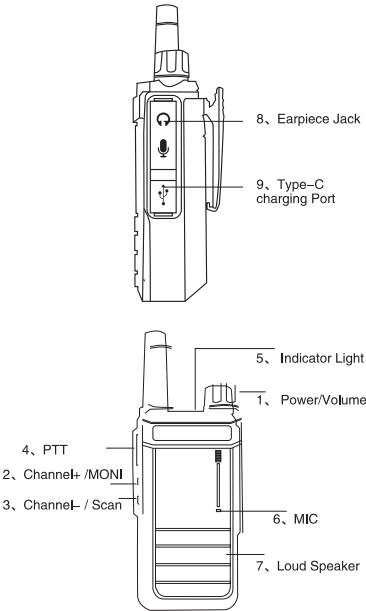
Functions

- Power: 2W
- VOX/CTCSS/DCS
- TOT
- Battery Save
- Low Battery Alert
- SQL
- Frequency Hopping

Technical Parameter

Frequency Range	462.55-467.7250MHz
Rated Voltage	DC 3.6V
Memory Channel	22 channels
Antenna Impedance	50 Ω
Working Mode	Simplex or Semi-duplex
Size	50x15x130mm (antenna including)

Key Introduce



Power on/off

- 1、Power on: Turn clockwise to turn on radio. Rotate the knob to the max. for maximum volume
- 2、Power off: Turn counterclockwise to turn off radio.

Key function

- 1、PTT Key: Press PTT to transmit (Red light)
Long Press: MONI
- 2、Channel + / MONI: Short press: Channel UP
Long Press: MONI
- 3、Channel – / Scan: Short press: Channel DOWN
Long Press: SCAN

Indicator Light

- 1、Standby status: green light flashes every 7~8 seconds
- 2、Transmitting status: RED
- 3、Receiving status: GREEN

Low Battery Alert

There is a voice prompt ‘Change battery’ every 15 second to alert to charge or replace battery.

English/Chinese Language Switch

Select to be Channel 1, power off then long press KEY 3[Channel –/Scan] + Power on to turn on the radio, till voice prompt to finish language switching.

Time out Timer(TOT)

Prevent an user from using a channel for too long.
Set via PC programming software. 15s/30s...600s, 15s difference each level.

If you continuously transmit to over the TOT time you set, the radio will stop transmitting. Release PTT and press PTT again to recover transmit.

Frequency Hopping

Voice encryption for each channel. This function can be set via PC programming software.

Notes:
–Options: ON/OFF. (Set via PC programming software.)
–Turn on this function, other radio couldn't receive your signal.
–No matter which option CTCSS/DCS/OFF for CTCSS/DCS encode, CTCSS/DCS decode setting, as long as turn on Frequency Hopping, it will starts to active this function to achieve voice encryption.

Scan

Long Press key 3[channel –/Scan] till green light continuously flash to active Scan function.

Long press key 3 or PTT key to exit.

CTCSS/DCS

Set via PC programming software.

CTCSS

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

DCS

1	023N	23	152N	45	343N	67	606N
2	025N	24	155N	46	346N	68	612N
3	026N	25	156N	47	351N	69	624N
4	031N	26	162N	48	364N	70	627N
5	032N	27	165N	49	365N	71	631N
6	043N	28	172N	50	371N	72	632N
7	047N	29	174N	51	411N	73	654N
8	051N	30	205N	52	412N	74	662N
9	054N	31	223N	53	413N	75	664N
10	065N	32	226N	54	423N	76	703N
11	071N	33	243N	55	431N	77	712N
12	072N	34	244N	56	432N	78	723N
13	073N	35	245N	57	445N	79	731N
14	074N	36	251N	58	464N	80	732N
15	114N	37	261N	59	465N	81	734N
16	115N	38	263N	60	466N	82	743N
17	116N	39	265N	61	503N	83	754N
18	125N	40	271N	62	506N	84	
19	131N	41	306N	63	516N	85	
20	132N	42	311N	64	532N	86	
21	134N	43	315N	65	546N	87	
22	143N	44	331NI	66	565N		

FCC Compliance Statements:

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.

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.

Frequency List:

No.	Frequency List	No.	Frequency List	No.	Frequency List
1	462.5625	8	467.5625	15	462.5500
2	462.5875	9	467.5875	16	462.5750
3	462.6125	10	467.6125	17	462.6000
4	462.6375	11	467.6375	18	462.6250
5	462.6625	12	467.6625	19	462.6500
6	462.6875	13	467.6875	20	462.6750
7	462.7125	14	467.7125	21	462.7000
-	-	-	-	22	462.7250

Note: 467 MHz interstitial channels must not exceed 0.5 Watt.

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 25mm 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.

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

Licensing Information:

Use our radio in USA is subject to the rules & regulations of FCC. Changes or modifications not expressly approved by our may void the user authority granted by the FCC to operate this radio and should not be made. To comply with FCC requirements, transmitter adjustments should be made only by or under the supervision of a person certified as technically qualified to perform transmitter maintenance and repairs in the private land mobile and fixed services as certified by an organization representative of the user of those services. Replacement of any transmitter component (crystal, semiconductor, etc) not authorized by the FCC equipment authorization for this radio could violate FCC rules.

Note: Use of this radio outside the country where it was intended to be distributed is subject to government regulations and may be prohibited.

Important: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device. Your radio is set up to transmit a regulated signal on an assigned frequency. It is against the law to alter or adjust the settings inside the radio to exceed those limitations. Any adjustments to your radio must be made by qualified technicians.