Transmitting CTCSS (T--CTCS) ——Menu No. 13

Using this function can set your privacy and prevents disturbance from others or matching with the code of other radios.

The operation steps are as follows:

1、In frequency mode, press Menu+13, the LCD displays: ▲T-CTCS 13 OFF

2、Press key Menu, and then press key ▲ or ▼ to choose, the LCD displays: T-CTCS 13 ▼67.0Hz
(CTCSS mode reference Menu No. 11)

3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.
The LCD displays: CT ▲400.875 136.225

NOTE:There are 50 groups CTCSS.
This function is invalid in channel mode.

Voice Reminding (VOICE) ——Menu No. 14

It will voice remind you when you operate the radio. It's convenient for users.

The operation steps are as follows:

1、In frequency or channel mode, press Menu+14, the LCD displays: ▲VOICE 14 OFF

2、Press key Menu, and then press key ▲ or ▼ to choose, the LCD displays: VOICE 14 ▼ON

3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

ANI-ID (ANI-ID) ——Menu No. 15

ANI-ID can check out the code of your radio.

This function can just be operated by program software, it can set 1-5 bit digit code.

Example: The software set the ID code as 88888. The operation steps are as follows:

1、In frequency or channel mode, press Menu+15. the LCD displays: ▲ANI-ID 15 88888

2、After searching, press key Menu to confirm, and then press key PTT or Exit to standby.

DTMFST (DTMFST) ——Menu No. 16

This function is that when the radio transmits, the recipient can hear the DTMF and AND-ID code issued by the radio.

The operation steps are as follows:

1、In frequency or channel mode, press Menu+16, the LCD displays: ▲DTMFST 16 OFF

2、Press key Menu and then press key ▲ or ▼ to choose, the LCD displays: DTMFST 16 ▼DT-ST
Choose mode: OFF: OFF
DT-ST: When transmitting, manually press keypads to make DTMF sound.
ANI-ST: When transmitting, it automatically makes DTMF sound.
DT+ANI: When transmitting, manually press keypads or automatically makes DTMF sound.

3、After setting, press key Menu to confirm, then press PTT or Exit to standby.

NOTE:Select "OFF" when using in case of affecting the radio.

Signal Code (S-CODE) ——Menu No. 17

This function is to set radio signal code, it can set 1-15 groups. This function can just be set by program software.

The operation steps are as follows:

1、In frequency or channel mode, press Menu+17, the LCD displays: ▲S-CODE 17 1

2、Press key Menu, and then press key ▲ or ▼ to choose, the LCD displays: S-CODE 17 ▼13

3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

NOTE:Do not use this function if not necessary in case of affecting the radio.

Scan Resume Mode (SC-REV) ——Menu No. 18

This function can scan activities from other radios' frequencies or channels. You can select the scan mode according to your request.

The operation steps are as follows:

1、In frequency or channel mode, press Menu+18, the LCD displays: 

2、Press key Menu, and then press key ▲ or ▼to choose, the LCD displays: 

There are three ways of scanning.

TO: Time scanning, continue scanning after searching signal for 5s.

CO: Carrier scanning, when it searches the signal, it continues scanning after the signal disappear.

SE: Search scanning, stop scanning after searching the signal.

3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

PTT ID (PTT-ID) ——Menu No. 19

This funcition can set the sound when you press key PTT to transmit or release to sending PTT-ID.

The operation steps are as follows:

1、In frequency or channel mode, press Menu+19, the LCD displays: 

2、Press key Menu, and then press key ▲ or ▼ to choose, the LCD displays: 

There are four kinds of mode:

OFF: Press PTT key to turn it off.

BOT: Press PTT key to send code. (The PTT-ID refers to software.)

EOT: Release PTT key to send code.

BOTH: Press or release PTT key to send code.

3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

NOTE:Select "off" in normal using to avoid affecting the radio.

PTT ID Prolong Time (PTT-LT) ——Menu No. 20

This function is to set the prolong time of the radio' s PTT-ID.

The operation steps are as follows:

1、In frequency or channel mode, press Menu+20, the LCD displays: 

2、Press key Menu, and then press key ▲ or ▼ to choose, the LCD displays: 

(There are 0-30ms to choose.)

3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

NOTE:Select "0" in normal using to avoid affecting the radio.

A Channel Display Mode (MDF-A) ——Menu No. 21

This function is to set the display mode of channel A.

The operation steps are as follows:

1、In standby mode press Menu+21, the LCD displays: 

2、Press key Menu, and then press key ▲ or ▼ to choose, the LCD displays: 

Display modes: ① FREQ: Frequency + Channel No. 

② CH: Channel No. 

③ NAME: Channel Name 

3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

NOTE: Channel name must be set by program software. It can edit any three numbers or characters.

B Channel Display Mode (MDF-B) ——Menu No. 22

This function is to set the display mode of channel B.

The operation steps are as follows:

1、In standby mode, press Menu+22, the LCD displays: 

2、Press key Menu, and then press key ▲ or ▼ to choose, the LCD displays:

Display modes: ① FREQ: Frequency + Channel No. 

② CH: CH: Channel No. 

③ NAME: Channel Name 

3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

NOTE:Channel name must be set by program software. It can edit any three numbers or characters.

Busy Channel Lock (BCL) ——Menu No. 23

When this function is on, it may prevent other radios' interference. If the selected channel is being used by other radios, when you press key PTT, the radio you use can not transmit, It can transmit only when the station can not receive any signals.

The operation steps are as follows:

1、In standby mode, press Menu+23, the LCD displays: 

2、Press key Menu, and then press key ▲ or ▼ to choose, the LCD displays: 

ON: ON OFF: OFF

3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

Auto Keypad Lock (AUTOLK) ——Menu No. 24

When power on, but the radio is not in the working mode, the keypad will be automatically locked after 15s.

The operation steps are as follows:

1、In frequency or channel mode, press Menu+24, the LCD displays: 

2、Press key Menu, and then press key ▲ or ▼ to choose, the LCD displays:

ON: ON OFF: OFF

3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

If you set on, the LCD displays: 

Frequency Deviation Setting (SFT-D) ——Menu No. 25

Using this function, you may set deviation between receiving and transmitting. In general, it's used for repeater.

The operation steps are as follows:

1、In frequency mode, press Menu+25, the LCD displays: 

2、Press key Menu, and then press key ▲ or ▼ to choose, the LCD displays: 

The frequency deviation mode:

a. Transmitting frequency higher than receiving frequency (+) ;

b. Transmitting frequency lower than receiving frequency (-) ;

c. OFF

3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

When you set the frequency deviation (+), the LCD displays: 

When you set the frequency deviation (-), the LCD displays: 

NOTE:You should set different frequency deviation according to the repeaters selected. This function is invalid in channel mode.

Frequency of Different Frequency (OFFSET) ——Menu No. 26

Using this function, you can set the deviation between receiving and transmitting.
In general, this function is used for repeater. The frequency deviation of this radio is: 0-69.990MHz.

The operation steps are as follows:

1、In frequency mode, press Menu+26, the LCD displays: 

2、Press key Menu, and then input your desired deviation frequency.
If you want to input the frequency deviation 5MHz, pls input numbers 0、5、0、0、0 directly.

3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

NOTE:Setting the frequency deviation (See Menu No.25).

Channel Store (MEM-CH) ——Menu No. 27

When the radio is in frequency working mode or standby mode, input the desired frequency or parameters directly.

The operation steps are as follows:

1、In frequency mode, press Menu+27, the LCD displays: 

2、Press key Menu, and then press key ▲ or ▼ to choose channel number, or you can input your desired channel number directly.
Fox example, if you want to input No. 25 channel, pls input number 0、2、5 directly.

3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

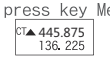
Example: Channel 1 (Same frequency) Receiving frequency: 445.875 MHz CTCSS:71.9 Hz
Transmitting frequency: 445.875 MHz CTCSS:71.9 Hz
Channel 2 (different frequency) Receiving frequency: 445.575 MHz
Transmitting frequency: 440.575 MHz CTCSS:88.5 Hz

First, storing channel 1:

a. In frequency mode, input number 4、4、5、5、7、5、

b. Press Menu+11, the LCD displays: 

c. Press key Menu, and then press key ▲ or ▼ to adjust to 71.9 Hz, the LCD displays: 

d. After setting, press key Menu to confirm, and then press key PTT or Exit to standby. The LCD displays: 

e. Press key Menu+13, the LCD displays: 

f. Press key Menu, and then press key ▲ or ▼ to adjust to 71.9 Hz, the LCD displays: 

g. After setting, press key Menu to confirm, and then press key PTT or Exit to standby. The LCD displays: 

h. Press Menu+27. the LCD displays: 

i. Press key Menu, and then press ▲ 001 channel or input number 0、0、1、directly, the LCD displays: 

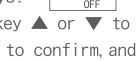
j. After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

k. Press key VFO/MR to channel mode, display modes see Menu No.21 and Menu No.22.

NOTE:If you don't want to set CTCSS, do not follow b、c、d、e、f operation steps.

Secondly, storing channel 2:(Transmitting frequency is 5MHz lower than receiving frequency.)

a. In frequency mode, input number 4、4、5、5、7、5.

b. Press Menu+13, the LCD displays: 

c. Press key Menu, and then press key ▲ or ▼ to adjust to 88.5 Hz, the LCD displays: 

d. After setting, press key Menu to confirm, and then press key PTT or Exit to standby.
After transmitting, the LCD displays: 

e. Press Menu+25, the LCD displays: 

f. Press key Menu, and then press key ▲ or ▼ to choose, the LCD displays: 

g. After setting, press key Menu to confirm, and then press key PTT or Exit to standby. The LCD displays: 

h. Press Menu+26, the LCD displays: 

i. Press key Menu, then input number: 0、5、0、0、0

j. Press Menu+27, the LCD displays: 

k. Press key Menu, and then press key ▲ or ▼ to choose No.2 channel or input number 0、0、2 directly. The LCD displays: 

L. After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

M. Press key VFO/MR to channel mode, the LCD displays: 

Display modes see Menu No.21 and Menu No.22.

NOTE:Pls check the channel you store has the original channel or not,if does, you need to delete it before channel storing. (Channel delete see Menu No.28)

Channel Delete (DEL-CH) ——Menu No.28

This function is used to delete channels and information of the radio.

Example: Delete channel 2

The operation steps are as follows:

1、In frequency or channel mode, the LCD displays: 

2、Press key Menu, and then press key ▲ or ▼ to adjust channel 002 or input number 0、0、2 directly. The LCD displays: 

3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

NOTE:Please correctly choose the channel you want to delete in case of restorage and uncessary trouble.
With display CH-*** means there is storage channel,and then can be deleted

Standby Backlight (WT-LED) ——Menu No.29

You can choose the color of backlight when the radio is shtand by.

The operation steps are as follows:

1、In frequency or channel mode, press Menu+29, the LCD displays: 

2、Press key Menu, and then press key ▲ or ▼ to choose, the LCD displays: 

There are four options: OFF
YELLOW
GREEN
RED

3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

RX Backlight (RX-LED) ——Menu No.30

You can choose the color of backlight when the radio is receiving.

The operation steps are as follows:

1、In frequency or channel mode, press Menu+30, the LCD displays: 

2、Press key Menu, and then press key ▲ or ▼ to choose, the LCD displays: 

There are four selection: OFF:
YELLOW
GREEN
RED

3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

TX Backlight (TX-LED) ——Menu No. 31

You can choose the color of backlight when the radio is transmitting.
The operation steps are as follows:
1、In frequency or channel mode, press Menu+31, the LCD displays: 

2、Press key Menu, and then press key ▲ or ▼ to choose, the LCD displays: 

There are four options: OFF
YELLOW
GREEN
RED
3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

Alarm Mode (AL-MOD) ——Menu No. 32

This function can set tone alarm/code alarm/site alarm of the radio.
The operation steps are as follows:
1、In frequency or channel mode, press Menu+32, the LCD displays: 

2、Press key Menu, and then press key ▲ or ▼ to choose, the LCD displays: 

There are three options: SITE ALARM
TONE ALARM
CODE ALARM

3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

Frequency Band Shift (BAND) ——Menu No. 33

In frequency mode, press key BAND can choose frequency band.

RX: 136~174 MHz, UHF: 400~480 MHz
TX: 144~148 MHz, UHF: 420~450 MHz

Dual-watch Operation (TDR-AB) ——Menu No. 34

When this function is on, you may receive signals of A/B channel or frequency.
It also can be used for cross band receiving and transmitting.
The operation steps are as follows:
1、In frequency or channel mode, press Menu+34, the LCD displays: 

2、Press key Menu, and then press key ▲ or ▼ to choose, the LCD displays: 

There are three options:
OFF: "▲" or "▼" will glitter on transmitting frequency band.
A band to transmit in dual-watch code
B band to transimit in dual-watch code
Example: The LCD displays: 

① Choose A means 445.575MHz is the transmitting frequency band, 144.225MHz is the receiving frequency band.
② Conversely, choose B means 144.225 MHz is transmitting frequency band, 445.575MHz is receiving frequency band.
3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

Tail Tone Elimination (STE) ——Menu No. 35

To eliminate the annoying audio called by carrier wave disappearing after the transmitter ends the communication.
The operation steps are as follows:
1、In frequency or channel mode, press Menu+35, the LCD displays: 

2、Press key Menu, and then press key ▲ or ▼ to choose, the LCD displays: 

There are two options :ON
OFF
3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

Tail Tone Elimination In Communication Through Repeater (RP-SET) ——Menu No. 36

This function is that when the radio is through the repeater, the transmitter release PTT to enter receiving condition.
Because of the delay of the repeater, it will receive the noise from repeater to confirm if the repeater is working.
The operation steps are as follows:
1、In frequency or channel mode, press Menu+36, the LCD displays: 

2、Press key Menu, and then press key ▲ or ▼ to choose, the LCD displays: 

OFF: OFF
1、2、3、4、5……10 for prolong time.
3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

NOTE:Pls close this function in normal using,lest affect your normal conversation.

Delay Time Of Tail Tone Elimination In Communication Through Repeater (RPT-RL) ——Menu No. 37

This function is that when the radio use through repeater, the aim is to confirm if the repeater have transferred the signal.
The operation steps are as follows:
1、In frequency or channel mode, press Menu+37, the LCD displays: 

2、Press key Menu, and then press key ▲ or ▼ to choose, the LCD displays: 

OFF: OFF
1、2、3、4、5……10 for prolong time.
3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

NOTE:Pls close this function in normal using,lest affect your normal conversation.

Displays of Power On (PONMSG) ——Menu No. 38

This function can set the display mode when power on.
The operation steps are as follows:
1、In frequency or channel mode, press Menu+38, the LCD displays: 

2、Press key Menu, and then press key ▲ or ▼ to choose, the LCD displays: 

FULL: Full frequency character display
MSG: QUANSHENG logo display.
3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.
4、Setting FULL, the LCD displays:  , Setting MSG, the LCD displays: 

Call End Warning Tone (ROGER) ——Menu No. 39

This function is to make receptor hear a beep when conversation ends.
The operation steps are as follows:
1、In frequency or channel mode, press Menu+39, the LCD displays: 

2、Press key Menu, and then press key ▲ or ▼ to choose, the LCD displays: 

OFF:OFF
ON:ON
3、After setting, press key Menu to confirm, and then press key PTT or Exit to standby.

Reset (RESET) ——Menu No. 40

This function is to set Menu and channel initialization. You can set the desired function and parameter after reset.

VFO-Menu initialization

1、In frequency or channel mode, press Menu+40, the LCD displays: RESET 40 / VFO

2、Press key Menu, and then press key ▲ or ▼ to choose VFO, and then press key Menu again, the LCD displays: RESET 40 / SOURE?

3、Press key Menu, the LCD displays: RESET 40 / WATT

4、Press key Menu to confirm and return to standby automatically.

ALL-Menu and channel initialization

1、In frequency or channel mode, press Menu+40, the LCD displays: RESET 40 / ALL

2、Press key Menu, and then press key ▲ or ▼ to choose ALL, and then press key Menu again, the LCD displays: RESET 40 / SOURE?

3、Press key Menu, the LCD displays: RESET 40 / WATT

4、Press key Menu to confirm and return to standby automatically.

Manually Lock the Keypads

This function can lock the keypads.

1、Press key "#" for more than 2s, the radio will be locked and the LCD displays: 400.875 / 136.225

2、Press key "#" for more than 2s to unlock.

Rapid Alarm (ALARM)

In frequency or channel mode, press CALL key for more than 2s for rapid alarm, the LCD displays: ALARM / 136. 275 Press key PTT to cancel.

NOTE:Alarm mode see Menu No.32.

Jacklight

This function is suitable for night lighting and warning light.
Tap key MON to turn on night lighting.Operate it again to turn on warning light.
Operate it again to turn it off.

Monitor (MON)

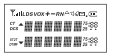
In the same frequency mode, it can monitor.
Press MON key for more than 2s to turn it on. Release MON key to turn it off.

Cable Clone (COPING)

This function can copy one radio's information to another one.
The operation steps are as follows:

1、Connect with the main-radio and sub-radio by cloning cable.

2、Press and hold MON to turn the radio on,the LCD displays:COPING.Press keypad "1",the red light of main-radio glitter and the green light of sub-radio glitter

3、When the red and green light do not glitter,the LCD of sub-radio displays:  or QUAN / SHENG it means it successed in cloning.

Channel/Frequency Mode Conversion (VFO/MR)

Tap VFO/MR key to switch between channel and frequency mode.

TX 1750Hz Call Tone

Press key PTT+BAND to send 1750Hz call tone (This function is for the repeater of European market) .

Reverse Function (R)

When you set different frequencies, tapping "*" key can shift the transmitting and receiving frequency, the LCD displays: 

Example:

1、As above picture the receiving frequency of channel A is 430.875MHz the transmitting frequency is 435.875MHz.

2、Tap "*" key , the receiving frequency is change to 435.875MHz, the transmitting is change to 430.875MHz, the LCD displays: 

NOTE:This function is invalid in the same frequency.

Frequency Scanning

This function can scan the frequency from other radio.

The operation steps are as follows:

1、In frequency mode, press key "*" for more than 2s, it will frequency scan according to setted step frequency.

2、Press key ▲ or ▼ to change the direction of scanning.

3、Press any key to confirm after scanning the signal.

NOTE:Scanning mode see Menu No.18.

Channel Scanning

This function can scan the frequency from other radio.

The operation steps are as follows:

1、In channel mode, press key "*" for more than 2s, it can scan according to the channel you setted.

2、Press key ▲ or ▼ to change the direction of scanning.

3、Press any key to confirm after scanning the signal.

NOTE:Scanning mode see Menu No.18

Search CTCSS/DCS Code

Using this function may search and store the CTCSS/DCS code from other radio .

Example: CTCSS code scanning; the transmitting frequency is 445.255MHz, CTCSS is 88.5Hz

The operation steps are as follows:

1、In frequency mode, press Menu+11, the LCD displays: 

2、Press key Menu, the LCD displays: 

3、Press key "*", the LCD displays: 

4、When other radio transmits, the LCD displays: CT▲ R-CTCS 11 OFF, CT ▲glitter means the radio has entered scanning condition.
5、You can choose CTCSS from 67.0-254.1MHz.
6、After searching the CTCSS code, the radio will beep and stop scanning.
7、After setting, press key MR/VFO to confirm and store, otherwise pressing key PTT or Exit will return to standby mode.

NOTE:1.The operation steps of DCS scanning is the same with CTCSS, except that it needs to press Menu+10 to enter scanning.
2.If CTCSS have not searched the code, you can search using DCS mode.

Cursor "▲" Conversion (A/B)

Directly taping AB key can move the cursor up and down, you can modify or confirm the parameters of the frequency and channel where the cursor indicates.

High/Low Power Fast Conversion

In channel mode, tap "#" key to shift between high and low power.

CTCSS

01	67.0	18	118.8	35	183.5
02	69.3	19	123.0	36	186.2
03	71.9	20	127.3	37	189.9
04	74.4	21	131.8	38	192.8
05	77.0	22	136.5	39	196.6
06	79.7	23	141.3	40	199.5
07	82.5	24	146.2	41	203.5
08	85.4	25	151.4	42	206.5
09	88.5	26	156.7	43	210.7
10	91.5	27	159.8	44	218.1
11	94.8	28	162.2	45	225.7
12	97.4	29	165.5	46	229.1
13	100.0	30	167.9	47	233.6
14	103.5	31	171.3	48	241.8
15	107.2	32	173.8	49	250.3
16	110.9	33	177.3	50	254.1
17	114.8	34	179.9		

DCS

01	D023N	19	D116N	37	D225N	55	D325N
02	D025N	20	D122N	38	D226N	56	D331N
03	D026N	21	D125N	39	D243N	57	D332N
04	D031N	22	D131N	40	D244N	58	D343N
05	D032N	23	D132N	41	D245N	59	D346N
06	D036N	24	D134N	42	D246N	60	D351N
07	D043N	25	D143N	43	D251N	61	D356N
08	D047N	26	D145N	44	D252N	62	D364N
09	D051N	27	D152N	45	D255N	63	D365N
10	D053N	28	D155N	46	D261N	64	D371N
11	D054N	29	D156N	47	D263N	65	D411N
12	D065N	30	D162N	48	D265N	66	D412N
13	D071N	31	D165N	49	D266N	67	D413N
14	D072N	32	D172N	50	D271N	68	D423N
15	D073N	33	D174N	51	D274N	69	D431N
16	D074N	34	D205N	52	D306N	70	D432N
17	D114N	35	D212N	53	D311N	71	D445N
18	D115N	36	D223N	54	D315N	72	D446N

DCS

73	D452N	91	D627N	109	D032I	127	D132I
74	D454N	92	D631N	110	D036I	128	D134I
75	D455N	93	D632N	111	D043I	129	D143I
76	D462N	94	D654N	112	D047I	130	D145I
77	D464N	95	D662N	113	D051I	131	D152I
78	D465N	96	D664N	114	D053I	132	D155I
79	D466N	97	D703N	115	D054I	133	D156I
80	D503N	98	D712N	116	D065I	134	D162I
81	D506N	99	D723N	117	D071I	135	D165I
82	D516N	100	D731N	118	D072I	136	D172I
83	D523N	101	D732N	119	D073I	137	D174I
84	D526N	102	D734N	120	D074I	138	D205I
85	D532N	103	D743N	121	D114I	139	D212I
86	D546N	104	D754N	122	D115I	140	D223I
87	D565N	105	D023I	123	D116I	141	D225I
88	D606N	106	D025I	124	D122I	142	D226I
89	D612N	107	D026I	125	D125I	143	D243I
90	D624N	108	D031I	126	D131I	144	D244I

DCS

145	D245I	163	D346I	181	D464I	199	D662I
146	D246I	164	D351I	182	D465I	200	D664I
147	D251I	165	D356I	183	D466I	201	D703I
148	D252I	166	D364I	184	D503I	202	D712I
149	D255I	167	D365I	185	D506I	203	D723I
150	D261I	168	D371I	186	D516I	204	D731I
151	D263I	169	D411I	187	D523I	205	D732I
152	D265I	170	D412I	188	D526I	206	D734I
153	D266I	171	D413I	189	D532I	207	D743I
154	D271I	172	D423I	190	D546I	208	D754I
155	D274I	173	D431I	191	D565I		
156	D306I	174	D432I	192	D606I		
157	D311I	175	D445I	193	D612I		
158	D315I	176	D446I	194	D624I		
159	D325I	177	D452I	195	D627I		
160	D331I	178	D454I	196	D631I		
161	D332I	179	D455I	197	D632I		
162	D343I	180	D462I	198	D654I		

SPECIFICATIONS

GENERAL	
Frequency range	RX：136~174 MHz, UHF：400~480 MHz TX：144~148 MHz, UHF：420~450 MHz
Memory channel	128 channels
Step frequency	2.5/6.25/10/12.5/20/25KHz
Rated voltage	DC7.2V(Rechargeable Li-ion battery)
Frequency sensitivity	±2.5ppm
Working temperature	-20℃ ~+50℃
Working manner	Same frequency single operation or different frequency single operation
Antenna impedance	50Ω
Battery capacity	2000mAh
Dimensions	115mmX58mmX35.5mm(Not include antenna)
TRANSMITTER	
Output power	4W/1W
Modulation mode(W/N)	16KΦF3E/11KΦF3E
Maximum frequency deviation(W/N)	≤5KHz/≤2.5KHz
Supurious radiation	≤7.5μW
Adjacent channel selectivity	≤-65dB/≤-60dB
Signal-noice rate(W/N)	≥-45dB/≥-40dB
CTCSS/DCS frequency deviation(W/N)	0.7±0.1KHz/0.4±0.1KHz
Modulation sensitivity	8-12mV
Emission current	≤1.4A (H)
RECEIVER	
Sensitivity	-122dB (12dB SINAD)
Audio power	1W
Audio distortion	＜10%
Intermodulation(W/N)	≥65dB/≥60dB
Adjacent channel selectivity	≥65dB/≥60dB
Spurious rejection	≥65dB
Receiving current	≤380mA

All stated specifications are subject to change without notice or obligation