

NEXTECH

2W UHF Transceiver DC1110 User Manual

Use of the citizen band radio service is licensed in Australia by ACMA Radiocommunications (Citizen Band Radio Stations) Class Licence and in New Zealand by MED General User Radio Licence for Citizens Band Radio. Operation is subject to conditions contained in those licences.



⑨ INSTRUCTIONS BEFORE USE

- Do not use a transceiver with damaged antenna, because it might cause slight burns once skin contact carelessly.
- Do not use transceiver or battery charging, when they are under explosive environment (such as gas, dust and smoke etc.).
- When parking at gas station, or being refueling, please turn off the transceiver.
- There are not any reason to modify or adjust the transceiver.
- Do not keep your transceiver by prolonged direct sunlight, as well can not place it near heater machine .
- Do not place the transceiver on where are filled with most dust, damp and water splashing, as well as do not put it on the not unstable surface.
- Repair work only do by the professional technician.
- If it appears that the transceiver diffuses peculiar smell or smoke, please turn off it immediately, and take down battery pack from radio body, then contact with supplier .

Safety:

It is very important for the user to know and recognize the general danger of using the radio.

⑨ MAIN FEATURES

- 80 memory channels
- CTCSS/DCS Function;
- Single call /group call/all call, Remote kill, stun, Activate & Revive
- 2-tone
- FM radio (87-108Mhz)
- Emergency Alarm
- ANI and DTMF Function
- Humanization phone book function
- Powerful programmable keypad function
- VOX function
- English Voice prompt

CONTENT

PREPARATION	01	MENU SHORTCUT SETTING	09
ACCESSORIES	01	FUNCTION OPERATION AND	
CHARGING INSTRUCTION	01	INSTRUCTION.....	10
CHARGE STEPS.....	02	BEEP PROMPT (BEEP).....	10
INSTALL/REMOVE BATTERY PACK	02	SQUELCH LEVEL SETTING (SQL)	10
INSTALL ANTENNA	03	TX POWER SETTING.....	11
INSTALL BELT CLIP	04	VOX FUNCTION SETTING (VOX.SWI)	11
INSTALLING THE OPTIONAL SPEAKER/ MICROPHONE.....	04	POWER-ON DISPLAY (OPN.MSG).....	12
GETTING STARTED	05	REVERSE FREQUENCY SETTING (REV T-R).....	13
DESCRIPTION OF TRANSCEIVER	05	FREQUENCY STEP SETTING (STEP).....	13
LCD DISPLAY	06	OFFSET FREQUENCY SETTING (OFFSET).....	14
BASIC OPERATION	07	DIRECTION OF OFFSET FREQUENCY SETTING (SFT-D)	14
SHORTCUT OPERATION.....	07	RECEIVE CTCSS AND DCS (R-CTDC)	15

TRANSMIT CTCSS AND DCS (T-CTDC)	16
KEYPAD LOCK (LOC.KEY)	17
VOICE PROMPT (VOICE).....	17
CHANNELS DISPLAY MODE (MDF-CH).....	18
SIGNALING OPTIONAL (SIG.OPT)	18
PTT-ID TRANSMITTING (PTT-ID)	19
SCAN ADD AND DELETE (SC.ADD).....	19
SCAN START (SCAN).....	20
OFFSET SETTING (OFFSET)	21

OTHER FUNCTION INSTRUCTION . 23

MANUAL LOCK KEYBOARD.....	23
FM RADIO (FM).....	23
FLASHLIGHT	23
MONITOR FUNCTION (MON).....	24
WIRE CLONE (COPING)	24
CHANNEL/FREQUENCY MODE (VFO/MR)	24

APPENDIX	25
CTCSS Chart	25
DCS Chart.....	26

PREPARATION

► ACCESSORIES

Carefully take out the transceiver from the box. We recommend that confirm the below goods before get rid of the packing.

□ Supplied Accessories

Item	Qty.
Radio	1
Antenna	1
Li-ion Battery pack 3.7V	1
Charger /Adapter	1
Belt Clip	1
User Manual	1
Hang Strap	1

► CHARGING INSTRUCTION

The note of Li-ion battery charging below:

- The battery pack had not charging when

come out the factory, please charging first when you want to use. After the purchase or long-term storage (more than two months), the first to charging the battery pack can not make the battery pack up to its saturation use of capacity. In repeated charging and discharging two, three times, The effect can be achieved the normal charging and battery power.

- Before charging, should turn off the transceiver power. if use the transceiver while it's battery charging, it would badly influence on the battery normally charging.
- The Battery under the normal charging many times, The time of using time is not adding anymore, it mean that life of battery is close to over, should replace new one;
- As calculated, The average time of battery

pack is about 13 hours. The average use time is 5% receive time, 5% transmit time, and 90% standby time.

⚠ CAUTION

- Do not charging the battery pack again, when it's already fully charging before. otherwise it would cause the life of battery pack to shorten, even it may be damaged.
- When it's charging fully, please remove it away charger cup.
- Do not short the battery terminal or dispose of the battery by fire.

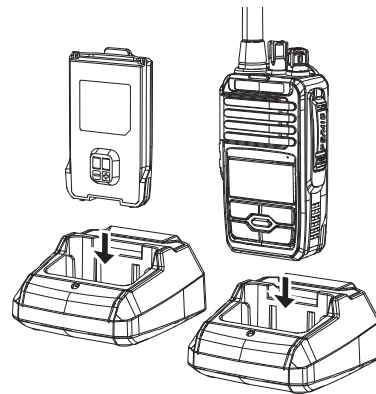
► CHARGE STEPS

The charger plug into the mains of 220V power outlet, the charger indicator green light flashing.

The battery pack or the transceiver with battery pack insert into the charger card slot. (as picture show).

The charger red light flashing to start

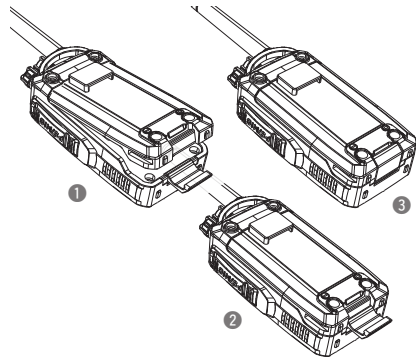
charging. Charging fully then the charger green light flashing, charging end.



► INSTALL/REMOVE BATTERY PACK

When install the battery pack, should match the corresponding location of aluminum frame of transceiver backside, then push into

the battery towards direction. The Buckles on the tail of battery would fasten the battery pack, until can hear “clicking” sound; To remove the battery pack, please turn off the transceiver first. Then press the buckles of the battery, at the same time, the battery will be pushed back, take the battery away;



▶ INSTALL ANTENNA

Install the antenna into the transceiver connector, holding the antenna base and turning it clockwise until secure;

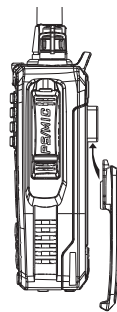


⚠ NOTE

Please do not use the antenna as a handle. The keys or external type loudspeaker microphone hanging on the antenna, which can damage the antenna and lower the transceiver's performance.

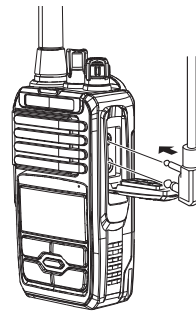
▶ INSTALL BELT CLIP

Belt clip insert into back of battery hole.



▶ INSTALLING THE OPTIONAL SPEAKER/MICROPHONE

Outwardly part the moistureproof rubber of the headphone mouth, insert the speaker/microphone plugs into the speaker/microphone jacks.

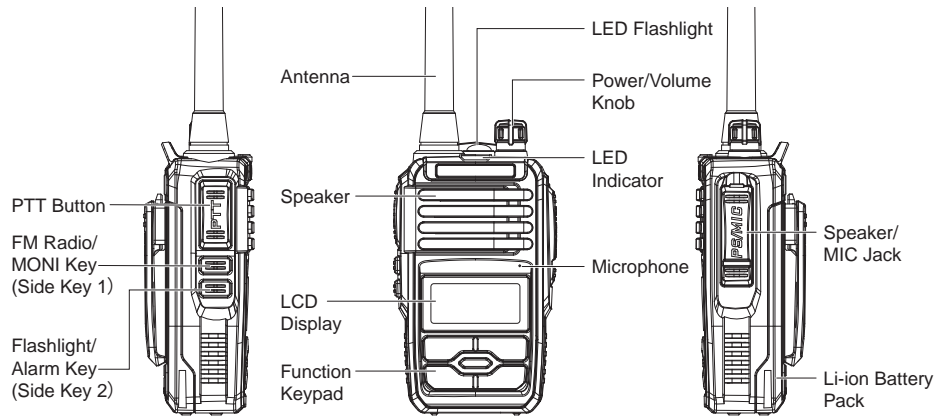


⚠ NOTE

The transceiver is not fully water resistant while using the speaker/microphone.

GETTING STARTED

► DESCRIPTION OF TRANSCEIVER



► LCD DISPLAY

There are various indicate marks displaying on the screen. please refer the below table to learn what the indicate marks:

	CTCSS
	DCS
	VOX Function
	Narrow Band Function
	Battery Capacity display
	Channel No.
	Frequency working/Menu setting
	Keypad Lock
	Frequency Mantissa indicate
	Low Power setting,
	Scan Function

BASIC OPERATION

▶ SHORTCUT OPERATION

❑ PTT

- Push **[PTT]** and speak to microphone to transmitting, Release **[PTT]** when you finish speaking to receiving;

❑ Side key 1 (FM/MONI)

- Short press **[Side key 1]** would turn on Monitor Function, Then Short press again, would turn off it;
- Long press **[Side key 1]** would turn on FM radio Function, Then Long press again, would turn off it;

❑ Side key 2 (Flashlight/Alarm)

- Short press **[Side key 2]** would turn on the Flashlight, Then Short press again, would

turn off it;

- Long press **[Side key 2]** would turn on the Alarm, Then Long press again, would turn off it;

❑ Function Keypad

- **[MENU]**: Short press **[MENU]**, go ahead Menu operation, when operate Menu function, press this key can to menu list and confirm the menu item adjustment;
- **[UP]** / **[DOWN]**: Function selection in the menu and Frequency Setting;
- **[V/M | EXIT]**: Press this key to Exit;

❑ Power Switch/Volume Control

- Turn it clockwise to switch on transceiver; Turn it counterclockwise until a “clicking” sound, that switch off transceiver;

- Turn clockwise would turn up the volume level, turn counterclockwise turn down the volume level;

❑ LED Indicator

- Red light flashing when transmitting;
- Light light flashing when receiving;

❑ Speaker/Microphone Jack Connector

- Used for Earpieces Insert;
- Used for programming cable connection, can programming the frequency via PC software and Software updating;

MENU SHORTCUT SETTING

1. Press the **[MENU]**: go ahead main menu function operation;
2. Press the **[MENU]**: go ahead Sub menu function operation;
3. Press the **[UP]** or **[DOWN]**: adjust every menu functions settings;
4. Press the **[MENU]** to confirm; Press **[V/M | EXIT]** to exit;

NOTE


Under the mode of MR (Frequency Mode), The menu setting is not effect including: CTCSS/DCS Setting; Wide/Narrow Band Setting, PTT-ID Setting;

FUNCTION OPERATION AND INSTRUCTION

► BEEP PROMPT (BEEP)

It is setting function of keys operation sound, when you operation keys would appear “DU” sound.

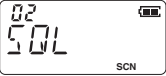
Operation step below:

1. Under the mode of VFO (Frequency Mode) or MR (Channel Mode), Press the **[MENU]**, Press the **[UP]** or **[DOWN]**, Choose Menu 01, LCD Display below:
The image shows a rectangular LCD display with a black background. At the top left, the number '01' is displayed. Below it, the word 'BEEP' is shown in a large, stylized, white font. At the bottom right, the letters 'SCN' are visible. There is a small battery icon in the top right corner.
2. Then press **[MENU]** again to operating, Press **[UP]** or **[DOWN]** again to choose ON or OFF;
3. Finally press **[MENU]** again to confirm, press **[V/M | EXIT]** to Exit, complete setting and back to standby mode;

► SQUELCH LEVEL SETTING (SQL)

It is can turn on or turn off the squelch, when the transceiver up to certain signal strength;

Operation step below:

1. Under the mode of VFO, Press the **[MENU]**, Press the **[UP]** or **[DOWN]**, Choose Menu 02, LCD Display below:
The image shows a rectangular LCD display with a black background. At the top left, the number '02' is displayed. Below it, the word 'SQL' is shown in a large, stylized, white font. At the bottom right, the letters 'SCN' are visible. There is a small battery icon in the top right corner.
2. Then press **[MENU]** again to operating, Press **[UP]** or **[DOWN]** again to choose Squelch Level; have 10 level from “0” to “9” different level, “0” is the lowest level, and “9” is the highest level;
3. Finally press **[MENU]** again to confirm, then press **[V/M | EXIT]** to Exit, complete setting and back to standby mode;

⚠ NOTE

If choose the higher level of Squelch may cause the signal too weaker to can not receiving; but choose the lower level of Squelch would cause noise and disturb by others extraneous signal (suggest that level 3~5 is best choose)

► **TX POWER SETTING**

This function can choose the High/Low power output of transceiver;

Operation step below:

1. Under the mode of VFO, Press the **[MENU]**, Press the **[UP]** or **[DOWN]**, Choose Menu 03, LCD Display below:
2. Then press **[MENU]** again to operating, Press **[UP]** or **[DOWN]** again to choose High or Low Power;
3. Finally press **[MENU]** again to confirm, then press **[V/M | EXIT]** to Exit, complete setting and back to standby mode;



⚠ NOTE

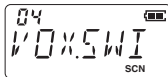
Selecting High/Low power can improve the quality of communication, Low power can lower the radiation and reduce waste the battery power;

► **VOX FUNCTION SETTING (VOX.SWI)**

Open this function, when transceiver receive the signal, the transceiver system can detected what we speak to microphone, will switch over transmit mode, do not need manual operation. it's more convenient for user who use the microphone; and LCD display will appear "VOX" mark;

Operation step below:

1. Under the mode of VFO, Press the **[MENU]**, Press the **[UP]** or **[DOWN]**, Choose Menu 04, LCD Display below:
2. Then press **[MENU]** again to operation,



Press **[UP]** or **[DOWN]** again to choose of VOX Level; "OFF" is turn off, (10) is lowest level, (1) is highest level;

3. Finally press **[MENU]** again to confirm, then press **[V/M | EXIT]** to Exit, complete setting and back to standby mode;

⚠ NOTE

The VOX level is more higher, and the sensitivity of Microphone would more higher; Under the mode of scan function and FM radio function, it is not effect for open VOX function, kindly noted;

► **POWER-ON DISPLAY (OPN.MSG)**

it can set the display mode when open the transceiver;

Operation step below:

1. Under the mode of VFO or MR, Press the **[MENU]**, Press the **[UP]** or **[DOWN]** to Choose Menu 05, LCD Display below:



2. Then press **[MENU]** again to operating, Press **[UP]** or **[DOWN]** again to choose the display mode; Choose "ON", "MSG" AND "OFF" to Display select;

Total three display mode below:

- **OFF:** Display All frequency
- **MSG:** Display Message Edited
- **DC:** Display Battery Voltage

3. Finally press **[MENU]** again to confirm, then press **[V/M | EXIT]** to Exit, complete setting and back to standby mode;

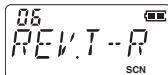
⚠ NOTE

Display content operation by software programming when transceiver opening;

☒ REVERSE FREQUENCY SETTING (REV T-R)

Under the mode of VFO:

1. Press the **[MENU]**,
Then Press the **[UP]**
or **[DOWN]**, Choose
Menu 07, LCD Display below:
2. Then Press **[MENU]** again, so that can finish switchable of the receive and transmit;

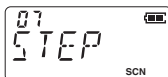


☒ FREQUENCY STEP SETTING (STEP) Under the mode of VFO:

it can choose the steps frequency you want to setting for your transceiver;

Operation step below:

1. Press the **[MENU]**,
Press the **[UP]** or
[DOWN], Choose
Menu 08, LCD Display below:
2. Then press **[MENU]** again to operating,
Press **[UP]** or **[DOWN]** again to choose the steps frequency; Total have 10 type step frequency optional, including 2.5/5.0/6.25/10.0/12.5/15/20/25/30/50/100KHz;
3. Finally press **[MENU]** again to confirm, then press **[V/M | EXIT]** to Exit, complete setting and back to standby mode;



☒ NOTE

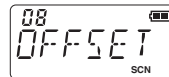
Under the Channels Mode, it it not effect to setting this function;

☒ OFFSET FREQUENCY SETTING (OFFSET) Under the mode of VFO:

it set offset frequency between receiving and transmitting, Usually used by others radio station, the range of offset frequency is 0-399.95MHz;

Operation step below:

1. Press the **[MENU]**,
Press the **[UP]** or
[DOWN], Choose
Menu 09, LCD Display below:
2. Then Press **[MENU]** to operating, Press **[UP]** or **[DOWN]** again to choose the offset frequency;
3. Finally press **[MENU]** again to confirm, Press **[V/M | EXIT]** to Exit, complete setting and back to standby mode;



☒ NOTE

kindly refer to the part of Direction of offset frequency setting (SFT-D)

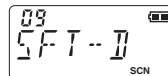
☒ DIRECTION OF OFFSET FREQUENCY SETTING (SFT-D) Under the mode of VFO:

Under the mode of VFO:

It is one method for different frequency (High/Low) of transmitting and receiving, suit for use with repeater and radio station;

Operation step below:

1. Press the **[MENU]**,
Press the **[UP]** or
[DOWN], Choose
Menu 10, LCD Display below:
2. Then Press **[MENU]** to operating, Press **[UP]** or **[DOWN]** again to choose the Direction of offset frequency Mode; Total Three mode below:
☒TX frequency > RX frequency: Positive offset (+)
☒TX frequency < RX frequency: Negative offset (-)
☒Turn off



3. Finally press **[MENU]** again to confirm, then press **[V/M | EXIT]** to Exit, complete setting and back to standby mode;

☒ **NOTE**


Should setting correct the direction of offset frequency according the repeater and radio station. This function is not effect setting under the channel mode;

☒ **RECEIVE CTCSS AND DCS (R-CTDC)**

Under the mode of VFO:

it can setting private limit, and prevent others disturb and others radio matching the signal code, and the LCD display will appear the “CT” or “DCS” mark;

Operation step below:

1. Under the VFO mode, Press the **[MENU]**, Press the **[UP]** or **[DOWN]**, Choose Menu 11, LCD Display below:

2. Then Press **[MENU]** to operating, Press **[V/M | EXIT]**] to choose the mode, Total Three mode below:
☒CT: 67.0-254.1Hz;
☒DCS: D023N-D754N/D023i-D754i;
☒OFF

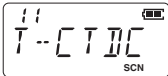
3. Next press **[UP]** or **[DOWN]** to choose the level of CTCSS or DCS;
4. Finally Press **[MENU]** again to confirm, then Press **[V/M | EXIT]** again to Exit, complete setting and back to standby mode;

☒ **TRANSMIT CTCSS AND DCS (T-CTDC)**

Under the mode of VFO:


it can setting private limit, and prevent others disturb and others radio matching the signal code, and the LCD display will appear the “CT” or “DCS” mark;

Operation step below:

1. Under the VFO mode, Press the **[MENU]**, Press the **[UP]** or **[DOWN]**, Choose Menu 12, LCD Display below:


2. Then Press **[MENU]** to operating, Press **[V/M | EXIT]**] to choose the mode, Total Three mode below:
☒CT: 67.0-254.1Hz;
☒DCS: D023N-D754N/D023i-D754i;
☒OFF
3. Next press **[UP]** or **[DOWN]** to choose the level of CTCSS or DCS;
4. Finally Press **[MENU]** again to confirm, then Press **[V/M | EXIT]** again to Exit, complete setting and back to standby mode;

☒ **KEYPAD LOCK (LOC.KEY)**

It is the method of Lock transceiver keypad, if keypad locked, LCD display would appear “

Operation step below:

1. Under the mode of VFO or MR, Press the **[MENU]**, Press the **[UP]** or **[DOWN]**, Choose Menu 13, LCD Display below:



2. Then Press **[MENU]** again to operating, then Press **[UP]** or **[DOWN]** to choose the method of Lock keypad; Total three method:

- ☒MANU: Manual Lock Keypad;
 - ☒AT 5/10/20/30: Setting the time after locked, Not save the lock mode;
 - ☒ATS 5/10/20/30: Setting the time after locked, Not save the lock mode.
3. Finally Press **[MENU]** again to confirm, Press **[V/M | EXIT]** again to Exit, complete

setting and back to standby mode.

☒ **VOICE PROMPT (VOICE)**

Open this function, the transceiver have Voice Prompt, it is more convenient for user operation.

Operation step below:

1. Under the mode of VFO or MR, Press the **[MENU]**, Press the **[UP]** or **[DOWN]**, Choose Menu 14, LCD Display below:



2. Then Press **[MENU]** again to operating, then Press **[UP]** or **[DOWN]** to choose the Voice Prompt Mode, Total 3 Mode below:

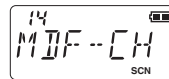
- ☒ENG: Open English Voice prompt Function;
- ☒OFF: Turn off Voice Prompt Function;

3. Finally Press **[MENU]** again to confirm, then Press **[V/M | EXIT]** again to Exit, complete setting and back to standby mode.

☒ **CHANNELS DISPLAY MODE (MDF-CH)**

it can setting channels Display Mode:

1. Under the standby mode, Press the **[MENU]**, Press the **[UP]** or **[DOWN]**, Choose Menu 15, LCD Display below:



2. Then Press **[MENU]** again to setting, Press **[UP]** or **[DOWN]** to choose the display Mode, Total 3 Mode below:

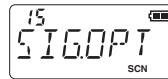
- ☒VFO: Full Frequency Display Mode;
 - ☒CHANNE: Channel Number Mode;
 - ☒VFO.CH: Channel frequency Mode;
3. Finally Press **[MENU]** again to confirm, then Press **[V/M | EXIT]** again to Exit,

complete setting and back to standby mode.

☒ **SIGNALING OPTIONAL (SIG.OPT)**

Operation step below:

1. Under the mode of VFO, Press the **[MENU]**, Press the **[UP]** or **[DOWN]**, Choose Menu 16, LCD Display below:



2. Press **[MENU]** again to setting, then Press **[UP]** or **[DOWN]** to choose the mode of Signaling optional; Total three mode be-low:

- ☒OFF: Turn off DTMF / 2 TONE
- ☒DTMF: Turn on DTMF
- ☒TONE: Turn on 2 TONE

3. Finally Press **[MENU]** again to confirm, then Press **[V/M | EXIT]** again to Exit, complete setting and back to standby mode;

☒ PTT-ID TRANSMITTING (PTT-ID)

It is press PTT to transmitting or loose PTT to send the voice of the dual tone multiple frequency code;

Operation step below:

1. Under the mode of VFO, Press the



[MENU], Press

the [UP] or [DOWN], Choose Menu 17, LCD Display below:

2. Then Press [MENU] again to operating, then Press [UP] or [DOWN] to choose the mode of PTT-ID; Total 4 mode below:

☒OFF: Turn off, Press PTT and Not Send the code

☒BOT: Press PTT to send the code (The code programming by software)

☒EOT: Loose PTT to send the code

☒BOTH: Press and Loose PTT, Both to send the code

3. Finally Press [MENU] again to confirm,

then Press [V/M | EXIT] again to Exit, complete setting and back to standby mode

☒ NOTE

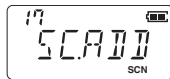
Please turn off this function if you want to normal use the transceiver, otherwise would influence on the transceiver using normally;

☒ SCAN ADD AND DELETE (SC.ADD)

It is adding or deleting the scan function;

Operation step below:

1. Under the mode of VFO, Press the



[MENU], Press

the [UP] or [DOWN], Choose Menu 18, LCD Display below:

2. Then Press [MENU] again to operating, Press [UP] or [DOWN] to choose the scan Adding or Deleting:

☒ADD: Scan Adding;

☒DEL: Scan Deleting;

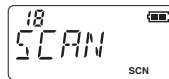
3. Finally Press [MENU] again to confirm, then Press [V/M | EXIT] again to Exit, complete setting and back to standby mode.

☒ SCAN START (SCAN)

It is start the scan function;

Operation step below:

1. Under the mode of VFO or MR, Press



the [MENU], Press

the [UP] or [DOWN], Choose Menu 19, LCD Display below:

2. Then Press [MENU] again to Start Scan;

3. Finally Press [MENU] again to confirm, then Press [V/M | EXIT] again to Exit, complete setting and back to standby mode.

☒ OFFSET SETTING (OFFSET)

It can initialize of Menu function and Channels setting, After Initialize can setting the parameter according the personal demands;

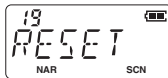
Two Mode:

☒VFO: Menu Initialize

☒Full: Menu and Channels Initialize;

VFO—Menu Initialize:

1. Under the mode of VFO or MR, Press the **[MENU]**, Press the **[UP]** or **[DOWN]**, Choose Menu 22, LCD Display below:
2. Press **[MENU]** again. Press **[UP]** or **[DOWN]** to choose VFO, Then Press **[MENU]** again, LCD Display “SUCCESS”;
3. The Transceiver would re-start Automatic, Then back to the Standby mode.

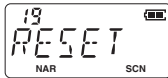


☒ NOTE

Operation this function, All Menu function would restore to the factory status;

FULL—Menu And Channels all Initialize:


1. Under the mode of VFO or MR, Press the **[MENU]**, Press the **[UP]** or **[DOWN]**, Choose Menu 22, LCD Display below:
2. Press **[MENU]** again. Press **[UP]** or **[DOWN]** to choose FULL, Then Press **[MENU]** again, LCD Display “_____”
3. Then Press **[MENU]** with 6 times, That is default Input password “000000”;
4. After Initialize, would automatic back to the Standby mode;



OTHER FUNCTION INSTRUCTION

☒ MANUAL LOCK KEYBOARD

Open this function. Then Keyboard can not Operation;

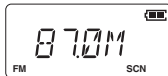
1. Press **[V/M | EXIT]** more than 1.5 seconds, Then keyboard is locked. and LCD display will appear “”;
2. If cancel, Press **[V/M | EXIT]** more than 1.5 seconds again, The keyboard would unlock;

☒ FM RADIO (FM)

Can hear the frequency of broadcast radio station. frequency range: 87-108Mhz;

Operation steps below:

1. Under mode of VFO or MR, Long Press **[SIDE KEY 1]** (MONI),LCD display below:



2. Press **[UP]** or **[DOWN]**, manual adjust the FM radio frequency;
3. Press **[V/M | EXIT]** repeatedly, can automatic search the available radio station;
4. Long press **[SIDE KEY 1]** (MONI) to exit;

☒ NOTE

When hear FM radio. receiving the signal. The LCD display would switch to frequency or Channel Mode automatic, go ahead normal received and transmit, when the signal disappear. Switch to FM radio mode automatic;

☒ FLASHLIGHT

This function is used for night lighting; Short press **[SIDE KEY 2]** (CALL) to turn on flashlight,short Press **[SIDE KEY 2]** (CALL) again to turn off flashlight;

☒ MONITOR FUNCTION (MON)

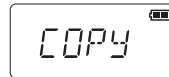
Under the same Frequency mode, can monitor to the signal from others people; Short press **[SIDE KEY 1]** (MONI) to turn off monitor function. Short press **[SIDE KEY 1]** (MONI) again to turn off monitor function;

☒ WIRE CLONE (COPING)

This function can coping all setting function copy to others transceiver;

Operation steps below:

- 1.Connecting two sets transceiver by professional clone cable;
- 2.Press **[MENU]** and PTT to turn on transceiver. LCD display below:
- 3.Press **[MENU]** again. output one would flash red light (correct one). input one would flash green light;
- 4.When red light and green light stop,input



one would re-start automatic;

☒ CHANNEL/FREQUENCY MODE (VFO/MR)

Press **[V/M | EXIT]** to switch over Frequency mode and Channel mode;

APPENDIX

☒ CTCSS Chart

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

☒ DCS Chart

1	D023N	19	D116N	37	D225N	55	D325N	73	D452N	91	D627N
2	D025N	20	D122N	38	D226N	56	D331N	74	D454N	92	D631N
3	D026N	21	D125N	39	D243N	57	D332N	75	D455N	93	D632N
4	D031N	22	D131N	40	D244N	58	D343N	76	D462N	94	D654N
5	D032N	23	D132N	41	D245N	59	D346N	77	D464N	95	D662N
6	D036N	24	D134N	42	D246N	60	D351N	78	D465N	96	D664N
7	D043N	25	D143N	43	D251N	61	D356N	79	D466N	97	D703N
8	D047N	26	D145N	44	D252N	62	D364N	80	D503N	98	D712N
9	D051N	27	D152N	45	D255N	63	D365N	81	D506N	99	D723N
10	D053N	28	D155N	46	D261N	64	D371N	82	D516N	100	D731N
11	D054N	29	D156N	47	D263N	65	D411N	83	D523N	101	D732N
12	D065N	30	D162N	48	D265N	66	D412N	84	D526N	102	D734N
13	D071N	31	D165N	49	D266N	67	D413N	85	D532N	103	D743N
14	D072N	32	D172N	50	D271N	68	D423N	86	D546N	104	D754N
15	D073N	33	D174N	51	D274N	69	D431N	87	D565N	105	D023I
16	D074N	34	D205N	52	D306N	70	D432N	88	D606N	106	D025I
17	D114N	35	D212N	53	D311N	71	D445N	89	D612N	107	D026I
18	D115N	36	D223N	54	D315N	72	D446N	90	D624N	108	D031I

109	D032I	127	D132I	145	D245I	163	D346I	181	D464I	199	D662I
110	D036I	128	D134I	146	D246I	164	D351I	182	D465I	200	D664I
111	D043I	129	D143I	147	D251I	165	D356I	183	D466I	201	D703I
112	D047I	130	D145I	148	D252I	166	D364I	184	D503I	202	D712I
113	D051I	131	D152I	149	D255I	167	D365I	185	D506I	203	D723I
114	D053I	132	D155I	150	D261I	168	D371I	186	D516I	204	D731I
115	D054I	133	D156I	151	D263I	169	D411I	187	D523I	205	D732I
116	D065I	134	D162I	152	D265I	170	D412I	188	D526I	206	D734I
117	D071I	135	D165I	153	D266I	171	D413I	189	D532I	207	D743I
118	D072I	136	D172I	154	D271I	172	D423I	190	D546I	208	D754I
119	D073I	137	D174I	155	D274I	173	D431I	191	D565I		
120	D074I	138	D205I	156	D306I	174	D432I	192	D606I		
121	D114I	139	D212I	157	D311I	175	D445I	193	D612I		
122	D115I	140	D223I	158	D315I	176	D446I	194	D624I		
123	D116I	141	D225I	159	D325I	177	D452I	195	D627I		
124	D122I	142	D226I	160	D331I	178	D454I	196	D631I		
125	D125I	143	D243I	161	D332I	179	D455I	197	D632I		
126	D131I	144	D244I	162	D343I	180	D462I	198	D654I		

UHF CB radio - What you need to know

A few things to note are the channel allocation. Channels 5 & 35 are reserved for emergency only, and misuse of these channels carries hefty fines or jail time. Besides these, the truckies use channel 40, 18 is the caravan and campers channel. Channels 1-8 and 31-38 are for repeater use, the latest standard states that 41 – 48 and 71 -78 may also become available for repeater operation to supplement the other repeater channels. Presently speech telephony is inhibited on channels 22 and 23 (i.e. data only). Channels 61, 62, and 63 are currently are not activated on all UHF units until approved by the ACMA at sometime in the future.

Distributed by:

TechBrands by Electus Distribution Pty. Ltd.
320 Victoria Rd, Rydalmere
NSW 2116 Australia

Ph: 1300 738 555
Int'l: +61 2 8832 3200
Fax: 1300 738 500

www.techbrands.com

Made in China