

Write Message

Choose write to write your message before sending it.

1. Press [▲ or ▼] key to edit, then press [MENU] key to select.
2. A flashing cursor appears, using the keyboard to input messages, press [▲] key to move to the left one, press [▼] button to the right one, when editing area have content, press the [EXIT] key to delete any useless character, otherwise when editing area without content to return previous interface.
3. After editing the text, press [MENU] to choose to send or save.
4. When editing, user can choose by pressing the [MENU] to clear all edited message, quickly back to previous interface.
5. Choose send message then press [▲ or ▼] key to the alias name or ID, and then press [MENU] key to select. Or Press [▲ or ▼] to manual dialing, and then press [MENU] button, enter your user ID and Press [MENU] to send.
6. The screen shows message, <user or alias name or ID>, confirm sending message.
7. If the messages sent successfully, issued a prompt sound, and the screen displays text message has been sent. Or if the message was not sent, issued a high tone hint sound, and screen displays text message sent failure.

Managing the Sent Items

Once a message has sent to another radio, it will be saved in the "Sent Items". After message sent, sending message has always been to "Sent Items" at the top of the list. The sent items folder can store up to 50 recently send text messages. After the folder is full, the next send text messages will automatically replace the earlier messages in this folder. Note: press [EXIT] can return to the previous interface at any time.

View Sent Items Text

Using menu function,

1. Press [MENU] to menu mode.
2. Press [▲ or ▼] message, press [MENU] to selection.
3. Press [▲ or ▼] to sent items, press [MENU] to selection.
4. Press [▲ or ▼] to required message, press [MENU] to selection.

Sending Sent Message

When view the Sent Items, you can choice the following,

- Resend
 - Forward
 - Delete
1. When view the message, press [MENU] again.
 2. Press [▲ or ▼] to resend, press [MENU] to select.
 3. The screen showing send to: <User / Call group name or ID>, confirm the message is ready sending to same goal radio.
 4. If the message send success, the radio will appear the voice, and screen showing message sent out. Or If the message send failure, the radio will appear the high voice, and screen showing message sent failure. The screen will return the resend one, press [MENU] to resend the message to the same User / Call group name or ID.
- Select edit, before sending edit the required message.
 - Select delete, delete required message.

Receive Message

When your radio on receiving message, the screen in left will show message icon for sending name or ID.

When receive message, you can choice the following,

- View
- Delete

Note: If you press the [PTT] key while the radio is displaying the prompt screen, the radio exits the Message prompt screen.

View message

1. Press [▲ or ▼] to view, press [MENU] to selection.
2. Open the required message in the receiver box.
3. Press [EXIT] to return the In Box, press [MENU] to reply, forward or delete message, Press [▲ or ▼] to view, or delete screen.
 - Select view the screen before return received message.
 - Select delete, delete received message.

Administrate Received Message

Using the inbox to administrate, the receiver box will store 50 messages.

Radio support the following function,

- Reply
- Forward
- Delete

According to the recently received message to store message which on the receive box.

Attention: anytime Press [EXIT] can be return the Previous screen.

View the Message In the In Box

1. Press [MENU] to menu mode.
2. Press [▲ or ▼] to message, press [MENU] to selection.
3. Press [▲ or ▼] to InBox, press [MENU] to selection.
4. Press [▲ or ▼] to check message.
5. Press [MENU] select the current message to edit, then press [MENU] again to reply, delete or forward message.

Reply the InBox message

Using menu function,

1. Press [MENU] to menu mode.
2. Press [▲ or ▼] to message, press [MENU] to selection.
3. Press [▲ or ▼] to InBox, press [MENU] to selection.
4. Press [▲ or ▼] to required message , press [MENU] to selection.
5. Re-Press [MENU] to sub-menu.
6. Press [▲ or ▼] to reply, press [MENU] to selection..
7. Screen showing message: confirm on sending message
8. If the message sending succeed, radio appear the voice, and the screen showing message been sent.
Or if the message can not send, screen showing sent failure, if message send failure, radio will return the re-send select.

Delete Message On the Receiver Box

Using menu function,

1. Press [**MENU**] to menu mode.
2. Press [**▲** or **▼**] to message, Press [**MENU**] to selection.
3. Press [**▲** or **▼**] to InBox, Press [**MENU**] to select.
4. Press [**▲** or **▼**] to required message , Press [**MENU**] to selection.
5. Re-press [**MENU**] to sub-menu.
6. Press [**▲** or **▼**] to delete, Press [**MENU**] to selection.
7. Screen return to InBox.

Encryption

If use this function, it will be good for preventing other user in the channel eaves drop which utilize software encryption but can not allow .

Some of the transmit sign and user recognition have not done encryption. Even though the receiving have not required encryption, your radio must turn on the encryption on the channel, then can sending the encryption .

Basic Encryption

Radio could allocate any of the encryption. If it need decode encryption for calling out or data transfer, you must deal the same encryption code with the one on programming and transmitting radio.

If your radio receives encrypted calls with different encryption keys or different key values and key ID, you will hear the messy sound of transmission.

Confidentiality

You can activate or kill any radio. For example, maybe you want to stop one robbed radio, prevent the thief from using it , you can enable it when you get it back.

Attention: when use the radio kill or activate only for the one have these function.

Radio Kill

Using menu function,

1. Press [**MENU**] to menu mode.
2. Press [**▲** or **▼**] to contacts, press [**MENU**] to select, item according the alphabetical order to rank.
3. Press [**▲** or **▼**] to manual dial, Press [**MENU**] to put ID, press [**MENU**] to selection.
4. Press [**▲** or **▼**] to radio kill, press [**MENU**] to select.
5. Screen showing radio remote kill and LED indicator light is red.

Radio Wake Up

Using menu function,

1. Press [**MENU**] to menu mode.
2. Press [**▲** or **▼**] to contacts, press [**MENU**] to select, item according the alphabetical order to rank.
3. Press [**▲** or **▼**] to manual dial, press [**MENU**] to put ID, press [**MENU**] to selection.
4. Press [**▲** or **▼**] to radio wakeup, press [**MENU**] to selection.
5. Screen showing radio wakeup and LED indicator light is red.

Radio ID

Can be set up 32 ID.

1. Press [**MENU**] to menu mode.
2. Press [**▲** or **▼**] to radio ID, press [**MENU**] to selection.
3. Press [**▲** or **▼**] to select, press [**MENU**] to revise ID code, press [**MENU**] to revise ID name.
4. Press [**MENU**] to confirm.
5. Edit ID code or ID name, press [**▲** or **▼**] to move left right character, press [**EXIT**] to delete character.

Radio

1. Press [**MENU**] to menu mode.
2. Press [**▲** or **▼**] to radio, press [**MENU**] to enter.
3. Press [**▲** or **▼**] to select radio frequency or channel, or input the frequency or channel directly with keypad.
4. Press [***SCAN**] to scan, press [**▲** or **▼**] to select up or down scan.
5. Press [**#LOCK**] to open radio monitor, LCD screen shows DW, press [**#LOCK**] twice time to close radio monitor.
6. Press [**MENU**] to close.

Save Radio

1. Press [**MENU**] to menu mode.
2. Press [**▲** or **▼**] to save radio, press [**MENU**] to input.
3. Long press [***SCAN**] about 2 second into memory channel.

4. Press [**▲** or **▼**] to choice required memory channel, press [**MENU**] to confirm.
5. Long press [**EXIT**] to change to channel mode.
6. Re-press [**MENU**] to close.

Start and Stop Scan

Before using scan, you need decide that any condition should be detective radio sign and how to continue scan, with the following three mode,

1. (TO: time operation mode): When the radio detects a signal it will stop scanning and will pause for 5 seconds before scanning again even if the signal is still present.
2. (CO:carrier operation mode): When the radio detects a signal it will stop scanning and will stay on the same frequency and will resume scanning after 5 seconds when the signal ends.
3. (SE: search operation mode): When the radio detects a signal, it will stop on that frequency and will not move on, even if the signal ends..
4. Start scan: press [***SCAN**] about 1 second Press scan state, press [**▲**] to choose up scan, press [**▼**] to choose down scan, press any key to exit scan.

Dual Standby

Short press [**#LOCK**] key to open or close dual standby, when open dual standby, the screen will shows two bands, close it will shows single band and time.

A / B Band Switch

Short press [***SCAN**] key to switch A / B band.

Analog/Digital Mode Switch

Long Press [**EXIT**] key to switch Analog/Digital mode under frequency mode.

Version

Showing Radio Version

1. Press [**MENU**] to menu mode.
2. Press [**▲** or **▼**] to radio version, press [**MENU**] to selection.
3. Screen will appear the current fixed version.

Open Password

Through program software to set up password, password for 6 significant digits.

Initialization

If the radio set up open password, it will not operate this function.

1. Press [**MENU**] and [**EXIT**] to open radio, press initialization selection.
2. Press [**▲** or **▼**] and [**MENU**] to select.

First. Main Set

NO.	Screen Display	Settings	Menu Introduction
01	Squelch	0/1/...9	Squelch Level
02	Save	OFF/1:1/1:2/1:3/1:4	Receiver Power Saving Switch
03	Voice	OFF/ ON	Voice Prompt
04	Vox Delay	0.5S/1.0S/...5.0S	Vox Delay Setting
05	Hang Up	OFF/1S/2S/...10S	Hang Up Calling
06	Tx Channel	EDIT/BUSY 1S...10S	Priority Transmit Channel
07	Key Define		Key Define
08	Backlight	Cont/Auto:1S...20S	Backlight Setting
09	Beep	OFF/ON	Beep Switch
10	Key Lock	Manual/Auto	Keypad Lock Switch
11	CH-Mode	FREQ/NAME/CH	Channel Mode
12	Scan Mode	TO/CO/SE	Scan Mode
13	Save Ch	CH-0001...3000	Save Channel
14	Delete Ch	CH-0001...3000	Delete Channel
15	Roger	OFF/ON	Launch End Tone
16	Time		Time Setting
17	Voice Tail	OFF/ON	Voice Tail Elimination

Squelch Level

The higher level, the deeper squelch.

1. Press [MENU] to menu mode.
2. Press [▲ or ▼] to whole set up, press [MENU] to selection.
3. Press [▲ or ▼] to squelch level, press [MENU] to selection.
4. Press [▲ or ▼] to choice 0/1/2...9, press [MENU] to confirm.
5. The function is available in analog channel.

Save

The greater the proportion of power saving, the more standby power.

1. Press [MENU] to menu mode.
2. Press [▲ or ▼] to Main Set,, press [MENU] to selection.
3. Press [▲ or ▼] to battery save, press [MENU] to selection.
4. Press [▲ or ▼] to choose battery save proportion or close, press [MENU] to confirm.

Voice

Open voice, when you press the keypad will voice prompt.

1. Press [MENU] to menu mode.
2. Press [▲ or ▼] to Main Set, press [MENU] to selection.
3. Press [▲ or ▼] to voice, press [MENU] to selection.
4. Press [▲ or ▼] to choose open or close, press [MENU] to selection.

Vox Delay

1. Press [MENU] to menu mode.
2. Press [▲ or ▼] to whole setting, press [MENU] to selection.
3. Press [▲ or ▼] to VoxDelay, press [MENU] to selection.
4. Press [▲ or ▼] to choose delay time and press [MENU] to confirm.

Hang Up

(available in Digital channel mode only)

a: Digital channel contact selection.

b: Off: When launch should be launch with set up connector.

c: 1S~10S: If in the time range receiver calling by current channel, It should be transmit by the receiver connector. Over the set up time have not transmitted or on receiving, It should be by set up connector.

1. Press [MENU] to menu mode.
2. Press [▲ or ▼] to Main Set, press [MENU] to selection.
3. Press [▲ or ▼] to hang up calling, press [MENU] to selection.
4. Press [▲ or ▼] to choose time or off, press [MENU] to confirm.

Tx. Channel

a: EDIT: Transmit by current working channel.

b: BUSY 1S~10S: Transmit by receive the signal's channel, over the setting time will be transmit by working channel.

1. Press [MENU] to menu mode.
2. Press [▲ or ▼] to Main Set, press [MENU] to selection.
3. Press [▲ or ▼] to Tx.channel, press [MENU] to selection.

4. Press [▲] or [▼] to required message, then press [MENU] to selection.

Key Define

a : Key setting by long & short press function

b : Short press [*SCAN] to change side key 1, side key 2 for short & long selection.

1. Press [MENU] to menu mode.
2. Press [▲] or [▼] to Main Set, press [MENU] to selection.
3. Press [▲] or [▼] to key define, press [MENU] to selection.
4. Press [▲] or [▼] to select, press [MENU] to confirm.

BackLight

1. Press [MENU] to menu mode.
2. Press [▲] or [▼] to Main Set, press [MENU] to selection.
3. Press [▲] or [▼] to backlight, press [MENU] to selection.
4. Screen shows Cont, 1S/2S/3S etc, then press [MENU] to be Cont, the background will not close. If option 1S/2S/3S etc then the screen will be close in the corresponding time without any operation.

Beep

If you need, you can activate and close it.

1. Press [MENU] to menu mode.
2. Press [▲] or [▼] to Main Set, press [MENU] to selection.
3. Press [▲] or [▼] to beep, press [MENU] to selection.
4. Press [▲] or [▼] to select off or on, press [MENU] to confirm.

KeyLock

You can lock the keypad so that prevent the keypad input, contained manual or auto, the self-motion would be lock without any operation.

1. Press [MENU] to menu mode.
2. Press [▲] or [▼] to Main Set, press [MENU] to selection.
3. Press [▲] or [▼] to Keylock, press [MENU] to selection.
4. Press [▲] or [▼] to choose manual or auto, press [MENU] to confirm.
5. Press [#LOCK] to choose lock keypad or unlock.

CH-Mode

a : FREQ: Frequency+ channel number.

b : NAME: Channel name.

c : C H: Channel mode.

Press [MENU] to menu mode.

1. Press [▲] or [▼] to Main Set, press [MENU] to selection.
2. Press [▲] or [▼] to CH-mode, press [MENU] to selection.
3. Press [▲] or [▼] to select, press [MENU] to confirm.

Scan Mode

a : TO : Time operation mode.

b : CO: Carrier operation mode.

c : SE : Search operation mode.

1. Press [MENU] to menu mode.
2. Press [▲] or [▼] to Main Set, press [MENU] to selection.

3. Press [▲] or [▼] to channel scan mode, Press [MENU] to selection.
4. Press [▲] or [▼] to choice, Press [MENU] to confirm.

Save Ch

a : The parameters set in the current band are stored in the channel you want to save.

b : Input the digital directly to choice the channel.

c : CH before the channel no. indicate that current channels have data.

1. Press [MENU] to menu mode.
2. Press [▲] or [▼] to Main Set, press [MENU] to selection.
3. Press [▲] or [▼] to save.CH, press [MENU] to selection.
4. Press [▲] or [▼] to choose or input required channel number by keypad, press [MENU] to confirm.

Delete Ch

a : CH before the channel no. indicate that current channels have data.

b : Input the digital directly to choice the channel.

1. Press [MENU] to menu mode.
2. Press [▲] or [▼] to Main Set, press [MENU] to selection
3. Press [▲] or [▼] to delete.CH, press [MENU] to selection.
4. Press [▲] or [▼] to choice required delete channel no. press [MENU] to confirm.

Roger

Start this function will be appeared voice prompts after finishing transmit.

The function is effective in analog channel mode.

1. Press [MENU] to menu mode.
2. Press [▲] or [▼] to Main Set, press [MENU] to selection.
3. Press [▲] or [▼] to roger, Press [MENU] to selection.
4. Press [▲] or [▼] to choose off or on, press [MENU] to confirm.

Time

1. Press [MENU] to menu mode.
2. Press [▲] or [▼] to Main Set, press [MENU] to selection.
3. Press [▲] or [▼] to time, press [MENU] to selection.
4. Press [*SCAN] to move place, press [▲] or [▼] to choose and change.
5. Press [MENU] to confirm.

Voice Tail

a : OFF means do not decode sound tail code, ON mean decode sound tail code. We suggest ON

b : Programming software [Set ting] has option tail code, option 54.7Hz.

c : This function is effective in analog channel mode only.

1. Press [MENU] to menu mode.
2. Press [▲] or [▼] to Main Set, press [MENU] to selection.
3. Press [▲] or [▼] to VoiceTail, press [MENU] to selection.
4. Press [▲] or [▼] to choose off or on, press [MENU] to confirm.

Two. Channel Setting (Band A Set and Band B Set)

NO.	Screen Display	Settings	Menu Introduction
01	Zone	All Channels/Zone1...256	Zone Select
02	Step	2.5K/5K/...25K	Frequency Step Setting
03	Power	Low/Middle/High	Transmit Power
04	Vox	OFF/ON	VOX Switch
05	Vox Level	1L/2L/...9L	VOX Levels
06	W/N	Narrow/Wide	Wide/Narrow Band Select
07	TOT	OFF/15S/30S/...600S	Time-out Timer
08	C-CDC	OFF/62.5/67...754I	CTCSS/DCS
09	R-CDC	OFF/62.5/67...754I	R-CDC
10	T-CDC	OFF/62.5/67...754I	T-CDC
11	Ch.Name	-1A	Channel Name Edit
12	Busy Lock	OFF!/Code/...Impolite	Busy Lock(Transmit Permission)
13	Shift Up	OFF/Plus/Minus	Frequency Difference Direction
14	Shift Freq	0.000-99.000MHz	Frequency Difference
15	Color Code	0/1...15	Color Code
16	Encrypt Type	OFF/Enhanced/Normal	Encryption Type
17	Encrypt No	1/2/...16	Encryption Numbers

NO.	Screen Display	Settings	Menu Introduction
18	DMR Mode	Direct/Repeater/Double Slot	Working Modes
19	DMR Slot	Slot 1/Slot 2	Time Slot Select
20	Promiscuous	OFF/ON	Cancel Receiving Group Call List
21	RadiolD		Radio ID Select
22	Contacts		Contacts Select
23	Rx List		Receiving Group List

Zone Select

1. Press [**MENU**] to enter the menu.
2. Press [**▲** or **▼**] key to channel setting, then press [**MENU**] to select.
3. Press [**▲** or **▼**] key to zone selection, then press [**MENU**] to select.
4. Press [**▲** or **▼**] key to select, then press [**MENU**] to confirm.

Frequency Step Setting

1. Press [**MENU**] to enter the menu.
2. Press [**▲** or **▼**] key to channel setting, then press [**MENU**] to select.
3. Press [**▲** or **▼**] key to frequency step setting, then press [**MENU**] to select.
4. Press [**▲** or **▼**] key to select, then press [**MENU**] to confirm.

Transmit Power

You can set radio transmit power at HIGH, MIDDLE OR LOW.

According to pre-programmed HIGH, MIDDLE or LOW power select key, change HIGH, MIDDLE or LOW power, using menu function,

1. Press [**MENU**] to enter the menu.
2. Press [**▲** or **▼**] key to channel setting, then press [**MENU**] to select.
3. Press [**▲** or **▼**] key to frequency step setting, then press [**MENU**] to select.
4. Press [**▲** or **▼**] key to select, then press [**MENU**] to confirm.

VOX Switch

This function allows you transmit a hands-free voice call at a pre-programmed radio. Whenever the voice is detected by the microphone which is on the VOX function part, radio will automatically transmit signals during the pre-programmed time.

1. Press [**MENU**] to enter the menu.
2. Press [**▲** or **▼**] key to channel setting, then press [**MENU**] to select.
3. Press [**▲** or **▼**] key to VOX Switch, then press [**MENU**] to select.
4. Press [**▲** or **▼**] key to select, then press [**MENU**] to confirm.

VOX Level

This function allows you transmit a hands-free voice call at a pre-programmed radio. Whenever the voice is detected by the microphone which is on the VOX function part, radio will automatically transmit signals during the pre-programmed time.

1. Press [**MENU**] to enter the menu.
2. Press [**▲** or **▼**] to channel setting, then press [**MENU**] to select.
3. Press [**▲** or **▼**] key to VOX Level, then press [**MENU**] to select.
4. Press [**▲** or **▼**] key to select, then press [**MENU**] to confirm.

Wide / Narrow Band Select

1. Press [**MENU**] to enter the menu.
2. Press [**▲** or **▼**] to channel setting, then press [**MENU**] to select.
3. Press [**▲** or **▼**] key to Wide / Narrow Band Select, then press [**MENU**] to select.
4. Press [**▲** or **▼**] key to select, then press [**MENU**] to confirm.
5. This function can be only available under analog mode.

Time-out Timer (TOT)

Select 15S/30S....600S means transmitting time is 15S/30S....600S... If exceed this time, radio will stop transmitting automatically. Select OFF means set non-limit transmitting time, until PTT key are released and stop transmitting.

1. Press [**MENU**] to enter the menu.
2. Press [**▲** or **▼**] to channel setting, then press [**MENU**] to select.
3. Press [**▲** or **▼**] key to Time-out Timer setting, then press [**MENU**] to select.
4. Press [**▲** or **▼**] key to select, then press [**MENU**] to confirm.

CTCSS/DCS

A: Only analog mode can set CTCSS/DCS.

B: It is both available that set receiving and transmitting at the same time.

C: Press [***SCAN**] key to change CTCSS, DCS positive direction, DCS negative direction, close CTCSS/DCS.

1. Press [**MENU**] to enter the menu.
2. Press [**▲** or **▼**] to channel setting, then press [**MENU**] to select.
3. Press [**▲** or **▼**] key to CTCSS / DCS , then press [**MENU**] to select.

4. Press [***SCAN**] to change CTCSS / DCS frequency, then press [**▲** or **▼**] to select CTCSS/DCS frequency
5. Press [**MENU**] to confirm.

R-CDC

a: Only analog mode can set CTCSS/DCS.

b: Only set receiving is available.

c: Press [***SCAN**] key to change CTCSS, DCS positive direction, DCS negative direction, close CTCSS/DCS.

1. Press [**MENU**] to enter the menu.
2. Press [**▲** or **▼**] to channel setting, then press [**MENU**] to select.
3. Press [**▲** or **▼**] key to R-CDC, then press [**MENU**] to select.
4. Press [***SCAN**] to change CTCSS / DCS frequency, then press [**▲** or **▼**] to select CTCSS/DCS frequency.
5. Press [**MENU**] to confirm.

T-CDC

a: Only analog mode can set CTCSS/DCS.

b: Only set transmitting is available.

c: Press [***SCAN**] key to change CTCSS, DCS positive direction, DCS negative direction, close CTCSS/DCS.

1. Press [**MENU**] to enter the menu.
2. Press [**▲** or **▼**] to channel setting, then press [**MENU**] to select.
3. Press [**▲** or **▼**] key to T-CDC, then press [**MENU**] to select.
4. Press [***SCAN**] to change CTCSS/DCS frequency, then press [**▲** or **▼**] to select CTCSS/DCS frequency.
5. Press [**MENU**] to confirm.

Channel Name Edit

1. Press [**MENU**] to enter the menu.
2. Press [**▲** or **▼**] to channel setting, then press [**MENU**] to select.
3. Press [**▲** or **▼**] key to Channel Name Edit, then press [**MENU**] to select.
4. Press number keys to input, and press [**▲** or **▼**] key to move position.
5. Press [**MENU**] to confirm.
6. This function is only available under channel mode.

Busy Channel Lockout (BCL)

Set BCL under analog mode. OFF: not forbid to transmit. Wave: if carry wave then forbid to transmit. =Code: If CTCSS/DCS codes are match, then forbid to transmit.

Code: If CTCSS/DCS codes are not match, then forbid to transmit.

Set BCL under digital mode. Forbid: transmit is not allowed.

Impolite: transmit impolite(transmit at any time)

Polite CC: If color codes are same, then forbid to transmit.

Polite ALL: if carry wave then forbid to transmit.

1. Press [**MENU**] to enter the menu.
2. Press [**▲** or **▼**] to channel setting, then press [**MENU**] to select.
3. Press [**▲** or **▼**] key to Busy Lock, then press [**MENU**] to select.
4. Press [**▲** or **▼**] key to select, then press [**MENU**] to confirm.

Frequency Difference Direction

1. Press [**MENU**] to enter the menu.
2. Press [**▲** or **▼**] to channel setting, then press [**MENU**] to select.
3. Press [**▲** or **▼**] key to Frequency Difference Direction, then press [**MENU**] to select.

4. Press [▲] or [▼] key to select, then press [MENU] to confirm.
5. This function is only available under frequency mode.

Frequency Difference

1. Press [MENU] to enter the menu.
2. Press [▲] or [▼] to channel setting, then press [MENU] to select.
3. Press [▲] or [▼] key to Frequency Difference, then press [MENU] to select.
4. Press [▲] or [▼] key to select, then press [MENU] to confirm.

Color Code

- a: Only digital mode can set color code, or it is not allowed to use radio.
b: Only same color code to communicate.

1. Press [MENU] to enter the menu.
2. Press [▲] or [▼] to channel setting, then press [MENU] to select.
3. Press [▲] or [▼] key to Color Code, then press [MENU] to select.
4. Press [▲] or [▼] to select, then press [MENU] to confirm.

Encryption Type

- a: Only digital mode can set encryption.
b: It has normal encryption and enhanced encryption 2 types.

1. Press [MENU] to enter the menu.
2. Press [▲] or [▼] to channel setting, then press [MENU] to select.
3. Press [▲] or [▼] key to Encryption Type, then press [MENU] to select.
4. Press [▲] or [▼] to select, then press [MENU] to confirm.

Encryption Numbers

- a: Encryption can be only set under digital channel
b: Communication is available only the encryption type and encryption numbers are same.

1. Press [MENU] to enter the menu.
2. Press [▲] or [▼] to channel setting, then press [MENU] to select.
3. Press [▲] or [▼] key to Encryption Numbers, then press [MENU] to select.
4. Press [▲] or [▼] to select, then press [MENU] to confirm.

Working Modes

There are 3 modes: Direct Mode, Repeater Mode, Real Double Time Slots Mode

a: Direct Mode:

b: Repeater Mode:

c: Real Double Time Slots Mode:

1. Press [MENU] to enter the menu.
2. Press [▲] or [▼] to channel setting, then press [MENU] to select.
3. Press [▲] or [▼] key to Encryption Numbers, then press [MENU] to select.
4. Press [▲] or [▼] to select, then press [MENU] to confirm.
5. This function can be only edited under digital channel.

Time Slots Selection

If real double time slots are activated, radio must be set in a same time slot then communication can be available.

1. Press [MENU] to enter the menu.
2. Press [▲] or [▼] to channel setting, then press [MENU] to select.
3. Press [▲] or [▼] key to Time Slots Selection, then press [MENU] to select.

4. Press [▲ or ▼] to select, then press [MENU] to confirm.
5. This function can be only edited under digital channel.

Cancel Receiving Group Call List

a: when it is on, it means communication is available when receiving any contact.
b: When it is OFF, it means communication is available only when the contacts that received must be in receiving group list first.

1. Press [MENU] to enter the menu.
2. Press [▲ or ▼] to channel setting, then press [MENU] to select.
3. Press [▲ or ▼] key to Cancel Receiving Group Call List, then press [MENU] to select.
4. Press [▲ or ▼] to select, then press [MENU] to confirm.
5. This function can be only edited under digital channel.

Radio ID Selection

Change to select the ready radio ID

1. Press [MENU] to enter the menu.
2. Press [▲ or ▼] key to channel setting, then press [MENU] to select.
3. Press [▲ or ▼] key to radio ID selection, then press [MENU] to select.
4. Press [▲ or ▼] key to select, then press [MENU] to confirm.
5. This function can be only programmed under digital channels.

Contacts Selection

a: You can press upper and down keys to select contacts or input manually.
b: If the contacts that you input is not exist, radio will automatically find adjacent valid contacts.

c: It can be set from [MENU]

- C.1: Save: Save all the selected transmitted contacts.
 - C.2: Local: Change the contacts from address list, and reset the required contacts.
 - C.3: Priority: Change the priority contacts, and reset the required contacts.
 - C.4: OFF: Close transmitted contacts, transmitting is not allowed.
1. Press [MENU] to enter the menu.
 2. Press [▲ or ▼] key to channel setting, then press [MENU] to select.
 3. Press [▲ or ▼] key to contacts selection, then press [MENU] to select.
 4. Press [▲ or ▼] key to select, then press [MENU] to confirm.
 5. This function can be only programmed under digital channels.

Receiving Groups List

a: You can press up and down keys to select contacts or input manually.
b: If the contacts that you input is not exist, radio will automatically find adjacent valid contacts.

c: It can be set from [MENU]

- C.1: Add(Priority): Add priority contacts
 - C.2: Add(Local): Add contacts on the address list.
 - C.3: Delete: Delete the contacts
 - C.4: Detail: View the contacts.
1. Press [MENU] to enter the menu.
 2. Press [▲ or ▼] key to channel setting, then press [MENU] to select.
 3. Press [▲ or ▼] key to receiving group lists, then press [MENU] to select.
 4. Press [MENU] key , and press [▲ or ▼] key to select, then press [MENU] to confirm.
 5. This function can be only programmed under digital channels.