HYDX

Fujian Juston Electronic Equipment Co.,Ltd.
www.hydxradio.com

HYDX

D510

Digital Two-way Radio

User's Manual

DMR
DIGITAL MOBILE RADIO ASSOCIATION

Contents

1.Getting Familiar 01-02
2.Safety 03
3.Overview 04
Turn on Radio 04
Adjust Volume 04
Upgrade Mode 04
4.Launch and Receive Calls 05-11
Zone Select 05
Channel Select 05
Receive and Reply Group Call 05-06
Receive and Reply Private Call 07
Receive All Call 08
Launch Call 08
Use Channel Knob to Launch Call 09-10
Launch Group Call 09
Launch Private Call 09-10
Launch All Call 10
Use the Key of One Touch Access to Launch Group Call or Private Call 10-11
5.Emergency Alarm Function 12-17
Receive Emergency Alarm 13
Reply Emergency Alarm 13-14
Launch Emergency Alarm 14
Launch Emergency Alarm with Call 14-15
Launch Emergency Alarm with Voice to Follow 15-16
Restart Emergency Mode 17
Exit Emergency Mode 17
6.Menu Operation 18-36
Menu Usage 18
Radio Check 18-19
Send the Command of Radio Check 18-19
Remote Monitor 19-20

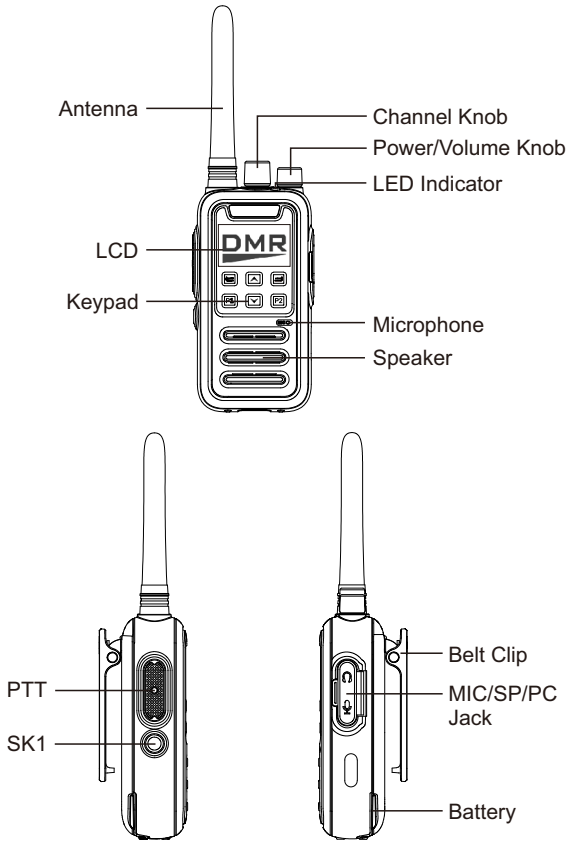
Contents

Turn On Remote Monitor 19-20
Contacts Setting 20-22
Launch Group Call by Contacts 20-21
Launch Private Call by Contacts 21-22
Call Log Function 22-24
View the Number of New Call 22
View Missed Call 23
Delete the Calling in the Call List 22-24
Call Alert Operation 24-25
Receive and Confirm the Call Alert 24
Launch the Call Alert by Contact 24-25
Messages Function 25-28
Send Quick Text 25-26
Use the One Touch Access Key to Send Quick Text 26
View Succeed Messages 26
Manage Succeed Messages 26-27
Delete All Succeed Messages in “Sent Items” 27-28
Receive Messages 28-31
View Messages 28
Manage Received Messages 29
View Messages in Inbox 29
Reply Messages in Inbox 29-30
Delete Messages in Inbox 30-31
Delete All Messages in Inbox 28-31
Privacy Setting 32
Basic Encryption 32
DTMF 32
Kill/Activate 32-34
Radio Disable 33
Radio Enable 33-34
Scan List 34-36
Check the Member in the Scan List 34-35

Contents

Scan Indication and Method 35
Scan On/Off 35-36
Reply Scan 36
7.Utilities 37-47
Radio Setting 37
Talkaround 37-38
Tones/Alerts 38-40
All Tone 38-39
Turn On/Off Talk Permit Tone 39
Turn On/Off Keypad Tone 39-40
Power 40-41
Backlight 41
Squelch 42
Intro Screen 42-43
Keypad Lock 43
Language 43-44
LED Indicator 44
VOX 45
Monitor 45
Radio Information 46-47
My Number 46
Firmware Version 46-47
CPS Version 47
Hardware Version 47
8.Optional Function 48
Record 48
Record On/Off 48
Record Playback 48
Delete All Record 48
Warranty Card 49

1. Getting Familiar



Define the long press and short press function of SK1/P1/P2 by programming software, which including function as following:

1. Unassigned(default)	8. One Touch Access 1	15. Scan On/Off
2. All Alert Tones On/Off	9. One Touch Access 2	16. Tight/Normal Squelch
3. Emergency On	10. One Touch Access 3	17. Privacy On/Off
4. Emergency Off	11. One Touch Access 4	18. VOX On/Off
5. High/Low Power	12. One Touch Access 5	19. Zone Select
6. Monitor	13. One Touch Access 6	20. Battery Indicator
7. Nuisance Delete	14. Repeater/Talkaround	21. Lone Work On/Off

2. Safety

Product safety and RF Exposure for hand-held two-way radio

Before using this two-way radio, please read carefully the attached manual instruction in the random incidental for the safe use of the product.

This radio is limited to professional applications that meet FCC radio-frequency energy requirement. Before using this two-way radio, please read the manual which contains important operating instructions for safe usage, RF Energy/Awareness, control information and operational instructions for compliance with RF Energy Exposure limits in applicable national and international standards. Also read the operational instructions for safe use.

3. Overview

Turn on Radio

Clockwise rotate the volume knob to turn on the radio until hear a sound of “KADA”, and it will make a short prompt tone, the LCD of radio displays the boot interface. The LED indicator lights on green.

⚠**Note:** If the LED indicator is disabled, the green light is not on when opening the radio. But it will make a short prompt tone, indicates that the startup is successful.

⚠**Note:** If the “Tones/Alert” function of the radio is turned off, it will not make startup tone. To turn off the radio, counter-clockwise rotate the volume knob until hear a sound of “KADA”.

Adjust Volume

Clockwise rotate the volume knob to higher the volume or anticlock-wise to lower.

Upgrade Mode

When the radio is in the “Off” status, press the PTT key and SK1 key at the same time, then turn on it, the red light and green light will alternately flash, which means that the radio has entered to the upgrade mode.

4. Launch and Receive Calls

Zone Select

The zone is a channel group, this radio can support 250 zones at most and a maximum of 16 channels can be added for each zone.

Menu Usage:

1. Press the [(☰)] key to enter the menu mode.
2. Press the [(▲▼)] key to “Zone”, then press the [(☰)] key to enter zone list.
3. It will display the current name of zone.
4. Press the [(▲▼)] key to the zone that you need, then press the [(☰)] key to confirm.
5. The LCD will show “Zone Selected”, and back to the main screen.

Channel Select

After the zone is selected (If the radio has many zones), rotate the channel knob to select the channel.

Receive and Reply Group Call

To receive calls from the user group, the radio must be configured to belong to that user group.

When receive the group call:

1. The LED indicator lights on green.

2. In the display area below the top row: the first row displays the ID of the caller, the middle row displays the name of call group, the right displays the icon of group call (only in the digital mode).

3. Hold the radio, let it is in a vertical position and 1 to 2 inches (2.5 to 5.0 cm) away from the mouth.

4. Press the PTT key to reply the calling, the LED indicator will light on red.
5. Release the PTT key to listen.
6. If there is no voice activity during the pre-set time, the calling will finish.

Receive and Reply Private Call

The private call is a call that made from one individual radio to another individual radio. There are two types of private call: first type, it will detect whether there are radios before the call is ready; another type, it is ready to call immediately.

When receive the private call:

1. The LED indicator lights on green.
2. In the display area below the top row: the first row displays the user's name or ID, the middle row displays the private call, the right displays the icon of private call (only in the digital mode).
3. Hold the radio, let it is in a vertical position and 1 to 2 inches (2.5 to 5.0 cm) away from the mouth. If the function of “CH Free Indication Tone” is enabled, when the transmitter releases the PTT key, you will hear a short prompt tone, which means the channel is free and waiting for your reply.
4. Press the PTT key to reply the calling, the LED indicator will light on red.
5. Release the PTT key to listen.
6. If there is no voice activity during the pre-set time, the calling will finish.

Receive All Call

The all call is a call that made from one individual radio to the other radios which in its channel. It is used to make important announcements that require special attention from users.

When receive the all call:

1. The LED indicator lights on green.
2. In the display area below the top row: the first row displays the user's name or ID, the middle row displays the all call, the right displays the icon of all call (only in the digital mode).
3. After the all call finished, the radio will return to the screen which before receiving the all call. If the function of “CH Free Indication Tone” is enabled, when the transmitter releases the PTT key, you will hear a short prompt tone, which means the channel is free, but you cannot reply the all call.

⚠ **Note:** When receiving the all call, if you switch the channel to another one, the radio will stop receiving the all call. And you cannot use any preset programmable key until the calling finished during all call times.

Launch Call

You can use the ways as follow to select one of the channels, user's ID or call group:

- Channel knob
- The preset programmable key of “One Touch Access”
- Contact list

Use Channel Knob to Launch Call

Launch group call

To initiate the calls to the user group, the radio must be configured to belong to that user group.

1. Rotate the channel knob, use the activated group call name or ID to select the channel.
2. Hold the radio, let it is in a vertical position and 1 to 2 inches (2.5 to 5.0 cm) away from the mouth.
3. Press the PTT key to initiate a call, the LED indicator will light on red. And the LCD will display the name or ID and icon of group call.
4. Release the PTT key to listen, when received the reply from target radio, the LED indicator will light on green. The LCD will display the icon, name or ID of group call and the transmitter's name or ID.
5. If the function of “CH Free Indication Tone” is enabled, when the target radio releases the PTT key, you will hear a short prompt tone, which means the channel is free and waiting for your reply. Press the PTT key to answer, or if there is no voice activity during the preset time, the calling will finish.
6. The radio returns to the screen which before receiving the call. You can also initiate the group call by contacts.

Launch Private Call

1. Rotate the channel knob, use the activated user's name or ID to select the channel.
2. Hold the radio, let it is in a vertical position and 1 to 2 inches (2.5 to 5.0 cm) away from the mouth.

3. Press the PTT key to initiate a call, the LED indicator will light on red. In the display area below the top row of screen: the first row displays the name or ID of user, the middle row displays the private call, the right displays the icon of private call (only in the digital mode).
4. Release the PTT key to listen, when received the reply from target radio, the LED indicator will light on green.
5. If the function of “CH Free Indication Tone” is enabled, when the target radio releases the PTT key, you will hear a short prompt tone, which means the channel is free and waiting for your reply. Press the PTT key to answer, or if there is no voice activity during the preset time, the calling will finish.
6. You can also initiate the private call by contacts or quick access the contacts by keyboard, search the target radio that you need.

Launch All Call

This function allows you to send the signal to all users in the channel. The premise is that the radio must be set to allow the function.

1. Rotate the channel knob, use the activated all call's name or ID to select the channel.
2. Hold the radio, let it is in a vertical position and 1 to 2 inches (2.5 to 5.0 cm) away from the mouth.
3. Press the PTT key to initiate the call, the LED indicator will light on red. And the LCD will display the name or ID and icon of all call.

The user who in the channel cannot reply to the all call.

Use the Key of One Touch Access to Launch Group Call or Private Call

The function of one touch access allows you to easily make group or private calls to predefined name or ID. This function can be assigned to the short press key or long press key. And each one touch to access key can be assigned a name or ID, the radio has many programmable keys of one touch access.

1. Press the preset programmable key of one touch access, make a group or private call to predefined name or ID.
2. Hold the radio, let it is in a vertical position and 1 to 2 inches (2.5 to 5.0 cm) away from the mouth.
3. Press the PTT key to initiate the call, the LED indicator will light on red. The LCD will display the name or ID of call group/user and the group/private call's icon.
4. Release the PTT key to listen, when received the reply from target radio, the LED indicator will light on green.
5. If the function of “CH Free Indication Tone” is enabled, when the target radio releases the PTT key, you will hear a short prompt tone, which means the channel is free and waiting for your reply. Press the PTT key to answer, or if there is no voice activity within the pre-set time, the calling will finish.
6. The radio returns to the screen which before receiving the call.

5. Emergency Alarm Function

The emergency alarm mode is used to indicate that in an emergency, you can activate the emergency alarm at any time or in any screen, even if there is activity on the current channel.

The radio supports three types of alarm mode:

Emergency Alarm

Emergency Alarm w/Call (Emergency alarm with call)

Emergency Alarm w/Voice To Follow (Emergency alarm with voice to follow)

In addition, it also contains four alarm types:

Disabled: The radio cannot launch the signal of alarm, but it can receive the alarm from other radios.

Regular: The radio can launch the signal of alarm and receive the incoming calls. Before you press the PTT key to initiate a call or receive a incoming call, it will have the prompt of voice or visual.

Silence: The radio launches a signal of alarm, there are no any voice or visual prompt. Before you press the PTT key to initiate a call, this radio cannot receive the calling from the target radio.

Silence w/Voice (Silence with Voice): The radio can launch the signal of alarm and receive the incoming calls. Before you press the PTT key to initiate a call or receive a incoming call, there are no any voice or visual prompt.

Only one of the above emergency alarms can be assigned to the preset programmable emergency call key.

Receive Emergency Alarm

1. When receiving the emergency alarm, the number and type of alarm will alternate with the transmitter's name or ID.
2. It will make a prompt tone, and the LED will light on red.
3. If activated, your radio will automatically confirm an emergency alarm. When the radio receiving the emergency alarm, the LCD will display a notification that an emergency alarm has been received until confirmation is sent and you exit emergency mode. At this time, the radio will not receive any other prompts or display any other calls until you exit the screen of receiving emergency alarm.

⚠ **Note:** Short press the key of [ ] , then press the preset programmable “emergency off” key to delete the prompts of receiving emergency alarm and exit the alarm mode.

Reply Emergency Alarm

When receiving the emergency alarm:

1. Press any key to stop all prompts of incoming emergency alarm.
2. Hold the radio, let it is in a vertical position and 1 to 2 inches (2.5 to 5.0 cm) away from the mouth. If the function of “CH Free Indication Tone” is enabled, when the transmitter releases the PTT key, you will hear a short prompt tone, which means the channel is free.
3. Press the PTT key to initiate a call with the radio who launched an emergency call. The LED indicator will light on red and the radio will be in the mode of emergency call.
4. Release the PTT key to listen, when received the reply from transmitter, the LED indicator will light on green. You will see the icon & ID of the group call and the transmitter's ID.

5. When the call is over, short press the key of [ ], then press the preset programmable “emergency off” key to delete all prompts of receiving emergency alarm and exit the alarm mode.
6. The radio returns to main screen.

Launch Emergency Alarm

This function allows you to launch the emergency alarm, it's a non-voice signal that will trigger an alert on another radio.

1. Press the “emergency on” preset programmable key.
2. The screen displays “Emergency”, and it will alternate with the radio's ID. The LED indicator lights on red.
3. When the confirmation of emergency alarm is received, it will make the prompt tone of emergency call, the LED indicator lights on green. And the screen will display “emergency alarm succeeded”. Or if the radio doesn't receive any confirmation of emergency alarm, and after all numbers of retry have been used up, it will make a prompt tone, the screen will display “emergency alarm failed”.
4. The radio exit the mode of emergency alarm, and returns to the main screen. If your radio is set to “Silent”, it will not display any voice or visual prompt in the emergency call mode.

Launch Emergency Alarm with Call

This function allows you to launch the emergency alarm, it's a non-voice signal that will trigger a prompt on another radio.

1. Press the “emergency on” preset programmable key.
2. The screen displays “Emergency”, and it will alternate with the radio's ID. The LED indicator lights on red.

3. When the confirmation of emergency alarm is received, it will make the prompt tone of emergency call, the LED indicator lights on green. And the screen will display “emergency alarm succeeded”.
4. Hold the radio, let it is in a vertical position and 1 to 2 inches (2.5 to 5.0 cm) away from the mouth.
5. Press the PTT key to initiate a call, the LED will light on red, and the icon of the group call will appear in the screen.
6. Release the PTT key to listen.
7. If the function of “CH Free Indication Tone” is enabled, when the target radio releases the PTT key, you will hear a short prompt tone, which means the channel is free and waiting for your reply. Press the PTT key to answer, or press the “emergency off” key to exit the emergency mode.
8. The radio returns to the main screen. If this radio is set to “Silent”, it will not display any voice or visual prompt in the emergency call mode, and it also cannot receive any response(calls) from the target radio until your press PTT key to initiate the calling. If your radio is set to “Silence w/Voice”, it will not display any voice or visual prompt in the mode of emergency call or when you receive the calling from the target radio. The prompt will display only when your press PTT key to initiate or answer the calling.

Launch Emergency Alarm with Voice to Follow

This function allows you to launch an emergency alarm to another radio. After confirmation, the microphone of your radio will activate automatically, it allows you to talk with other radios without pressing the PTT key. This state of activated microphone is called "emergency microphone". If the PTT key is pressed during the preset

programmed emergency microphone is launching, the radio will ignore the pressed PTT and remain in emergency mode.

⚠**Note:** If you press the PTT key during the “emergency microphone”, and continue to press the key after the duration of emergency microphone ends, the radio will continue to transmit until you release the PTT key.

1. Press the “emergency on” preset programmable key.
2. The screen displays “Emergency”, and it will alternate with the radio's ID. The LED indicator lights on red.
3. When the screen displays “emergency alarm succeeded”, you can talk to the microphone. After the emergency microphone is activated, the radio will automatically transmit the signal without pressing PTT key until the time of emergency microphone ends.
4. The LED will light on red and the “emergency call” will display in the screen when the radio is transmitting.
5. After the duration of emergency microphone ends, the radio will automatically stop transmitting the signal. If you want to transmit again, press the PTT key. When the radio is set to “Silent”, it will not display any voice or visual prompt in the emergency call mode, and it also cannot receive any response from the target radio until the time of preset programmed emergency microphone has ended and you press the PTT key. If your radio is set to “Silence w/Voice”, in the mode of emergency call, when you use the microphone of emergency call to initiate the calling, or when the time of preset programmed emergency microphone has ended, the target radio responding, it will not display any voice or visual prompts. Only when your press the PTT key, these prompts can appear.

⚠ **Note:** If the request of emergency alarm failed, the radio will return to the main screen.

Restart Emergency Mode

There are two scenarios in which this can occur:

When the radio is in the emergency mode, switch channel will exit this mode. If you activate the emergency alarm of new channel, the radio will restart the calling.

Press the preset programmed “emergency on” key during the emergency call starts/transmits. It will cause the radio exits the state, and restarts the emergency call.

Exit Emergency Mode

When occur one of scenarios as follow, the radio will exit the emergency mode:

Receive the confirmation of emergency alarm(for emergency alarm only)

Has reached the maximum attempts of transmitting alarm.

Press the preset programmed “emergency off” key

Press the PTT key

⚠ **Note:** If turn off the radio, it will exit the emergency mode. When turn on the radio again, it will not restart emergency mode.

6. Menu Operation

Menu Usage

1. Press the [ ] key to enter the menu mode, then press the key of [ ] to access menu function.
2. Press the [ ] key to select a function or enter a sub menu.
3. Press the [ ] key to return the upper-level menu.

⚠ **Note:** If the radio is not activated for a period of time, it will automatically exit the menu and return to the main screen (the hang time can set by the programming software).

Radio Check

Radio check allows user to determine whether there is other radio in a state of activity in the system, and the target radio will not be disturbed, there are no voice or visual notification appear in it. The function only suitable for the user's name or ID.

Send the Command of Radio Check

Menu Usage:

1. Press the [ ] key to enter the menu mode.
2. Press the [ ] key to “Contacts”, then press the [ ] key to confirm, it will appear the option of “Contacts List”, press the [ ] key again to select it.
3. Press the [ ] key to the user name or ID that you need, then press the [ ] key to confirm.
4. Press the [ ] key to “Radio Check”, then press the [ ] key to confirm.
5. The screen will show “Radio Check: < user name or ID >”, which means it is detecting the radio now. The LED indicator lights on red.

6. Wait for confirmation.
7. If the target radio is in a state of activity, it will make a prompt tone, the screen briefly shows that “Target Radio Available”. Or if the target radio is not in a state of activity, it will make a prompt tone, the screen briefly shows that “Target Radio Not Available”.
8. The radio returns to the screen of user name or ID. If you press the [ ] key when waiting for confirmation, it will make a prompt tone and stop all of retries, exit the mode of radio check.

Remote Monitor

Use the function of remote monitor to turn on the target radio's microphone (only user name or ID). You can use this function to remote monitor any voice activities around the target radio.

Turn On Remote Monitor

Menu Usage:

1. Press the [ ] key to enter the menu mode.
2. Press the [ ] key to “Contacts”, then press the [ ] key to confirm, it will appear the option of “Contacts List”, press the [ ] key again to select it.
3. Press the [ ] key to the user name or ID that you need, then press the [ ] key to confirm.
4. Press the [ ] key to “Remote Monitor”, then press the [ ] key to confirm.
5. The radio will make a prompt tone, the LED will light on red.
6. Wait for confirmation.
7. The screen shows that the “Remote Monitor Succeed”. Or it shows that “Remote Monitor Failed”.

8. If succeed: the radio will receive the audio signals from monitored radio and the screen show that it is monitoring. When the preset duration time is over, the radio will make a prompt tone, the LED indicator lights off, and the screen shows the remote monitor is end. Or if failed: the radio will retry it until the times of preset attempts is reached.

Contacts Setting

The “Contacts” provide an “address book” for radio. Each item corresponds to an name or ID which used to launch the call. In addition, according to the different settings, each item is related to one of three types of calls: group call, private call, all call. The radio support digital contacts.

The items of contacts show as following:

• Call Type • Call Name • Call ID

⚠**Note:** You can add or delete or edit the contacts for the digital contacts list.

Launch Group Call by Contacts

Menu Usage:

1. Press the [ ] key to enter the menu mode.
2. Press the [ ] key to “Contacts”, then press the [ ] key to confirm, it will appear the option of “Contacts List”, press the [ ] key again to select it, the entries are arranged in order.
3. Press the [ ] key to the group call's name or ID that you need.
4. Hold the radio, let it is in a vertical position and 1 to 2 inches (2.5 to 5.0 cm) away from the mouth.

5. Press the PTT key to launch the call, the LED indicator lights on red. The screen will show the group call's name or ID, and the icon of group call.
6. Release the PTT key to listen. When any user in the group responds, the LED indicator lights green. You will see the group call's icon and user ID from the screen.
7. If the function of “CH Free Indication Tone” is enabled, when the target radio releases the PTT key, you will hear a short prompt tone, which means the channel is free and waiting for your reply. Press the PTT key to answer, if there are not any voice activities during preset hang time of group call, the calling will terminate.

Launch Private Call by Contacts

Menu Usage:

1. Press the [ ] key to enter the menu mode.
2. Press the [ ] key to “Contacts”, then press the [ ] key to confirm, it will appear the option of “Contacts List”, press the [ ] key again to select it, the entries are arranged in order.
3. Press the [ ] key to the user name or ID that you need, then press the [ ] key to confirm.
4. Hold the radio, let it is in a vertical position and 1 to 2 inches (2.5 to 5.0 cm) away from the mouth.
5. Press the PTT key to launch the call, the LED indicator lights on red. The first row will show the user name or ID, the second row will show the private call and its icon.
6. Release the PTT key to listen, when the target radio responds, the LED indicator lights on green and the screen shows the ID of transmitter.

7. If the function of “CH Free Indication Tone” is enabled, when the target radio releases the PTT key, you will hear a short prompt tone, which means the channel is free and waiting for your reply. Press the PTT key to answer, if there are not any voice activities during preset hang time of private call, the calling will terminate.

⚠**Note:** If you release the PTT key while the radio is establishing a call, it will exit and return to the previous screen without any prompt. The radio can be preset programmed to perform radio presence detection before establishing the private call. If the target radio is not answer, you will hear a short prompt tone, and the screen will show that “Not Available”. After that, the radio will return to the menu before enabling the “Radio Check”.

Call Log Function

The radio can record all recent outgoing, answered and missed calls. Use the function of “Call Log” can view and manage the recent calls.

View the Number of New Call

There are missed calls, answered calls, and outgoing calls in the menu.

1. Press the [ ] key to enter the menu mode.
2. Press the [ ] key to “Call Log”, then press the [ ] key to confirm.
3. Press the [ ] key to the list that you need, then press the [ ] key to confirm.
4. In the screen, the top of the list will show the recent entry.
5. Press the [ ] key view the list, and press the PTT key to launch a private call using the selected name or ID.

View Missed Call

Whenever a call is missed, the radio will display a message of it, you can select view right now or view later.

⚠**Note:** If you press the PTT key when viewing the number of missed call, the radio will exit the screen of missed call and launch a private call.

1. The screen will show the “Missed”, “View Missed” and “View Later”.
2. Press the [ ] key to view the “Missed”, press the [ ] key to “Missed List”, then press the [ ] key to confirm, the list of miss call log will display on the screen. Or press the [ ] key to “View Later”, and press the [ ] key to confirm, return to the main screen.

Delete the Calling in the Call List

1. Press the [ ] key to enter the menu mode.
2. Press the [ ] key to “Call Log”, then press the [ ] key to confirm.
3. Press the [ ] key to the list that you need, then press the [ ] key to confirm.
4. Press the [ ] key to the name or ID that you need, then press the [ ] key to confirm.
5. Press the [ ] key to the “Delete Entries”, then press the [ ] key to select whether delete this entry.
6. Select the “Yes”, press the [ ] key to delete the entry, the screen will show “Entry Deleted”; or select the “No”, press the [ ] key to return to the previous screen.

When you select a call list, but it has not any entries, the screen will show “List Empty”, At this time, if the keypad tone has turned on, it will make a prompt tone.

Call Alert Operation

The “Call Alert” allows you to prompt a specific radio to call you back at a possible time. This function just suitable for user's name or ID, and can use by “Contacts” which in the menu.

Receive and Confirm the Call Alert

When you receive a call alert, the screen will display “Call Alert”, and alternately showing the name or ID of the calling radio.

1. You will hear a repeat tone. The LED indicator lights on red.
2. Press and release the PTT key to confirm the alert, or press the [ ] key to select “Ignore?” to exit the call alert.

Launch Call Alert by Contacts List

1. Press the [ ] key to enter the menu mode.
2. Press the [ ] key to “Contacts”, then press the [ ] key to confirm.
3. Press the [ ] key to the user name or ID that you need, then press the [ ] key to confirm.
4. Press the [ ] key to the “Call Alert”, the screen will display the “Call Alert: <user name or ID> ”, then press the [ ] , it will indicate that the call alert has been sent.
5. When the radio sent the call alert, the LED indicator will light on red.
6. If received the confirmation of “Call Alert”, it will make a prompt tone, and the screen display “Call Alert Succeed”.

Or if don't receive the confirmation of “Call Alert”, it will make a prompt tone, and the screen display “Call Alert Failed”

Messages Function

The radio can receive the data, for example, it can receive the messages from the other radio, the maximum length of a message is 144 characters, and the number of lines cannot exceed 25.

Send Quick Text

The radio supports up to 50pcs “Quick Text” that edited by the agents.

Menu Usage:

1. Press the [⊟] key to enter the menu mode.
2. Press the [▲▼] key to “Messages”, then press the [⊟] key to confirm.
3. Press the [▲▼] key to “Quick Text”, then press the [⊟] key to confirm.
4. Press the [▲▼] key to “Quick Text” that you need, then press the [⊟] key to confirm.
5. The screen will display the content of “Quick Text”, press the [⊟] key to confirm, then select the option of “Send”.
6. It will show the option of “Contacts List”, press the [⊟] key to confirm.
7. Press the [▲▼] key to the name or ID that you need, then press the [⊟] key to confirm.
8. The screen will show “Sending to: <User/Group call name or ID>”.
9. If the message is sent successfully, it will make a prompt tone, and the screen will show that “Message Sent”.

Or if the message is not sent, it will make a high tone, and the screen will show that “Message Failed”, the radio returns to the resend screen.

Use the One Touch Access Key to Send Quick Text

1. Press the preset programmable key of one touch access to send the “Quick Text” to the predefined name or ID.
2. The screen will show “Sending to: <User/Group call name or ID>”.
3. If the message is sent successfully, it will make a prompt tone.

View the Succeed Messages

Menu Usage:

1. Press the [⊟] key to enter the menu mode.
2. Press the [▲▼] key to “Messages”, then press the [⊟] key to confirm.
3. Press the [▲▼] key to “Sent Items”, then press the [⊟] key to confirm.
4. Press the [▲▼] key to “Send List”, then press the [⊟] key to confirm.
5. Press the [▲▼] key to the name or ID that you need, then press the [⊟] key to confirm, it will show the sent messages.

Manage Succeed Messages

When viewing the sent messages, you can select the options as following:

• Resend • Forward • Delete

1. When viewing the message, press the [⊟] key again.
2. Press the [▲▼] key to “Resend”, then press the [⊟] key to confirm.
3. The screen will show “Sending to: <User/Group call name or ID>”, and confirm that it is prepare to send the same message to the same target radio.
4. If the message is sent successfully, it will make a prompt tone, and the screen will show that “Message Sent”. Press the [⊟] key to resend the message to the same user/group call name or ID.

⚠**Note:** In addition to press the [⊟] , [▲▼] key, you can also press the key of [↩] to return to the upper-level menu. When you press the PTT key to launch a private call or group call, or respond to a group call, the radio will exit the resend screen. If receive the message, emergency call, alert or call tone, the radio will exit the resend screen. Press the [▲▼] key to enter the selection screen of “Forward or Delete”.

• Select “Forward”, it can send the selected message to the other group call/user name or ID.

• Select “Delete”, it can delete the selected messages.

Delete All of Messages in the “Sent Items”

Menu Usage:

1. Press the [⊟] key to enter the menu mode.
2. Press the [▲▼] key to “Messages”, then press the [⊟] key to confirm.
3. Press the [▲▼] key to “Sent Items”, then press the [⊟] key to confirm.
4. Press the [▲▼] key to “Delete All”, then press the [⊟] key to confirm.

5. Select the “Yes”, the screen will display” Sent Items Clear”. Or press the [▲▼] key to select the “No”. then press the the [⊟] key to confirm, it will return to the upper-level screen. When you select the “Sent Items”, but there are not any messages, the screen will display that “List Empty”, if the keypad tone is on, it will make a low tone.

Receive Messages

When receiving the message, you can select the options as following:

·Read? • Read Later • Delete

⚠**Note:** If you press the PTT key when the radio displays the prompt screen, it will exit the message prompt screen and set up a private call or group call.

View Messages

1. Press the [▲▼] key to the “Read?”, then press the [⊟] key to confirm.
2. Open the selected message in the “Inbox”.
3. Press the [↩] key to back to the “Inbox”, or press the [⊟] key to reply, forward or delete the message.

Press the [▲▼] key to the “Read Later” or “Delete”.

• Select the “Read Later”, it will back to the screen before receiving the message.

• Select the “Delete”, it can delete the received messages.

Manage Received Messages

Use the “Inbox” to manage the messages. The inbox can store up to 50pcs messages.

The radio supports the message options as following:

• Reply • Forward • Delete

It will store the messages in your inbox in the order you received them most recently.

⚠**Note:** Press the [ ] key at any time can back to the upper-level screen.

View Messages in Inbox

Menu Usage:

1. Press the [ ] key to enter the menu mode.
2. Press the [ ] key to “Messages”, then press the [ ] key to confirm.
3. Press the [ ] key to “Inbox”, then press the [ ] key to confirm.
4. Press the [ ] key to “Inbox List”, press the [ ] key to confirm, then press the [ ] key to view the message.
5. Press the [ ] key to confirm selecting the message, then press it again to reply, forward or delete this message.

The icon of means the message is unread, and the icon of means the inbox is full.

Reply Messages in Inbox

Menu Usage:

1. Press the [ ] key to enter the menu mode.
2. Press the [ ] key to “Messages”, then press the [ ] key to confirm.
3. Press the [ ] key to “Inbox”, then press the [ ] key to confirm.
4. Press the [ ] key to the message that you need, then press the [ ] key to confirm.
5. Press the [ ] key again to enter the sub menu.
6. Press the [ ] key to the “Reply”, then press the [ ] key to confirm.
7. Press the [ ] key to the “Quick Text”, then press the [ ] key to confirm. Select the message that you need, then press the [ ] key to view the content.
8. Press the [ ] key again, it will show the option of “Send”, select it.
9. The screen will show “Sending to: <User/Group call name or ID>”.
10. If the message is sent successfully, it will make a prompt tone, and the screen will show that “Message Sent”.

Delete Messages in Inbox

Menu Usage:

1. Press the [ ] key to enter the menu mode.
2. Press the [ ] key to “Messages”, then press the [ ] key to confirm.
3. Press the [ ] key to “Inbox”, then press the [ ] key to confirm.
4. Press the [ ] key to “Inbox List”, press the [ ] key to confirm.

5. Press the [▲▼] key to the message that you need, then press the [▬] key to confirm.
6. Press the [▬] key again to enter the sub menu.
7. Press the [▲▼] key to the “Delete”, then press the [▬] key to confirm.
8. It will appear “Delete Messages?”, press the [▲▼] key to “Yes”, then press the [▬] key to confirm.
9. The screen will display “Message Deleted”.
10. After that, the screen will back to “Inbox”.

Delete All Messages in Inbox

Menu Usage:

1. Press the [▬] key to enter the menu mode.
2. Press the [▲▼] key to “Messages”, then press the [▬] key to confirm.
3. Press the [▲▼] key to “Inbox”, then press the [▬] key to confirm.
4. Press the [▲▼] key to “Delete All”, then press the [▬] key to confirm.
5. It will appear “Delete Messages?”, press the [▲▼] key to “Yes”, then press the [▬] key to confirm.
6. The screen will display “Inbox Cleared”.

When you select the “Inbox”, but there are not any messages, the screen will show “List Empty”, at this time, if the keypad tone is on, it will make the low tones.

Privacy Setting

If this function is enabled, it is helpful to prevent other users who on the channel from using the software encryption method to eavesdrop without authorization. The transmitted signaling and identification parts of user are not encrypted. The radio needs to enable the function of encryption, and it can send the encrypted transmission.

Basic Encryption

The radio can set one privacy type, if you want to decode the privacy call or date transmission, the receiver need to set the same “encryption key” as the transmitter (suitable for basic encryption).

If your radio receives the privacy calls that with different encryption keys or different key values and key IDs, you will hear the voice of transmission confusion (basic encryption). Press the preset programmable key can turn on/off the privacy.

DTMF

The function of DTMF allows radio to operate when its system with interference.

Initiate a DTMF call:

1. Press the PTT key.
2. Input the number that you need.

You can close the tones of DTMF by turning off the “All Tones” of the radio.

Kill/Activate

You can activate/kill any radio in the system. For example, if the radio was stolen or lost, it can prevent thieves from using it and when you get the radio back, you can enable it.

⚠**Note:** Only the radio turns on the function of kill/ activate that can perform it.

Radio Disable

Menu Usage:

1. Press the [ ] key to enter the menu mode.
2. Press the [ ] key to “Contacts”, then press the [ ] key to confirm, it will show the “Contacts List”, press the [ ] key again, the entries will be arranged in order.
3. Press the [ ] key to the name or ID that you need, then press the [ ] key to confirm.
4. Press the [ ] key to “Radio Disable”, then press the [ ] key to confirm.
5. The screen will display “Radio Disable: <user name or ID>”, and the LED indicator will light on red.
6. Waiting for confirmation.
7. If succeed, it will make a prompt tone, and the screen shows that “Radio Disable Succeed”. Or if failed, it also will make a prompt tone, and the screen shows that” Radio Disable Failed”. When you are killing the radio, don't press the [ ] key or you will not receive the confirmation.

Radio Enable

Menu Usage:

1. Press the [ ] key to enter the menu mode.
2. Press the [ ] key to “Contacts”, then press the [ ] key to confirm, it will show the “Contacts List”, press the [ ] key again, the entries will be arranged in order.

3. Press the [ ] key to the name or ID that you need, then press the [ ] key to confirm.
4. Press the [ ] key to “Radio Enable”, then press the [ ] key to confirm.
5. The screen will display “Radio Enable: <user name or ID>”, and the LED indicator will light on red.
6. Waiting for confirmation.
7. If succeed, it will make a prompt tone, and the screen shows that “Radio Enable Succeed”. Or if failed, it also will make a prompt tone, and the screen shows that” Radio Enable Failed”. When you are activating the radio, don't press the [ ] key or you will not receive the confirmation.

Scan List

Create a scan list and assign it to a single channel/group call. The radio can support up to 250 scan list, each scan list supports up to 31 members. And it supports a mixture of analog and digital channels. You can add/delete the channels or set the priority channel by editing the scan list.

Check the Member in the Scan List

1. Rotate the channel knob to select the channel that has preset scan list.
2. Press the [ ] key to enter the menu mode.
3. Press the [ ] key to “Scan”, then press the [ ] key to confirm.
4. Press the [ ] key to “View List”, then press the [ ] key to confirm.
5. Press the [ ] key to view each member in the list.

If you have set the priority, the icon of the priority will display in the left of member name, which means that the member is priority 1 or priority 2 channel. Or if the priority is set to “None”, it will not display the icon of priority. There cannot be more than one priority 1 or priority 2 channel in a scan list. In addition to this, you also can select the option of “Delete” to delete the corresponding member.

⚠**Note:** It can add the new channel to the current scan list by the option of “Add CH” in the scan menu.

Scan Indication and Method

When enabling the scan, the radio will check whether there is voice activity on the current channel by looping preset programmed scan list. The LED indicator lights on red and the scan icon of will display on the screen.

During the dual-mode scan, if the radio is on a digital channel but lock an analog channel. It will automatically switch the digital mode to analog mode in the entire duration of the call and vice versa.

There are two scan methods:

• Manual Scanning: Press the preset programmable key of “Scan On/Off” or turn on the “Scan” on the menu, when you enabling the scan, the radio will detect all of channels/group calls in the preset scan list.

• Automatic Scanning: When you select a channel/group call that has activated the function of “automatic scanning”, the radio will start to scan from it.

Scan On/Off

Press the preset programmed key of “Scan On/Off” or enter to the scan menu.

1. Rotate the channel knob to select a channel that has preset scan list.
2. Press the [ ] key to enter the menu mode.
3. Press the [ ] key to “Scan”, then press the [ ] key to confirm.
4. If the scan is off, the screen displays “Turn On” or if the scan is on, the screen displays “Turn Off”.
5. Press the [ ] key to confirm.
6. When the scanning is on, the LED indicator lights on yellow, and screen displays the scan icon of ; or when the scanning is off, the LED indicator lights off and screen will not display the scan icon.

Reply Scan

If the radio detects the active channel/group call when scanning, it will stay on this channel/group call, which is called “scan hanging time”.

Procedure:

1. Hold the radio, let it is in a vertical position and 1 to 2 inches (2.5 to 5.0 cm) away from the mouth. If the function of “CH Free Indication Tone” is enabled, when the transmitter releases the PTT key, you will hear a short prompt tone, which means the channel is free and waiting for your reply.
2. Press the PTT key during the hanging time, the LED indicator will light on red.
3. Release the PTT key to listen.
4. If you don't answer in the hanging time, the radio will continue to scan.

7. Utilities

The utilities include the following contents:

Radio Settings

Radio Info

Radio Settings

The radio's settings including:

Talkaround	Backlight	Keypad Lock	VOX
Tones/Alerts	Squelch	Language	
Power	Intro Screen	LED Indicator	

Talkaround

When the repeater is not work, or the radio is outside the repeater range but within the communication range of other radios, you can continue to communicate. This is called "Talkaround".

Press the preset programmed key of "Repeater/Talkaround" can switch between the talkaround and repeater.

Menu Usage:

1. Press the [ ] key to enter the menu mode.
2. Press the [ ] key to "Utilities", then press the [ ] key to confirm.
3. Press the [ ] key to "Radio Settings", then press the [ ] key to confirm.
4. Press the [ ] key to "Talkaround", then press the [ ] key to confirm.
5. If the radio is in the repeater mode, you will see that "Turn On" on the screen, or if the radio is in the "Talkaround" mode, you will see that "Turn Off" on the screen.

6. Press the [ ] key to confirm.
7. The screen displays "Talkaround On" or "Talkaround Off".
8. After that, the screen will back to the previous menu.

The radio will keep the setting of "Talkaround" even after it is turned off.

Tones/Alerts

Include the options as following:

All Tones

Talk Permit

Keypad Tones

All Tones

If necessary, you can turn on/off the all tones and alerts of radio (the incoming emergency tones is exclude).

Press the preset programmed key of "All Alert Tones On/Off" to turn on/off the all tones of radio.

Menu Usage:

1. Press the [ ] key to enter the menu mode.
2. Press the [ ] key to "Utilities", then press the [ ] key to confirm.
3. Press the [ ] key to "Radio Settings", then press the [ ] key to confirm.
4. Press the [ ] key to "Tones/Alerts", then press the [ ] key to confirm.
5. Press the [ ] key to "All Tones", then press the [ ] key to confirm.

6. Press the [▲▼] key to “Turn On”, then press the [⊏] key to confirm, it will enable all tones and alerts of the radio, the screen shows that “All Tones On”.

   Or press the [▲▼] key to “Turn Off”, then press the [⊏] key to confirm, it will turn off all tones and alerts of the radio, the screen shows that “All Tones Off”.

Talk Permit

If necessary, you can turn on/off the talk permit.

1. Press the [⊏] key to enter the menu mode.
2. Press the [▲▼] key to “Utilities”, then press the [⊏] key to confirm.
3. Press the [▲▼] key to “Radio Settings”, then press the [⊏] key to confirm.
4. Press the [▲▼] key to “Tones/Alerts”, then press the [⊏] key to confirm.
5. Press the [▲▼] key to “Talk Permit”, then press the [⊏] key to confirm.
6. Press the [▲▼] key to “Turn On”, then press the [⊏] key to confirm, it will enable the talk permit, the screen shows that “Talk Permit On”.

   Or press the [▲▼] key to “Turn Off”, then press the [⊏] key to confirm, it will turn off the talk permit, the screen shows that “Talk Permit Off”.

Keypad Tones

If necessary, you can turn on/off the keypad tones.

1. Press the [⊏] key to enter the menu mode.

2. Press the [▲▼] key to “Utilities”, then press the [⊏] key to confirm.
3. Press the [▲▼] key to “Radio Settings”, then press the [⊏] key to confirm.
4. Press the [▲▼] key to “Tones/Alerts”, then press the [⊏] key to confirm.
5. Press the [▲▼] key to “Keypad Tones”, then press the [⊏] key to confirm.
6. Press the [▲▼] key to “Turn On”, then press the [⊏] key to confirm, it will enable the keypad tones, the screen shows that “Keypad Tones On”.

   Or press the [▲▼] key to “Turn Off”, then press the [⊏] key to confirm, it will turn off the keypad tones, the screen shows that “Keypad Tones Off”.

Power

You can set each channel’s power of the radio to “High/Low”.

Setting: The high power can achieve communication for a long distance, the low power can achieve communication for a short distance. Press the preset programmed key of “High/Low Power” can switch the transmit power between high and low.

Menu Usage:

1. Press the [⊏] key to enter the menu mode.
2. Press the [▲▼] key to “Utilities”, then press the [⊏] key to confirm.
3. Press the [▲▼] key to “Radio Settings”, then press the [⊏] key to confirm.

4. Press the [▲▼] key to “Power”, then press the [≡] key to confirm.
5. Press the [▲▼] key to “High”, then press the [≡] key to confirm, the screen shows that “Tx Power High”.

   Or press the [▲▼] key to “Low”, then press the [≡] key to confirm, the screen shows that “Tx Power Low”.
6. After that, the screen will back to the previous menu and it will display the icon of high/low power.

Backlight

You can turn on/off the backlight of radio according to you need.

Menu Usage:

1. Press the [≡] key to enter the menu mode.
2. Press the [▲▼] key to “Utilities”, then press the [≡] key to confirm.
3. Press the [▲▼] key to “Radio Settings”, then press the [≡] key to confirm.
4. Press the [▲▼] key to “Backlight”, then press the [≡] key to confirm.
5. If the screen displays the option of “Auto On”, press the [≡] key to confirm, it will show “Backlight Auto On”, when there are not any operation by the user, the screen backlight will be turned off after the corresponding time. If the screen displays the option of “Turn Off”, press the [≡] key to confirm, it will show “Backlight Off”.

Squelch

You can adjust the radio's squelch level, filter out the call with low signal strength or the channel with higher background noise than normal value. The squelch can be set to “Normal/Tight”, the “Normal” is default value, the “Tight” will filter out the useless call or background noise, but the call from remote location may also be filtered out.

Press the preset programmed key of “Tight/Normal Squelch” to switch the squelch level.

Menu Usage:

1. Press the [≡] key to enter the menu mode.
2. Press the [▲▼] key to “Utilities”, then press the [≡] key to confirm.
3. Press the [▲▼] key to “Radio Settings”, then press the [≡] key to confirm.
4. Press the [▲▼] key to “Squelch”, then press the [≡] key to confirm.
5. There are “Tight” and “Normal” two options can be selected, press the [▲▼] key to select the squelch level that you need, then press the [≡] key to confirm, the screen will display “Tight Squelch” or “Normal Squelch”.
6. After that, the screen will back to previous menu.

Intro Screen

If necessary, you can select the option of “Intro Screen”.

1. Press the [≡] key to enter the menu mode.
2. Press the [▲▼] key to “Utilities”, then press the [≡] key to confirm.

3. Press the [▲▼] key to “Radio Settings”, then press the [☰] key to confirm.
4. Press the [▲▼] key to “Intro Screen”, then press the [☰] key to confirm.
5. Press the [▲▼] key to “Picture”, then press the [☰] key to enable the intro screen of picture, the screen will display “Picture Turn On”.

   Or press the [▲▼] key to “Char String”, then press the [☰] key to enable the intro screen of char string, the screen will display “Char String Turn On”.

Keypad Lock

You can lock the keypad of radio to prevent the accidental input.

1. Press the [☰] key to enter the menu mode.
2. Press the [▲▼] key to “Utilities”, then press the [☰] key to confirm.
3. Press the [▲▼] key to “Radio Settings”, then press the [☰] key to confirm.
4. Press the [▲▼] key to “Keypad Lock”, then press the [☰] key to confirm.
5. The screen will display “Keypad Locked” and back to the main LCD.
6. If you want to unlock the keypad, long press the [☰] key.
7. The screen will display “Keypad Unlocked” and back to the main interface.

Language

The radio supports the following language display:

• Chinese • English

1. Press the [☰] key to enter the menu mode.
2. Press the [▲▼] key to “Utilities”, then press the [☰] key to confirm.
3. Press the [▲▼] key to “Radio Settings”, then press the [☰] key to confirm.
4. Press the [▲▼] key to “Language”, then press the [☰] key to confirm.
5. Press the [▲▼] key to select the language that you need, then press the [☰] key to confirm.
6. The screen will display the language that you selected and back to the main interface.

LED Indicator

If necessary, you can turn on/off the LED indicator.

1. Press the [☰] key to enter the menu mode.
2. Press the [▲▼] key to “Utilities”, then press the [☰] key to confirm.
3. Press the [▲▼] key to “Radio Settings”, then press the [☰] key to confirm.
4. Press the [▲▼] key to “LED Indicator”, then press the [☰] key to confirm.
5. Press the [▲▼] key to “Turn On”, then press the [☰] key to confirm, the screen will display “All LEDs On”;

   Or press the [▲▼] key to “Turn Off”, then press the [☰] key to confirm, the screen will display “All LEDs Off”. If turn off the LED indicator, it will not light up when transmitting or receiving.

VOX

The VOX function allows you to initiate hands-free voice calls on programmed channels. Turn on the VOX function on the accessory (with VOX), whenever the microphone on the accessory detects voice, the radio will automatically transmit a signal in the programmed time.

Press the PTT key when operating the radio, it will disable the VOX function.

Menu Usage:

1. Press the [ ] key to enter the menu mode.
2. Press the [ ] key to “Utilities”, then press the [ ] key to confirm.
3. Press the [ ] key to “Radio Settings”, then press the [ ] key to confirm.
4. Press the [ ] key to “VOX”, then press the [ ] key to confirm.
5. The screen will display “Turn On” and “Turn Off”, if select the option of “Turn Off”, press the [ ] key to disable the function of VOX, and the screen will display “VOX Off”. If select the option of “Turn On”, press the [ ] key to enable the function of VOX, the screen will display “VOX On”.

⚠**Note:** Press the preset programmed key of “VOX On/Off” can turn on/off this function.

Monitor

Turn on: Turn on the function of “Monitor” on the analog channel, the speaker makes the sound of squelch.

Turn off: Turn off the function of “Monitor” on the analog channel, the speaker closes the sound of squelch.

Radio Information

The radio includes the following information:

- My Number
- Firmware Version
- CPS Version
- Hardware Version

⚠**Note:** Press the [ ] key at any time can back to the previous menu.

My Number

1. Press the [ ] key to enter the menu mode.
2. Press the [ ] key to “Utilities”, then press the [ ] key to confirm.
3. Press the [ ] key to “Radio Info”, then press the [ ] key to confirm.
4. Press the [ ] key to “My Number”, then press the [ ] key to confirm.
5. The screen will display the radio’s ID.

Firmware Version

It will show the firmware version of radio.

1. Press the [ ] key to enter the menu mode.
2. Press the [ ] key to “Utilities”, then press the [ ] key to confirm.
3. Press the [ ] key to “Radio Info”, then press the [ ] key to confirm.
4. Press the [ ] key to “Firmware Versions”, then press the [ ] key to confirm.

5. The screen will display the current firmware version.

CPS Version

It will show the CPS version of radio.

1. Press the [ ] key to enter the menu mode.
2. Press the [ ] key to “Utilities”, then press the [ ] key to confirm.
3. Press the [ ] key to “Radio Info”, then press the [ ] key to confirm.
4. Press the [ ] key to “CPS Versions”, then press the [ ] key to confirm.
5. The screen will display the current CPS version.

Hardware Version

It will show the hardware version of radio.

1. Press the [ ] key to enter the menu mode.
2. Press the [ ] key to “Utilities”, then press the [ ] key to confirm.
3. Press the [ ] key to “Radio Info”, then press the [ ] key to confirm.
4. Press the [ ] key to “Hardware Versions”, then press the [ ] key to confirm.
5. The screen will display the current hardware version.

8. Optional Function

Record

If the radio has turned on the recording function by programming software, it will segment automatically record the message when transmitting or receiving. The recording files are created at intervals of several seconds. When the storage space of recording is used up, the later recording messages will crowd out the earlier recording messages.

Record On/Off

Press (or hold down) the specified programmable key to turn on/off the recording function, then the radio can record the content of calling.

Record Playback

Press (or hold down) the specified programmable key to turn on the “Record Playback” function, then the radio can playback the content of calling.

Delete All Record

Press (or hold down) the specified programmable key to turn on the “Delete All Record” function, then the radio can delete all the content of calling.

⚠**Note:** 1. Only the programming software with optional record function is supported.

2. Only the radio with record function is supported.

Warranty Card

Contact: _____

Company Name: _____

ADD: _____ Post Code: _____

Tel: _____ Mob: _____

Fax: _____ E-mail: _____

Purchasing: _____ Model No: _____

Serial No: _____ Purchase Date: _____

(S/N): _____ (EAN): _____

Warranty card No: _____

Trouble Description: _____

Warranty Terms

The warranty period of the product is calculated from the date of sale (according to the date on the sales invoice).

The warranty period of radio is one year, the battery or charger is 6 months, and earphone or other accessories are 3 months.

The warranty will not be covered under the following conditions：

1. Warranty card and purchase invoice cannot be presented.
2. The warranty card has altered or is inconsistent with the product.
3. Defect or damage caused by abnormal or unconventional use of the product.
4. Defect or damage caused by wrong use, accident, water or negligence.
5. Defect or damage caused by wrong test, operation, maintenance, installation, refit, adjustment etc.
6. Defect or damage caused by unauthorized maintenance, disassembly etc.
7. Defects or damage caused by irresistible factors
8. Have the abrasion in normal use.

The final interpretation belongs to Fujian Juston Electronic Equipment Company.