◇ **CTCSS** → press [Select] key → choose the CTCSS code by [▲/▼] key → press [Select] key to confirm → "Set Ok" pops up on the screen and returns to the previous level;

◇ **DCS** → press [Select] key → choose the DCS code by [▲/▼] key → press [Select] key to confirm → "Set Ok" pops up on the screen and returns to the previous level;

◇ **DCS Reverse** → press [Select] key → choose the DCS Reverse code by [▲/▼] key → press [Select] key to confirm → "Set Ok" pops up on the screen and returns to the previous level;

②. **TX Subaudio** → Press [Select] key to make the following options and procedures:

◇ **Signaling off** → press [Select] key to turn off the CTCSS/DCS code → "Set is ok" pops up on the screen and returns to the previous level;

◇ **CTCSS** → press [Select] key → choose the CTCSS code by [▲/▼] key → press [Select] key to confirm → "Set Ok" pops up on the screen and returns to the previous level;

◇ **DCS** → press [Select] key → choose the DCS code by [▲/▼] key → press [Select] key to confirm → "Set Ok" pops up on the screen and returns to the previous level;

◇ **DCS Reverse** → press [Select] key → choose the DCS Reverse code by [▲/▼] key → press [Select] key to confirm → "Set Ok" pops up on the screen and returns to the previous level;

📖 **ENC Level (Encryption)** 🔒
Processes:
1. Access the menu, press [▲/▼] key to choose **Parameters**, and then press [Select] key to enter.
2. Press [▲/▼] key to choose **EncLevel** and press [Select] key to enter.
3. Press [▲/▼] key to choose the desired encryption level or turn it off and press [Select] key to confirm.
4. "Set Ok!" pops up on the screen and returns to the previous level;

📝 **Notes:**
◇ If it is allowed by CPS software, enable this function will help to prevent other users from eavesdropping without authorization.
◇ Although encryption is not a necessary requirement for receiving and transmitting. But the receiver radio must have same encryption method, level, alias and value as the transmitter radio to decrypt the encrypted voices from each other.

📖 **CTCSS Phase Reverse (CTCSSTail)** 🔴
Processes:
1. Access the menu, press [▲/▼] key to choose **Parameters**, and then press [Select] key to enter.
2. Press [▲/▼] key to choose **CTCSSTail** and press [Select] key to enter.
3. Choose operation of **55HZ, 120, 180, 240** by [▲/▼] key and press [Select] key to confirm.
4. "Set Ok" pops up on the screen and returns to the previous level;

40

📖 Tone Set

If it is allowed by CPS software, set and check the prompt tones by accessing the Tone Set menu.

📖 Profiles

Processes:

1. Access the menu, press [▲/▼] key to choose **Tone Set**, and then press [Select] key to enter.
2. Press [▲/▼] key to choose **Profiles** and press [Select] key to enter.
3. Press [▲/▼] key to choose **General** or **Silent**, and press [Select] key to confirm the selection.
4. "Profile is set" pops up on the screen and returns to the previous level.

📖 Key Tone

Processes:

1. Access the menu, press [▲/▼] key to choose **Tone Set**, and then press [Select] key to enter.
2. Press [▲/▼] key to choose **KeyTone** and press [Select] key to make following options and procedures:
①. **KeyRingSW** → press [Select] key to turn it on / off;
②. **KeyRingStat** → press [Select] key → press [▲/▼] key to choose the keytone level → press [Ok key to confirm → "Keytone is set" pops up on the screen and returns to the previous level.

📖 Power tone

Processes:

1. Access the menu, press [▲/▼] key to choose **Tone Set**, and then press [Select] key to enter.
2. Press [▲/▼] key to choose **Power tone** and press [Select] key to make following options and procedures:
①. **CouloToneSW** → press [Select] key to turn the power tone on / off;
②. **CouloToneStat** → press [Select] key → press [▲/▼] key to select desired volume → press [Ok] key to confirm →"Tone is set" pops up on the screen and returns to the previous level.

📖 Message Tone (Msg Tone)

Processes:

1. Access the menu, press [▲/▼] key to choose **Tone Set**, and then press [Select] key to enter.
2. Press [▲/▼] key to choose **Msg tone** and press [Select] key to enter.
3. Press [▲/▼] key to choose the desired ringtone type or turn it off and press [Select] key to confirm.
4. "RingTone is set" pops up on the screen and returns to the previous level.

📖 Private Call Tone (PCallTone)

Processes:

1. Access the menu, press [▲/▼] key to choose **Tone Set**, and then press [Select] key to enter.

41

2. Press [▲/▼] key to choose **PCallTone** and press [Select] key to make following options and procedures:
①. **PCallSW** → press [Select] key → choose operation of **Rx Begin Tone, Rx End Tone, Tx Begin Tone, Tx End Tone** by [▲/▼] key → press [Select] key to tick or cancel it → press [Back] key to return to the previous level;
②. **PCallTone** → press [Select] key → choose the desired ringtone type or turn it Off by [▲/▼] key → press [Select] key to confirm → "Tone is set" pops up on the screen and returns to the previous level.

📖 Group Call Tone(GCallTone)
Processes:

1. Access the menu, press [▲/▼] key to choose **Tone Set,** and then press [Select] key to enter.
2. Press [▲/▼] key to choose GCallTone and press [Select] key to make following options and procedures:
①. **GCallSW**→ Press [Select] key → choose operation of **Rx Begin Tone, Rx End Tone, Tx Begin Tone, Tx End Tone** by [▲/▼] key → press [Select] key to tick or cancel it → press [Back] key to return to the previous level;
②. **GCallTone** → press [Select] key → choose the desired ringtone type or turn it Off by [▲/▼] key → press [Select] key to confirm → "Tone is set" pops up on the screen and returns to the previous level.

📖 Alert Tone
Processes:

1. Access the menu, press [▲/▼] key to choose **Tone Set**, and then press [Select] key to enter.
2. Press [▲/▼] key to choose **Call Alert tone** and press [Select] key to enter.
3. Press [▲/▼] key to select the desired ringtone type or turn it off and press [Select] key to confirm.
4. "Tone is set" pops up on the screen and returns to the previous level.

📖 Power On Tone
Processes:

1. Access the menu, press [▲/▼] key to choose **Tone Set**, and then press [Select] key to enter.
2. Press [▲/▼] key to choose **Poweron tone SW** and press [Select] key turn it on or off.
3. Press [Back] key to return to the previous level.

▣ Appendix
If it is allowed by CPS software, set and check GPS, FM radio, time, DTMF, HeadSet+Speaker etc. by accessing the **Appendix** menu.

📖 GPS
Processes:

1. Access the menu, press [▲/▼] key to choose **Appendix** , and then press [Select] key to enter.

2. Press [▲/▼] key to choose **GPS** and press [Select] key to make following options and procedures:

①. **GPS switch** → press [Select] key to turn GPS On or Off;

②. **Upload SW** → press [Select] key → choose operation of **GPGGA, GPGSA, GPGSV, GPRMC** by [▲/▼] key → press [Select] key to tick or cancel → press [Back] key to return to the previous level;

③. **Group Info** → press [Select] key to enter the following options and procedures:

◇ **GPS map** → press [Select] key to display the rough distance between the radio and other members → press [▲/▼] to choose the calculation unit → press [Back] key to return to the previous level;

◇ **GPS RXMsgs** → press [Select] key to display the received message list from others → press [▲/▼] key to check the location information of others → press [Back] key to exit → press [Back] key to return to the previous level;

◇ **GPS location** → press [Select] key to display the location information of the radio → press [▲/▼] key to check GPS / GL received satellites information and signal strength (white: empty signal, red: weak signal, light blue: available signal) → Press [Select] key to return to the previous level;

◇ **Clear RXMsg** → press [Select] key to delete the received messages and return to the previous level;

④. **GPS Report Chn** → press [Select] key to check **Zone, Chn, Send interval on / off** information → press [Back] key to return to the previous level;

⑤. **Calibrator** → press [Select] key to make following options and processes:

◇ **Auto** → press [Select] key to confirm;

◇ **Manual** → Press [Select] key → Display Time zone and difference list → press [▲/▼] key to choose the desired time zone → Press [Select] key to confirm → return to the previous level;

Note:

◇ GPS is allowed by software;

◇ Some GPS functions must be pre-set by software before use;

◇ Some GPS functions must be positioned successfully before use normally;

◇ Some GPS functions require other users to have GPS function and successfully positioned also before use normally;

◇ The GPS Distance Calculation or the use of some functions is for reference only, which may cause errors due to some unexpected or environmental reasons;

◇ GPS function is optional.

📖**FM Radio**

Processes:

1. Access the menu, press [▲/▼] key to choose **Appendix**, and then press [Select] key to enter.

2. Press [▲/▼] key to choose **FM radio** and press [Select] key to display the FM radio frequency information.

3. Press [▲/▼] key to manually select the FM radio frequency

or seek the FM radio frequency automatically.
4. Press the [Back] key to exit the FM radio mode and return to the previous level. Or press [OK] key to make the following options and procedures:
①. **Save** → press [Select] key to save the current FM radio channel;
②. **FM List** → press [Select] key to display the list of saved FM radio frequencies → choose the desired frequency by [▲/▼] → press [Select] key to Delete or Play the frequency
③. **TuneMode** → press [Select] key → choose operation of **Manual, Auto** by [▲/▼] key → press [Select] key to confirm and return to the previous level.

📖 Time
Processes:
1. Access the menu, press [▲/▼] key to choose **Appendix**, and then press [Select] key to enter.
2. Press [▲/▼] key to choose **Time** and press [Select] key to make following options and procedures:
①. **Date** → Press [Select] key to display the date and year → press [▲/▼] key or input the desired date and year via numeric keyboard → press [Ok] key to confirm → "Date is set" pops up on the screen and returns to the previous level;
②. **Time** → Press [Select] key to display the time → press [▲/▼] key or input the desired time via numeric keyboard → press [Ok] key to confirm → "Time is set" pops up on the screen and returns to the previous level;

③. **DateForm** → press [Select] key → choose the desired date form by [▲/▼] key → press [Select] key to confirm → "Date is set" pops up on the screen and returns to the previous level;
→ Use GPS Datetime → press [Select] key to turn it on or off;

✅ **Note:**
◇ **Use GPS Datetime** is effective only when GPS function is on and successfully positioned.

📖 DTMF
Processes:
1. Access the menu, press [▲/▼] key to choose **Appendix**, and then press [Select] key to enter.
2. Press [▲/▼] key to choose **DTMF** and press [Select] key to make following options and procedures:
①. **DTMF Switch** → press [Select] key to turn it on or off;
②. **DTMF LocVolume** → press [Select] key to display current local volume → press [▲/▼] key to adjust the volume → press [OK] key to confirm → "Save Ok" pops up screen and returns to the previous level;

✅ **Note:**
◇ DTMF code Tone is only used as a alert tone to the local radio and remind the recipient user to receive the call;
◇ DTMF code must be preset by CPS software.

Headset+Spk

Processes:

1. Access the menu, press [▲/▼] key to choose **Appendix**, and then press [Select] key to enter.

2. Press [▲/▼] key to choose **Headset+Spk** and press [Select] key to enter.
3. Choose operation of **Spk+Headset, LoudSpeaker, Headset** by [▲/▼] key and press [Select] key to confirm.
4. "Set Ok" pops up on the screen and returns to the previous level

✒️ **Note:**
◇ Headset+Spk is the choice of audio output mode of this radio. If "**Headset**" mode is selected, there is no audio output from the radio external speaker, but has audio output from the inserted headset. If "LoudSpeaker" mode is selected, there is audio output from the radio external speaker, but no audio output from the inserted headset. If "Spk+Headset" mode (factory default) is selected, there is audio for radio external speaker and the plugged in headset accessory.

🎙️ Record

If it is allowed by CPS software, set and check record set, recording list, clear record, space info about recording by accessing Record menu.
Processes:

1. Press the preset [Record On/Off] key to turn it on / off.
OR

1. Access the menu, press [▲/▼] key to choose **Record**, and then press [Select] key to enter.

2. Press [▲/▼] key to make following options and processes:
①. **Record Set** → press [Select] key → **RX record SW, TX record SW** → Press [▲/▼] key to select desired operation → press [Select] key to turn it on or off → press [Back] key to return to the previous level;
②. **Record List** → press [Select] key to display the recording list → Press [▲/▼] key to choose the desired record and press [Select] key to make following options and processes:
◇ **Play** → press [Select] to play the selected recording *return to the previous level after finishing playing;
◇ **Delete** → press [Select] key → "Are you sure?" pops up on the screen → press [Ok] key to confirm deletion or press [Back] key to cancel deletion and return to the previous level;
◇ **Information** → press [Select] key to display the detailed information of the recording.
③. **Clear record** → press [Select] key → "Are you sure?" pops up on the screen → press [Ok] key to confirm deletion or press [Back] key to cancel deletion and return to the previous level;
④. **Space Info** → press [Select] key to display the recorded time and total recordable time information → press [Back] key to return to the previous level

45

📓 Device Info

If it is allowed by CPS software, set and check Radio ID, Rx
Group List, CH Contact (channel contact), Version and other
information by accessing **Device Info** menu.

Processes:

1. Access the menu, press [▲/▼] key to choose **Record**, and
then press [Select] key to enter.

2. Press [▲/▼] key to make following options and processes:

①. **Radio ID** → press [Select] key to display the Radio ID →
press [Back] key or any number key to modify the desired
number → press [OK] key to save → "Set ok" pops up on the
screen and returns to the previous level.

②. **RXGroupList** → press [Select] key to display the receiving
group list → press [▲/▼] key to check details → press [back]
key to return to the previous level;

③. **CH contact** → press [Select] key to display the default
channel contact information → press [Back] key to return to
the previous level;

④. **Version** → press [Select] key to display the local version
information → press [Back] key to return to the previous level;

📓 User_defined Mode

If it is allowed by CPS software, it is supported to check and
modify the parameters of Channel or VFO mode by accessing
User_defined Mode menu.

Processes:

1. In standby mode, press and hold the [A / B] key for 3 seconds
to enter the User-defined mode.

OR

1. Access the menu, press [▲/▼] key to choose **Record**, and
then press [Select] key to enter.

2. Press [▲/▼] key to select the following options (refer to
User_defined table).

3. Press [Select] key to light up the cursor and enter to the
editing mode.

4. Press [▲/▼] key to choose the desired value and press
[Select] to confirm and save.

5. Press [Back] key to return to the previous level.

User-defined table

In order	Operation	Options	Confirm	Remarks
Channel Attribution (Working Mode)	Press [Select] key	Digital/Analog/RX:D/A-TX:A/TX:D/A-RX:D	Press [Select] key	For both Analog and Digital mode
Steps		5/6.25/10/12.5/25/50/100kHz		
RX Frequency		In the available range of the radio		
TX Frequency		In the available range of the radio		
Power		High/Low		
RX BS (Slot)		Off / Slot 1/Slot 2		For Digital Mode
TX BS (Slot)		Off / Slot 1/Slot 2		
RX Color Code		0~15		
TX Color Code		0~15		
Alarm		On/Off		Not available for digital VFO mode
Call Alert		On/Off		
Private Call Type		PATCS /OACSU		
Meg Type		PATCS /OACSU		For Digital Mode
Permission (TX Policy)		Impolite/ Polite to CC/ Polite to All		
RX Group List		Off / Self-defined		
Encryption		Off / Defined by software		
Default Contacts		Off / Contact List		
Emergency		Off / self-defined		Not available for digital VFO mode
Scan List		Off / self-defined		
Save2SelChn (Save to current channel)				
Save2SelChn (Save to selected channel)		All available channels		For Digital Mode
Save VFO				For Digital VFO Mode
Bandwidth		Narrow/Wide		For Analog Mode only
TX Subtone Type		Signaling Off/CTCSS/DCS/ DCS Reverse		
TX Subtone(TX Sub Item)		The signal codes of DCS/CTCSS		
RX Subtone Type		Signaling Off/CTCSS/DCS/ DCS Reverse		
RX Subtone (TX Sub Item)		The signal codes of DCS/CTCSS		
Scan List				Not available for analog VFO mode

47

User-defined table

In order	Operation	Options	Confirm	Remarks
Save VFO				For Analog Mode only
Save to specified channel		All available channels		

📝 **Notes**

◇ When accessing any sub menu, press the [Back] key to return to the previous level.

◇ No matter in any sub menu or menu operation, press [🔳] key to forcibly exit the operation and return to home screen for standby mode.

Function Applications

📖 Modes of TX and RX in scanning

Set TX and RX call modes in scan list by CPS software.

📖 Scan TX Mode

In scanning, when there is detected active channel or talk group, the radio will stay at the channel for a period of time, which is called "idle time".

◎ The scan TX modes of the scan list can be set as below:

● **Talkback**

①. If it is "On", when a carrier signal of any channel in the scan list is received in scanning, press the [PTT] key to transmit to the channel within 3S after the received signal disappears.

②. If it is "OFF", the reply is based on the "Scan TX Mode" preset by the programming software.

✏️ **Notes:**

Scan TX Mode:

◇ **Current Channel** — reply on the channel that starts the scanning.

◇ **Last Operated Channel** — reply on the channel where the radio stays at last time.

◇ **Appointed Channel** — specify the only channel to reply.

Appointed Channel:

After selecting the channel for replying, if there is carrier signal of any channel in the scan list received in scanning, after the received signal disappears, press the [PTT] key, it will reply on the preset appointed channel.

A/B Repeat

Preset by CPS software or access the "A/B Repeat" menu to set the A/B band repeat function and application.

1. A/B Band Repeat Modes:

①. In digital mode, the same frequency band (VHF + VHF / UHF + UHF) to same frequency or cross band (VHF / UHF) can be transferred.

②. In analog mode, cross bands (VHF / UHF) can be transferred.

③. In cross band (VHF / UHF), "digital to analog" or "analog to digital" can be transferred.
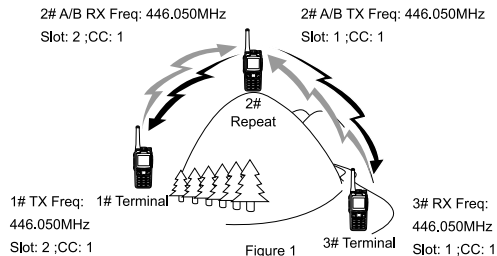
2. A/B Monitor:

Press the preset [AB Monitor] key or access "AB repeat" menu to turn on/off the A/B band monitor function.

3.A/B Repeat Interruption:

①. If the A/B Repeat function is ON, this radio will be used to extend the communication coverage of other radios.

②. When your radio is working in repeat mode, you can press the [PTT] key and speak clearly into the microphone (MIC) to interrupt and make a three-party call.

Digital to Digital Mode with same frequency:

2# A/B RX Freq: 446.050MHz
Slot: 2 ;CC: 1

2# A/B TX Freq: 446.050MHz
Slot: 1 ;CC: 1

2#
Repeat

1# TX Freq: 446.050MHz
Slot: 2 ;CC: 1

1# Terminal

3# RX Freq: 446.050MHz
Slot: 1 ;CC: 1

3# Terminal

Figure 1

Cross Band Digital to Analog / Analog to Digital Mode:

2# A/B RX Freq: 446.050MHz
Slot: 1 ;CC: 1

2# A/B TX Freq: 144.050MHz
(Analog mode)

2# Repeat

1# Terminal

1# TX Freq: 446.050MHz
Slot: 1 ;CC: 1

3# Terminal
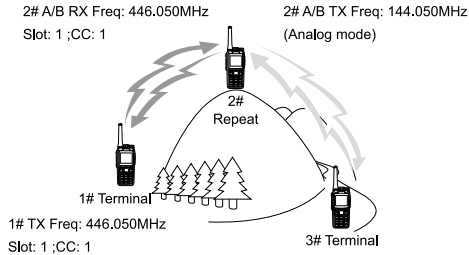
Figure 2

Cross Band Analog to Analog Mode:

1# TX Freq:
446.050MHz
(Analog mode)

2# Repeat

3# RX Freq:
144.050MHz
(Analog mode)

1# Terminal

3# Terminal
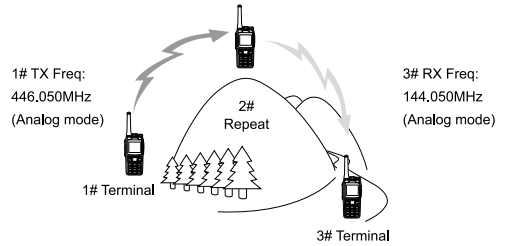
Figure 4

Digital to Analog / Analog to Digital at same frequency & Extending the Communication Coverage:

2# A/B TX Freq:
144.050MHz
Slot: 1 ;CC: 1

2# A/B RX Freq:
446.050MHz
Slot: 2 ;CC: 1

3# A/B RX Freq:
144.050MHz
Slot: 1 ;CC: 1

2# Repeat

3# Repeat

3# A/B TX Freq:
446.050MHz(Analog)

1# TX Freq:
446.050MHz
Slot: 2 ;CC: 1

1# Terminal

4# Analog mode
RX Freq:
446.050MHz

4# Terminal

Figure 3

50
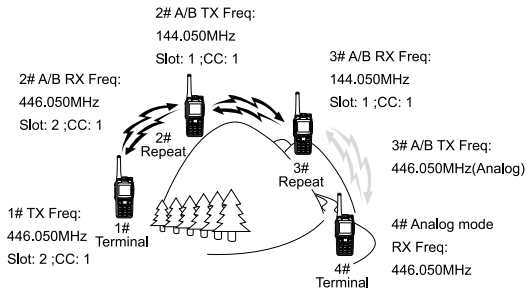
Repeat Modes Samples

Repeat Mode	Radio No.	End user	2# DR-880UV/as a Repeater	Band (Repeat)	Remarks
Digital to Digital with same frequency	1#	TX Freq: 446.050MHZ Slot: 2; CC: 1	RX Freq: 446.050MHZ Slot: 2; CC: 1	A/B	1.Time slots for RX/TX are settable based on needed; But can't set same slot for RX/TX in Repeat Mode with same frequency. 2. CC for RX/TX are settable based on needed, and can set same CC for RX/TX.
	3#	RX Freq: 446.050MHZ Slot: 1; CC: 1	TX Freq: 446.050MHZ Slot: 1; CC: 1	A/B	
Cross Band Digital to Analog Mode	1#	TX Freq: 446.050MHZ Slot: 2; CC: 1	RX Freq: 446.050MHZ Slot: 2; CC: 1	A/B	
		RX Freq: 446.050MHZ Slot: 1; CC: 1	TX Freq: 446.050MHZ Slot: 1; CC: 1		
	3#	Analog TX/RX Freq: 144.050MHZ	TX Freq: 144.050MHZ (Analog Mode)	A/B	Analog Mode can set with CTCSS/ DCS code
Cross Band Analog to Analog	1#	Analog TX/RX Freq: 446.050MHZ	RX/TX Freq: 446.050MHZ	A/B	
	3#	Analog TX/RX Freq: 144.050MHZ	RX/TX Freq: 144.050MHZ	A/B	

Digital to Analog Mode with same frequency:

Raido No.	End user	2# DR-880UV/as a Repeater	3# DR-880UV/as a Repeater	Band (Repeat)	Remarks
1#	RX Freq: 446.050MHZ Slot: 1; CC: 1	RX Freq: 446.050MHZ Slot: 1; CC: 1	RX Freq: 144.050MHZ Slot: 2; CC: 1	A/B	
	TX Freq: 446.050MHZ Slot: 2; CC: 1	TX Freq: 446.050MHZ Slot: 2; CC: 1	TX Freq: 144.050MHZ Slot: 1; CC: 1	A/B	
4#	Analog TX/RX Freq: 446.050MHZ	RX Freq: 144.050MHZ Slot: 1; CC: 1 TX Freq: 144.050MHZ Slot: 2; CC: 1	Analog TX/RX Freq: 446.050MHZ	A/B	Analog Mode can set with CTCSS/ DCS code

📝 **Notes:**

◇ The above Repeat Modes examples are for reference only;

◇ If necessary, multi-mode, multi-band, multi-frequency and other ways can be combined and applied together to extend the communication coverage in end users. Such combination application of different Repeat modes can be used in scene field needed.

General guide for fault handling

Malfunction	Analysis of causes	Handling method
Radio fails to power on	Battery is installed incorrectly	Re-install battery
	Battery power lower than preset value	Please change or charge battery.
	Bad battery contacts or contacts in dirty.	Check and clear the battery contacts.
Receive signal decreases, is unclear or is interrupted.	Battery power gets lower.	Please change or charge battery.
	Volume control at low value.	Adjust the volume to be higher.
	Antenna gets loose or antenna frequency is incorrect.	Power off radio, and re-install antenna, or change antenna with right frequency.
	Speaker is blocked or damaged.	Try to clear the outer speaker or contact your dealer.
	Using the radio under poor working environment or electromagnetic interference	Change working environment or shift antenna direction.
Unable to communicate with group members	The current working channel frequency or signaling value is different.	Change channel or reset signaling and frequency to be same as the group members
	The setting of Digital or Analog channel is incorrect.	Reprogram the current digital or analog channel.
	Out of range of group members	Move back within range
Noise or unrelated communications on current channel	Co-channel user interference	Change frequency or channel.
	Channel not programmed with correct signaling	Reprogram radio to correct signaling or change signaling to prevent interference.
Weak voice traffic with noise during communications	The communication distance is too great	Reduce range between users.
	Signals are blocked during to environment such as buildings and terrain.	Reduce range between users or move to unimpeded line of sight.

Malfunction	Analysis of causes	Handling method
Weak voice traffic with noise during communications	Strong local environmental interference.	Move away from interference source.
Failure to obtain GPS position (Optional)	Radio lacks optional GPS feature or satellite view blocked by environment.	Add GPS feature; move to open site with clear view of sky.

✓ Note:

If the above methods fail to solve your problem, or you confront different malfunctions, please contact your local dealer or appointed maintenance station.

Maintenance and Clean

To ensure the best performance and prolong working life, please acquaint yourself with the following for maintenance and cleaning.

Maintenance

◎ Please do not scratch or puncture the device with hard or sharp object.
◎ Please do not place the device in an environment which can corrode electronic circuits or under direct solar radiation.
◎ Please do not carry the device by its antenna or headset.
◎ Please make sure the SP-MIC plug is covered when not in use.

Clean

◎ Please clean your device regularly by using a dry clean cloth or soft brush to wipe the dust on the surface and on the charger contacts;
◎ The keypads, control knob and housing of the device may be dirty from use. Please use nonwoven wipes to clean them. Do not use chemicals to clean it such as detergent, alcohol, spray or petroleum products, on the device surface or printed labels. Chemicals can damage the housing, display and remove the printing on the labels. Before power on the radio, please make sure the device is dry completely.

Standard accessories

AC Adaptor

Charger

Li-pol Battery

Antenna

Belt clip

Tie

Optional accessories

Air conduit earphone   Earphone-1   Earphone-2   Programmable cable

Power supply for car charger   Speaker microphone   Multi-charger

The FCC warning

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC Rules.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. Verification of harmful interference by this equipment to radio or television reception can be determined by turning it off and then on. The user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

Our radio generators RF electromagnetic energy during transmit mode.This radio is designed for and classified as "Occupational Use Only",meaning it must be used only during the course of employment by individuals aware of the hazards,and the ways To Minimize Such hazards.

This radio is NOT intended for use by the"General Population" in an uncontrolled environment. This radio has been tested and complies with the FCC RF exposure limits for"Occupational Use Only".

Inaddition, our radio complies with the following Standards and Guidelines with regard to RF energy and electromagnetic energy levels and evaluation of such levels for exposure to humans:

---IEEE Std. 1528:2013 and KDB447498, Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields.

---American National Standards Institute (C95.1-1992), IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz.

---American National Standards Institute (C95.3-1992), IEEE Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields-RF and Microwave.

The information listed above provides the user with the

information needed to make him or her aware of RF exposure, and what to do to as-sure that this radio operates with the FCC RF exposure limits of this radio.

Electromagnetic Interference/Compatibility
During transmissions, The radio generates RF energy that can possibly cause interference with other devices or systems. To avoid such interference, turn off the radio in areas where signs are posted to do so.
DO NOT operate the transmitter in areas that are sensitive to electromagnetic radiation such as hospitals, aircraft,and blasting sites.

Occupational/Controlled Use
The radio transmitter is used in situations in which persons are exposed as consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure.
This radio complieswith IEEE and ICNIRP exposure limits for General Population/Uncontrolled Environments RF exposure emvironment at operating duty factors of up to 50% and is authorized by the FCC for General Population use only. An appropriate warning lable is affixed to all units. In order to comply with RF exposure requirements, a minimum distance of 2.5 cm must be maintained when held-to-face, and body-worn operations are restricted to the approved original acessories (belt clip), a minimum distance of 0 cm. Do not use this device when antenna shows obvious damages.

59

Kydera®

PROFESSIONAL DIGITAL TWO-WAY RADIO

福 建 新 世 纪 通 信 股 份 有 限 公 司
Fujian New Century Communications Co., Ltd

ADD: NO.1 FENGSHOU ROAD, ZHAOFENG INDUSTRIAL DISTRICT,

QUANZHOU CITY, FUJIAN PROVINCE,CHINA.

TEL: (86)595-22899399   22883777   22882777
FAX: (86)595-22887666
E-mail: kyd10@cnkyd.cn
Free Hotline: 400-6525399
Http:// www.century-comm.com   www.kydera.com