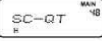


How to Operate

DCS from the others to your transceiver:

1. Save as your transceivers decoder and encoder(ALL).
2. Save as your transceiver encoder(ENCODER)
3. Save as your transceiver decoder(DECODER)

When the transceiver is in standby, press **MENU** + **4** **TIP** **8** **WIN** keys and the screen will display . Press **▲** / **▼** press **MENU**, and then press **EXIT**.

Mute Setting on Sub-frequency --- MENU 49

Mute function is very practical, especially when the transceiver is in dual receiving mode.

In standby, press **MENU** + **4** **TIP** **9** **VOICE**, the screen displays .

Press **MENU** to access and then press **▲** / **▼** to select the parameter you desire, and then press **MENU** to confirm.

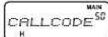
OFF: Deactivate the function

TX: Transmission on master frequency, the receiving volume of sub-frequency is off.

RX: Receiving on master frequency, the receiving volume of sub-frequency is off.

TX/RX: Both receiving and transmission on master frequency, the receiving volume of sub-frequency is off.

Selective Call Code Group Setting (CALLCODE) --- MENU 50

In standby, press **MENU** + **5** **CODE** **0**, the screen displays .

Press **MENU** to access the menu, press **▲** / **▼** to select the desired selective call group number. Press **MENU** to confirm, and the transceiver returns to standby.

Selective call code are with 1-20 groups for option. Selective call codes are programmed via Wouxun supplied software.

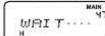
Reset setting (Reset) --- MENU 51

Functional Parameter Reset(VFO): resets all functional settings to factory default values, but channel parameters are not reset.

Total Parameter Reset(ALL): resets all of the transceiver's functional settings and channel parameters to factory values.

In standby, press **MENU** + **5** **MOD** **1** **STEP**, the screen displays .

Press **MENU** to access, press **▲** / **▼** to select the parameter you desire and then press **MENU** to confirm.

The screen will display .

After the transceiver resets(VFO/ALL), it will restart and return to standby mode.

How to Operate

Setting Backlight(BK-LIGHT)----MENU52

In standby, press **MENU** + **5** **50%** **2 SOL**, screen display 

Press **MENU** to enter the function, then press **▲** / **▼** to select the parameter and then **MENU** to confirm, while press **MENU** to return back to the standby.

Level selectable for baklight setting: 01 to 10

Radio Storage(RADIO-WR)----MENU53

Read Radio Station: In FM Radio mode, enter the menu to select the function, there is 20 groups for selection.

Write Radio Station: In FM Radio mode, enter the menu to select the function, there is 20 groups for selection.

In standby, press **MENU** + **5** **50%** **3 SAVE**, screen display 

Press **MENU** to enter the function, then press **▲** / **▼** to select the parameter and then **MENU** to confirm, while press **MENU** to return back to the standby.

Scrambler(SCRAM)----MENU54

This is a special voice process to keep the communication confidential from other non-users.

In standby, press **MENU** + **5** **50%** **4 TOP**, screen display 

Press **MENU** to enter the function, then press **▲** / **▼** to select the parameter and then **MENU** to confirm, while press **MENU** to return back to the standby.

There are 8 groups for selection, OFF is to turn off this function then.

Compander(COMPANDER)----MENU55

This is for decreasing the voice squelch, and it is highly efficient for long-term communication.

In standby, press **MENU** + **5** **50%** **5 MOD**, screen display 

Press **MENU** to enter the function, then press **▲** / **▼** to select the parameter and then **MENU** to confirm, while press **MENU** to return back to the standby.

There is ON and OFF selectable.

Detailed Instruction for Some Important Functions

All calls, Group calls and Selective calls

There are Caller ID code transmission, Caller ID code edit and DTMF decoding functions. Without the assistance of the other communication equipments, the all calls, group calls and selective calls are available between the groups.

Before using all calls, group calls and selective calls function, you need to set as followings:

1. Caller ID CODE edit

Each transceiver in the same group should be edited a unique ANI ID code.

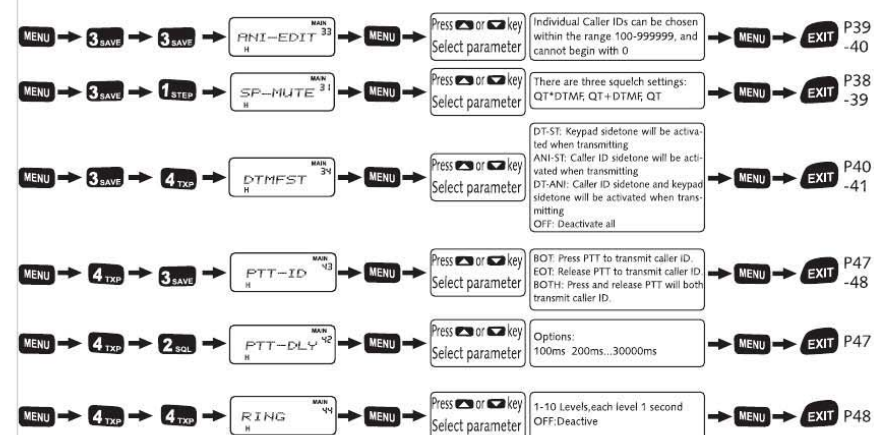
Caller ID CODE: ID -- XXX(3 digits) ID -- XXXX(4 digits) ID -- XXXXXX(5 digits) ID -- XXXXXX(6 digits)

ID	X	XXXXX
Caller ID CODE mark	Group NO. mark	Unique Caller ID CODE
	From 1 to 9 group, Maximum: 9 groups	From 00000~99999, Maximum: 1000000 digits

This is how to set Caller ID CODE.

NOTE: Caller ID Codes should be different for the transceivers in the same group.

Steps are as followings:



NOTE

» Any transceiver in the same group should be with the same frequency point and parameter.

Detailed Instruction for Some Important Functions

a. How to use all calls function:

Hold on PTT key to transmit. After transmitting Caller ID Code, input ***SCAN** + **#LOCK** keys directly.

b. How to use group calls function:

Hold on PTT key to transmit. After transmitting Caller ID Code, input "Group NO." ***SCAN** + **#LOCK**

c. How to use selective calls function:

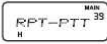
Hold on PTT key to transmit. After transmitting Caller ID Code, input the Caller ID Code of the selective transceiver that you want to speak to.

Note: Selective call is available via selective call key. Selective call code is programmed via **Wouxun** supplied software. Programming the same selective call code of the selective transceiver and Caller ID code of the selected transceiver.

For example, Caller ID Code for the selected transceiver is 123456, selective call code for the selective transceiver should be 123456 too.

Repeater Usage

1. Repeater PTT Switch (RPT-PTT)

When the transceiver is in standby, press **MENU** + **3 SAVE** **9 VOICE** keys and the screen displays . Press **MENU** to access the settings, and after pressing the **▲** / **▼** keys to activate (ON) the PTT trans-

mission, Press **MENU** to confirm, and press the **EXIT** key to return to standby.

2. Repeater speaker switch (RPT-SPK)

When the transceiver is in standby, press **MENU** + **3 SAVE** **8 WIN** keys and the screen will display . Press **MENU** to access the settings, and after pressing **▲** / **▼** to activate (ON) the speaker, press to confirm, and press **EXIT** key to return to standby.

3. Repeater Setting (RPT-SET)

Accessing cross-band repeater mode: when the transceiver is in standby, press **MENU** + **3 SAVE** **7 VOX** and the screen will display .

Press **MENU** to access, press **▲** / **▼** to select two-way cross-band repeater mode (X-TWRPT) or directional cross-band repeater mode (X-DIRPT). Press **MENU** to confirm. And then press **EXIT** to return to standby mode, hold on **RPT** key for 2seconds, the transceiver is to access cross-band repeater.

Exit Cross-Band Repeater: In standby, hold **RPT** for 2seconds, the transceiver exit the cross-band repeater mode and access transceiver communication mode.

(1) When "RPT-PTT" is ON, pressing PTT to stop receiving or transmission in cross-band repeater mode.

The transmission frequency is the frequency of the master band, release PTT key to access Two-way

Detailed Instruction for Some Important Functions

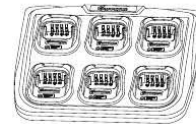
cross-band repeater mode.

- (2) When "RPT-SPK" is ON, any transceiver in cross-band repeater mode can receive the effective signals, and then the repeater receipt tone will be heard.
- (3) The difference between directional cross-band repeater and two-way cross-band repeater modes is the transmitter and receiver is unfixed under two way cross-band repeater mode.

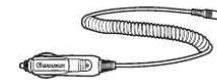
Directional cross-band repeater: The master frequency area A is the receiving frequency of the receiver in cross-band repeater mode, the sub-frequency area B is the transmitting frequency.

Two-way cross-band repeater mode: In standby, both master and sub areas are receivers, whichever area receives an effective carrier wave signal, the other area will be the transmitter and start transmitting.

Optional Accessories



Six-way Charger



Car Charger



Programming Software



Eliminator



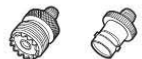
Wireclone Cable



Headset



MIC/Speaker



(SL16) (BNC)

Antenna Adaptor

Troubleshooting

Before assuming your transceiver is broken, please check your transceiver according to the following table; if the problem persists, you can reset the transceiver, which sometimes.

Fault	Solution
Reception prompt remains but speaker is silent	» Check that the volume knob has been set to maximum. » Please reset CTCSS/DCS to check whether different channels from other group members have been set. » Check whether mute settings are correct.
Keypad is unresponsive	» Check whether keypad has been locked. » Check whether other keys have been pressed.
Other voices (not from group members) appear in the channel.	» Please change the CTCSS / DCS code.
In standby, automatic transmission without pressing PTT key	» Please check if VOX function is active or VOX level is too low.

Fault	Solution
Can not enter scanning mode	» Please see if the scan group channel, Scan Add function is turned on.
Cannot set up the cross-band repeater	» Please make sure A/B area is on the cross-band repeaters operating frequency.
Cannot transmit in repeat mode	» Please check to see if the receivers squelch and CTCSS / DCS settings are correct.

Announcement

Wouxun endeavors to achieve the accuracy and completeness of this manual, but it is still not perfect for any possible omissions or printing errors. All the above is subject to be updated without prior notice.

English Version: KG-UV8D(Plus)-0708-V1