

If setting work mode switch password, press **TDR**, the LCD screen displays [ ] , please input the 6 characters passwords. Please set work mode switch passwords via **Qwouxun** supplied programming software. When the work mode switch pass words are made up of full "0", you do not need to input password when switching work mode.

### (8) DTMF Encoding

In transmission mode, directly press the number keys or function keys to transmit the corresponding DTMF codes. The keys and the DTMF encoding codes are corresponding as following:

					A
1 BKT	2 SAVE	3 STEP	*		B
4 WN	5 TXP	6 SFT+	0		C
7 VOX	8 SQL	9 RCLER	#	RPT	D

### (9) Wireclone Function

Purpose: Cloning all parameters(including channel parameters) of the source transceiver to the target transceiver.

- Steps: a. Taking two transceivers, one is as the source transceiver, the other one is as the target transceiver.  
b. Using wireclone cable to connect the source transceiver (Power-Off Mode) and the target transceiver (Power-On Mode).  
c. Holding on PF3 to power on the transceiver simultaneously.

Status: Red LED of the source transceiver flashes, the LCD screen displays "M:COPY COMM"; red LED of the target transceiver flashes, the LCD screen displays "S:COPYING". After successfully wire cloning, the LCD screens of the source and target transceivers display "COPY END", and then the transceiver restart automatically. If the clone is failed, the source transceiver display "COPY FAIL". And then the transceivers restart automatically without notice.

### (10) How to use the intelligent charger

When the battery power is low, the transceiver will activate voice guide, and prompt "Di" in every 5 seconds.

1. Insert the AC plug into outlet (AC: 100 -240V), the charger indicator flashes once. That means the

## Basic Operation

charging is in standby.

2. Insert the battery into the charger, the RED indicator continuously flashes. That means the charging is on the progress.

While the GREEN indicator continuously flashes. That means the charging is completed.

### NOTE !

- » When inserting the exhausted battery into the charger, it will pre-charge the battery in trickling mode, the RED light of charger flashes and lasts 10-20 minutes, then start normal charger with RED light keeping on, it will turn to GREEN when it is fully charged.
- » Trickling charge the exhausted battery is to protect the lithium-ion battery.

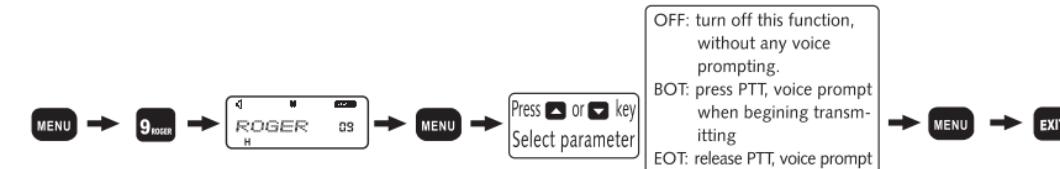
## Shortcut Operation Sheet

Function order	Function name	Enter function set	Screen display	Select parameter	Selectable parameter explanation	Confirm	Return to standby
1	Auto Backlight Time (ABR)	MENU → 1 BRT		MENU → Press ▲ or ▼ key Select parameter	ALWAYS ON/OFF/1-30S	MENU →	EXIT
2	Power Save Mode (SAVE)	MENU → 2 SAVE		MENU → Press ▲ or ▼ key Select parameter	OFF/01-04	MENU →	EXIT
3	Step Frequency (STEP)	MENU → 3 STEP		MENU → Press ▲ or ▼ key Select parameter	8 frequency steps available: 2.5k/5k/6.25k/10k/12.5k/ 25k/50k/100k	MENU →	EXIT
4	Bandwidth Selection (W/N)	MENU → 4 W/N		MENU → Press ▲ or ▼ key Select parameter	WIDE: 25KHz NARR: 12.5KHz	MENU →	EXIT
5	Transmitting Power Selection (TXP)	MENU → 5 TXP		MENU → Press ▲ or ▼ key Select parameter	H: High power (VHF 5W/ UHF 4W) L: Low power (1W)	MENU →	EXIT
6	Frequency Shift Direction (SFT-D)	MENU → 6 SFT-D		MENU → Press ▲ or ▼ key Select parameter	+ Positive direction - Negative direction OFF: Turn off frequency shift direction	MENU →	EXIT
7	VOX (VOX)	MENU → 7 VOX		MENU → Press ▲ or ▼ key Select parameter	VOX has levels from 1 to 10 OFF: Turn off VOX transmission	MENU →	EXIT
8	Squelch Level (SQL-LE)	MENU → 8 SQL		MENU → Press ▲ or ▼ key Select parameter	Squelch level from 0 to 9	MENU →	EXIT

Note: 2.5K step is only available on KG-UV9D(E) version.

# Shortcut Operation Sheet

9 Begin/End Transmitting Prompt (ROGER)



10 Time-out Timer



11 Transmitting Overtime Alarm



12 Voice Switch (VOICE-SW)



13 Beep Prompt



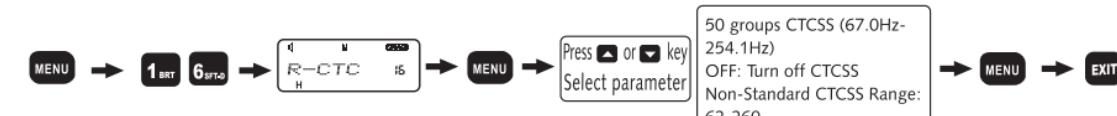
14 Menu Language



15 Busy Channel Lockout



16 Receiving CTCSS



17 Transmitting CTCSS



18 Receiving DCS



19 Transmitting DCS



20 Scan Mode



21 Mute Settings



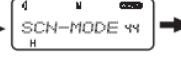
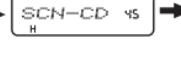
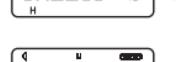
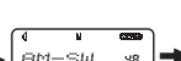
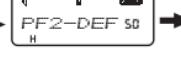
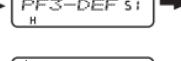
# Shortcut Operation Sheet

22 DTMF Sidetone Settings		Press ▲ or ▼ key Select parameter	DT-ST: Keypad sidetone will be activated when transmitting ANI-ST: Caller ID sidetone will be activated when transmitting DT-ANI: Caller ID sidetone and keypad sidetone will be activated when transmitting OFF: Deactivate all	
23 Caller ID Transmission Mode		Press ▲ or ▼ key Select parameter	BOT: Press PTT to transmit caller ID. EOT: Release PTT to transmit caller ID. BOTH: Press and release PTT will both transmit caller ID.	
24 Editing Caller ID		Press ▲ or ▼ key Select parameter	Individual Caller IDs can be chosen within the range 100-999999, and cannot begin with 0	
25 Caller ID Transmission Delay		Press ▲ or ▼ key Select parameter	Time Option: 100-3000ms	
26 Ring Time		Press ▲ or ▼ key Select parameter	1-10 Levels: each level 1 second OFF: Deactivate	
27 Backlight Selection		Press ▲ or ▼ key Select parameter	Levels: 01-05	

28 Offset Frequency		Press ▲ or ▼ key Select parameter	0-999.9950MHz	
29 Channel Name Edit		Press ▲ or ▼ key Select parameter	Channel name should be composed by 26 letters (A to Z) and 10 numbers (0 to 9), eight maximum	
30 Channel Memory		Press ▲ or ▼ key Select parameter	999 channels available	
31 Channel Delete		Press ▲ or ▼ key Select parameter	999 channels available	
32 Priority Channel		Press ▲ or ▼ key Select parameter	999 channels available	
33 Priority Channel Scan		Press ▲ or ▼ key Select parameter	ON: Activated OFF: Deactivated	
34 Keypad Auto Lock		Press ▲ or ▼ key Select parameter	ON: Activated OFF: Deactivated	
34 Keypad Auto Lock		Press ▲ or ▼ key Select parameter	ON: Activated OFF: Deactivated	
35 Keypad Lock Mode		Press ▲ or ▼ key Select parameter	KEY+PG, KEY+PTT, ALL	

# Shortcut Operation Sheet

36 Single Tone (S-TONE)	<b>MENU</b> → <b>3 STEP</b> <b>6 SFTG</b> →  → <b>MENU</b> → Press <b>▲</b> or <b>▼</b> key Select parameter	1750Hz, 2100Hz, 1000Hz, 1450Hz	→ <b>MENU</b> → <b>EXIT</b>
37 VOX DELAY (VOX-DLY)	<b>MENU</b> → <b>3 STEP</b> <b>7 VOX</b> →  → <b>MENU</b> → Press <b>▲</b> or <b>▼</b> key Select parameter	OFF/01-05S	→ <b>MENU</b> → <b>EXIT</b>
38 Saving Scan Mode	<b>MENU</b> → <b>3 STEP</b> <b>8 SQL</b> →  → <b>MENU</b> → Press <b>▲</b> or <b>▼</b> key Select parameter	All: Save both RX and TX CTCSS/DCS DEC: Save RX CTCSS/DCS NEC: Save TX CTCSS/DCS	→ <b>MENU</b> → <b>EXIT</b>
39 Auto Power Off (APO-TMR)	<b>MENU</b> → <b>3 STEP</b> <b>9 RSDR</b> →  → <b>MENU</b> → Press <b>▲</b> or <b>▼</b> key Select parameter	OFF/15-150Min	→ <b>MENU</b> → <b>EXIT</b>
40 Power On Message (PONMSG)	<b>MENU</b> → <b>4 WIN</b> <b>0</b> →  → <b>MENU</b> → Press <b>▲</b> or <b>▼</b> key Select parameter	BITMAP: Picture BATTY: battery Power	→ <b>MENU</b> → <b>EXIT</b>
41 Repeater Receipt Tone (RPT-RCT)	<b>MENU</b> → <b>4 WIN</b> <b>1 BRT</b> →  → <b>MENU</b> → Press <b>▲</b> or <b>▼</b> key Select parameter	ON: Activate OFF: Deactivate	→ <b>MENU</b> → <b>EXIT</b>
42 Scan Add (SCN-ADD)	<b>MENU</b> → <b>4 WIN</b> <b>2 SAVE</b> →  → <b>MENU</b> → Press <b>▲</b> or <b>▼</b> key Select parameter	ON: When scanning channels, they will be added to the scanning table OFF: Channels will not be ad- ded to the table when scanning	→ <b>MENU</b> → <b>EXIT</b>
43 Scan Channel Group NO. (SCN-GP)	<b>MENU</b> → <b>4 WIN</b> <b>3 STEP</b> →  → <b>MENU</b> → Press <b>▲</b> or <b>▼</b> key Select parameter	All: scan all Group 1, Group 2, Group 3, Group 4, Group 5, Group 6, Group 7, Group 8, Group 9, Group 10	→ <b>MENU</b> → <b>EXIT</b>

44 Scan Mode (SCN-MODE)	<b>MENU</b> → <b>4 WIN</b> <b>4 WIN</b> →  → <b>MENU</b> → Press <b>▲</b> or <b>▼</b> key Select parameter	Current Band Scan/Full Bands Scan/Limited FREQ BANGE SCAN	→ <b>MENU</b> → <b>EXIT</b>
45 CTCSS/DCS Scanning (SCN-CD)	<b>MENU</b> → <b>4 WIN</b> <b>5 TXP</b> →  → <b>MENU</b> → Press <b>▲</b> or <b>▼</b> key Select parameter	CTCSS/DCS	→ <b>MENU</b> → <b>EXIT</b>
46 Call Group ID (CALL-ID)	<b>MENU</b> → <b>4 WIN</b> <b>6 SFTG</b> →  → <b>MENU</b> → Press <b>▲</b> or <b>▼</b> key Select parameter	Groups:1-20	→ <b>MENU</b> → <b>EXIT</b>
47 Auto AM (AUTO-AM)	<b>MENU</b> → <b>4 WIN</b> <b>7 VOX</b> →  → <b>MENU</b> → Press <b>▲</b> or <b>▼</b> key Select parameter	ON: Activated OFF: Deactivated	→ <b>MENU</b> → <b>EXIT</b>
48 AM Switch (AM-SW)	<b>MENU</b> → <b>4 WIN</b> <b>8 SQL</b> →  → <b>MENU</b> → Press <b>▲</b> or <b>▼</b> key Select parameter	ON: Activated OFF: Deactivated	→ <b>MENU</b> → <b>EXIT</b>
49 PF1 Function Program	<b>MENU</b> → <b>4 WIN</b> <b>9 RSDR</b> →  → <b>MENU</b> → Press <b>▲</b> or <b>▼</b> key Select parameter	SOS/SF-TX/OFF/CALL ID/ R-ALRM	→ <b>MENU</b> → <b>EXIT</b>
50 PF2 Function Program	<b>MENU</b> → <b>5 TXP</b> <b>0</b> →  → <b>MENU</b> → Press <b>▲</b> or <b>▼</b> key Select parameter	K-LAMP/OFF/SCN/SECOND /LAMP/SDF-DIR	→ <b>MENU</b> → <b>EXIT</b>
51 PF3 Function Program	<b>MENU</b> → <b>5 TXP</b> <b>1 BRT</b> →  → <b>MENU</b> → Press <b>▲</b> or <b>▼</b> key Select parameter	R-ALARM/SOS/SF-TX OFF/CALL ID	→ <b>MENU</b> → <b>EXIT</b>
52 Voltage Check	<b>MENU</b> → <b>5 TXP</b> <b>2 SAVE</b> →  → <b>MENU</b> → Press <b>▲</b> or <b>▼</b> key Select parameter	Display Current Voltage	→ <b>MENU</b> → <b>EXIT</b>

## Shortcut Operation Sheet

53 CTCSS/DCS  
Scan Deter-  
mine Switch



54 Sub-Frequency  
Mute



55 Reset Setting



## How to Operate

### Auto Backlight Time (ABR) ---- MENU 1

Feature Description: This function is to set the time of activating LCD screen light.

Options: ALWAYS/OFF/1-30S, each level 1 second

Default: 8S

### Power Save Mode (SAVE) ---- MENU 2

Feature Description: This function is to activate or deactivate the power save mode.

There are 4 modes.

Options: OFF/01/02/03/04(It is allowed to change the sleeping time)

Default: 01

### Step (STEP) ---- MENU 3

Feature Description: This function is to select the desired step value.

Options: 12.5/ 25K

Default: 5K

#### NOTE

» 2.5K Step is only available on KG-UV9D(E) Version.

## Bandwidth ----- Menu 4

Feature Description: This transceiver can work in wide bandwidth FM( ± 25K) or narrow bandwidth FM (± 12.5K)

Selection : Wide / Narrow

Default : Wide

## Transmit Power Selection ----- Menu 5

Feature Description: This function is to select the output power level

Selection : High / Middle / Low

UHF H : 4W , M : 2W , L : 1W

VHF H : 5W , M : 2W , L : 1W

Default : High

## Frequency Shift Direction ----- Menu 6

Feature Description: This function is to set the transmission frequency is higher (+) or lower (-) than the reception frequency

Selection : Off / + / -

Default : Off

## VOX ----- Menu 7

Feature Description: It is not necessary to press the PTT key manually every time after activating this function. Once the VOX circuit detect the microphone when you speak to, it may automatically enter the transmitting state.

Please select the VOX gain before using, the higher the gain, the greater the voice you may so that can be detected by VOX circuit and then enter the transmitting state. In order to ensure the continuity of VOX detection, you can also set up menu 37 "VOX delay". Details see the VOX delay on P33

Option: off /1-5 seconds

Default : Off

### NOTE

» VOX function is usable for the main frequency

» On FM or receiving state, VOX detect is off.

## Squelch Level ----- Menu 8

Feature Description: This function to make the speaker mute when there is no signal. If the squelch level setting is correct,it is only heard the sound truly receives the signal. The higher level the squelch requires the stronger signal.

## How to Operate

Selection : 0-9 level

Default : 5

### **ROGER ----- Menu 9**

Feature Description: The beep prompt after transmitting and end of transmitting.

Selection: Off / BOT / EOT /BOTH

Default: Off

BOT (beep after pressing PTT) EOT(beep after loosening PTT) BOTH(beep after pressing and loosening PTT)

### **Time out timer ----- Menu 10**

Feature Description: Time out timer refers to set the limited time each transmitting, it may automatically stop transmitting if reach the limited time, regardless you press the PTT, the transceiver may issued the "time out timer" at the same time.

Selection : 15-600 seconds, step 15 seconds

Default : 60 seconds

### **NOTE**

» There is a 10-second TOT punishment when the transmitting time beyond the limited time , it is invalid to press the PTT. The TOT punishment is effective for the keypad transmission and VOX transmission.

### **Time of Alarm ----- Menus 11**

Feature Description: Time of alarm is to alarm that the transceiver is reaching the limited transmission time, and the indication light may flashing.

Selection : Off / 1-10 seconds, step 1 second.

Default : 5 seconds

### **Voice Switch ----- Menu 12**

Feature Description: To open or close the menu operating prompt.

Selection : On / Off

Default : On

### **Beep ----- MENU 13**

Feature Description: Beep is an indication for checking the transceiver operation prompt, operation error or fault.

Selection : On / Off

Default : On

### **Menu Language (MENULANGE) ----- MENU 14**

Feature Description: This function is to activate English on menu display and voice guide.

Option:English

Default:English

### **Busy Channel Lockout (BCL) ----- MENU15**

Feature Description: If the selected channel or frequency is occupied by the other transceivers, when you press PTT key to transmit after activating this function, the transceiver will not transmit, in order to avoid the conflict with the other communicating transceivers.

Option:ON/OFF

Default:OFF

### **Receiving CTCSS (Rx-CTC) ----- MENU 16**

Feature Description: This function is to select receive CTCSS value.

Option:OFF/50 Groups Standard CTCSS/Non-Standard CTCSS(62.0-260Hz)

Default:OFF

### **Transmitting CTCSS (Tx-CTC) ----- MENU 17**

Feature Description: This function is to select transmitting CTCSS value.

Option:OFF/50 Groups Standard CTCSS/Non-Standard CTCSS(62.0-260Hz)

Default:OFF

### **Receiving DCS (Rx-DCS) ----- MENU 18**

Feature Description: This function is to select receiving DCS.

Option:OFF/105 Groups Standard DCS/ Non-Standard DCS(000-777)

Default:OFF

### **Transmitting DCS (Tx-DCS) ----- MENU 19**

Feature Description: This function is to select transmitting DCS.

Option:OFF/105 Groups Standard DCS/ Non-Standard DCS(000-777)

Default:OFF

### **Scan Mode (SC-REV) ----- MENU 20**

Feature Description: This function is to select the scan modes.

Option:TO/CO/SE

Default:SE

TO: after finding a carrier wave signal, scanning will continue if no operations are carried out within 5 seconds.

CO: scanning will stop when a carrier wave signal has been found, and scanning will continue if the carrier wave signal is lost for 3 seconds.

SE: scanning will stop when a carrier wave signal is found.

### **Mute Mode (SP-MUTE) ----- MENU 21**

Feature Description: This function is to set the mute mode to activate the speaker in receiving mode.

Option:QT/QT\*T/QT&T

QT: When the transceiver is set to this mode, all signals on the same QT frequency will activate the speaker.

QT&T: only those signals which both satisfy the requirements of QT and whose DTMF carrier wave signal also match the transceiver will activate the speaker in this mode.

QT\*T: When this mode is active, only those signals which either meet QT requirements or DTMF requirements will activate the speaker.

### **DTMF Sidetone (DTMF-ST) ----- MENU 22**

Feature Description: In transmission mode, the transceiver transmits ANI ID code or DTMF code, if the speaker can receive the DTMF tone.

Option:DT-ST/ANI-ST/DT+ANI/OFF

Default:DT-ST

### **Caller ID Transmission Mode (PTT-ID) ----- MENU 23**

Feature Description: This function is to select the caller ID transmission mode.

Option:OFF/BOT/EOT/BOTH

Default:OFF

BOT:Transmitting caller ID when pressing PTT key.

EOT:Transmitting caller ID when releasing PTT key.

BOTH:Transmitting caller ID when pressing or releasing PTT key.

### **Caller ID Edit (ID-EDIT) ----- MENU 24**

Feature Description: This function is to edit caller ID of the transceiver.

Option:Numerals(0-9)

Default:101

Editing Methods:a. Via supplied **Owouxun** programming software b. Via Keypad

### **Caller ID Transmission Delay (ID-DLY) ----- MENU 25**

Feature Description: The time distance between pressing PTT key and starting to transmit caller ID.

Option:100-3000ms, each 100ms per level.

Default:300ms

#### **Attention**

» The lasting time of transmitting DTMF and the transmitting delay time between two DTMF codes can be programmed via **Owouxun** Supplied programming software.

### **Ringing Time (RING) ----- MENU 26**

Feature Description: The lasting time for ringing before speaking when receiving the signals.

Option:OFF/1-10s, each 1s per level.

Default:3s

### **Backlight Brightness (BAR-LV) ----- MENU 27**

Feature Description: This function is to select the brightness of backlight.

Option:1-5(Level)

Default:3(Level)

### **Offset Setting (OFFSET) ----- MENU28**

Feature Description: Setting on the Frequency Offset.

Option: 000.00000-999.9975MHz

Default: 000.00000MHz

### Channel Name (CH-NAME) ----- MENU29

Feature Description: Name Editing for memory channels.

Input the numbers, then the cursor automatically moves to the next position. Press / to switch the characters, while press to confirm. Press to delete the editing content while long press to exit from the operation.

Option: 26 Capital and Lower-case Letters,0-9 Arabic Numbers and Special Characters.

Default: None

Editing: Editable via programming software or through the keypad manually.

Editing through the keypad

In standby( Channel Mode), press to start the channel name editing. Input the desired Arabic numbers through the keypad or press / to display and get the characters and numbers.

Press to confirm.

E.g: Press twice to get "!" and then press to confirm and move forward to the next position editing. (Not needed to press to confirm the numbers input.)

### Memory Channels (MEM-CH) ----- MENU30

Feature Description: Save the desired frequencies and parameter into the specified channels.

Option: 999 memory channels

Default: CH-001

### Deleting Channels (DEL-CH) ----- MENU31

Feature Description: Delete the saved channels which you do not want to use.

Option: 999 memory channels

Default: CH-001

### Priority Channels (PRI-CH) ----- MENU32

Feature Description: Choose and set the programming channels priority which you use often

Option: 999 memory channels

Default: CH-001