

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 *Wouxun* 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:

				EXIT
1 BRT	2 SAVE	3 STEP	*	▲
4 WIN	5 TXP	6 SPT-L	0	▼
7 VOX	8 SQL	9 RIDER	#	RPT

→

				A
1	2	3	*	B
4	5	6	0	C
7	8	9	#	D

(9) Wireclone Function

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

- Steps:
- Taking two transceivers, one is as the source transceiver, the other one is as the target transceiver.
 - Using wireclone cable to connect the source transceiver (Power-Off Mode) and the target transceiver (Power-On Mode).
 - 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.

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

Basic Operation

charging is in standby.

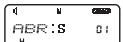
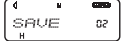
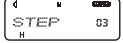
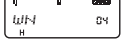
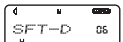
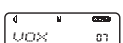
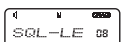
2. Insert the battery into the charger, the RED indicator continuously flashes. That means the charging is on the progress.

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

NOTE

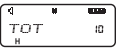
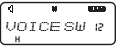
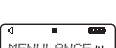
- » When inserting the exhausted battery into the charger, it will pre-charge the battery in trickling mode, the RED light of charger flashes and lasts 10-20 minutes, then start normal charger with RED light keeping on, it will turn to GREEN when it is fully charged.
- » Trickling charge the exhausted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

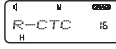
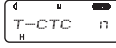
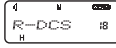
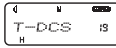
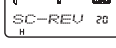
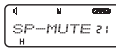
Shortcut Operation Sheet

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 ABR →		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

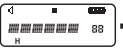
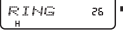
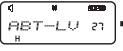
Note: 2.5K step is only available on KG-UV9D(E) version.

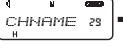
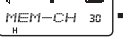
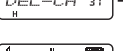
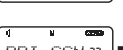
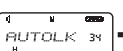
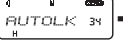
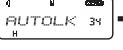
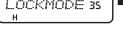
Shortcut Operation Sheet

- 9 Begin/End Transmitting Prompt (ROGER)**
- MENU → 9 ROGER →  → MENU → Press ▲ or ▼ key Select parameter → MENU → EXIT
- OFF: turn off this function, without any voice prompting.
BOT: press PTT, voice prompt when beginning transmitting
EOT: release PTT, voice prompt when ending transmitting
BOTH: press and release PTT, voice prompt
- 10 Time-out Timer**
- MENU → 1 BRT 0 →  → MENU → Press ▲ or ▼ key Select parameter → MENU → EXIT
- TOT has 40 levels is steps of 15 seconds.
OFF: Turn off TOT
- 11 Transmitting Overtime Alarm**
- MENU → 1 BRT 1 BRT →  → MENU → Press ▲ or ▼ key Select parameter → MENU → EXIT
- OFF/01-10S
- 12 Voice Switch (VOICE-SW)**
- MENU → 1 BRT 2 SAVE →  → MENU → Press ▲ or ▼ key Select parameter → MENU → EXIT
- ON: Activate
OFF: Deactivate
- 13 Beep Prompt**
- MENU → 1 BRT 3 STEP →  → MENU → Press ▲ or ▼ key Select parameter → MENU → EXIT
- ON: Turn on beep prompt function
OFF: Turn off beep prompt function
- 14 Menu Language**
- MENU → 1 BRT 4 WR →  → MENU → Press ▲ or ▼ key Select parameter → MENU → EXIT
- ENGLISH
- 15 Busy Channel Lockout**
- MENU → 1 BRT 5 TXP →  → MENU → Press ▲ or ▼ key Select parameter → MENU → EXIT
- ON: Turn on BCL
OFF: Turn off BCL

- 16 Receiving CTCSS**
- MENU → 1 BRT 6 RPT →  → MENU → Press ▲ or ▼ key Select parameter → MENU → EXIT
- 50 groups CTCSS (67.0Hz-254.1Hz)
OFF: Turn off CTCSS
Non-Standard CTCSS Range: 62-260
- 17 Transmitting CTCSS**
- MENU → 1 BRT 7 VOX →  → MENU → Press ▲ or ▼ key Select parameter → MENU → EXIT
- 50 groups CTCSS (67.0Hz-254.1Hz)
OFF: Turn off CTCSS
Non-Standard CTCSS Range: 62-260
- 18 Receiving DCS**
- MENU → 1 BRT 8 SOL →  → MENU → Press ▲ or ▼ key Select parameter → MENU → EXIT
- 105 groups DCS (D023N-D754I)
OFF: Turn off DCS
Non-Standard DCS Range: 0-777
- 19 Transmitting DCS**
- MENU → 1 BRT 9 ROGER →  → MENU → Press ▲ or ▼ key Select parameter → MENU → EXIT
- 105 groups DCS (D023N-D754I)
OFF: Turn off DCS
Non-Standard DCS Range: 0-777
- 20 Scan Mode**
- MENU → 2 SAVE 0 →  → MENU → Press ▲ or ▼ key Select parameter → MENU → EXIT
- 3 Kinds of Scan modes
TO: Time scanning mode
CO: Carrier mode scan
SE: Search mode scan
- 21 Mute Settings**
- MENU → 2 SAVE 1 BRT →  → MENU → Press ▲ or ▼ key Select parameter → MENU → EXIT
- There are three squelch settings: QT*T, QT, QT&T

Shortcut Operation Sheet

- 22 DTMF Sidetone Settings**
- MENU → 2 SAVE → 2 SAVE →  → MENU → Press ▲ or ▼ key Select parameter → MENU → EXIT
- 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**
- MENU → 2 SAVE → 3 STEP →  → MENU → Press ▲ or ▼ key Select parameter → MENU → EXIT
- 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**
- MENU → 2 SAVE → 4 WIN →  → MENU → Press ▲ or ▼ key Select parameter → MENU → EXIT
- Individual Caller IDs can be chosen within the range 100-999999, and cannot begin with 0
- 25 Caller ID Transmission Delay**
- MENU → 2 SAVE → 5 TAP →  → MENU → Press ▲ or ▼ key Select parameter → MENU → EXIT
- Time Option: 100-3000ms
- 26 Ring Time**
- MENU → 2 SAVE → 6 OPT →  → MENU → Press ▲ or ▼ key Select parameter → MENU → EXIT
- 1-10 Levels; each level 1 second
OFF: Deactivate
- 27 Backlight Selection**
- MENU → 2 SAVE → 7 VOX →  → MENU → Press ▲ or ▼ key Select parameter → MENU → EXIT
- Levels: 01-05

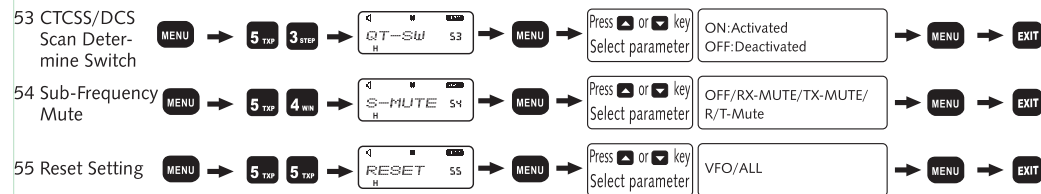
- 28 Offset Frequency**
- MENU → 2 SAVE → 8 SOL →  → MENU → Press ▲ or ▼ key Select parameter → 0-999.99500MHz → MENU → EXIT
- 29 Channel Name Edit**
- MENU → 2 SAVE → 9 DOTS →  → MENU → Press ▲ or ▼ key Select parameter → Channel name should be composed by 26 letters (A to Z) and 10 numbers (0 to 9), eight maximum → MENU → EXIT
- 30 Channel Memory**
- MENU → 3 STEP → 0 →  → MENU → Press ▲ or ▼ key Select parameter → 999 channels available → MENU → EXIT
- 31 Channel Delete**
- MENU → 3 STEP → 1 BRT →  → MENU → Press ▲ or ▼ key Select parameter → 999 channels available → MENU → EXIT
- 32 Priority Channel**
- MENU → 3 STEP → 2 SAVE →  → MENU → Press ▲ or ▼ key Select parameter → 999 channels available → MENU → EXIT
- 33 Priority Channel Scan**
- MENU → 3 STEP → 3 STEP →  → MENU → Press ▲ or ▼ key Select parameter → ON: Activated
OFF: Deactivated → MENU → EXIT
- 34 Keypad Auto Lock**
- MENU → 3 STEP → 4 WIN →  → MENU → Press ▲ or ▼ key Select parameter → ON: Activated
OFF: Deactivated → MENU → EXIT
- 34 Keypad Auto Lock**
- MENU → 3 STEP → 4 WIN →  → MENU → Press ▲ or ▼ key Select parameter → ON: Activated
OFF: Deactivated → MENU → EXIT
- 35 Keypad Lock Mode**
- MENU → 3 STEP → 5 TAP →  → MENU → Press ▲ or ▼ key Select parameter → KEY+PG, KEY+PTT, ALL → MENU → EXIT

Shortcut Operation Sheet

36 Single Tone (S-TONE)	MENU → 3 STEP 6 SFT2 →		Press ▲ or ▼ key Select parameter	1750Hz, 2100Hz, 1000Hz, 1450Hz	→ MENU → EXIT
37 VOX DELAY (VOX-DLY)	MENU → 3 STEP 7 VOX →		Press ▲ or ▼ key Select parameter	OFF/01-05S	→ MENU → EXIT
38 Saving Scan Mode	MENU → 3 STEP 8 SOL →		Press ▲ or ▼ key Select parameter	ALL: Save both RX and TX CTCSS/DCS DEC: Save RX CTCSS/DCS NEC: Save TX CTCSS/DCS	→ MENU → EXIT
39 Auto Power Off (APO-TMR)	MENU → 3 STEP 9 ROGER →		Press ▲ or ▼ key Select parameter	OFF/15-150Min	→ MENU → EXIT
40 Power On Message (PONMSG)	MENU → 4 WIN 0 →		Press ▲ or ▼ key Select parameter	BITMAP: Picture BATTY: battery Power	→ MENU → EXIT
41 Repeater Receipt Tone (RPT-RCT)	MENU → 4 WIN 1 BRT →		Press ▲ or ▼ key Select parameter	ON: Activate OFF: Deactivate	→ MENU → EXIT
42 Scan Add (SCN-ADD)	MENU → 4 WIN 2 SAVE →		Press ▲ or ▼ key Select parameter	ON: When scanning channels, they will be added to the scanning table OFF: Channels will not be added to the table when scanning	→ MENU → EXIT
43 Scan Channel Group NO. (SCN-GP)	MENU → 4 WIN 3 STEP →		Press ▲ or ▼ 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	→ MENU → EXIT

44 Scan Mode (SCN-MODE)	MENU → 4 WIN 4 WIN →		Press ▲ or ▼ key Select parameter	Current Band Scan/Full Bands Scan/Limited FREQ BANGE SCAN	→ MENU → EXIT
45 CTCSS/DCS Scanning (SCN-CD)	MENU → 4 WIN 5 TXP →		Press ▲ or ▼ key Select parameter	CTCSS/DCS	→ MENU → EXIT
46 Call Group ID (CALL-ID)	MENU → 4 WIN 6 SFT2 →		Press ▲ or ▼ key Select parameter	Groups:1-20	→ MENU → EXIT
47 Auto AM (AUTO-AM)	MENU → 4 WIN 7 VOX →		Press ▲ or ▼ key Select parameter	ON: Activated OFF: Deactivated	→ MENU → EXIT
48 AM Switch (AM-SW)	MENU → 4 WIN 8 SOL →		Press ▲ or ▼ key Select parameter	ON: Activated OFF: Deactivated	→ MENU → EXIT
49 PF1 Function Program	MENU → 4 WIN 9 ROGER →		Press ▲ or ▼ key Select parameter	SOS/SF-TX/OFF/CALL ID/R-ALRM	→ MENU → EXIT
50 PF2 Function Program	MENU → 5 TXP 0 →		Press ▲ or ▼ key Select parameter	K-LAMP/OFF/SCN/SECOND/LAMP/SDF-DIR	→ MENU → EXIT
51 PF3 Function Program	MENU → 5 TXP 1 BRT →		Press ▲ or ▼ key Select parameter	R-ALARM/SOS/SF-TX OFF/CALL ID	→ MENU → EXIT
52 Voltage Check	MENU → 5 TXP 2 SAVE →		Press ▲ or ▼ key Select parameter	Display Current Voltage	→ MENU → EXIT

Shortcut Operation Sheet



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($\pm 25K$) or narrow bandwidth FM ($\pm 12.5K$)

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 ----- Menu 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 carrier 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  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  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) ----- MENU 28

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 EXIT to delete the editing content while long press EXIT 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 MENU 2 SAVE 9 ENTER MENU 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