

*Thanks for buying the  **wouxun** transceiver.*

This transceiver offers latest design, enhanced features, solid performances and easy accessibility. We believe you will be pleased with the high quality and reliable features for all your communication needs.

READ THIS IMPORTANT INFORMATION ON THE SAFE AND EFFICIENT OPERATION BEFORE USING  **wouxun** PORTABLE TRANSCEIVER. This manual is ONLY suitable for KG-D901 UHF.

User Safety, Training, and General Information

READ THIS IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION BEFORE USING YOUR  PORTABLE TWO-WAY RADIO.

Compliance with RF Energy Exposure Standards

Your  two-way radio is designed and tested to comply with a number of national and international standards and guidelines (listed below) regarding human exposure to radio frequency electromagnetic energy. This radio complies with the IEEE (FCC) and ICNIRP exposure limits for occupational/controlled RF exposure environment at duty cycles of up to 50% talk-50% listen and should be used for occupational use only. In terms of measuring RF energy for compliance with the FCC exposure guidelines, your radio radiates measurable RF energy only while it is transmitting (during talking), not when it is receiving (listening) or in standby mode.

NOTE

» The approved batteries supplied with this radio are rated for a 5-5-90 duty cycle (5% talk-5% listen-90% standby), even though this radio complies with the FCC occupational RF exposure limits at duty cycles of up to 50% talk.

Your  two-way radio Complies with the following of RF energy exposure standards and guidelines:

- United States Federal Communications Commission, Code of Federal Regulations; 47CFR part 2 sub-part J
- American National Standards Institute (ANSI)/Institute of Electrical and Electronic Engineers (IEEE) C95. 1-1992
- Institute of Electrical and Electronic Engineers (IEEE) C95. 1-1999 Edition
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998

Operational Instructions and Training Guidelines

To ensure optimal performance and compliance with the occupational/controlled environment RF energy exposure limits in the above standards and guidelines, users should transmit no more than 50% of the time and always adhere to the following procedures:

Transmit and Receive

To transmit (talk), push the Push-To-Talk (PTT) button; to receive, release the PTT button.

Hand-held radio operation

Hold the radio in a vertical position with the microphone 2.5cm away from the lips and keep the antenna

far away from your head.

Body-worn operation

Always place the radio in an  approved clip, holder, holster, case, or body harness for this product. Use of non-  -approved accessories may exceed FCC RF exposure guidelines.

Antennas & Batteries

- Use only  approved, supplied antenna or  approved replacement antenna.
- Unauthorized antennas, modifications, or attachments could damage the radio and may violate FCC regulations.
- Use only  approved, supplied batteries or  approved replacement batteries.
- Use of non-  -approved batteries may exceed FCC RF exposure guidelines.

Approved Accessories

For a list of  approved accessories, see the accessories page of this user manual or visit the following website which lists approved accessories: <http://www.wouxun.com>

Notices to the User

- Government law prohibits the operation of unlicensed radio transmitters within the territories under government control.
- Illegal operation is punishable by fine or imprisonment or both.
- Refer service to qualified technicians only.

Warning

- » It is important that the operator is aware of and understand hazards common to the operation of any transceiver. Explosive environment (such as gases, dust, fumes, etc). Turn off your transceiver while talking on fuel, or parking in gasoline service stations.
- » If you require this machine to be developed or get some changes, please contact with  or your  dealer.

FCC Caution:

This equipment has been tested and found to comply with the part 90 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if the equipment is 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. If this equipment

does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and 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 Licensing Requirements

Your radio must be properly licensed Federal Communications Commission prior to use. Your

 Wireless dealer can assist you in meeting these requirements. Your dealer will program each radio with your authorized frequencies, signaling codes, etc., and will be there to meet your communications needs as your system expands.

Precautions

Only qualified technicians are allowed to maintain this product.

Do not use the radio or charge a battery in explosive areas such as coal gas, dust, steam, etc.

Switch OFF the radio while refueling or parking at a gas station.

Do not modify or adjust this radio without permission.

Do not expose the radio to direct sunlight over a long time, nor place it close to heat source.

Do not place the radio in excessively dusty, humid areas, nor place close to heating appliances.

Safety: It is important that the operator is aware of and understands hazards common to the operation of any radio.

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning

» MODIFICATION OF THIS DEVICE TO RECEIVE CELLULAR RADIOTELEPHONE SERVICE SIGNALS IS PROHIBITED UNDER FCC RULES AND FEDERAL LAW.

CE Caution:

Hereby,  declares that this Two-way radio is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

A copy of the DOC may be obtained through the following address.

Address: No.928 Nanhuan Road, Jiangnan High Technology Industry Park, Quanzhou, Fujian 362000,
China

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Professional DMR Transceiver

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Interface for Idle, Call and Main Menu

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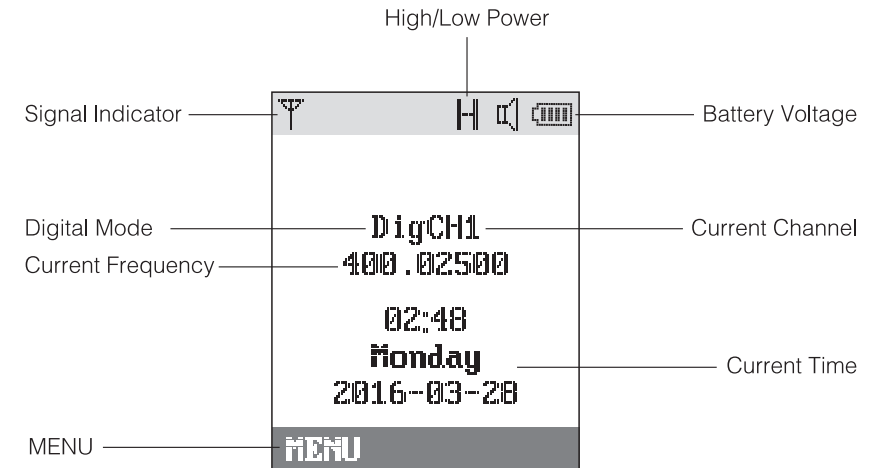
Attention

Main Features Introduction

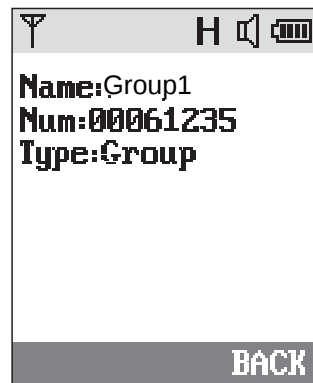
1. Large 1.8 inch TFT LCD Screen, easy for display call log and text
2. Flexible for menu screen control
3. Supported Analogue and Digital Modes
4. All Calls, Group Calls and Selective Calls
5. Programming CTCSS/DCS
6. Real-Time Clock
7. VOX(Programmed by Software)
8. Call Record
9. User Defined for SMS tone
10. Firmfire Upgradable

Interface for Idle, Call and Main Menu

Idle Interface



Call Interface



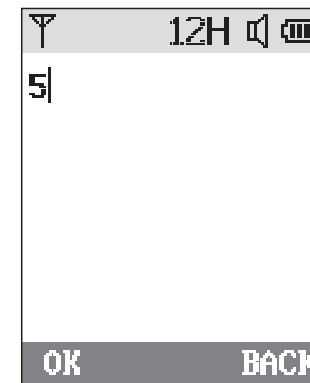
Main Menu Interface



Text Messaging

- A. Inbox
- B. CreateMsg
- C. Outbox
- D. CommMsg
- E. DelMsg

Inbox(Msg list)
CreateMsg(Py, 12, ab, AB)



Text Messaging

Outbox



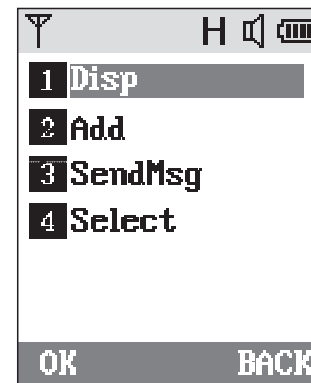
CommMsg



DelMsg



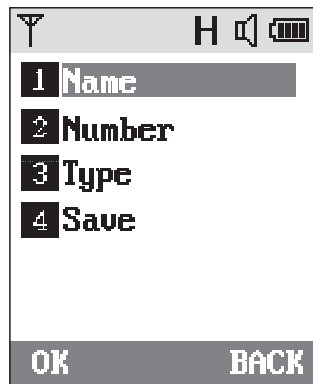
Contacts



A. Display(Name, number and type)



B. Add(Name, Number, Type, Save)

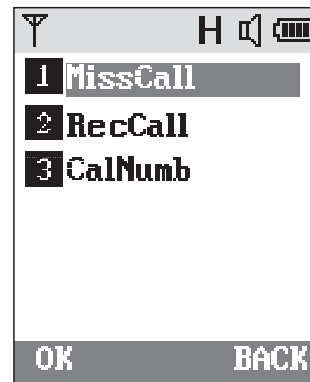


C. SendMsg(Text Messaging)

D. Select (Radio Checking, Call Prompt, Remote Monitor, Radio Disable, Radio Enable)

CallLog

MissCall
ReceCall
CallNumb



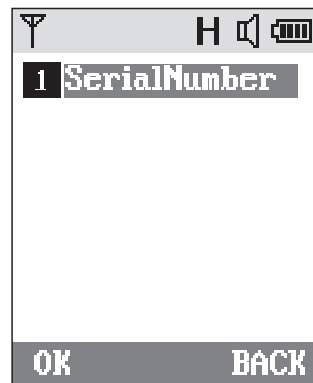
Settings

- Local
- Parameter
- Zone
- Date&Time
- Tone
- Others
- Side key
- Default



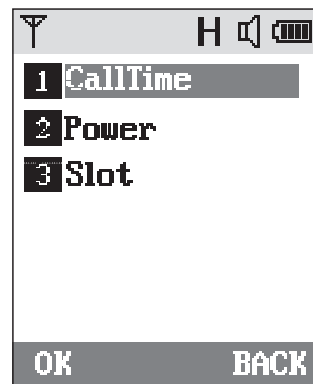
Settings

Local



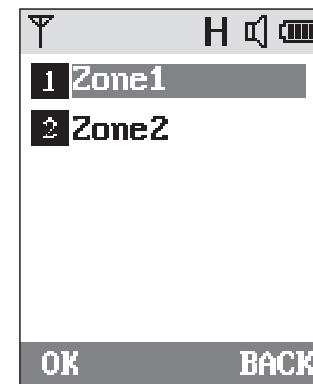
Parameter

- A. CallTime
- B. Power
- C. Slot



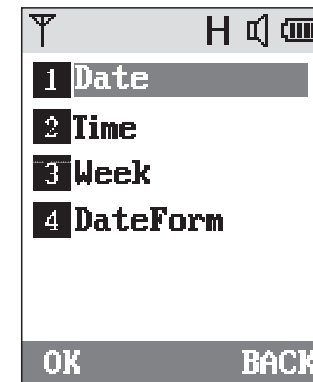
Zone

- A. Zone 1
- B. Zone 2



Data&Time

- A. Date
- B. Time
- C. Week
- D. DateForm(Y/M/D, M/D/Y, D/M/Y)



Settings

Tone

- A. Profiles(General, Silent)
- B. KeyPadSet(KeyRingSw, KeyRingStat)
- C. PowerTone(ToneWs, ToneStat)
- D. MsgTones(Ring 1, Ring 2, Ring 3, Ring 4, Ring 5)

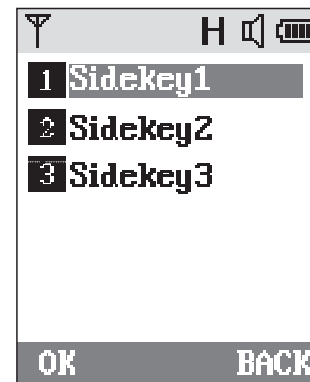


Others

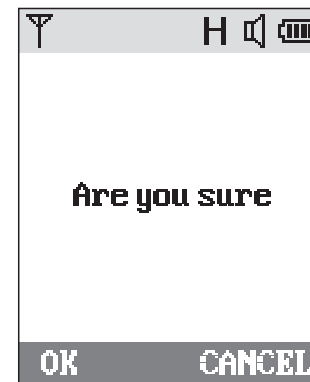
- A. Language(Chinese, English)
- B. Lockkey(TurnOff, TurnOn)
- C. Led(keep light, 5sec, 15sec, 30sec)
- D. Version(Ver.16.01.12)



Side Key

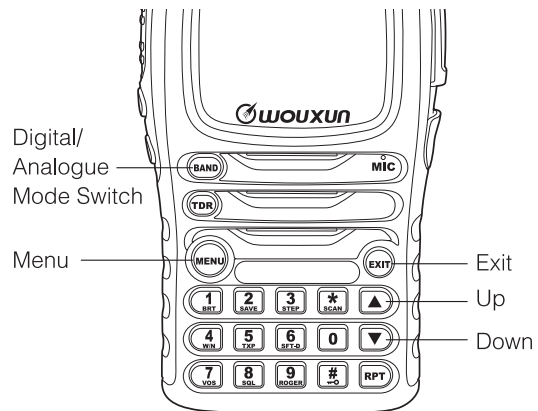


Default

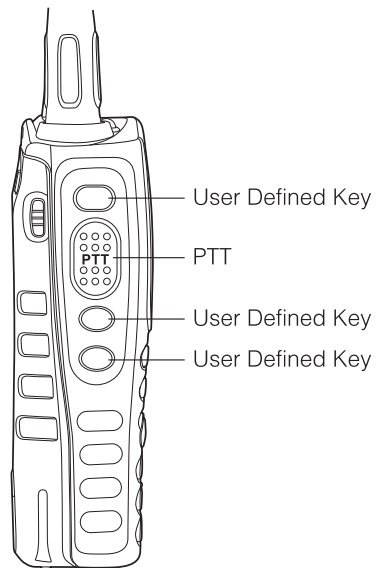


Key Base Layout

Front



Side



Attention

Portable radios should be programmed the compatible frequency and tone with the digital repeater, as well as the independent ID code for each portable radio. (Available ID codes is selectable from 1 to 16776415)