lancotel

GSM FIXED WIRELESS PHONE-LS931

USER MANUAL

1,Brief introduction

Thanks for purchasing and using our gsm fixed wireless phone.

This phone adopted many years production experience of our company, based on market requirements, service you lasted style desktop wireless telecommunication products. It can send wireless sms and voice at anytime, anywhere, suitable remote countries or mountains.

Please take care below instructions before using this phone:

- Please charge the battery continuous more than 12 hours for first time using;
- Do not clean the phone while in operation. Before attempting to clean the Phone, turn the Phone off, disconnect the external power adapter and take out the battery or disconnect the external power supply if used. Before moving the Phone, disconnect the external power adapter or power supply in use. Use a Damp cloth for cleaning. Do not use liquid or aerosol cleaners;
- Do not hold the antenna. This may affect call quality and cause telephone to operate at unintended power levels;
- Keep the antenna free from obstructions and position the antenna straight up. This will ensure best call quality;
- Do not use a damaged antenna. Have this replaced through a qualified technician. Use only antenna approved by the manufacturer. Unapproved antenna may impair the call quality as well as cause damage to the phone;
- Only use the battery and the power adapter or the Power Supply provided with the Instrument. The instrument might get damaged if any other accessories are used. This will also void the warranty;
- It is highly recommended to charge the battery before initial use. The battery might have been discharged during storage and delivery;
- Do not use with car battery. It may lead to electric shock or breakdown.
- Do not throw battery. Batteries are not to be disposed off by putting them in fire. It may explode or catch fire;
- Do not attempt to change the security codes or components. User is responsible for any consequences arising out of such attempt;
- Avoid Shock or Impact. Rough handling can cause damage to the body as well as internal circuits;
- Do not paint;
- During lightening, do not touch power plug or phone line. This can cause electric shock or death. Do not touch the external antenna;
- Your phone is to work with 100-240 V AC. Check the voltage before connecting;
- Do not plug many power cords in the outlet;
- Do not touch the plug with wet hands. Always grasp and pull the plug, not the cord;
- Do not put heavy things on the power cord or bend it too much;
- Do not take out the backup battery without the guide of qualified service personnel;
- If the unit is not working for any reason, do not attempt to repair the instrument. Only qualified service personnel been permitted to service the instrument;

- Place the Instrument and the power supply in a properly ventilated place. Do not place the Instrument near high temperature objects, under direct sunlight, near source of water, near fire or near inflammable and explosive materials;
- Do not place any articles over the instrument;
- Place the Instrument in a dry place and do not expose to moisture;
- Place the Instrument away from other electronic devices like TV and Radio to avoid interference;
- For a better reception, do not place the Instrument in a building with iron or metal roof. Hospitals or health care facilities may be using equipment sensitive to Radio Frequencies. Please ensure that your phone is turned off while in the vicinity of such facilities;
- Do not use the unit in designated “No Service” area;

1. Main features

- Suitable for GSM 900/1800 MHz or GSM 850/900/1800/1900MHz network;
- Redial function;
- Phonebook function;
- Handsfree function;
- Handsfree and ringer volume adjustable;
- Different ring tones and alarm ringers;
- Backlight LCD with date, time, signal strength and battery volume status icons;
- Can save, check, delete and call back incoming, outgoing and missed calls;

2. Technology requirements

- Max power: 0.25W / 0.5W;
- Standby time: 48 hours;
- Idle current: <30mA;
- Working current: <400mA;
- Sensitivity: -105dB;
- Working temperature: -10 degree - +40 degree;
- Working humidity: 45% - 90%;
- Atmosphere pressure: 86 - 106Kpa;
- Humidity: 0-95%;
- Environment noise: <60dB;
- Antenna amplifying: 3.5-12dB;

3. Phone description

1. Handset;
2. LCD display;
3. OK key: confirm your selection in main menu operation;
4. ▲: press this key to increase the volume during conversation; press this key to turn to up page during main menu operating; press this key to set alarm during standby state;
5. MENU: press key to check the menu during standby state;
6. ◄: press this key to edit sms in standby state, press to turn left during sms input state;
7. ▼: press this key to decrease the volume during conversation; press this key to turn to down page during main menu operating;
8. Number keys;
9. On/off: in standby state, press and hold this key for 3 seconds to turn on the phone, press and hold this key for another 3 seconds to turn off the phone,
10. Return: in menu operation state, press this key to exit operation; when new call come, press this key one time to come into “MUTE” state, press this key twice to refuse incoming

call;

11. ►: in standby state, press this key to review incoming, outgoing and missed call records; press this key to turn right during sms input state;
12. Setup: phone setting;
13. Send: press this key to dial the number out without any waiting; in standby state, press this key to review outgoing numbers list;
14. Handsfree key

4. Installment
   - 4.1. Open battery door, put the SIM card into card holder which metal face toward to the PCB board of the phone, make SIM card connect well with the card holder;
   - 4.2. Install the battery into battery door and install battery cover;
   - 4.3. Connect the adapter with the phone and the power;
   - 4.4. Press and hold On/off key for 3 seconds to turn on the phone;

5. Basic operation
   - 5.1. Make calling
     - 5.1.1. Pick up handset and hear dialing tone, input desired number and press "Send" key the number will be dialed out without any delay, or it'll dial out after 5 seconds;
     - 5.1.2. Press "Redial" key to dial last dialed number out;
     - 5.1.3. When find desired number in the call list, press "Send" key can dial this number out directly. During conversation, LCD display conversation time, return the handset to the based or press Handsfree key after conversation;
   - 5.2. Pick up calling

     When new call come, phone ring and LCD display incoming number, pick up handset or press Handsfree key to proceed conversation, return handset to base or press Handsfree key to finish the conversation;
   - 5.3. Redial function

     Pick up handset or in standby state press "Redial" key, the last dialed number will be dialed out;
   - 5.4. Hansfree

     Press Handsfree to have conversation in Handsfree state, press Handsfee key again to finish Handsfree state;
   - 5.5. Adjust conversation volume

Press ▼ key to decrease conversation volume during conversation, press ▲ key to increase conversation volume, total 15 levels. When use handset have conversation can adjust handset volume, when use Handsfree have conversation can adjust Handsfree volume;

6. Menu operation
   - 6.1. Short message

     In standby state, press "OK" key two times to enter short message state.

     Settings: Message center: please check with your network operator to get the message center number;

     Message validity period: can make different selections;

Status report: you can select it on or off;

Save sent messages: you can select save or not save;

Preferred storage: you can select to save the message in phone or sim card;

6.2. Call logs

You can press▲ or ▼ key to select Dialed calls; Received calls; Missed calls; Delete call;

6.3. Contacts

You can press▲ or ▼ key to select contact list saved in sim card or phone;

6.4. Settings

You can press▲ or ▼ key to select Call settings(you can press ▲ or ▼ key to select Network selection; Call divert; Call waiting; Call barring; Others);

Phone settings(you can press ▲ or ▼ key to select Language settings; Shortcut settings; Restore factory settings;);

Display(you can press ▲ or ▼ key to select Adjust contrast; Backlight;);

Security(you can press ▲ or ▼ key to select different PIN code);

Profiles(you can press ▲ or ▼ key to select Normal or Silent);

6.5. Clock

You can press ▲ or ▼ key to select Set time; Set date; Time format; Date format; Alarm;

7. Troubleshooting

LCD no display or no backlight: Reason: no power; Resolution: use original adapter connect with power;

Couldn't dial out: Reason:1. Network signal problem; 2. Signal interference; Resolution: 1. Wait some time to redial; 2. Turn off the phone and re-start it;

Have backlight but no display: Reason: battery use up; Resolution: connect with power to charge battery;

Couldn't find SIM card: 1. Battery use up; 2. SIM card connector isn't good; Resolution: 1. Connect with power to charge battery; 2. Adjust the card holder so that card can connect card holder good;

FCC Statement

1. 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.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 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 not installed and used in accordance with the instructions, 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.

SAR Information Statement

Your GSM Fixed Wireless Phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. * Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use on the body, as described in this user guide, is **0.214W/Kg**(Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RFexposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/ oet/fccid after searching on
FCC ID: 2AU55-LS931 Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Asso-ciation (CTIA) web-site at http://www.wow-com.com. * In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a sub-stantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 25mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.