

Thanks for choosing A310 products.

For the safe and efficient operation of this product, please read this manual and other materials carefully before you first operate it. A310 shall bear no liability for any losses caused by improper operation of this product not in compliance with the instructions and requirements of this manual or by your misunderstanding of this manual, except for losses caused by the improper installation or operation of A310 professional maintenance staff.

A310 has performed careful proofreading of this manual; however, we cannot ensure that there are no mistakes or omissions of any kind in this manual.

A310 strives to continuously improve the functions of its products and the quality of its services. Therefore, the company reserves the right to make changes to any of the products and software programs described in this Manual as well as the content of this Manual itself without giving prior notice.

This manual intends to help you to operate this A310 product properly and represents no statements on the software and hardware configuration of this Product. For detailed information about the product configuration, please refer to the contract related to this product (if any) or consult the dealer of this product. The pictures in this Manual are only for reference. In the event that there are any inconsistencies between pictures and the actual product, the form of the actual product shall be taken as final. Many network functions introduced in this manual are special services provided by the network

service operator, therefore whether these network functions can be used or not depends on your network service operator.

The content of this Manual is protected by copyright law. Without the prior authorization of A310, you are not permitted to duplicate or copy this Manual in any way, transmit in any way via wired or wireless networks or translate it into any other languages.

Contents

1 . Attention and Precautions -----	5
1.1 SAFETY PRECAUTIONS	5
1.2 PRECAUTIONS WHEN USING PHONE	5
1.3 PRECAUTIONS WHEN USING BATTERIES	6
1.4 PRECAUTIONS FOR CHILDREN.....	6
2 . Your Phone-----	7
3 . Getting Started-----	10
3.1 BATTERY	10
3.2 REMOVING AND INSTALLING BATTERY	10
3.3 CONNECTING TO NETWORK	13
3.4 INSERTING AND REMOVING SIM CARD	13
3.5 INSERTING AND REMOVING MEMORY CARD	14
3.6 POWER ON/OFF PHONE.....	15
3.7 UNLOCKING SIM CARD	15
3.8 UNLOCKING PHONE	16
3.9 CONNECTING TO NETWORK.....	16
4 . Basic Functions -----	18
4.1 MAKING A CALL.....	18
4.2 MAKING DOMESTIC CALLS	18
4.3 DIALING EXTENSION NUMBER OF FIXED-LINE TELEPHONE	18
4.4 DIALING INTERNATIONAL CALLS	19
4.5 DIALING PHONE NUMBERS IN THE CALL RECORDS	19
4.6 EMERGENCY CALLS.....	20
4.7 ANSWERING A CALL.....	20

4.8 CALL RECORDS.....	20
4.9 CALL OPTIONS.....	21
4.10 CREATE A NEW SHORT MESSAGE	22
4.11 CREATE A NEW MULTIMEDIA MESSAGE	22
4.12 ADD NEW ENTRY	23
4.13 NETWORK SETTINGS.....	23
5 . Menu tree -----	24
6 . Input method-----	26
6.1 ENTERING ENG (ABC AND ABC)	26
6.2 ENTERING NUMBERS.....	26
6.3 ENTERING SYMBOLS	26
<u>7 . Appendix</u>-----	27

1 . Attention and Precautions

Please read these brief rules. Violation of these rules might cause danger or break laws.

1.1 Safety Precautions

Road safety comes first

When driving, care must be taken for using phone; if driving conditions are poor, please pull up at road side to use phone.

Power off your phone in hospitals

Please abide by relevant regulations or rules. Please power off when close to medical equipment.

Power off your phone in aircrafts

Wireless phones can cause interference. Using phones in aircraft is both dangerous and illegal.

Power off your phone when refueling

Do not use the phone at a refueling station or near fuels or chemicals.

Power off your phone when close to blasting area

To avoid interfering with blasting operations, turn your phone **OFF** when in a “blasting area” or in areas posted: “turn off two-way radio”. Obey all signs and instructions.

1.2 Precautions When Using Phone

Interference

All phones are subject to interference, which will affect their performance.

Use sensibly

Use phone only in its normal position. Please do not touch antenna area unless necessary.

Use qualified servicing

Only qualified maintenance staff can assemble or repair the equipment.

Waterproof

Your phone is not waterproof, please keep it dry.

Emergency calls

Make sure the phone is powered on and in service. Input emergency service number and press Dial key, give your location and do not end the call until told to do so.

1.3 Precautions When Using Batteries

Keep the batteries away from fire; do not dispose of batteries in a fire lest there should be danger.

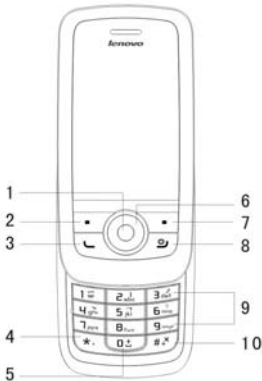
Do not dispose of used batteries in rubbish, and they should be sent to designated recycling center.

1.4 Precautions for children

Keep the phone out of the reach of children, lest children treat it as toy and cause personal injury.

2 . Your Phone

Description of keypad keys



1, OK key

In standby mode ,press this key enter to the Browser.

2, Left soft key

Carry out the functions of the indicator showed at the lower left corner of the monitor.

3, Dial key

Dial or answer a phone call.

4, * key

7

This key has different functions in different state or function menus.

5, 0 key

Hold down the 0 key when the phone is idle to enter a "+" symbol (international access code).

6, Direction key

The key is split into 4 directional keys: up, down, left and right. Move the cursor up, down, left and right in edit mode.

Press the directional key in idle interface to enter the corresponding function interface. Up Key: to access the Write Message; Down Key: to access the Telcel; Left Key: to access the Phonebook; Right Key: to access the Games.

7, Right soft key

Carry out the functions of the indicator showed at the lower right corner of the monitor.

8, End key

End or reject a call. Press and hold the key to power on/off the phone. In other circumstances, press the key to return to standby state.


9, number key

















Enter numbers and characters. In standby state, press and hold "1" to enter Voicemail, number 2-9 may be set up as shortcut keys in phone setup; in menus, press number key to fast choose the menu option.

10, # key

This key has different functions in different state or function menus.

Screen Icons

Icons	Description	Location
	Signal strength indicator	Icons Area

	GPRS Connected	Icons Area
	Alert Type is Ring	Icons Area
	Alert Type is Vibration	Icons Area
	Alert Type is Vibration and Ring	Icons Area
	Alert Type is Vibration then Ring	Icons Area
	Alert Type is Silent	Icons Area
	Unread SMS	Icons Area
	Unread MMS message	Icons Area
	New WAP Push	Icons Area
	Alarm Enabled	Icons Area
	Call Divert Unconditionally	Icons Area
	Battery level	Icons Area
	New missed calls	Icons Area
	Keypad Locked	Icons Area
	The headset is being used	Icons Area
	Bluetooth is on	Icons Area

3 . Getting Started

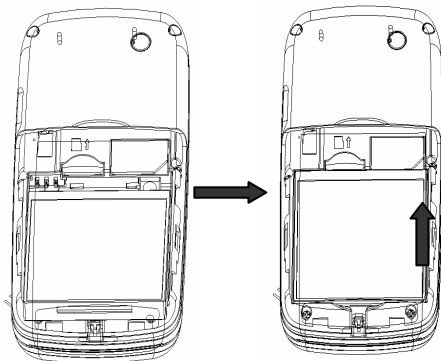
3.1 Battery

The battery at its initial condition is charged to 50% full, and can be used after unwrapping. For the first three times of charging, do not recharge until the battery is totally exhausted, so that the battery can reach its best usage performance.

3.2 Removing and installing battery

For removing:

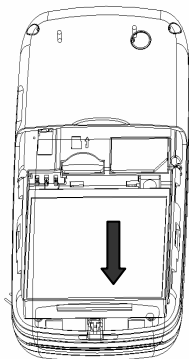
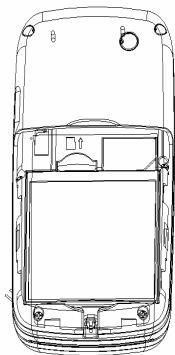
- A. Push the battery back cover;
- B. Lift the battery up as indicated by the arrow;
- C. Take the battery out.



Warning: Make sure to power off the phone before taking out SIM card, otherwise your SIM card might be damaged.

For installing:

- A. Place the metal contact points of the battery upward and flush with metal contact points in the battery bay, then insert the bottom of battery into battery bay;
- B. Place the back cover of the battery onto the phone squarely, and push in the direction of the arrow till it clicks into place.



Charging Battery

While charging, the power supply indicator at phone's screen icon zone will flash in a rotation manner, if the phone is off while charging, a charging screen will still appear, indicating that the phone is recharging. If the phone is still being overused while the power supply is insufficient, the recharging indicator will appear on the screen after the recharging has started for a while.

When the power supply indicator at the screen's icon zone shows full and stops flashing, it means charging has completed. If it takes place when the phone is off, the screen will display charging-finished icon. The process generally takes about 2.5 hours. It is normal that the

battery, the phone and the charger will become hot during the charging process.

Charging completing, disconnect the phone and the charger from the AC power supply.

Note: Battery must be charged in a well ventilated place with surrounding temperature at $-10^{\circ}\text{C}\sim+55^{\circ}\text{C}$, and it is imperative that a charger provided by manufacturer is used. Using unauthorized charger might cause danger, which also violates warranty terms prescribed by the manufacturer. If the charging temperature is too high or too low, the phone will automatically give warning and stop charging, so as to prevent damages to battery or dangers.

3.3 Connecting to Network

SIM card

A valid SIM (Subscriber Identity Module) card must be inserted in the phone before using it.

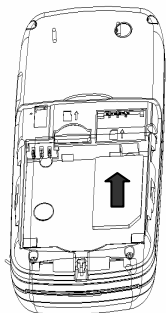
All information related to making connection to the network are recorded in the chips of SIM card, including the names, phone numbers and short messages you have stored in the SIM card Phone book. In order to prevent loss or damage of the info in the SIM card, it is necessary to avoid touching metal contact surface, and keep SIM card far from electricity current and magnet.

3.4 Inserting and removing SIM card

Power off the phone; remove battery and other external power connection, as shown in the image.

Insert SIM card into SIM card socket.

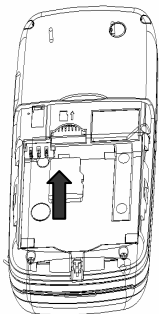
When you need to remove SIM card, please power off the phone first, remove battery, then remove the card.



3.5 Inserting and removing memory card

Power off the phone; remove battery and other external power connection.

Insert memory card into card slot as shown in the image.



3.6 Power on/off phone

To power on or power off phone, please press and hold the End key. Then the screen will display the following prompts in sequential order:
Enter phone password – if you have set up phone lock password.
Enter PIN – if you have set up SIM card password.
Search – the phone will search till finding appropriate network connection.

3.7 Unlocking SIM card

To prevent illegal usage, PIN (Personal Identification Number) code is adopted to encrypt for protection of your SIM card. Selecting this option and if having set up PIN code protection, you have to enter PIN

code each time you start it, unlocking SIM card to use the mobile phone.

Users can erase SIM card password; however, in this case SIM card cannot prevent illegal usage.

Press and hold the End key to power on the phone;

Enter PIN code, use right soft key to delete input-errors, left soft key for "OK". For instance, if PIN setting is 1234, then enter the following input: 1 2 3 4 "OK".

If there are three consecutive input errors, your SIM card will be locked up by the network, the phone will inquire PUK code.

Note: Your service provider will set up a standard PIN (4 to 8 digits) number for your SIM card; you should change it into your private password as soon as possible.

3.8 Unlocking phone

The phone lock protects your phone from unauthorized use. The default phone lock code is 1234. You can change it into any numeric string of 4 to 8 digits.

If the phone lock function is enabled, you need to enter the correct phone lock code when the phone is powered on or in the standby mode.

3.9 Connecting to network

After SIM card is successfully unlocked, the phone will automatically search available network (with searching showing on the screen). Once the connection is made, the name of the service provider will be

displayed on the top central part of the text and graphic area. At this time your phone has been connected to the service network.

Note: If the screen prompts "Emergency ", this means you have moved out of the normal network coverage (service range) or your card has not passed authentication, but you can still transmit emergency calls based on signal strength.

4 . Basic Functions

4.1 Making a call

When the logo of service provider appears on the display screen, you can dial or receive calls. The info bar at the upper left corner of the display screen shows network signal strength (when there are 5 info bars the signal is at its strongest).

The call quality is very likely to be affected by obstructions; therefore movement in a small area can effectively improve call performance.

4.2 Making domestic calls

Enter phone number, and then press Dial Key to make the call. If the user needs to change phone number, press right soft key "Clear" back and delete numbers. Dialing animation will be displayed on the screen during dialing. Call state info will be shown on the screen after the called party ends the call

You can enter and dial domestic call following the order:

Area code Phone number Dial

4.3 Dialing extension number of fixed-line telephone

Some extension numbers of fixed-line telephone cannot be connected directly, you must dial the power board phone number, then press * key to power continually, until the screen displays "P", then dial extension number.

You can dial extension numbers of fixed-line telephone in the following

order:

Area code Power board number P Extension number Dial Key

4.4 Dialing international calls

To make an international call, you may press 0 key to power continually, till the screen displays the pre-digit symbol "+" for international long distance call, which will enable you to make a call from any country without knowing the local international access code. You can enter numbers in the following sequence to make an international call:

+ Country code complete phone number Dial Key.

After inputting prefix number, input the code and the complete phone number of the wanted country. The country code follows usual practice, such as Germany 49, UK 44, Sweden 46, etc.

Like making an international call, the "0" before city code number should be dropped.

For instance, if making a call to a service hotline from other countries to Shanghai, you should dial: +86 21 114

4.5 Dialing phone numbers in the call records

Every phone number you have dialed or received will be stored in the list of phone call records. The latest dialed, received and missed numbers will be listed, according to their types, in the respective menu of dialed calls, received calls and missed calls. When call record list is full, the old numbers will automatically be deleted. To view the list, do the followings:

In standby state press Dial 1/2 key to view the record for dial calls.

All phone numbers in the list can be dialed directly by pressing the Dial key.

When the list is displayed, press “OK” to read the details, then “options” to Save or Delete the number.

4.6 Emergency calls

As long as in the network service range (which can be confirmed by checking the signal strength bars on the top left corner of the screen), you can always call emergency service. If your network supplier does not provide roaming service in your area, the screen will display "Emergency", to inform you that only emergency call is permitted. If you are within the network service range, you can also make emergency calls even without the SIM card.

4.7 Answering a call

Simply press dialing key or “answer” key can answer an incoming call. If an earphone has been connected, use the button on the earphone to answer a call, and if it is not convenient for you to press it, set automatic answer as on, assuring that the earphone is plugged on, so as to make calls automatically answered while the phone rings or vibrates. If Any Key answer function is chosen, pressing any key, other than End key and right soft key, can answer an incoming call.

4.8 Call records

Your phone can also store call records of the latest missed calls, received calls, dialed calls, the time of last call as well as total amount of received calls and total dialed calls for you.

4.9 Call options

In connected state, pressing left soft key "Options" can enter call option, or pressing right soft key "H-free" to activate speaker, under activated-hands free condition, press right soft key "H-hold" to power off speaker. Operation methods of call options are the same with that of Function menu.

This call options can only be viewed during call process, moreover, the functions of call waiting, call holding, and conference calls need service support, please contact your service provider for details.

In the call options, you can make the following operations:

Hold Single

Make the current call hold.

End Single

End the current call.

New call

Enter new dialing interface.

Phone book

Enter Phone book menu.

Messages

Enter Short message menu. Owing to restriction of network engagement, MMS function is barred during call process.

Sound Recorder

Record the current call.

Background sound

Setup the background sound for the current calling.

Mute

When setting of powers, which disable the transmission of local call if

mute function is on.

DTMF

Operations of DTMF powering on and off

Conference*

Enter multiple party conference call state. By following the prompts, you can have the following functions: receive waiting calls, add them into multiple party call, maintain the multiple party call, talk privately with one party of the conference while maintaining all other callers, connect one party in the call conference with another party while exiting the multiple party call oneself, maintain one party of the multiple party call and end current call and all other maintained calls.

Note: The menu marked * items will only appear in special circumstances. For conference function, it is necessary to apply for service supply to corresponding service operator.

4.10 Create a new short message

Enter text.

Press the left soft key (Option) and select the required items, including Use template , Insert object , Format text , Insert PHB number, Insert PHB name, Insert Bookmark and Input method.

Press the left soft key (**Option**) and select **SIM done**.

4.11 Create a new Multimedia Message

Enter recipients in **to** by pressing the left soft key (**Edit**) .Confirm with done.

Enter a subject in **Subject** by selecting **Edit**.

Enter text in Edit content by selecting Edit.

Press the left soft key (**Option**) and select the items you want to send, including images (add picture), audios (add audios), add video files in other formats (Add attachment) and slide (add slide before/after), add bookmark text, preview and so on.

Confirm the contents by selecting **Option** and **Done**.

Press the right soft key (**Done**) for send options.

4.12 Add new entry

1. Select "Phone Book > Add New Entry".
2. Press left soft key (**Option**) to save the contact "**To SIM**" or "**To Phone**".
3. Edit contact.

If you want to save to SIM, you can only edit name and number.

4. Finish editing, press right soft key (**Done**), pop-up message to preserve the contact person.

Press left soft key (**Yes**) to save; press right soft key (**No**) to exit.

4.13 Network Settings

Setup the data account:

1. Select "Menu > Settings > Data Account".
2. Select your service provider from list. Press left soft key (**Edit**) or OK key to open.
3. Setup the data account with the information provide by your service provider.
4. Press left soft key (**Done**) , pop-up message to preserve.
5. Press left soft key (**Yes**) to save; press right soft key (**No**) to exit.

5 . Menu tree

- 1 Call History
 - 1-1 Missed Calls
 - 1-2 Dialed Calls
 - 1-3 Received Calls
 - 1-4 Delete Call Log
 - 1-5 Call Time
 - 1-6 Call cost
 - 1-7 SMS Counter
 - 1-8 GPRS Counter

- 2 Phone Book
 - 2-1 Quick Search
 - 2-2 Search Entry
 - 2-3 Add New Entry
 - 2-4 Caller Group
 - 2-5 Extra Number
 - 2-6 Settings
 - 2-7 Batch Operation

- 3 Messages
 - 3-1 SMS
 - 3-2 MMS
 - 3-3 Chat
 - 3-4 Voice Mail Server
 - 3-5 Broadcast Message

- 4 Telcel
 - 5 Services
 - 5-1 Homepage
 - 5-2 Bookmarks
 - 5-3 Recent Pages
 - 5-4 Offline Pages
 - 5-5 Enter Address
 - 5-6 Service Inbox
 - 5-7 Settings
 - 6 Multimedia
 - 6-1 Audio Player
 - 6-2 Video Player
 - 6-3 Camera
 - 6-4 FM Radio
 - 6-5 E-Book Reader
 - 6-6 Image Viewer
 - 7 Fun & Games
 - 7-1 Games
 - 8 Tools
 - 8-1 Alarm
 - 8-2 Calendar
 - 8-3 To Do List

- 8-4 Stopwatch
- 8-5 Calculator
- 8-6 Sound Recorder
- 8-7 Unit Converter
- 8-8 Currency Converter
- 8-9 World Clock
- 8-10 Bluetooth
- 8-11 User Profiles
- 8-12 File Manager

- 9 Settings
- 9-1 Display Characteristic
- 9-2 Phone Setup
- 9-3 General Call Setting
- 9-4 Shortcuts
- 9-5 Security Setup
- 9-6 Network Setup
- 9-7 Data account
- 9-8 Restore Factory Settings

6 . Input method

6.1 Entering Eng (ABC and abc)

In the "ABC" or "abc" input mode, you can press a key labeled the desired letters once to enter the first letter on the key, twice to enter the second letter on the key, and so on.

6.2 Entering Numbers

In the "123" input mode, press a key labeled the desired number.
In the "ABC" or "abc" input mode, press a numeric key repeatedly until the desired number appears on the screen.

6.3 Entering Symbols

To any input modes, press * key to display a symbol list.

7 7 . Appendix

1. 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:

2. We declared that the product is installed with battery separately in the box. The FCC ID label is placed on the mobile phone clearly visible to all persons at the time of purchase.

3. 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 1.6W/kg. FCC RF Exposure Requirements: For body-worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 1.5cm from the body. The highest SAR value for the model phone as reported to the FCC when tested for use at the ear is 0.832 W/kg(1g) and when worn on the body, as described in this user guide, is 1.480W/kg (1g).

4. Caution: Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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.

Version: V1.0