

Mobile phone

Brand: Zechin/Ctran

Model: S902/GQ902

FCC ID: HA4-GQ902

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1 General Information

Please read this pamphlet carefully in order to make your phone in perfect condition.

Our company may change this mobile phone without prior written notice and reserves the final right to interpret the performance of this mobile phone.

Due to different software and network operators, display on your phone may be different, refer to your phone for details.

2 Your phone

2.1 Phone overview



2.2 Functions of Keys

The mobile phone provides the following keys:

- ◆ Dial key
Press it to originate a call by entering the called number or selecting a contact from the phonebook; or press it to receive an incoming call; or press it in standby state to show the latest call
- ◆ End key
Press it to end a call being dialed or end an ongoing call; or press it to exit the menu and return to the standby state; or hold it for two or three seconds to power on or off the mobile phone.
- ◆ Direction key
Press them to scroll the options when browsing a function list. In edit state, press direction keys to navigate.
- ◆ OK key
Press it to confirm your selection.
- ◆ Left and right soft key
In standby interface, press left soft key can enter the main menu interface, press right soft key can enter the phonebook interface. In submenu interface, the bottom line on the screen displays the functions of the Left and Right soft key.
- ◆ Space key
Press it in the edit interface to get a blank.
- ◆ Del key
Press it to delete a character before cursor.
- ◆ Linefeed

In idle screen, this key helps to switch to another line.

◆ Sym key

Press it in the edit interface to input a symbol.

◆ Shift key

Press it to switch between input methods.

◆ Alt key

In edit interface, press it to input an alternative symbol or number.

◆ Caps key

In edit interface, you can press it to switch between upper case and lower case;

◆ **Number keys, letter keys**

Press number keys 1 through 9 in input or edit state to input numbers and characters; Press letter keys A through Z in input or edit state to input letters and characters;

2.3 Technical specifications

Phone

Dimensions (W×D×H):

Weight:

Lithium battery

Rated capacity:

Continuous standby duration: (Relates to network status)

Continuous conversation duration: (Relates to network status)

Please refer to their labels for other data related to the battery and the charger.

3 Input method

This mobile phone provides multiple input methods, including Smart English input, Normal English input and numeric input. You can use these input methods when editing the phonebook, short messages, files and greeting text.

3.1 Icons for Input Methods

- Numeric input: “123”
- Smart English input: “ES, Es, es”
- Normal English input: “ABC, Abc, abc”

3.2 English input and numeric input:

- ◆ You can input numbers with the numeric input method. Press a number key to input the corresponding number.
- ◆ Press **space** key to get a vacancy.
- ◆ To clear wrong inputs, press the **Delete** key.
- ◆ Press the **sym** key to enter the **Select symbol** interface, use direction keys to select a symbol you want.

4 Using the Menu

4.1 Phonebook

The mobile phone can store up to 500 telephone numbers. The number of telephone numbers that an SIM card can store depends on the storage capacity of the SIM card. The telephone numbers stored in the mobile phone and in the SIM cards form a phonebook.

4.2 Call history

Through this function, you can view a list of all calls, missed calls, dialed call and received calls.

4.3 Services

Internet service

This function enables you to view the internet. Your phone will ask you with existed way. You can start to view only by starting corresponding way.

- ◆ **Homepage:** indicates the default website of the internet
- ◆ **Bookmarks:** used to save most commonly-used websites
- ◆ **Input address:** input the website to be searched and press OK key to access to the network.
- ◆ **Last web address:** You can view your last visited web address through this function.
- ◆ **Recent pages:** browse the record of the recently browsed web pages
- ◆ **Settings:** set up WAP-related service

Note: Consulting the local network operator for related fee and specific setup.

Licence manager

This function enables you to manage a list of Licences.

STK

STK service is the tool kit of SIM card. This phone supports the service function .The specific items are depended by SIM card and network. Service menu will be auto added to the phone menu when supported by network and SIM card.

4.4 Multimedia

TV

You are able to access this menu to watch mobile TV programs. Before you watch TV programs, you'd better select the right area. Then you can search available channels and select channel to play. In TV player interface, you can press * key to start auto search; press # key to switch to full screen play; press I- or O/+ key to tune volume.

Camera

The phone is provided with a camera, which supports the photographing functions. Roll the phone to align the camera to the picture and then press OK key to capture photos. In the capture interface, you can press left or right direction key to tune exposure value; up or down direction key to zoom in and zoom out.

Image viewer

You can view the pictures or images through this function.

Video recorder

This function enables you to record dynamic pictures. Press OK to start or pause recording.

Video player

This function enables you to play video clips.

Audio player

Use this function to play audio files.

Sound recorder

The phone support WAV and AMR. The AMR takes the compression algorithm. So in the same memory condition, it has longer recording time than WAV.

FM radio

Your phone is equipped with an FM radio. You can use the application as a traditional FM radio with automatic tuning and saved channels.

File manager

The phone provides a certain space for users to manage files and supports the memory card. You can use the file manager to conveniently manage various directories and files on the phone and the memory card.

4.5 Calendar

Once you enter this menu, there is a monthly-view calendar for you to keep track of important appointments, etc. Days with events entered will be marked.

4.6 Camera

The phone is provided with a camera, which supports the photographing functions. Roll the phone to align the camera to the picture and then press OK key to capture photos. In the capture interface, you can press left or right direction key to tune exposure value; up or down direction key to zoom in and zoom out.

4.7 Messages

Through this function, you can create, read or send a new message.

4.8 User profiles

The mobile phone provides multiple user profiles, so that you can customize some settings to adapt to the specific events and environments.

4.9 Audio player

Use this function to play audio files.

4.10 FM radio

Your phone is equipped with an FM radio. You can use the application as a traditional FM radio with automatic tuning and saved channels.

4.11 Fun & Games

Two games are embedded in this menu. For specific operation, please refer to 'help' option of the game.

4.12 Organizer

- ◆ **Calendar:** Once you enter this menu, there is a monthly-view calendar for you to keep track of important appointments, etc. Days with events entered will be marked.
- ◆ **Tasks:** You can create new memos through this function. If you have set the alarm for the memo, alarm will sound when time is up, the content of memo will display at the same time.
- ◆ **Alarm:** Five alarm clocks are set but deactivated by default. You can activate one, multiple or all of them as needed. For each alarm clock, the ringing date and the ringing time can be set.

- ◆ **World clock:** Access this menu to view time of main cities in various time zones.
- ◆ **Notes:** You can record some information in this menu.
- ◆ **Calculator:** The calculator can add, subtract, multiply and divide.
- ◆ **Currency converter:** To use this function: First, Input one rate and confirm. Second, input local money amount. Last, press OK key to get the amount of foreign currency.
- ◆ **Stopwatch:** Stopwatch is simple application for measuring time with possibility to register several results and suspend/resume measurement.
- ◆ **Ebook reader:** Ebook reader enables you to read TXT file. Through the USB connecting line putting files to Ebook folder of phone or memory card.

4.13 File manager

The phone provides a certain space for users to manage files and supports the memory card. You can use the file manager to conveniently manage various directories and files on the phone and the memory card.

4.14 Java

- ◆ **Java** is a folder where downloaded games and applications are stored.
- ◆ **Java settings:** You can set the java audio(1-7 or off), Java backlight(on/off), Java vibration(on/off), Java network and Heap size.
- ◆ **Java default security:** Set Java default security related parameters as needed.

4.15 Settings

- ◆ **Dual SIM switch:** Manually selected by user and automatically decided by SIM cards are available for you to choose. You can select one of them as per your needs.

- ◆ **Dual SIM settings:** Dual SIM refers to two SIM card slots, and the two cards can standby at the same time or set one of them to display on the idle screen.
- ◆ **Phone settings:** Through this function, you can set time, date, language, shortcuts, etc. Note: When flight mode is engaged, it will suspend many of the device's signal transmitting functions – thereby disabling the device's capacity to place or receive calls or text messages– while still permitting use of other functions that do not require signal transmission (e.g., games, built-in camera, MP3 player.)
- ◆ **Display:** Users can access this item to set wallpaper, screen saver, power on/off display, etc.
- ◆ **Call settings:** Through this function, you can set call waiting, call barring, call divert, etc.
- ◆ **Network settings:** Set Network selection mode to Automatic or Manual. Automatic is recommended. When Network selection mode is set to Automatic, the mobile phone will prefer the network where the SIM card is registered. When Network selection mode is set to Manual, you need to select the network operator's network where the SIM card is registered. Moreover, you can select the preferred networks. By default, the network where the current SIM card is registered will be displayed.
- ◆ **Security settings:** You can use the security settings to ensure the safety of mobile phones and SIM cards to use. The initial phone lock code is set to 0000 by the manufacturer.
- ◆ **Restore factory settings:** Use this function to restore factory setting. The initial password is 0000.
- ◆ **Sound effects:** Access this menu to set audio effect as per your needs.
- ◆ **Data account:** Access this interface to set data account related parameters.

4.16 Lock keypad

Select this function to lock keypad. When the keypad is locked, you can press right soft key then **space** key to unlock keypad.

4.17 Power off

Select this function to power off the mobile phone. When the phone is powered off, you can long press **end** key to power on it.

5 Appendix

Appendix 1: Troubleshooting

If you find exceptions when operating the mobile phone, restore the factory settings and then refer to the following table to solve the problem. If the problem persists, contact the distributor or service provider.

Fault	Cause	Solution
SIM card error	The SIM card is damaged.	Contact your network service provider
	The SIM card is not in position.	Check the SIM card
	The metal face of the SIM card is polluted.	Clean the SIM card with a clean cloth

Poor received signal quality	Signals are obstructed. For instance, radio waves cannot be effectively transmitted nearby a high building or in a basement.	Move to a place where signals can be effectively transmitted
	Line congestions occur when you use the mobile phone in high-traffic hours	Avoid using the mobile phone in high-traffic hours

The mobile phone cannot be powered on	The battery energy is exhausted.	Charge the battery
Calls cannot be dialed	Call barring is activated	Cancel call barring
The mobile phone cannot connect the network	The SIM card is invalid	Contact your network service provider

	The mobile phone is not in a service area of the GSM network	Move to the network operator's service area
	The signal is weak	Move to a place where the signal quality is high
The battery cannot be charged	The charging voltage does not match the voltage range indicated on the charger	Ensure the charging voltage matches the voltage range indicated on the charger
	An improper charger is used	Use the charger specially designed for the mobile phone
	Poor contact	Ensure the charger plug is in good contact with the mobile phone

FCC RF EXPOSURE INFORMATION:

WARNING!! Read this information before using your phone

In August 1986 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards. Use only the supplied or an approved antenna. Unauthorized antennas modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

BODY-WORN OPERATION:

This device was tested for typical body-worn operations with the back of the phone kept 1.5cm from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 1.5cm must be maintained between the user's body and the back of the phone, including the antenna, whether extended or retracted. Third-party belt-clips, holsters and similar accessories containing metallic components shall not be used. Body-worn accessories

that cannot maintain 1.5cm separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

For more information about RF exposure, please visit the FCC website at www.fcc.gov

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1). Nevertheless, we recommend that you use a hands-free kit with your phone (such as an earpiece or headset) to avoid potential exposure to RF energy. The design of your phone complies with the FCC guidelines (and those standards).

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

NORMAL POSITION:

Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

RF Exposure Information:

FCC RF Exposure requirements: The highest SAR value reported under this standard during product certification for use next to the body with the minimum separation distance of 1.5cm is **0.341W/kg**, next to the head is **0.310W/kg**. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter.

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: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications 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

Do not use the device with the environment which below minimum -10°C or maximum over 50°C, the device may not work.

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