Quad-Band GSM/GPRS Handset

QS499

User's Manual

UNPACKING

Thank you for purchasing QS499. Check whether your phone comes equipped with all the necessary components, as shown in the figure below. If the product is defective or there is a component missing, immediately contact the office where you bought our phone.

■ The packing list contains:

QS499 Handset	Travel adaptor / USB Cable	Battery (Li-ion)	Earphone	User's manual

SAFETY INFORMATION ━━━━━━━━━━●

PERSONAL USE

Operation of any radio equipment including mobile phones may interfere with the function of inadequately shielded medical devices such as hearing aids and pacemakers. Please consult the manufacturer of these devices or your physician before use.

In oil depots and chemical factories where explosive gas or other products are stored, the user should pay close attention to the restriction on the use of mobile phone. Even if your phone is in the idle mode, it will still transmit radio frequency signals. Therefore, you must switch off when requested to do so.

Note traffic safety. When you are driving, please do no use your mobile phone. Stop on the side of the road when you do need to use it. Avoid making calls with your cellular phone in stormy weather.

Safety Information related with children:
- Be cautious of children swallowing the small parts such as the SIM card.
- Prevent children from playing with your cell phone as toys. For example, behaviors like throwing, biting the phone, or immersing it into water should be avoided.
- Do not let children less than 14 years old hang the phone around the neck.

MOBILE PHONE USE

Please use only the accessories or parts offered by the manufacturer or those authorized by the manufacturer. Use of unauthorized accessories might influence the performance of the phone. What's worse, your phone might get damaged and harm will be caused to your body. It might even violate the national regulations on the telecommunication terminal products.

Do not use chemical products like cleaning solvents or detergents to clean your phone. It is recommended that you use slightly damp and static electricity proof cloth instead of cloth that is dry and easy to catch static electricity. Before cleaning, you should switch off your phone.

Your mobile phone produces magnetic fields. Do not place it next to magnetic storage media such as computer diskettes. Operating your mobile phone close to other electrical equipment such as televisions, phones, radios and personal computers may cause interference and therefore influence the performance of your phone.

Do not expose your mobile phone to strong sunlight, direct heat or any liquids in case of any damage.

Harsh handling behaviors such as throwing; beating which might damage the internal integrated circuit of the phone should be avoided.

Please do not link it to other unnecessary equipments.

Note! Non-professionals must not try to dissemble the phone.
Phone Precautions!
- Use your phone battery only for its intended purpose, and never use any battery charger which is damaged or worn out.
- When you unplug your phone from its charger, grasp and pull the plug, not the power cord.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean your phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not attempt to open the casing on your phone or its battery.
- Always keep SIM card out of children's reach.

BATTERY USE

4

Do not short-circuit the battery terminals. This is dangerous and will damage the battery, produce heat and may cause a fire.

Never dispose of batteries in a fire as it can cause explosion. Return waste batteries to your supplier or an approved recycling center. Do not dispose along with household wastes.

Warning! If the battery case is broken, avoid contact with the contents. Wash contaminated skin with lots of water and seek medical attention.

Battery Precautions!
- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, consider purchasing a new battery.
- If left unused, a fully charged battery will fully discharge itself over time.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as it will reduce the capacity and life of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even

when the battery is fully charged. Batteries are particularly affected by temperatures below 32°F.

- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.
- Prevent your phone or battery from getting wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Avoid a battery out of the phone in coming contact with metal objects, such as coins, keys or jewelry.

ON THE ROAD

Before making or receiving calls acquaint yourself thoroughly with the applicable local laws and guidelines regarding the use of mobile radio telephones and always abide by these laws.

Air bags, anti-lock brakes, cruise control and fuel injection systems are normally immune to radio transmissions but if you come across problems, please consult you vehicle dealer.

Turn off your mobile phone when refueling or where there are signs restricting the use of two-way radio equipment. Do not store or carry flammable or explosive materials in the same compartment as your mobile phone because internal sparks could cause ignition.

Safety comes first, and is the ultimate responsibility of the driver. Please:

- Give full attention to driving – driving safely is your first responsibility.
- Use a Hands-free Kit, if available.
- If you have a Hands-free Kit make sure to pre-program numbers when possible, and keep calls brief and to a minimum.
- If you don't have a Hands-free kit, pull off the road and park your vehicle before making or answering a call in driving conditions so require.

6

ON AN AIRCRAFT

Switch off your mobile phone before boarding an aircraft. Use of mobile phone is strictly forbidden on an aircraft because of the potential interference with the telecommunication system. If the plane has not taken off yet, you should ask the flight crew for permission before you use your phone.

Note! If you have set your phone to Auto Switch ON, please check the Alarm Clock setting status and the Schedule menu to see the reminding time setting so that your phone will not power on automatically during the flight.

EXPLOSIVE ATMOSPHERES AND MATERIALS

Turn your phone off and do not remove the battery when in any area with a potential explosive atmosphere and obey all signs and instructions. You must observe restrictions on the use of radio equipment in fuel depots; below deck on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders, areas with signs about explosive atmospheres or where blasting operations are in progress, any other areas where you would normally be advised to turn off your vehicle engines.

WIRELESS PHONE POSE A HEALTH HARZARD

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe.

Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects(by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other

researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

NON-IONIZING RADIATION
(Exposure to Radio Frequency Signals)
Your phone is a low power radio transmitter and receiver. When it is on, it receives and also sends radio frequency (RF) signals. Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your mobile phone. RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Consult your vehicle manufacturer and the manufacturer of any equipment that has been added to the vehicle.

CAUTION! Read this information carefully before using your phone
In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standards for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standards previously set by both U.S and international standards parties. The design of this phone complies with the FCC guidelines ad these international standards.

BODY-WORN OPERATION
This device has been tested for body-worn operation and meets FCC RF exposure guidelines, and positions the handset at a minimum of 1.5Cm from the body. Use of any body-worn accessories may not compliance with FCC RF exposure guidelines.

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

8

BEFORE YOU START

PHONE ICONS

	Shows the received signal strength. The more the bars, the better the signal strength.
	Appears when a new text message has been received
	Appears when you have messages waiting in voice mail
	Appears when the vibrator mode is selected as ring tone type or quick silent mode.
	Appears when the alarm clock function is enabled.
	Shows the level of battery status. The more bars you see, the more power battery has left.
	New email icon
	Appears when your phone is registered to a GPRS network.
	Appears when the Bluetooth function is activated.
	External memory card icon
	Ring tone mode activated
	On calling icon
	Headset mode icon
	Keypad lock icon

DESCRIPTION OF KEYS

Send Key
- Press to "All Calls"
- Press to answer an incoming Call.

End Key
- Press to end a call or reject an incoming call. The phone will switch ON or OFF if it is pressed and held.
- Also in the menu mode, enables you to return to the idle mode (screen) or cancel your input.

Home Key
- Go to " Phonebook" in idle screen.
- Turn back to previous screen in menu

Side Volume Key
- When the phone is in the idle mode, you can adjust the volume of the keys.
- If you press volume down key to zero level, the mode will be change to vibrator mode.
- During a call, when the MP3 player is working, you can regulate the volume of the voice or music.
- When there is an incoming call, you can answer it by pressing the Up-side key and you can end it by pressing the Down-side key.
- On Menu mode, you can move curser to you want to.

10

Hook Button on the earphone

- If you insert the earphone to the jack on the right side of your phone, you can use it in the same way as your phone's earpiece.
- You can answer or end a call by pressing the hook button on the earphone.
- When a new call comes in while you are on a call, you can answer the waiting call by pressing the hook button on the earphone. (The first call will be held automatically).
- If you press the hook button shortly

    In idle mode: MP3 player is background played.

    In Call list screen: make a call the highlight number.

    MP3 is playing: pause / play or play next song, following option.

    FM Radio is playing: Power on/off or search next channel, following option.

- If you press and hold the hook button :

    In idle mode: make a call the last number dialed.

    MP3: stop all action and go to the idle mode.

    FM Radio: Power Off and go to the idle mode.

- During a call, you can adjust the earpiece volume.

    To increase the volume, press Up-side key.

    To decrease the volume, press Down-side key.

BACKLIGHT

A backlight illuminates the display and the keypad. When you press digit key, the backlight comes on. It goes off when no keys are pressed within a given period of time.

BATTERY

The phone comes with Li-ion battery which is only half charged but can be put into use immediately after the package is opened. However, the battery should be thoroughly discharged and fully recharged for at least 3 recycling times successively to achieve optimum performance.

Insert and Remove Battery

Remove the battery from the phone by two steps:
- Push up the release batch.
- Slightly lift the battery out of the back of the phone.

    - Insert the battery into the phone by following two steps:
    - Align the bottom of the battery down into the holes in the bottom of the phone.
    - Then sit the battery on the back of the phone until it clicks into place.

Put up Battery   Put in Battery

How to Charge the Battery
- Plug your charger into the main socket first.

12

- ○ Connect the lead from the charger to the bottom of the phone.
- ○ When the battery is charging, the icon on the upper right corner which indicates the battery charge level will flash in cycle. If the phone has powered off, a charging screen will show that the battery is charging now. You have to wait for some time before the charging icon appears on the screen if your phone is overused.
- ○ When the bars in the icon are fully filled and has stopped flashing, it tells you that the battery has been fully charged. If the phone has powered off, the screen will tell you verbally that the charging has finished. Generally, it takes 2~3 hours to fully charge the battery. Normally, the battery, the phone and the charger might get heated in the process.
- ○ Release the charger from the power socket and the phone.
- ○ **Warning!** Charge the battery in a well-ventilated area between 0°C ~ 40°C . You must only use the supplied charger. Unauthorized charger might result in danger and any malfunction or damage caused by the use of unapproved charger will void the product warranty and it will not be acknowledged by the manufacturer.

Battery Use
- ○ It is highly recommended that you recharge your battery when your phone powers off automatically or when the screen says "Inadequate Battery". If you recharge the battery before it is fully discharged, the phone will make some adjustment automatically and complete the charging in less time.
- ○ The talk time and standby time suggested by the supplier is measured in an ideal operating environment. Practically, the time may vary with the state of the network, operating environment and the way it is used.

NETWORK LINKING

SIM Card

- ○ Your network service provider will offer you a SIM (subscriber identity module) card, which is inserted into your phone. It is the key to the digital GSM network. You should install a valid SIM card in place before you start to use your phone. Information about network linking and your call record together with your Contacts and SMS is all saved in SIM card. It can be applicable to all GSM linking phones. A new phone will read the data stored automatically.
- ○ Do not touch the gold contacts of SIM card in case the data might get lost or damaged. Avoid placing it near areas where there is a magnetic or electric field. Once the card is damaged, you will not be able to link to the GSM network by it.
- ○ **Warning!** Switch the phone off before you remove the SIM card from the phone. You may damage the card if you try to insert it into the phone or remove it from the phone when your phone is connected to external power.

Insert and Remove the SIM Card

- ○ The SIM card is usually embedded in a sheet card. You should first take it off the card before you assemble it to the phone.
- ○ Switch the phone off. Then remove the battery and pull it away from external power socket.
- ○ Insert the SIM card under the SIM card holder.
- ○ When you need to remove the SIM card, you should first switch off the phone, remove the battery and take it away from under the SIM card holder.

14

Put tin SIM Card   Remove SIM Card

○ **! Note**: About the SIM card
The SIM card is a computer chip containing information about your subscription, security, Contacts etc.
When you register as a subscriber with GSM, GPRS network operator, you are provided with the SIM card.
Always handle the SIM card with care and insert with the gold contacts facing down.

Power ON/OFF

○ Make sure that the battery is attached. You can switch your phone On/Off by long pressing the [end] key.
○ If you switch the phone on without a SIM card :
The phone will promote "Insert SIM" — In this case, you can make emergency call.
The phone will promote "Network Emergency"— which means it is searching for network but has failed to link.
○ When the SIM card is in the due place, the phone will check the validity of the card automatically. Then the screen will promote in sequence:
"Enter PIN"-- prerequisite: SIM card security code is enabled.
"Enter Lock Code"-- Prerequisite: Phone Lock Code is enabled.
"No Service"-- Network registration failure. In this case, you can not make a call.
"Emergency Call Only"-- You phone has registered the other network and only emergency call is allowed.
"Searching for Network"-- The phone will search for proper network to log on.   You may make a call and send or receive SMS.

PIN Code

- ○ A PIN code is adopted to prevent your SIM card from any illegal use. If a PIN code is activated, you are requested to input the PIN code to unlock the SIM card every time your phone is switched on. The user can also disable the PIN code. In this case, your phone will be open to illegal use.
- ○ When the PIN code is enabled, you can erase the wrong input by touching the Del key and confirm the code by pressing [#]or[Enter] key.
- ○ For example: If the PIN code is set to be 1234, you can enter the code as follow: 1234﹟.
- ○ If the PIN code is entered incorrectly more than 3 times in succession, PIN will be blocked and your SIM card will automatically lock-up. Once your SIM card is blocked, you will be asked for the PUK1 password.
  Note! A regular PIN code consisting of 4~8 digits will be offered to you by your network service provider. You are advised to change it into your private code set by yourself as soon as possible.

Phone Lock
- ○ A Phone lock code can be set to prevent your Phone from any illegal use. If Phone Lock is activated, you are requested to input the phone lock code to unlock the phone every time your phone is power on. Only in this way can you make or receive a call. The user can also disable the phone lock code. In this case, your phone will be open to illegal use.
- ○ If you forget the phone lock code, you must contact your dealer or the local authorized maintenance center.

Link the Network
- ○ If the SIM lock code is acknowledged, your phone will search for the registration network automatically or log on to other applicable networks. "Searching …" appears on the screen. In the end, you will find the name of the network service provider, appearing in the middle of the screen, to show successful connection and your

16

phone will turn to the idle mode.

INSERT & REMOVE Micro SD CARD

○ The MicroSD card is embedded in a sheet card. You should first take it off the card before you assemble it to the phone.
○ Switch the phone off. Then remove the battery and pull it away from external power socket
○ Insert the MicroSD card under the MicroSD card holder.

○ When you need to remove the MicroSD card, you should first switch off the phone, remove the battery and take it away from under Micro SD card holder.

Put tin T-flash   Remove T-flash
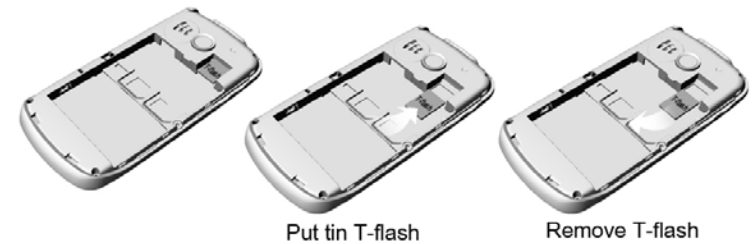
IDLE PROFILE

Link Icons on the idle main screen

○ Signal strength indicator and battery power level indicator:
○ The fully filled bars on both icons only suggest abundance and not necessary 100% in power.
○ Wallpaper (Still or Animated Image)
○ There are built-in still or animated wallpapers for your choice. You can also download pictures from the PC by connecting your phone to the computer.

CALL FUNCTIONS

Making a call

○ You can receive or make a call when the sign of the network service provider appears on the display screen. The number of the bars on the upper left corner indicates the network signal strength.
○ Since barriers could greatly influence the talk quality on the telephone line, it is advisable to move within a limited area to receive stronger signal.

Adjusting the Call Volume

○ During a call, if you want to adjust the earpiece volume, use the Up/Down-Side key. Press the Up-Side Volume key to increase the volume level, press the Down-Side Volume key decrease the volume level.

Call an Extension of fixed Phone sets

○ Extensions of fixed phone sets cannot be connected directly to your phone. You need to first connect to the telephone exchange and then dial the extension number. However, this can also be achieved by inserting a pause character "P" to indicate the extension number. Your phone will finish the entire dialing automatically.
○ The steps to dial an extension number:

18

Area code + main number + "P" + extension number + [SEND] key
○ For example:
　　If you want to dial 1234567 to call the tele-banking system with the balance inquiry number 7777 and password 0000, the dialing sequence will be: 1234567 + P +7777+ P + 0000. The first part is to call the banking system. When the call is answered, the phone will transmit 7777 to enquire the balance.

International Call
○ You should press [*] key and hold for a while , until the symbol "+" appear on the screen. By doing so, you can make an international call in whatever country without having to input the international dialing code. After the prefix symbol is entered, you should input the country code and the telephone number. Country code is customarily fixed. When you are dialing an international call, you should omit the digit "0" before the city code.
○ To dial a fixed number: " + "International dialing code + complete number + [SEND] key

Call from the List
○ Your phone automatically stores each number dialed or answered in its memory. In the call list, you can view recently called and answered numbers. The latest call will be listed in the very beginning. All the records are categorized into Missed Calls, Dialed Calls, and Received Calls. The list may be updated continually as new numbers are added to the beginning of the list and the oldest entries are removed from the bottom of the list. You can view the Dialed Call numbers by pressing [Send] key. You can also dial the numbers in the list by pressing [SEND] key.

Emergency Call
○ In whichever countries covered by the digital GSM network, you can make an emergency call if you are within the coverage of the

network. The network signal strength indictor will tell you whether you can make it or not.

○ **! Note**: Some network may not allow the emergency call and may request to insert SIM card.

Answer a call
○ Press the [SEND] key to answer a call as a default setting.
○ When there is an incoming call, the phone icon on the display screen will be displayed, and the melody will sound or the vibrator will work according to the setting.
○ If the caller is identified, the caller photograph, phone number/name (if stored in the Contacts), and caller group name is displayed on the screen.

VIBRATOR MODE

Vibrator mode is convenient, for example in a theater, when you wish to stop the phone from making noise.
In the Idle mode, press volume down key until zero level , the model will be change to vibrator mode .
In Vibrator mode, your phone will vibrate instead of ringing.

SILENT MODE
Silent mode is convenient, for example in a theater, when you wish to stop the phone from making noise.
In Silent mode, your phone will not ring or vibrate.

CALL MENU

During a Call
  ○ When the call is confirmed by the caller and connected, the main-screen displays the following information when the conversation begins: "Number or Name", "Call Time", "Status (Hand-free On/Off)".

Auto DTMF
  ○ In cases when the "P" symbol is placed in between numbers, the phone will first attempt to connect the call and then automatically send out the numbers after the "P".

Sound Management
  ○ Generally, the key sound and the sound of the ring are heard from phone speaker during a call. If the preset time of the alarm comes during a call, the alarm will be delayed from ringing until after the call has ended.

FUNCTION MENU

File Manager

You can realize the management of images, video clips, sounds, MP3, folder, etc. through this function menu.
It is to manage your files of audio, eBook, photos, images, my music, received and video as default. It works as "My Document" in Window O/S.

Select drive between phone and memory card (only in case that you are using MicroSD). You can have the following options:

  ○ **Open**: Open the folder. If you create a folder, it will be generated in here.
  ○ **New Folder**: Create a folder as you want.

○ **Format**: Format all folders and its properties.

Phonebook

! Note: If the SIM card is changed, Phone show the message "Copy all from SIM to Phone?"

The SIM card memory and phone memory is physically separated but they are searched as a single entity.

View

○ In "Phonebook" menu, you can find a number conveniently and quickly in the "Quick Search" sub-menu.

You can go through the list of telephone numbers stored in the Phonebook

Send message

○ You can send a SMS / MMS to contactor

Call

You can send a SMS / MMS to contactor

Edit

Edit names, Number and etc.

Delete

○ Delete the records stored in SIM card and Phone memory respectively. The records can be deleted instantly or one at a time.

From SIM: You can delete all of the entries from SIM.

From phone: You can delete all of the entries from Phone.

One by one: You can delete an entry.

22

Copy

You can copy the selected information either from Phone memory to SIM card memory or vice versa.

Move

You can move the selected information either from Phone memory to SIM card memory or vice versa

Send business card

You can send name cards out or save them to archives by means of SMS, MMS.

Add to blacklist

○   If you set a blacklist, you can set a blacklist .

Mark several

○   If you want to mark several person, you can use it.

Caller groups

You can set different alert Associate sound, Associate picture, Associate video and Member list to each of the five groups. Each of the five groups is Friends, Family, VIP, Business and Others. Navigation key is for you to choose specific objects.

Phonebook Settings

Preferred storage: You can select the priority of the Contacts list.
(Save to SIM or Save to Phone)

Speed dial : You can set a speed dial

My number : you can edit your number

Extra numbers : you can edit Extra numbers.

Memory status : you can check Memory status.

Copy contacts: you can copy from SIM to Phone/Phone to SIM

Move contacts: you can move from SIM to Phone/Phone to SIM

Delete all contacts : you can delete SIM or Phone contacts.

Fun & Games

There are a game for your enjoyment Puzzle. This game has Best Grades, Game Help function.
- ○ You can configure of game setting with "Game Setting" menu
- ○ You can move a Puzzle by touch screen.
- ○ If you want to stop game, touch return icon below right on screen.

Call Center

Call History

In the call records menu screen, you can see the number of Missed Calls, Dialed Calls, and Received Calls.
Following options are available in the sub-menu of Call History:

Delete: Delete the selected record.
Save to Phonebook: Save the selected number to the Phonebook.
Call: Call back the caller.
Edit: Edit the number so that it can be saved to the phonebook together with the city code.
Send SMS: You can send SMS to the selected number.
Send MMS: You can send MMS to the selected number.

Missed calls
- ○ This menu lets you view the latest missed calls. In the missed calls list, you can view the details of the record by pressing the left soft key. Then select view option. In the view screen you can make a call to the number by pressing the [SEND] key.

Dialed calls

○ This menu lets you view the last some dialed calls.
○ In the dialed calls list, you can view the details of the record by pressing the left soft key. Then select view option. In the view screen you can make a call to the number by pressing the [SEND] key.

Received calls
○ This menu lets you view the received calls. In the received calls list, you can view the details of the record by pressing the left soft key then select view option. In the view screen you can make a call to the number by pressing the [SEND] key.

Delete call logs
○ You can delete the records of missed calls, dialed calls and received calls respectively without clearing the call time record. In order to avoid unnecessary deleting operation, the user should confirm his action before the record is deleted.
○ The following options are available.
  ▪ *Missed calls*: You can see the missed calls information and missed call lists.
  ▪ *Dialed calls*: You can see the dialed calls information and dialed call lists.
  ▪ *Received calls*: You can see the received calls information and lists.
  ▪ *Delete all*: If you want to delete all calls, selects the Delete All.

Call timers
○ In this menu, you can view the last call time, total sent and total received. You can clear the all call time.
○ The following options are available.
  ▪ *Last call*: You can see the last call time of your call.
  ▪ *Dialed calls*: You can see the total dialed call time of your call.
  ▪ *Received calls*: You can see the total received call time of your

call.

- **Reset all**: When you want to reset call time, select the Reset All Time.

Call cost
  ○ This menu is dependant to SIM card. Please contact your service provider for detail.
  - **Last call cost**: Used to show the cost of the last call.
  - **Total cost:** Used to show the cost of total call.
  - **Reset cost:** Used to reset all the cost items.
  - **Max cost:** Used to show and set the credit of cost.
  - **Price per unit:** Used to show and set the price per unit of cost of a call.

Text message counter
  ○ In this menu, you can view the amount of sent and received messages. It can be reset.

Call Settings

SIM call settings
  Call waiting : call waiting
  Call divert : divert call
  Call barring: call barring
  Line switching : network line switch
  Advance Settings
    Blacklist
    Auto redial
    Background sound
    Call time reminder
    Auto quick end
    Reject by SMS
    Answer mode

26

MESSAGING

Write message

- Your phone has 10 preset messages. You can also create your own text messages. You can add **Text message**
the message module to the new message you are editing.

You can input the number to which you wish to send your message by either pressing the numeric keys or retrieve it from the Contacts. The finished message can be sent immediately or saved for later editing. During the process of sending, you can see animation on the screen. If the message is successfully delivered, the screen will display "Successful Delivery". Otherwise, "Failure!" will appear instead. The user should make a confirmation. The message could be saved automatically. That is, after the message is sent and return to the menu screen, the message will still be there.

"Save and Send" option enables you to send the message successfully and save it in the "Sent". The capacity of out-box is depend on memory size. Users can delete the messages one by one manually or Delete All.
When there is new message, your phone will remind you with both animation and alert ring. (Menu> Settings> User profile> Customize> Tone Setup> Message Tone)   If the inbox is full, corresponding icon will appear on the top of the screen. You can return to the idle screen by pressing the [END/POWER] key.

- Following options are available in the "Write Message" menu: Done, Insert templates, Insert object, Format text, Insert number, Insert name and Insert bookmark.
- Each message may be composed of up to 1224 English characters. But in some cities or areas, messages should not be longer than

160 English characters. In the editing mode, you can select the text input symbols by pressing the [SYM] key. Short press the [Del] key to erase the character before the cursor. If you long press the [Del] key, all the characters on the screen will be erased. You can go back to the idle mode by pressing the [END/POWER] key. Select characters by the navigation key.

Conversations
▪ You can check a message of conversations.

Drafts
▪ All Drafted displayed in the descending time order.

Out box
▪ If you choose "Save and Send", the message will be saved to the Outbox after the message isn't successfully send. The unsent messages are also saved to the Outbox and "No Number" is displayed, which indicates that there is no destination.
▪ In delivering a stored message, you can send to a person, many people or group.

Archive

Archived message be saved

Delete messages
▪ Delete the records stored in the Inbox/Outbox/Sent messages/Drafts folder/All messages.

Email
Note : According to email numbers, the loading time can be take max 2min during phone turn on. [Maximum capacity of Email is 250 per a account]

28

With this menu, you can send and receive Emails.
You must set the "Email account" first for use this menu.
- ○ **Send and receive**

Send any unsent mails present in the Outbox folder and receives the new mails, if any, from the POP3/IMAP4 server. If both send and receive are successful, will display number of mail sent and received.

- ○ **Email accounts**
  - ▪ You can configure various server and profile related settings.
    - ◦ <u>Activate:</u> Activate the selected Profile.
    - ◦ <u>Edit:</u> Modify an existing profile.
    - ◦ <u>New account:</u> Create a new account.
    - ◦ <u>Delete:</u> Delete selected account.
  - ▪ New Account
    - ◦ Email address : write your email address [mandatory @]
    - ◦ Protocol : select option POP3 or IMAP4
    - ◦ Data Account : The name of data account selected by the user.
    - ◦ Incoming Server : Input server name
      [ex_ imap.gmail.com][pop.xxx.com][mail.xxx.com]
    - ◦ Outgoing Server : Input server name [ex_smtp.gmail.com]
    - ◦ User name : Input your email ID [mandatory @]
    - ◦ Password : Input your email account password.
    - ◦ Account name : The name of the account.
    - **! Note :** need active email account to use.

You can edit following settings in Edit > Advanced settings menu.
- ▪ Account settings
  - ◦ <u>Account name:</u> The name of the account.
  - ◦ <u>Data Account:</u> The name of data account selected by the user.
  - ◦ <u>Protocol:</u> POP3 or IMAP.
  - ◦ <u>Check interval:</u> The interval to check incoming mail. The available options are OFF, 5 min, 30 min, 1 hour and 2 hours.

- ◦ <u>Download size (byte):</u> Maximum size of mail to receive. Entered value should not exceed the boundaries defined in PS.
- ◦ <u>Retrieve amount:</u> Maximum number of mail to receive once.
- ◦ <u>Reply to address:</u> The address can receive reply mail of your mail.

- ▪ Outgoing server

  This menu is to set SMTP protocol related parameters.
  - ◦ <u>Outgoing port:</u> The port number of outgoing server.
  - ◦ <u>Security :</u> Select option Off , Start TLS, SSL / TLS
  - ◦ <u>Authentication</u> :
    User Name: The username of email account.
    Password: The password of the user's email account.

- ▪ Incoming server

  This menu is to set POP3/IMAP4 protocol related parameters.
  - ◦ <u>Incoming port:</u> The port number of incoming server.
  - ◦ <u>Security :</u> Select option Off , Start TLS, SSL / TLS
  - ◦ <u>Download options</u>:
    POP3 mode : Download all/Header only
    IMAP mode : Download all/Header only /Header & Content
  - ◦ <u>Append to server</u>: On/Off.
  - ◦ <u>Drafts Folder</u>.
  - ◦ <u>Sent Folder</u>.

- ▪ Signature
  - ◦ <u>Auto signature:</u> On/Off the signature status.
  - ◦ <u>Signature image:</u> The user can select a picture as a signature.
  - ◦ <u>Signature text:</u> Edit text signature.

! Note: How to set gmail account in IMAP mode [google email]
1. Setting your account [<u>abc@gmail.com</u>] refer to New Account
2. After setting your account, have to enter edit menu

30

3. Enter to advance settings in edit menu.
4. Setting value in Advance settings as followed.
▪ Outgoing server
◦ Security : select to SSL / TLS
◦ Authentication : select to ON

▪ Incoming server
◦ Security : select to SSL / TLS
Finally, save all setting value and Activate the account.

○ **Write Email**
▪ You can edit 'To', 'CC', 'BCC', 'Subject', 'Attachments', 'Priority', and 'Content'.
After composing an email, following options are available:
◦ <u>Send Now:</u> Send immediately without saving to Sent folder.
◦ <u>Send and save:</u> Send immediately and save to Sent folder.
◦ <u>Send later:</u> Save to outbox and be sent when next send and receive
◦ <u>Save To Drafts:</u> Store the email to Draft folder, without sending it.
◦ <u>Quit without saving:</u> Quit without saving anything.

○ **Inbox**
▪ Email List : the following options are available:
◦ <u>View:</u> Read email
◦ <u>Reply:</u> Send the reply to the sender.
◦ <u>Reply all :</u> Reply to the sender and all recipients
◦ <u>Forward :</u> Forwards the email to other parties.
◦ <u>Sort</u> : Sort by date / Sort by sender / Sort by subject / Sort by size
◦ <u>Mark As unread :</u> Mark as unread Email
◦ <u>Mark As Deleted:</u> Mark as delete Email
◦ <u>Delete :</u> Delete the selected a Email.
◦ <u>Delete with Server:</u> Delete the selected a Email with server.

◦ <u>Delete marked Emails:</u> Delete the selected all Emails.

- All received mails will be displayed in the descending time order.

After reading an email, the following options are available:
  - <u>Reply:</u> Send the reply to the sender.
  - <u>Reply without content:</u> Reply to the sender without original mail content.
  - <u>Reply all:</u> Reply to the sender and all recipients.
  - <u>Reply all without content:</u> Reply to the sender and all recipients without original content.
  - <u>Retrieve Options;</u> In header only mode
  - <u>Forward:</u> Forwards the email to other parties.
  - <u>Mark as unread:</u> Mark as unread Email.
  - <u>Mark as delete:</u> Mark as delete Email.
  - <u>Delete:</u> Delete the selected Email.
  - <u>Delete with Server:</u> Delete the selected a Email with Server.
- When you read email content, the following options are available:
  - <u>More :</u> Download over 2K byte content.
  - <u>Reply:</u> Send the reply to the sender.
  - <u>Reply without content:</u> Reply to the sender without original mail content.
  - <u>Reply all:</u> Reply to the sender and all recipients.
  - <u>Reply all without content:</u> Reply to the sender and all recipients without original content.
  - <u>Forward:</u> Forwards the email to other parties.
  - <u>Settings</u>:
    - Font style : Normal / Italic / Bold
    - Font size : Small / Medium / Large
    - Scroll by : Page / Line
    - Auto scroll : Off / On
    - Scroll speed : 1~5
    - Full Screen : Off / On

32

Encoding : ASCII / UCS-2 / UTF-8

Alignment : Left / Right

Note : Only first download is limit by 2KB.

Tip : When read content

[Navi up/down] keys are for line scroll.

[Navi left / right] keys are for page scroll.

○ **Outbox**
- All unsent mails displayed in the descending time order.

Following options are available in Outbox folder:
  - ◦ <u>Send:</u> Send immediately without saving to Sent folder.
  - ◦ <u>Send and save:</u> Send immediately and save to Sent folder.
  - ◦ <u>Edit:</u> Edit the current mail. Select this item will go the Write Email screen.
  - ◦ <u>Move to draft:</u> Move the email to Draft folder. That is, the original is not in Unsent folder anymore.
  - ◦ <u>Mark as deleted:</u> Mark as deleted Email.
  - ◦ <u>Delete:</u> Delete the selected Email.

○ **Sent**
- All sent mails displayed in the descending time order.

Following options are available for a mail in Sent folder:
  - ◦ <u>Forward:</u> Edit the current mail. Select this item will go the Write Email screen.
  - ◦ <u>Mark as deleted:</u> Mark as deleted Email.
  - ◦ <u>Delete:</u> Delete the selected Email.

○ **Drafts**
- All Drafted mails displayed in the descending time order.

Following options are available for a mail in Draft folder:
  - ◦ <u>Edit:</u> Edit the current mail. Select this item will go the Write Email screen.
  - ◦ <u>Mark as deleted:</u> Mark as deleted Email.
  - ◦ <u>Delete:</u> Delete the selected Email.

○ **Clear mailbox**
   ▪ You can delete all the folders of email.

○ **Delete Marked Emails**
   ▪ You can delete the marks of email.
   ! Note : If you want to delete some marked email in Inbox.
      ◦ Select options and mark as deleted.
      ◦ Back out of Inbox and move cursor inbox in Clear Mailbox.
      ◦ Then you can see "delete all of selected mailbox?" in pop up.
      ◦ If say "yes", can delete all marked email, you choose.

○ **Push Email**
      : On / Off.   If user select Off, can't use push email function.

Broadcast Message
   ○ **Receive mode**: You can set activation "ON" or "OFF".
   ○ **Read message**: You can read the message.
   ○ **Languages:** You can set the language type you want.
   ○ **Channel settings**
   Select: You can select the channel you want.
   Add: You can add the channel you want. Type "Channel title" and "Channel ID".
   Edit: You can edit the existing channel.
   Delete: You can delete the channel you want.
! Note: The Voice mail service may not be available on all networks. For more detail, please contact your network service provider.

Templates

34

- Users can insert a preset phrase into a text message which is being composed.
- When you are sending a message, you can quickly use a preset phrase.

Message settings
- *Text message*
  - Profile settings: Profile name, SC address, Validity period and Message type.
  - Voicemail server :
  - Common settings:
      Delivery report: Option that allows you to check if the message has been successfully delivered through the network to the other person.
      Reply path: Transmit the reply path to the network terminals. The support of the SMS center is needed for this function.
      Save sent message: If the message has been successfully delivered, it is saved in the "Sent" folder.
  - Memory status: To examine the status of the SIM card and Phone memory.
  - Preferred storage: Allows you to select the default storage between phone and SIM card.

- *Multimedia message*
  - Data account: You can activate or edit MMS Profile.
  - Common settings:
      - *Compose:* You can set these parameters below:
        Slide time: You can set the MMS slide timing.
        Creation mode: You can set it to "Free", "Restricted".
        Picture resizing: You can set it to "Off", "160x120", "320x240", "640x480"
        Auto signature: You can set it to "ON", "OFF".
        Signature: You can set your signature Text, Picture, Video and

35

Sound.

■ Sending

Validity period: The period of time the MMS kept in the SMS
center.

Delivery report: You can set it to ON/OFF.

Read report: Requests notification from the service provider
whether the receiver has read the MMS. You
can set it ON/OFF.

Priority: You can set to priority: Low, Normal, and High

Delivery time: You can set the MMS delivery Time. The following
options are available: Immediate, 1 hour later,
in 12 hours later, in 24 hours later.

Hide sender: You can set it to "ON", "OFF".

Send and save: You can set it to "ON", "OFF".

■ Retrieval

Home network: You can set the Home Network. The following
options are available: Immediate, Rejected,
Delayed.

Roaming: You can set the Roaming Network. The following
options are available: As home, Delayed,
Rejected.

Filters:

Anonymous: You can set to allow or reject the
anonymous MMS.

Advertisement: You can set to read or reject advertising
messages.

Read report: Requests notification from the service provider
whether the receiver has read the MMS. Options:
"Send", "Never send", "On request".

Delivery report: Whether the delivery report is allowed or not.

Viewer size: You can set it to "normal screen", "Full screen".

■ Preferred storage

36

◦   : Allows you to select the default storage between phone and SIM card.

■   <u>Memory Status</u>: Indicate the used memory size for MMS.

Service message
   <u>*Enable push*</u>
   <u>*Enable service loading*</u>
   <u>*Enable white list*</u>
   <u>*White list*</u>

Conversations : you can choice on/ off

MULTIMEDIA

ATV
You can enjoy Analog TV

Camera
- In the camera main screen, you can take photos, set camera options or view the saved pictures.
- To take a photo, touch camera icon on the screen
- If there is not enough memory to save a new photo, you need to create free space by deleting old pictures or other files in the menu.

Image viewer
- You can view the saved photos in the album menu.
- The same as the option of Photos.

Media player
- In the video recorder main screen, you can make a video clip

(MPEG4) or play the saved video clip.
- ○ To record a video or to pause the recording, press [OK] key.
- ○ You can set the corresponding options and enter the video player menu to see the saved video clip.

- ○ **Now playing**
  - ▪ You can play MP3 media player
- ○ **All songs**
  You can see all songs to memorized on the phone.
- ○ **Artists :** you can see artists list
- ○ **Albums :** you an see albums list
- ○ **Genres :** you can sort of Genres , rock , other, unknown..etc
- ○ **Playlists :** you can see playlists
- ○ **All videos :** you can see all videos files.
- ○ **Refresh library :** you can refresh library
- ○ **Settings**
  __Player settings__ : shuffle / repeat / sound effects
  __Audio settings__ **:** Audio play speed / Display style
  __Bluetooth settings__ *:* BT stereo output / BT stereo headset
- ○ **Reset library**

FM radio
- ○ Press the left soft key for "Option" to bring the follow menus:
  - ▪ *Channel list*: You can define 1~20 channel shortcut.
  - ▪ *Manual input*: You can input the frequency manually. [.] key is assigned to point "."
  - ▪ *Auto search*: FM Tuner search all available channels for preset list.
  - ▪ *Setting* :
  - ▪ You can select the following setting value:
    Background play/Loud speaker/Earmic button option
    Note! If the earphone is not connected, FM Radio cannot turn on.

38

Tip! Press [navi up] key, turn on/off search algorism
Press [navi down]key, turn on/off power
Press [digit] key, go to preset channel
- ▪ *Record :* you can record FM radio.
- ▪ *Append :* you can check file manager
- ▪ *File list :* you can check file manager.

Sound recorder
- ○ You can record a sound and play the saved sound.

If there is no saved sound, you can have following options:
- ▪ *New Record*: New Record sound.
- ▪ *List :* you can see all saved file list
- ▪ *Settings*: Allows you to set the preferred storage, file format and audio quality

If there is saved sound already, you can have the following additional options :
- ▪ *Play*: Play the saved sound file.
- ▪ *Append*: Add extra sound to the previous selected sound file.
- ▪ *Rename*: You can change the file name.
- ▪ *Delete*: You can delete the sound file.
- ▪ *Delete all files*: You can delete all of the sound files.
- ▪ *Use as*: Forward the selected sound file to: "To User profile".
- ▪ *Send*: Forward the selected sound file to "As Multimedia Message", "As Email", "Via Bluetooth"

Photo editor
- ○ Photo artist: With this menu, you can edit the saved photos.
  - ▪ *Auto resize*: Rearrange the saved photos by selected means.
  - ▪ *Main LCD clip*: Clip the photo as main LCD size.
  - ▪ *Manual clip:* Clip the photo as manual size.
  - ▪ *Clip help:* To get information how to use this function.
  Each photo has the following option:

Save as: To save the selected photo.
Send: Send the picture to the target place.
To MMS: Send the picture to MMS
To Email: Send the picture to Email.
To Bluetooth: Send the picture to Bluetooth.
Add frame: To add frame on the selected photo (Frame1~12).
Add icon: To add icon on the selected photo.
Add text: To add text on the selected photo.
Mirror: To select the photo flip. (Horizontal Flip/Vertical Flip)
Rotate: To select the photo rotate.
Add defect: To add defect.
Redeye reduction: To redeye reduction effect.
Extend canvas: To extend the size of canvas.
Undo: Undo your edit command.
Exit: Exit editor.
Help: To get information how to use this function.

○ Image tiles: With this menu, you can edit the saved photos.
▪ With this menu, you can have many photos in one screen.
▪ Options: 2 Image tiles/ 4 Image tiles/ 9 Image tiles.

ORGANIZER

Calendar
With this menu, you can use the calendar function.
If you enter this menu, the date cursor will be on today's date. If the date on the cursor has schedule list, you can selected by pressing option soft key. And then you may write your schedule.
The scheduler function helps you keep track of reminders, meeting, course, date, call, anniversary that you need to remember. Your phone sounds an adequate melody alarm when the set date/time for the schedule is reached.

40

This calendar helps to keep track of memos by alarming clock.
Press left soft key "Option" and the following are available:

- ▪ **View** : You can view today schedules all. In the menu, you can edit Date/Time, Description, Alarm, Repeat, Repeat until, Location and Priority. You can choose the due date by pressing Numeric key. You can Delete the Schedule and Add a New Schedule.
- ▪ **View All :** You can view all schedules recorded.
- ▪ **Add event:** You can add a new schedule.
- ▪ **Delete event:** You can delete a schedule.
- ▪ **Jump to date**: View the designated date.
- ▪ **Go to monthly view/ Go to weekly view**
- ▪ **Print:** If the printer support Bluetooth device, you can use the printer wirelessly.

Tasks

You can check the schedule arranged on the current date. To edit Schedule, please refer to the above Schedule.

- ▪ **View** : You can view today schedules all. In the menu, you can edit Date/Time, Description, Alarm, Repeat, Repeat until, Location and Priority. You can choose the due date by pressing Numeric key. You can Delete the Schedule and Add a New Schedule.
- ▪ **Add:** You can add a new schedule.
- ▪ **Edit :** You can edit a schedule
- ▪ **Delete:** You can delete a schedule.
- ▪ **Delete Overdue:** You can delete a schedule by passed.
- ▪ **Delete All:** You can delete all schedule recorded.
- ▪ **Jump to date**: View the designated date.
- ▪ **Send vCalendar**
- ▪ **Save AS File:** You can save the schedule to the File Manager.

Alarm

This menu allows you to set the alarm to ring at a specific time. Five options are available. The default mode is OFF. You may set one or all ON if necessary. The time, due date, Repeat, Alarm tone, snooze and alert type of each alarm can be set separately.

World Clock

You can view the current time for GMT and the other cities around the world by pressing the navigation key.

Notes : you can insert Notes.

Synchronization
- **Sync Now:** You can synchronization between device and server.
- **Sync Settings:** setting by network message automatically.
- **Sync log:** Synchronization logging.

Phone sync
- **Sync:** You can synchronization between device and server.
- **Applications to sync**
- **Phones:**

SETTINGS

Many different features of your phone can be customized to suit your preferences. All of these features are accessed via the Setting menu.

Pen calibration.

You can calibration anywhere on the screen with your style.

Phone settings
- **Time and date**

    This menu allows you to change the current time and date displayed.

42

You can choose another city on status of same time zone by pressing the Up/Down navigation key.
The time and date format could be set by Left/Right navigation key.
Set home city: You can set the city.
Set time/date: You can set the time and date.
Set format: You can select the format such as time, date.
Update time with time zone: You can select option On/Off.
Auto update of date and time: You can set the auto-update of date and time from Network system.

○ **Schedule power on/off**
▪ In this menu, you can set the schedule to the Power On/Off time and action.

○ **Language**
▪ You can set the language with this menu.

○ **Prefered writing language**
▪ You can set the input language .

○ **Widget manager**
▪ You can set the widget function of the phone widgets

○ **Encoding**
You can set Encoding type ASCII / ISO-8859-1 / Windows-1252

Display
○ In this menu, you can change various settings for the display.
○ The following options are available :
Wallpaper: Allows you to set the wallpaper from the "System" or "User Define".
Screen saver: Allows you to set the screen saver from the "System" of "User Define".

43

Power on display: Allows you to set the power on animation from the "System" or "User Define".
Power off display: Allows you to set the power off animation from the "System" or "User Define".
Main menu effect :Squeeze / Jump / Jelly / Bubble / Rotate / none..

- ○ **Themes :** you can choice themes.
- ○ **Greeting text :** you can choice the status of Greeting text on/off and greeting text
- ○ **Auto update time :** you can select off / first confirm / on.
- ○ **UART settings :** SIM settings
- ○ **Misc. settings :** Signal LED on / off and LCD backlight Brightness & times.

Network settings
- ○ **Network selection**
  - ▪ Select Network selection between Automatic and Manual.

- ○ **Preferences**
  you can see the preferred networks

Security settings
You can set security pattern with this menu so that your phone and SIM card will be guarded against any illegal use.

- ○ **SIM security settings**
  - ▪ When you want to activate the PIN code function, enter your Personal Identification Number.
  - ▪ Personal Identification Number is needed to establish authorization for access to certain functions or information in your SIM card. The PIN code comes with your subscription. It may be

44

a four to eight digit number and can be change as required.

- ○ **Phone lock**
  - ▪ When the Phone lock feature is enabled, the phone is locked and you must enter the 4 to 8 digit phone password each time the phone is switched on.
  - ▪ The password is preset to "0000". Once the correct password has been entered, you can use the phone until you switch it off.

- ○ **Auto keypad lock**
  - ▪ Without any key touch for a set period, the keypad will be locked. There are 6 values (None, 5 sec, 30 sec, 1 min, 5 min and LCD Backlight off).
  - ▪ Default value is LCD Backlight off. If you don't want use this keypad lock option, you have to set to "None" value.

- ○ **Change Password**

  You can change the password such as PIN, PIN2, and Phone Lock Password.

  Note! The default Phone Lock code is **0000**. It is highly recommended for you to change it.

- ○ **Certificate Manager**

Restore factory settings

- ○ To use this option, first enter your phone password. All the settings will be restored to the factory setting. Please operate carefully. If you want, you have to input Phone lock code.

Sound effects

You can choice Audio effect.

User profiles

You can use the sound setting features to customize various settings such as ring type, vibrator, and volume depending on environments: General, Silent Meeting. Outdoor, My style.

EXTRAS

Calculator
○ Enter numbers by pressing [0]—[9]. Press [.] for a decimal point. Press the [Del] key to clear your input.
○ You can press the Up, Down, Left, Right navigation keys to enter the symbols of addition, subtraction, multiplication and division.
○ Clear the latest input digit or result by pressing the [Del] key. Long press the [Del] key to clear all the input or the result.
○ Press the [left soft] key to calculate and the result will appear on the screen.
○ **Note!** The precision of the calculator is limited for the round off error.

Unit converter
○ You can convert one type of unit to another by this function. Such as weight, length, volume, temperature, velocity and surface.

Currency converter
○ You can convert the currency at a given exchange rate.

Stopwatch

Your phone can be used as a typical stopwatch or nWay stopwatch. There are Split Timing and Lap Timing stopwatch functions in this typical stopwatch menu. You can view the record in this menu.

46

E-Book reader
- ○ You can read E-Book with this menu.

E-Book refers to "E-book" folder from phone or memory card in File Manager.

You can have the following options:

  Clean up bookshelf: Refresh the file list.

  Global settings: Enables to set the following items:

  Font style/ Font size/ Scroll by/ Auto scroll/ Scroll speed/ Full screen/Encoding/Alignment/Select storage.

Services
Operator WAP browser
- ○ You can connect internet used by Bolt service.

Opera
- ○ Internet web browser
- ○ You can enjoy website surfing by this application.

Licence manager
- ○ This menu show license status and advance.

Connectivity

Bluetooth
- ○ You can activate the Bluetooth service with this menu.

  Power: You can power on or off the Bluetooth.

  Inquiry audio device: You can view a list of discovered Bluetooth device. Select an item from the list to connect.

Remote control: To remotely control compatible accessories.

My device: Shows the registered device list. It has the following submenus : "Connect", "Disconnect", "Set as default hands free headset", "Rename", "Authorize", "Delete", "Delete all", "Service List".

Active devices: Shows the connected devices.

Settings: You can set the following items:

- Visibility: Set On or Off.
- Change device name: Change the name of device.
- Authentication: Set On or Off.
- Audio Path: There are two options:
  "Leave in Phone" or "Forward to BT Headset".
- Block list: You can block some device connection.
- Storage: Set Phone/Memory card for received data.
- FTP Setting: You can set the FTP (File Transfer Protocol).
  - *Shared Folder: Assign folder for shared folder.*
  - *Access Right: Select "Read Only" or "Fully Control"*
- BIP Setting: You can set the BIP (Basic Imagine Profile).
  - *Shared Folder: Assign folder for image downloading.*
- Remote SIM mode: You can set the Remote SIM mode for SAP accessories.

About: You can check the device information.

Conn. Management

Data Account

- ○ This menu allows you to change and edit the settings for the GSM and GPRS network services. For further details, contact your service provider.
- ○ **Add PS account** : This menu allows you to manage and edit the settings required by the CSD connection.
- ○ **Add CSD account** : This menu allows you to manage and edit the settings required by the GPRS connection.

48

MP3 AND MP4 INSTRUCTION

Connect your phone to the computer using the USB cable.

If the phone is connected, the computer will show a sign that an external memory device is connected. Select an mp3 file of your choice from the computer and copy it to the **My Music** folder in the USB memory. For mp4 files, you can copy it to the **Video** Folder.

After canceling the connection of the external memory device through the computer, disconnect the USB Cable from the computer.

Use the follow the sequence "Menu> Multimedia> Audio Player" to activate the music player.
In case play music with headset: To play music, short press ear button of headset.
If you long press the ear button, the phone will dial the last call made.

TROUBLESHOOTING ————————————●

If you meet a trouble on your phone operation, please check the followings. These checks enable you to save time and expense due to unnecessary after-service.

When Enter PIN appears at the power-up…
   The PIN check is currently enabled. You must enter the PIN supplied together with your SIM card. You can disable the PIN check if you want, please see Security Setting menu.

When Enter PUK appears at the power-up…
   PUK (Personal Unblocking Key) is used to unblock the blocked SIM card due to incorrectly entered PIN. PUK code is composed of 8 digits, and usually provided with your SIM card. If the PUK code is entered incorrectly several times in succession, PUK will be blocked and your SIM card will be automatically lock-up and the SIM Blocked message will be displayed. Once you see the message, you need to contact your network service provider for a new SIM card.

When Insert SIM screen appears at the power-up…
   Please, check that your SIM card is inserted properly.

When Enter Lock Code appears at the power-up…
   Your phone is phone locked. You must enter the Lock Code supplied together with your phone.

When No Service appears…
   You probably are in the area out of the coverage of a GSM/ GPRS network.

When Emergency Only appears even though a number of the signal bar are indicated…
   You probably are in the area out of the coverage of your home GSM, GPRS

network. You probably are in the coverage of another GSM, GPRS network but you are not allowed to be registered to the network.

If any tone is not generated when you press a keypad…

You need to check the mode setting. If you can find icon on the top of the main display screen it is vibrator mode. By pressing [volume up]key on the idle screen, you can switch it off. You need to check the Key Tone Type of Sound Setting menu. You need to check Key Tone Volume of the profile option that you have set on Profiles menu.

If an audible alert is not made when a call is received…

You need to check the mode setting. If you can find icon on top of the main display screen it is vibrator mode. By pressing [volume up]key on the idle screen, you can switch it off. You need to check Ring Type and Ring Volume of the profile option that you have set on Profiles menu.

If an audible alert is not made when an alarm is expired…

You need to check the mode setting. If you can find icon on top of the main display screen it is vibratore mode. By pressing [volume up]key on the idle screen, you can switch it off.

If an outgoing call is not made…

You have probably set an outgoing calls barring option. You need to check Call Barring menu. Otherwise, you have probably set to Hide Number in Caller Number menu of Call Setting menu. In some network, when you make a call with hiding the telephone number, the network does not allow to make the call.

If an incoming call is not made…

You have probably set an incoming calls barring option. You need to check Call Barring menu.

If an outgoing SMS message is not sent…

You need to check the Message Center option in SMS Setting menu.

If all audible key tones are muted and all audible alerts are changed to vibrator alert…

You need to check the mode setting. If you can find icon on top of the main display screen it is vibrator mode. By pressing [volume up]key on the idle screen, you can switch it off.

If some audible action is not prompted on a menu of Sound Setting menu…

You need to check the mode setting. If you can find icon on top of the main display screen it is the vibrator mode. By pressing [volume up]key on the idle screen, you can switch it off.

If the image on the screen is blurred when you try to take a picture…

You need to check that the protection film is detached or the lens is clean. To remove fingerprints or other stains, wipe the lens with soft cloth.

GLOSSARY

Cell Broadcast
This network service allows you to receive the broadcasted text messages on various topics such as weather, traffic, local district code, local hospitals, taxis or pharmacy in the area where you are.

CUG (Closed User Group)
This network service allows the restriction of calls to and from a selected user group.

DTMF (Dual Tone Multi Frequency)
Codes sent as tone signals. Used for telephone banking, for accessing an answering machine, etc.

GPRS (General Packet Radio Service)
New packet service that allows information to be sent and received across a mobile network. The GPRS promises data rates from 56 up to 114 Kbps and continuous packet connection to the Internet for mobile phone and computer users. It is based on existing GSM such as circuit-switched cellular phone connections and complements that.

Network Service Operator
To be able to use your phone, you need a subscription to a network. You get this subscription from a network operator, together with a SIM card that you need to use with your phone.

PIN (Personal Identification Number)
The code is to establish authorization for access to certain functions or information in your SIM card. The PIN code comes with your subscription. It may be a four to eight digit number and can be changed as required.

PIN2 (Personal Identification Number 2)
The code is an authorization code to access certain special field in your SIM card. The PIN2 code does not come with your subscription in some country.

PUK (Personal Unblocking Key Code)
Used to unlock a blocked SIM card. This comes with your subscription.

Roaming
Use your phone when you are outside your subscription network area.

SIM (Subscriber Identity Module)
It contains subscriber details, security information and memory for a personal directory of numbers.

SMS (Short Message Service)
Messages to be sent and received between the network service operator's message center to your mobile phone. To use this service, it must be supported by your network.

INTERNET (Wireless Application Protocol)
A standard specifically created for mobile communication devices which give fast and easy access to Internet information and services.

LIMITED WARRANTY STATEMENT ●————●

1. WHAT THIS WARRANTY COVERS:

IDENTITY offers you a limited warranty that the enclosed subscriber unit will be free from defects in material and workmanship, according to the following terms and conditions:

The limited warranty extends only to the original purchaser of the product and is not assignable or transferable to any subsequent purchaser/end user.

This warranty is good only to the original purchaser of the product during the warranty period as long as it is in the purchased local area.

The external housing and cosmetic parts shall be free of defects at the same time of shipment and, therefore, shall not be covered under these limited warranty terms.

Upon request from IDENTITY, the customer must provide information reasonably prove the date of purchasing.

The customer shall bear the cost of shipping the product to the Customer Service Center of IDENTITY. IDENTITY shall bear the cost of shipping the product back to the customer after the completion of service under this limited warranty.

2. WHAT THIS WARRANTY DOES NOT COVER:

Defects or damages resulting from use of the product in other than its normal and customary manner.

Defects or damages from abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized connections, unauthorized repair, misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of IDENTITY, including damage caused by shipping, blown fuses, spills of food or liquid.

Breakage or damage to antennas unless caused directly by defects in material or workmanship.

That the Customer Service Department at IDENTITY was not notified by

55

consumer of the alleged defect or malfunction of the product during the applicable limited warranty period.

Products which have had the serial no. removed or made illegible.

This limited warranty is in lieu of all other warranties, express or implied either in fact or by operations of law, statutory or fitness for a particular use.

Damage resulting from use of non-IDENTITY approved accessories.

All plastic surfaces and all other externally exposed parts that are scratched or damaged due to normal customer use.

Products operated outside published maximum ratings.

Products used or obtained in a rental program.

Consumables (such as fuses).

3. STATE LAW RIGHT:

No other express warranty is applicable to this product. THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MARKETABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN. IDENTITY SHALL NOT BE LIABLE FOR THE LOSS OF THE USE OF THE PRODUCT, INCONVENIENCE, LOSS OR ANY OTHER DAMAGES, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OF, OR INABILITY TO USE, THIS PRODUCT OR FOR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTY OF MARKETABILITY APPLICABLE TO THIS PRODUCT. Some states do not allow the exclusive of limitation of incidental or consequential damages or limitations on how long an implied warranty lasts: so these limitations or exclusives may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

4. HOW TO GET WARRANTY SERVICE:

To obtain warranty service, please contact the retailer where you purchased this handset.

56

FCC Regulations:

●This mobile phone 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.

●This mobile phone 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 radiated 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.

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

●The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

▶ RF Exposure Information (SAR)

This mobile phone meets the government's requirements for exposure to radio waves.
This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

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.   *Tests for SAR are conducted using standard operating positions accepted by the FCC 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 poser required to reach the network.   In general, the closer you are to a wireless base station antenna, the lower the power output.

The highest SAR value for the model phone as reported to the FCC when tested for use at the ear is 0.577 W/kg and when worn on the body, as described in this user guide, is 0.819 W/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.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines.   SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid after searching on FCC ID: T6QQS499

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions the handset a minimum of 1.5 cm from the body.   Use of other accessories may not ensure compliance with FCC RF exposure guidelines.   If you do no t use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 1.5 cm from your body when the phone is switched on.