

# S1 User Manual

(Version 1.0)



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## ***Important safety precautions***

This section contains important information on the safe and efficient operation of your mobile device.

For your safety, please refer to the guideline prior to using the phone.

Note: Failure to comply with the following precautions may be dangerous or illegal.

### **Drive safely at all times**

Do not use a hand-held phone while driving. Park the vehicle first.

### **Switch off the phone when refueling**

Do not use the phone at a refueling point (service station) or near fuels or chemicals.

### **Switch off in an aircraft**

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

### **Switch off the phone near all medical equipment**

Hospitals or health care facilities may be using equipment that could be sensitive to external radio frequency energy. Follow any regulations or rules in force.

### **Interference**

All wireless phones may be subject to interference, which could affect their performance.

### **Be aware of special regulations**

Meet any special regulations in force in any area and always switch



off your phone whenever it is forbidden to use it, or when it may cause interference or danger.

### **Water resistance**

Your phone is not water-resistant. Keep it dry.

### **Sensible use**

Use only in the normal position (held to the ear). Avoid unnecessary contact with the antenna when the phone is switched on.

### **Keep your phone away from small children**

Keep the phone and all its parts, including accessories, out of the reach of small children.

### **Accessories and batteries**

Use only approved batteries and accessories, such as headsets and PC data cables. Use of any unauthorized accessories could damage you and your phone and may be dangerous.

If jewelry, keys, beaded chains, or other conductive materials touch exposed battery terminals, this could complete an electrical circuit (short circuit), become very hot, and could cause damage or injury. Be careful when handling a charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects.

- Never use a 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, the type of battery, and the charger used. The battery can be charged and discharged hundreds of times, but it will gradually

wear out. When the operation time is noticeably shorter than normal, it is time to buy a new battery.

- If left unused, a fully charged battery will discharge itself over time.
- Use only approved batteries, and recharge your battery only approved chargers. Disconnect the charger from the power source when it is not in use. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- 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 because the capacity and lifetime of the battery will be reduced. Try to keep the battery at room temperature. A phone with a hot or cold battery may not work temporarily, even when the battery is fully charged.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object like a coin, clip or pen causes a direct connection between the + and – terminals of the battery (metal strips on the battery). For example, do not carry a spare battery in a pocket or bag where the battery may contact metal objects. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

### **Road safety**

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user



must uphold. When driving a car, driving is your first responsibility. When using your wireless phone while driving, follow local regulations in the country or region you are in.

### **Operating Environment**

Remember to follow any special regulations in force in the area you are in, and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder).

### **Electronic devices**

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

### **Pacemakers**

Pacemaker manufacturers recommend that a minimum distance of 15 cm (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker.

These recommendations are consistent with the independent research and recommendations of Wireless Technology Research. If you have any reason to suspect that interference is taking place, switch you're your phone immediately.

## **Hearing aids**

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may wish to consult your hearing aid manufacturer to discuss alternatives.

## **Radio frequency (RF) exposure and SAR**

This phone meets European Union (EU) requirements concerning exposure to radio waves. Your mobile phone is a radio transmitter and receiver. It is designed and manufactured to not exceed the limits for exposure to radiofrequency (RF) energy, as recommended by the EU Council. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organizations through the periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to ensure the safety of all persons, regardless of age and health. The exposure standard for mobile phones employs a unit of measurement known as Specific Absorption Rate (SAR).

Specific Absorption Rate (SAR) is the unit of measurement for the amount of radio frequency energy absorbed by the body when using a mobile phone. The SAR value is determined at the highest certified power level in laboratory conditions, but the actual SAR level of the mobile phone while it is operating can be well below this value. This is because the mobile phone is designed to use the minimum power required to reach the network. Variations in SAR below the radio frequency exposure guidelines do not mean that there are variations in safety. While there may be differences in SAR levels among mobile phones, all mobile phone models are designed to meet radio frequency exposure guidelines. Before a phone model is available for sale to the public, it must be tested and certified by



the Federal Communications Commission (FCC) that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (that is, at the ear and worn on the body) as required by the FCC for each model. For body-worn operation, this phone has been tested and meets FCC RF exposure guidelines when the handset is positioned a minimum of 15 mm from the body without any metal parts in the vicinity of the phone or when used with the original accessory intended for this phone and worn on the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The SAR limit recommended by the EU Council is  $2.0\text{W/kg}^A$

The highest SAR value for this model phone was  $1.475\text{ W/kg}$ .

SAR tests are conducted using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands.

- 
- A. The SAR limit for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of body tissue. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. The SAR values may vary, depending on national reporting requirements and the network band.

### **SIM AT Service**

SIM Card provides several value-added services.

These functions will only display and work on the menu of the phone when your SIM card is supported. The content and the terms of the function lists will depend on your network service provider.



Please contact your network service provider (a network operator or the service provider) in regards with availability of any services related to the SIM card, application information and the costs.

### **Other medical devices**

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch off your phone in health care facilities when regulations posted in these areas instruct you to do so.

### **Vehicles**

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

### **Posted facilities**

Switch off your phone in any facility where posted notices require you to do so.

### **Potentially explosive environments**

Switch off your phone when in any area with a potentially explosive atmosphere, and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch off the phone while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress. Areas with a potentially explosive

atmosphere are often but not always clearly marked. They include the areas below decks on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas, such as propane or butane, areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

### **Emergency calls**

This phone, like any wireless phone, operates using radio signals, wireless, and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications like medical emergencies. To make or receive calls, the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers. To make an emergency call:

1. Key in the emergency number for your present location. Emergency numbers may vary by location.
2. Press the Send Key.
3. Inform your location. Do not end the call until given permission to do so.

Certain features like Call Barring may need to be deactivated before you can make an emergency call. Consult this document and your local cellular service provider.

### **Other important safety information**

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the



device.

- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the phone, its parts, or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. Improperly installed wireless equipment could result in serious injury if the air bag inflates.
- Switch off your phone before boarding an aircraft. It is dangerous and illegal to use wireless phones in an aircraft because they can interfere with the operation of the aircraft.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

### **Qualified service**

Only qualified service personnel may repair your phone.

It is highly recommended to have a repair service by qualified service personnel. Use only the approved accessories and batteries

## ***Special features of your phone***

- **Camera and camcorder**

Use the camera module on your phone to take a photo or record a video.

- **Bluetooth® 1.2**

Users can easily transfer and receive digital files each phone or between phone and PC (FTP). Furthermore users can utilize hands free application in listening stereo music (A2DP) and calling phone with wireless accessories like headset. (HSP)

- **Java**

Enjoy Java™-based embedded game and download new games.

- **Widget**

On a S1, Because of supporting widgets, Users will be able to enjoy easily favorite applications faster than ever.

- **FM-Radio with Internal Antenna**

FM Radio is performed high-quality sound. And especially many people enjoy FM-Radio with speaker due to Internal Antenna.

- **Barcode Recognition**

S1 can support barcode recognition which indicates product information. Users can easily check details of product by searching information of product with WAP service.

- **DRM (Digital Right Management)**

DRM technologies are to control use of digital media by preventing access, copying or conversion to other formats by end users. Service providers can get the right to control digital sources.



## **Unpack**

Make sure you have each item

- Phone
- Travel Adapter
- Battery
- User's Guide
- Earphone
- USB Data cable
- Touch pen

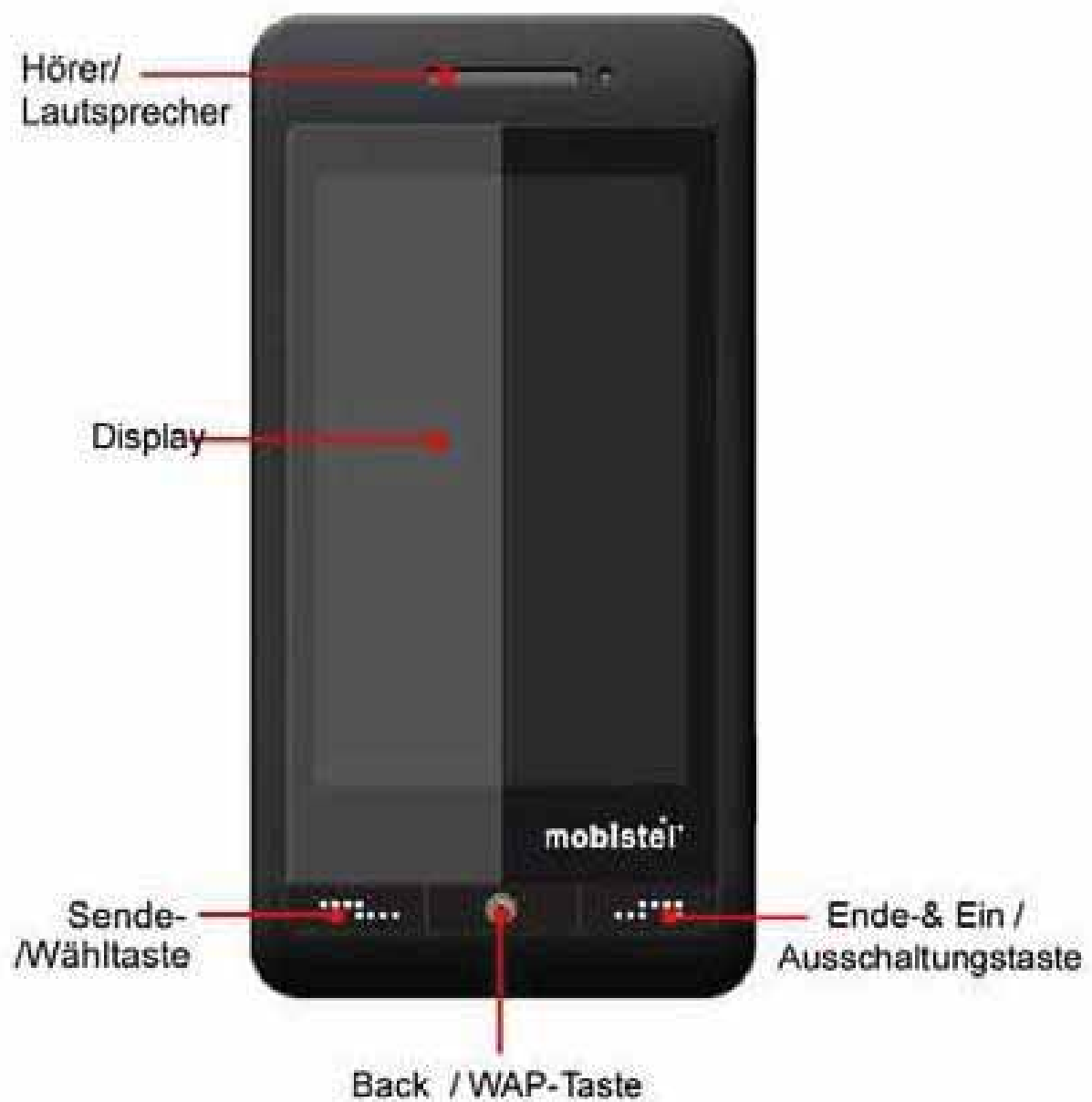
You can obtain various accessories from your local dealer.

### **Note:**

The items supplied with your phone and the accessories available at your dealer may vary, depending on your country or service provider.

## Your phone

Keys, features, and locations















## Widget

Widgets are user-friendly applications, the most important functions can go directly - without the menu - to be called. The required applications can be opened by simply pointing and pushing the button to the right of the icon on the display and activated by clicking..

Widget-Icons	Description
	Alarm
	Analog Clock
	Audio-Player
	Calendar

	<b>Date</b>
	<b>Digital-Clock</b>
	<b>Dual-Clock</b>
	<b>Radio</b>
	<b>Memo</b>
	<b>Photos:</b> Photo can be replaced by bottom right of the photo.
	<b>Missed calls and the latest news</b>
	<b>Snowman</b>

## Short-Cut Icons





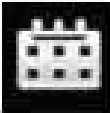
The shortcuts lead directly to the menu. You can drag the icons to the right or left to find the desired icon.

★ menu allows users to add / remove their Favorites by pushing / pulling. Simply open / close the Favorites by clicking ★ symbol.













Schnellzugriff

Favoriten

Status	Description
	Alarm
	Audio
	WAP
	Calculator
	Calendar



	<b>Call List</b>
	<b>Camera</b>
	<b>Dial pad</b>
	<b>Display Settings</b>
	<b>File Manager</b>
	<b>Menu</b>
	<b>News</b>
	<b>Phonebook</b>
	<b>Preferences</b>
	<b>Photo call:</b>
	<b>Tone</b>
	<b>Key sound volume</b>
	<b>Tasks</b>
	<b>Video</b>

## ***Menu Icons***



You can browse the menu icons in the display facing left or right button to push. Menu icons are divided into four categories, namely communications, settings, applications, entertainment:

# ***Get started***

First steps to operating your phone

## **SIM card information**

When you subscribe to a cellular network, you receive a plug-in SIM (Subscriber Identity Module) card loaded with your subscription details, such as your PIN, and available optional services.

## **Install and charge the phone**

### **1. Remove the battery.**

If the phone is already on, first turn it off by pressing and holding End key.

### **2. Insert the SIM card.**

Make sure that the gold-colored contacts on the card are face down.

### **3. Install the battery and Replace the battery cover.**

### **5. Plug the travel adapter into the phone.**

### **6. Plug the adapter into a standard AC wall outlet.**

### **7. When the phone is completely charged (the battery icon becomes still), unplug the adapter from the power outlet.**

### **8. Remove the adapter from the phone.**

### **9. Switch the Phone On/Off**

### **10. Enter Your Pin (Access Codes)**

### **11. Dial the Phone Number Required**

## **Power On or Off**

1. Hold down the power on/off key for more than one second to switch on.
2. Enter your SIM card PIN, if requested. The phone searches for



your network and when detected, will display the idle screen. The external display shows the signal strength, battery strength and current time and date.

3. When you wish to switch off the phone, hold down the power on/off key for more than two seconds.

## **Customize your phone**

### ■ **Time and Date**

Set time and date for your phone

[Menu] → [4.Setting] → [4.1. Phone Setup] → [4.1.1 Time and Date]

### ■ **Display language**

Select the language for your phone menus.

[Menu] → [4. Setting] → [4.1.Phone Setup] → [4.1.2 Language]

### ■ **Set your own favorite items**

Set up a menu for your own favorite menu items.

You can drag down favorite items using Star Icon on the selection bar

### ■ **Idle mode Wallpaper**

Set wallpaper for the idle screen on the display.

[Menu] → [4.Setting] → [4.2. Display Setup] → [4.2.1.Idle Screen] → [4.2.1.1 Wallpaper]

### ■ **Call ringer melody**

[Menu] → [4.Setting] → [4.3.Sound & Alerts]

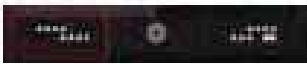
### ■ **Phone lock**

Protect the phone against unauthorized use with a phone password. The phone will require the password on power-up.

[Menu] → [4.Setting] → [4.6 Security Setup]

## Keys and display

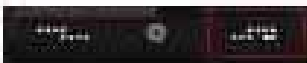
### Key Definition



#### **Send Key**

Dial or answer a call.

Recall the last call numbers in the idle mode.



#### **Power on/off Key & End Key**

End a call.

Switch the phone on and off. (press this key and hold)

Cancel your input in the menu facility and return to the idle mode.



#### **Alphanumeric Keys**

You may enter numbers, letters and special characters.

It changes camera settings in camera mode.



#### **Special Function Keys**

Enter Special Characters / Perform Various Functions

## SHORTCUTS

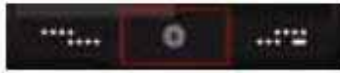


To activate the “Keypad Lock”, press this key and hold.



To activate the “Light Only Mode” option, press this key and hold.

### WAP Key



Access to WAP menu (press shortly), and launch WAP browser (press and hold).



### Camera Hot Key (side)

Press and hold to start the camera preview mode.

In camera and video preview mode, works as a shutter.

The following icons may appear on the screen to indicate your phone’s status. The icons shown on the display may vary depending on your country or service provider.



**Signal Strength**



**GPRS**



**Roaming**



**Missed Calls**



**New Message**





**MMS Unread**

---



**MMS Busy**

---



**Broadcast Message**

---



**WAP Mail**

---



**Call Barring On**

---



**Call Forward**

---



**Bluetooth**

---



**Bluetooth Headset**

---



**Bluetooth Connected**

---



**Vibrate and Ring**

---



**Vibrate then Ring**

---



**Vibrator On**

---



**Alarm On**

---



**Lock**

---



**Battery Strength**

---



**Headset**

---

\* Depending on your country or service provider, the icons shown on the display may vary.

## **Access menu functions**

### **Use the soft keys**

The roles of the soft keys vary depending on the function you are using. The bottom line of the display indicates their current role.

### **By pressing the soft keys and Navigation key:**

1. Press a desired soft key.
  2. Scroll through the menu options with Navigation keys.
    - Move the cursor up and down in the normal editing mode.
    - Move the cursor to left and right in all editing mode.
  3. Choose [Select] soft key or press the [OK] key to confirm the function displayed or option highlighted.
  4. To exit, choose either of the following methods.
    - Select [Back] to move up one level.
    - Press and hold [End] to return to idle mode.
- \* From the screen supporting <Options>, you can open an option list by selecting an item.

## ***Enter text***

### **Using Keypad**

#### **ABC, T9, Number, and Symbol modes**

You can enter text in some features such as Messages, Phone Book, or Calendar, using ABC mode, T9 mode, Number mode, and Symbol mode.

Press the appropriate key until the character you want appears on the screen.

#### **Text Input Options:**

While you are in text editing mode, you will be in several modes.

When you select the soft key (left) for option, you can save the entry or change the Text Input Method. To erase a character, press the cancel key next to the character you want to erase. There can be more than two options depending on what contents you are editing.

#### **T9 Text Editing Mode**

T9 Text Editing Mode is a predictive text input mode that allows you to key in any character using single keystrokes.

While you are in T9 editing mode, press the alphanumeric key once for one character. You will see T9 suggested words.



# ***Overview of menu functions***

To access Menu mode, press **[Menu]** in Idle mode.

\* Some menus are operator-, network- and subscription-dependent

## **1. Communication**

1. Phone Book
2. Messaging
3. E-mail
4. Call History
5. Voicemail Server
6. Broadcast Message
7. Services
8. Speed Dial

## **2. Entertainment**

1. Music
2. Camera
3. Video Recording
4. FM Radio
5. Entertainment
6. Bluetooth
7. E-Book
8. Multi Media

## **3. Application**

1. Sound Recorder
2. Calendar
3. Alarm
4. World Clock
5. Calculator
6. Stopwatch
7. Organizer
8. File Manager

## 4. Setting

1. Phone Setup
2. Display Setup
3. Sounds & Alerts
4. Call Settings
5. Network Setup
6. Security Setup
7. Pen Calibration
8. Restore Factory Settings

## 1. Communication

### 1. Phone Book

You can store phone numbers on your SIM card and in your phone's memory. The SIM card and phone's memory are physically separate, but they are used as a single entity called Phone Book. To access this menu, press **[Menu]** on the selection bar and select **Phone Book** and **Option**.

#### 1.1 ADD NEW CONTACT

Use this menu to add a new contact to Phone Book.

#### 1.2 EDIT

You can add new contact number or edit selected contact number

#### 1.3 DELETE

You can delete all phone book data in SIM card or Phone.

#### 1.4 SEND TEXT MESSAGE

Use this menu to create and send a message as following

1. Select **[Send Text Message]** menu in the **[Option]**.
2. Make a message.
3. Press **[Done]** key. Then choose appropriate options.

4. You can input the number directly or get from the phone book by pressing the **[Add from Phonebook]**
5. The phone will display the Message sending Success or Fail message on the screen for all recipients.

### **1.5 SEND MULTIMEDIA MESSAGE**

Use this menu to create and send a message as following

1. Select [Send Multimedia Message] menu in the [Option].
2. Compose a message.
3. Press "Done." Then choose appropriate options.

### **1.6 SEND VCARD**

You can send vcard using this menu

### **1.7 MULTI OPERATION**

Use this menu to send MMS or SMS to a group of people

### **1.8 CALLER GROUP**

You can view phone number by group

### **1.9 SPECIAL NUMBER**

You can view Owner Number, Service Dial Number, and SOS Number

### **1.10 Add to Blacklist**

You can add phone numbers to the Blacklist.

### **1.11 Phonebook settings**

You can view various options for settings

## **2. Messaging**

Use this menu to send and receive short messages and multimedia messages, and e-mails. You can also use a voice-mail and broadcast message features. Message functions are available depending on network services that your service provider supports.



## **2.1 MESSAGES**

### **Write Message**

#### **2.1 Text Message**

Use this menu to create and send a message as following

1. Select [Send Text Message] menu in the [Option].
2. Make a message.
3. Press [Done] soft key (Right). Then choose appropriate options.
4. You can input the number directly or get from the phone book by pressing the **[Add from Phonebook]**
5. The phone will display the Message sending Success or Fail message on the screen for all recipients.

#### **2.2 SEND MULTIMEDIA MESSAGE**

Use this menu to create and send a message as following

1. Select [Send Multimedia Message] menu in the [Option].
2. Compose a message.
3. Press "Done." Then choose appropriate options.

#### **Inbox**

This folder stores all of the messages you have received, except for e-mails.

#### **Drafts**

This folder stores messages you have saved to send at a later time.

#### **Outbox**

You can view the messages that the phone has failed to send.

## **Sent**

You can view the sent messages you have saved.

## **Delete Folder**

This folder helps you to delete all mails in selected folder as Inbox, Outbox, Sent, Draft and Delete All Folders.

## **Template**

Use this menu to make and use templates of frequently used messages.

## **Message Settings**

Within the Message Settings sub-menu, you can define default values on common parameters for mobile-originated messages.

## **3. E-mail**

The E-Mail application allows you to send and receive e-mails. The application supports text and attachments. The e-mail application could be either normal POP3 e-mail client or IMAP4 based e-mail service.

When highlighting on Inbox, Sent, Unsent and Draft, the number of mails shall be displayed as a popup hint, e.g., "10 mails".

**Note:** If current incoming protocol is set to IMAP4, and the phone is not currently connected to the network, when before entering this screen, shall popup a confirmation screen for the user with message "Do you want to connect to the network?". If the user selects "Yes", then can send list folder request to network; otherwise, directly enter this screen, and all popup hint displays "0 mails."

## **Send and Receive**

In order to exchange the email, the user has to provide appropriate settings (described in section **Email Profile**).

### **Write Email**

This menu allows you to write an email.

### **Inbox**

This folder stores the list of emails you have received.

### **Outbox**

This folder stores the list of emails you have sent.

### **Sent**

This folder displays the list of sent mails.

### **Drafts**

This folder displays the list of e-mail Draft you saved.

### **Delete All Folder**

This folder helps you to delete all mails in selected folder.

### **Delete All Mark**

This folder helps you to delete all Mark Menu.

### **E-mail Accounts**

This folder helps you to write an e-mail to your e-mail account registered in this folder

### **Templates**

Use this menu to make and use templates of frequently used messages

## **4. Call History**

Use this menu to view the calls you have dialed, received, or missed, and the length of the calls. You can simply click each menu through the top bar.



## 5. Voice Mail

Your phone is capable of dialing with voice-mail server number (if provided by your network). If you receive any voice-mail, your phone displays **New Message** in the idle screen.

Select the Voice Mail from the list and press Option. You can **Edit** or **Call** the Voice Mail server number.

By selecting the **Call Voicemail** or **selecting Phone Icon on the bottom**, your phone will dial to the configured number that has been stored in Voice Mail list. You can then listen to the voice-mail.

**Note:** Please contact your service provider for more information.

## 6. Broadcast Message

This network service allows you to receive the broadcast messages on various topics such as weather, traffic, local district code, local hospitals, taxis or pharmacy in your area.

For more information about broadcast message topics, please contact your service provider.

## 7. Service

This menu allows you to use services including SIM card additional services, WAP and Data Service.

### 7.1 SIM Toolkit (depends on SIM)

If you use a SIM card that provides additional services, the STK menu displays. For details, please refer to your SIM card instructions or contact your service provider.

## **7.2 WAP**

The Wireless Application Protocol (WAP) on your phone allows you to access the wireless web. Using the web browser, you can access up-to-date information and a wide variety of media content, such as wallpapers, ring tones, and music files.

To access this menu, press [Menu] and select **Services** then **WAP**. You can also press the WAP key in the idle mode.

### **Homepage**

When you choose [Homepage] menu, WAP browser opens the main page of home site that you had activated among the sites in [Profile].

### **Bookmarks**

You can make bookmark data in your phone. And you can connect to the site directly.

### **Recent Pages**

When you choose [Recent Pages] menu, WAP browser opens the latest WAP page.

### **Enter Address**

If you know the URL of the site, you can go to the site directly by inputting the URL.

### **WAP Push**

This menu stores the list of WAP Push you have received.

### **Settings**

This option allows you to set the WAP settings. There are several profiles of sites in this phone. You can activate one of them as a

home site and change or set each profile.

## **7.2 Rights Manager**

## **7.3 Data Account**

### **GSM**

This setting allows you to change the settings for the GSM network.

### **GPRS**

This setting allows you to change the settings for the GSM Data network.

## **8. Speed Dial**

Use this menu to assign speed dial numbers (1 to 8) for your most frequently called numbers.

# **2. Entertainment**

## **1. Music Player**

You can listen to MP3, MIDI, WAV, AMR, iMelody music files with **Music Player**.

Select play list. It will display available music list from the Memory Card or Phone depending on Player Settings.

And with selecting rotation option, the main display will be rotated to Play List, Spectrum, ID3 Tag and Detail. ID3 Tag allows you to provide the music title, album title and singer and Detail allows you to provide the output of the song, memory size and play time.

To play the music, from the music player screen, select ► or from selecting albums, select **Current List** or **My Album** then play the song you want.

## **2. Camera**



## **Taking and Saving a Photo**

1. Choose **[Camera]** menu or press the side camera hot key.
2. Set your camera by using **[Option]** or alphanumeric keys.
3. After setting the view and take a picture by selecting the **[camera]** icon
- 5 If you want to take more pictures, select the **[Back]** soft key (middle). The screen will display the camera preview.  
You can view the image in the Photo Viewer.

## **Key Usages in Camera Preview**

### **✳ Camera and Video recorder icons**

- Camera and Video Recorder (icons on the right on the screen): allows you to switch to **[Video Recorder]** menu and **[Camera]** menu.
- Brightness Setting (EV ◀ ▶): allows you to adjust the brightness (Exposure Value). When you select the ▶, the camera preview screen will become brighter, and the ◀ opposite.

### **✳ Function Keys**

There are more functions. You can use these functions by pressing the keys.


- Zoom Setting: By pressing ▲ and ▼ icons, you can zoom in and out the preview.
- Option – selecting the icons to view and select options for the Camera settings and viewer. See details the following descriptions for Options.
- Cancel or Back (middle soft key)– if you want to cancel your key-input or go back to upper menu, press the **[Back]** soft key (middle).



### **3. Video Recorder**

With this phone, you may record a video with the Video Recorder menu.

#### **Recording and Saving a Video**

1. Choose **[Video Recorder]** icon.
2. Set your video recorder by using **[Option]**
3. After setting the view, start to record a video by pressing the  key.
4. The video will ask for saving automatically to the Video Player when you press the **[Stop]** icon.

### **4. FM Radio**

#### **4.1 To listen to the radio:**

From the FM Radio mode, you can access to the FM Radio options by selecting FM Radio

#### **4.2 Schedule FM Record**

This menu allows you to set the Schedule FM Radio to record at a specific time. You can save up to 4 channels

### **5. Entertainment**

The Fun provides you with Java interface and Games. You can use your phone as your entertainment center.

#### **5.1 Java**

Using this menu you can enjoy the embedded Java games and downloaded Java games or Java Applications from WAP.

#### **5.2 Java Settings**

You can setup audio, network profile, and free data space.

## 5.3 Games

This phone provides you embedded games.

## 5.4 Motion Games

This phone provides you embedded motion game. Dice game.

## 6. Bluetooth

### 6.1 Bluetooth Mode

To connect this phone to other Bluetooth device, set this option On.



icon will appear on the idle screen.

The phone's Bluetooth power will be turned on, until you turn the Bluetooth Mode off. When you turn off your phone's power, and turn on the next time, the Bluetooth power will be On. If the Bluetooth device was connected, the phone will connect to the device when the phone's power is back on.

**Note:** When you are not using the Bluetooth feature, set the Bluetooth Mode to Off, in order to save the battery power.

### 6.2 My Device

This menu will search for the Bluetooth device(s) within the range of your phone. You can conveniently connect to the frequently using Bluetooth device by using this menu.

1. Put the device nearest possible when you search a new device.
2. Check to turn on your phone and the new device. For turning on your new device, see instruction provided by the device manufacturer. Make sure your phone is in Bluetooth Mode.
3. Select "Inquiry New Device" to find the new device.

4. After your phone finds the device, press [Bond] soft key (left), it might ask for a pass code. Default pass code is depending on the Bluetooth device. You might try 0000 as a pass code. Usually the Bluetooth audio device provides a guide with this pass code.
5. The phone and device will be paired and connected. If you fail this pair procedure, try again or contact the device manufacturer, or change to other device.

**Note:** Please use recommended Bluetooth devices for optimal use.

### **6.3 Active Device**

This menu activates the Bluetooth device(s) of your phone.

### **6.4 Remote Control**

- 1) Prepare EL680 Handset and PC with Bluetooth(V1.2) installed.
- 2) Menu – Settings – Bluetooth – Bluetooth Mode : On
- 3) Menu – Settings – Bluetooth – My Devices – Option – Search for Devices – Select PC Bluetooth Device – Bond – Insert Code No.(0000) – Complete the connection.
- 4) When the pairing is completed, you can find and connect the HID Profile from your PC to Handset. (The connection mode can be different by each BT Vendor application tool.)
- 5) Automatically connect to Remote control menu in Bluetooth mode.
  - ① Desktop : Window Desktop Control menu
  - ② Media Player : Window Media Player Control menu
  - ③ Presenter : MS Power Point Control menu
- 6) You can operate the Remote Control function by inserting the GUI Key in each menu table.



## **6.5 Settings**

### **Visibility**

You can set your phone visible to other Bluetooth devices. If you set this On, other devices can search your phone as a Bluetooth device. You can only change this option when the Bluetooth Mode is On.

### **My Phone Name**

Name your phone name by using this option. When other Bluetooth device searches your phone, this name will be displayed.

### **Authentication**

Set Authentication On or Off. You can only change this option when the Bluetooth Mode is On.

### **Audio Path**

- (1) Leave in Phone
- (2) Forward to BT Headset

### **FTP Settings**

Set shared folders of File manager when you send data by Bluetooth.

## **7. E-Book Reader**

The viewer application provides an easy way for you to read documents stored in the phone's memory or a memory card. Available file formats are Txt and pdf file.

## **8. Multimedia**

You can view photos, video files and slide show or edit photos



## **3. Application**

### **1. Sound Recorder**

With this menu, you can record sound in AMR, WAV and AAWB format and use it as voice memo, ring tone, MMS and EMS attachment

### **2. Calendar**

You can keep track of your monthly schedule

### **3. Alarm**

This menu allows you to set the alarm to ring at a specific time. You can save up to five alarms.

### **4. World Clock**

Set your local time zone and find out the current time in another part of the world.

### **5. Calculator**

Perform basic arithmetic functions.

### **6. Stopwatch**

Measure elapsed time.

### **7. Organizer**

Use this menu to keep track of your schedule. You can also use convenient features, such as Units Converter, To Do List, Melody Composer, Health, and Notes

### **8. File Manager**

Use this menu to navigate the stored files in the phone or the micro

SD (T-Flash) Card. You can open files and use them in a way the phone supports, and see the total memory used and free space in the storage.

**Note:**

After selecting Copy or Move option, press the left or right navigation keys to access to the upper or lower folder.

**Note:**

Depending on the software installed or your service provider or country, some of the descriptions in this guide may not match your phone exactly.

Depending on your country, your phone and accessories may appear different from the illustrations in this guide.

## 4. Settings

The Settings menu provides you with various setting options to customize the phone to your preferences and needs. You can also reset the settings to their default values.

### 4.1 Phone Setup

Many different features of your phone's system can be customized to suit your preferences.

#### Time and Date

You can set time and date for your phone.

#### Language

Use this menu to select one of several languages for the display

text. Select your preferred language and press [Ok] soft key (left) to save the setting.

### **Preferred Input Methods**

The preferred input method changes the input languages automatically under the Language setting.

### **Auto update of date and time**

### **Flight Mode**

This menu allows you to set Flight Mode. Select Flight Mode to set the Flight Mode.

- Normal Mode
- Flight Mode
- Query When Power On

## **4.2 Display Setup**

This menu allows you to customize desired phone display items.

## **4.3 Sounds & Alerts**

Use this menu to customize various sound and change settings for the light.

## **4.4 Call Settings**

The following Call Setup features are network services. Please contact your network service provider to check availability and subscribe to the feature.

## **4.5 Network Setup**

Network Setup helps you in Network Selection, selection of Preferred Network, and GPRS connection.

### **Network Selection**

The Network Selection feature enables you to select automatically or manually the network used when roaming outside of your home network.



**Note:** You can select a network other than your home network only if it has a valid roaming agreement with your home network.

### **Preferred Networks**

You can set your preferred networks from PLMN list. You can add From List, Create New, Change Priority and Delete

### **GPRS Connection**

Select GPRS Connection to change the setting for the GPRS connection.

It will switch and save the GPRS connection to set on:

- 1) When Needed.
- 2) Always

## **4.6 Security Setup**

Use this menu to protect the phone against unauthorized use by managing the several access codes of your phone and SIM card. There are six types of security setting categories, and you can optimize security mode by choosing sub menus in “Security Setup” in “Settings” menu. These security settings will help you to keep privacy and to prevent other people from using the phone without your permission.

**Note:** If you enter an incorrect PIN/PIN2 three times in succession, the SIM card is blocked. To unblock it, you need to enter your PUK/PUK2. The codes are supplied by your network operator.

### **PIN Lock**

When the PIN Lock feature is on, the phone only works when you enter PIN code for the SIM card. If you turn on the phone with the

SIM card, the phone will ask for the password. Once the correct password is entered, the phone will work with the SIM card.

### **Phone Lock**

When the Phone Lock feature is on, user must enter the password each time you turn on the phone. Making a call or operating the phone is not available without the password.

### **Auto Key Lock**

To prevent unwanted accidental key presses, you can use this auto key lock function. You may not make a call or operate the phone until you press the unlock code. However, answering a call, receiving messages are available without entering the unlocking key sequence.

#### **To change the Key Lock setting,**

1. Press and hold the Camera key or
2. Press the menu key and select 4. Settings / 4.6 Security Setup / 4.6.3 Auto Key Lock.

#### **To unlock the Key Lock time setting,**

1. Selecting the Auto Key Lock touch screen in sequence, each time you need to release the key Lock.

### **Fixed Dial**

When the Fixed Dial mode is enabled, the person using this phone can call to the phone numbers stored in the Fixed Dial List only.

To make a call to the number not starting the numbers stored in Fixed Dial List, you must enter the PIN2 to disable Fixed Dial mode. If the SIM card does not have PIN2, this feature is not supported.

### **Barred Dial**



When the Barred Dial mode is enabled, the person using the phone cannot call numbers in the barred dial list. To call a barred number, you must enter the PIN2 to disable the barred dial mode. If the SIM card does not have PIN2, it will not support the Barred Dial feature.

### **Change Password**

To change the password, input the current password, and then enter the new password.

**Note:** The initial password is “2468.” After you change your password, you will need to input the password. If you forgot your password, contact the service center.

### **4.7 Pen Calibration**

In case of the failure to operate Touch Point, the user can adjust the coordinates for optimal use.

### **4.8 Restore Factory Settings**

This feature would reset the phone to the same settings as those configured at the factory. In this case, it does not delete the downloaded objects and phone book records.

You will need to input password to restore factory settings. The initial password is 2468.



## **RF Exposure Information and Statement**

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types S1 (FCC ID: RV2S1Q) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 1.170 W/kg and when properly worn on the body is 1.193 W/kg. This device was tested for typical body-worn operations with the back of the handset kept 1.5cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.5cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

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