ASUS

2.0M
PIXELS

ASUS Z801
User Manual

Contents

Contents

Preface

Congratulations on your purchase of an ASUS Z801 mobile phone. Read this manual carefully and keep it in a safe place for future reference.

About this manual

Every effort has been made to ensure that the contents of this manual are correct and up to date. However, the manufacturer makes no guarantee regarding the accuracy of the contents, and reserves the right to make changes without notice.

Copyright statement

Welcome

Congratulations on your purchase of an ASUS Z801 cell phone. The following illustration displays the package contents of your new phone.

Package contents
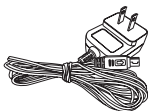
Z801 handset   Travel charger   Desktop charger   750 mAh Li-ion battery x2   Stereo headset   USB cable
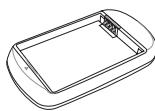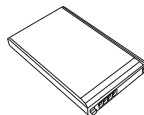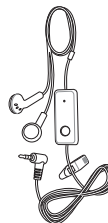
User manual   Quick start guide   Handset Manager CD-ROM   Warranty card
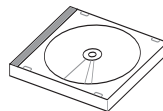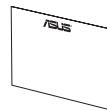
Overview

The Z801 is a stylish and fashionable new phone from ASUS, with all the functions and utilities to make it a useful tool in today's mobile world. The Z801 comes equipped with a built-in camera, MMS/SMS messaging capability, organizer, Java games, audio player, Bluetooth capability, WAP, GPRS, and a microSD™ card slot. In addition to the internal 64 MB phone memory, the microSD™ card* provides additional memory where you can store your graphics, and audio files. The Z801's audio player enables you to play back your favorite music. To enjoy powerful media file management with ease, avail of the Music Manager's advanced features and functions. The Z801 features a voice recognition program that allows you to perform verbal commands to the phone, such as call, find a contact, open a shortcut, and others.

Features
- Wide variety of calling and messaging functions
- Built-in camera
- Media center with audio player and games for your entertainment
- MMS and SMS messaging capability
- Personal information organizer with alarm, calendar, calculator and other useful tools to manage your time
- WAP and GPRS capability to check e-mail or browse web services
- Bluetooth capability
- Voice recognition

* **NOTE**: The microSD™ card is an optional accessory. The accessory bundle may vary in different territories.

Specifications

System supported	Triband GSM900/1800/1900; GPRS Class 10
Dimensions	92 (L) x 46 (W) 23.5 (T) mm
Weight	110g
Battery	750 mAh Li-ion
Standby time	200 ~ 300 hours*
Talk time	2 ~ 5 hours*
Main display	2" TFT, 262 K colors, 240 x 320 pixels
Sub Display	1" TFT, 262 K colors, 128 x 128 pixels
Phonebook	1,000 sets
Messaging	Supports SMS, EMS, MMS, Email
Camera	2 Megapixel / CMOS
Video recording	Records an unlimited number of files, depending on internal and exernal memory status Supports MPEG4 video recording
Ringtone	64 chord polyphonic ring tones Supports MP3 / AAC / AMR / WAV
Voice recording	Records an unlimited number of files, depending on internal and external memory status
Memory	64 MB internal memory and microSD™ external slot
Java	Supports MIDP 2.0
Games	3 Java games
Connectivity	USB 1.1 support Bluetooth 1.2 (Supports GAP, SDP, HSP, HFP, SPP, DUN, OPP profiles)
WAP	WAP 2.0
Other Features	MP3 Music Player / FM Radio Supports H.263 / MPEG4 (3GP) video format and MP3 / AAC / WAV / AMR ring tones Flight mode Supports bluetooth data transfer, handfree, stereo headset, QR code Voice recognition technology

NOTES:

• *Talk and standby times may vary depending on network configuration, signal strength, operating environment, features selected, and voice, data, and other application usage.

• All specifications are subject to change without notice.

Menu Map

Network
- WAP
- Data Account

Messages
- Unified Inbox
- SMS
- MMS
- Chatting Rooms
- Email
- Voice Mail
- Cell Broadcast

Profiles
- Normal
- Meeting
- Outdoor
- Indoor
- Headset
- Bluetooth

Settings
- Phone Settings
  - Date / Time
  - Input Method
  - Language
  - Shortcut
  - Voice Command Settings
  - Flight Mode
  - Greeting Text
  - Auto Date/Time Update
  - LED
  - Firmware Version
- Display Settings
  - Themes
  - Main Wallpaper
  - Sub Wallpaper
  - Power On Animation
  - Power Off Animation
  - Idle Screen
  - Clean Wallpaper
  - Brightness
  - Backlight Timer
  - Sleep Timer
- Tone Settings
  - Incoming Ringtone
  - Power On
  - Power Off
  - Flip Open
  - Flip Close
  - Message Tone
  - Key Tone
- Call Settings
  - Hide My No.
  - Call Waiting
  - Call Forwarding
  - Call Barring
  - Line Switching

- • Call Time Reminder
- • Call Time Display
- • Auto Redial
- • Closed User Group
- • Call Filter
- ■ Network Settings
  - • Network Selection
  - • Preferred Networks
  - • GPRS Connection
- ■ Bluetooth Settings
  - • Power on Bluetooth
  - • Search New Device
  - • My Device
  - • Active Device
  - • Settings
  - • About
- ■ Security Settings
  - • SIM Lock
  - • Phone Lock Code
  - • Auto Keypad Lock
  - • Fixed Dial
  - • Barred Dial
  - • Change Password
- ■ Factory Settings

Camera
- ■ Capture
  - • My Album
  - • Image Size

- • Effect
- • LED Highlight
- • Frame
- • Capture Timer
- • Shooting Mode
- • Storage
- • Advance Settings
- ■ Video Recorder
  - • My Video
  - • Effect
  - • Record Audio
  - • LED Highlight
  - • Storage
  - • Advance
- ■ QR Code Decoder
- ■ My Album
- ■ My Video
- ■ My Secret Album
- ■ My Secret Video
- ■ Photo Artist

Media Center
- ■ Audio Player
- ■ FM Radio
- ■ MP3 Equalizer Settings
- ■ Java
- ■ Java Settings
- ■ File Manager

Organizer
- Alarm
- Power On/off Timer
- Calendar
- Tasks List
- Calculator
  - Basic
  - Scientific
- World Clock
- Voice Recorder
- AB Repeater
- Schedule FM Record
- Stopwatch
  - Typical
  - nWay
- Countdown
- Units Converter
- Currency Converter
- Health
  - Calculate BMI
  - Menstrual

Contacts
- Quick Find
- Search Entry
- Add
- Copy All
- Delete All
- Settings

- Caller Group
- Extra number
  - My Phone Number
  - Service Number
  - SOS Number
- Memory Status
- Default Storage
- Fields
- My vCard
- Speed Dial
- Pasword Protection
- Caller Video

Calls
- Missed Calls
- Dialed Calls
- Received Calls
- Delete Call Log
- Call Time
- Call Cost
- SMS Counter
- GPRS Counter

Getting started

Front view (flip open)

Earpiece

Main screen

Navigation/Quicklaunch keys

Left soft key

Right soft key

Enter key

Call key

Power/End key

Alphanumeric keypad

Headset port

Charger/Mini-USB socket
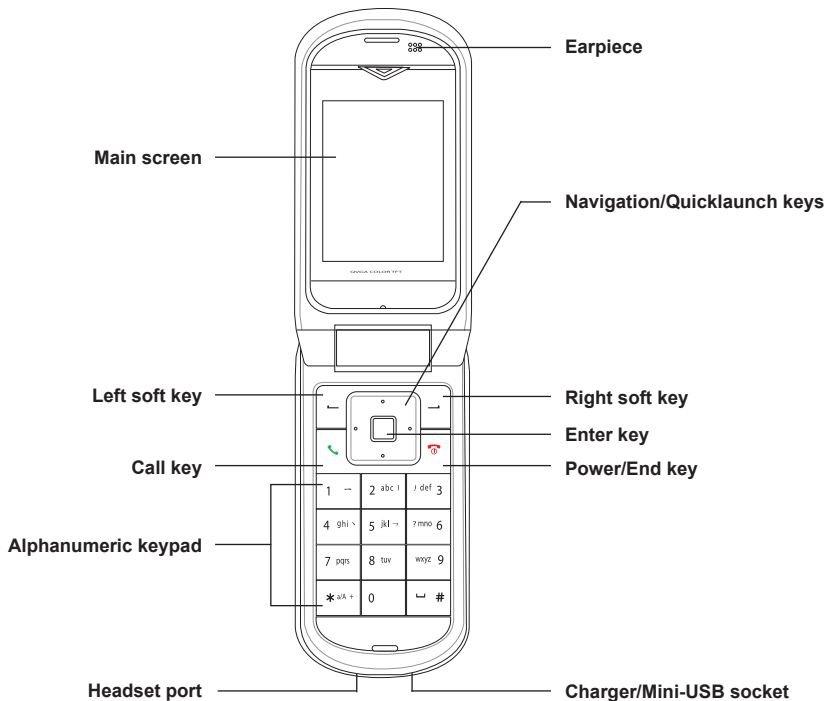
NOTE: Refer to the next page for function key descriptions.

Function keys

The following table lists the phone keys and their functions.

Power/End key		**Up navigation/quicklaunch key**	

Power/End key
- Hold to turn the phone on or off.
- Press to stop an incoming call or cancel a call you are dialing.
- Press to return to the standby mode.
- Press to erase the screen texts.

Call key
- Press to dial or answer calls.
- Press to display the call logs or to redial the last number called.

Left soft key
- Press to display the main menu when on standby mode.
- Press to confirm selection of a menu item.
- Press to perform the function currently displayed on the lower left corner of the screen.

Right soft key
- Press to view contacts when the phone is in standby mode.
- Long-press to launch voice command in standby mode.
- Press to perform the function currently displayed on the lower right corner of the screen.
- Press to enable the loudspeaker when dialing or during a call.

Up navigation/quicklaunch key
- Press to scroll up through menu items.
- Press to enter Unified Inbox menu.

Down navigation/quicklaunch key
- Press to scroll down through menu items.
- Press to enter Shortcut List menu.

Left navigation/quicklaunch key
- Press to scroll left through menu items.
- Press to enter Camera menu.

Right navigation/quicklaunch key
- Press to scroll right through menu items.
- Press to enter Media Center menu.

Enter key
- Press to display the main menu when the phone is in standby mode.
- Press to confirm selection of a menu item.

Front view

Flash

Loudspeaker

Camera lens

Sub screen

Rear/Left view

Capture button
Captures photos

Volumn key
Increases or decreases
the volumn for calls or
ring tones

Battery cover
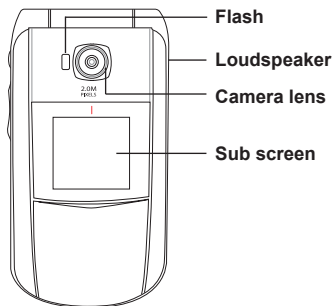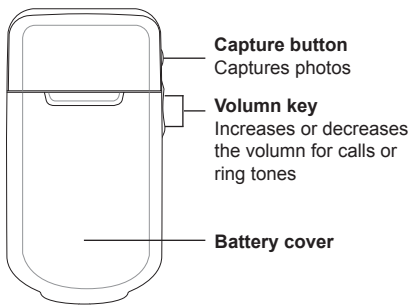
Inserting the SIM card, microSD™ card, and battery

When you register with a service provider, you receive a Subscriber Identity Module (SIM) card. Your phone must have a SIM card in order to make calls. The SIM card is a computer chip that contains your phone number, phonebook information, and service provider information. Handle it with care and do not bend it or expose it to static electricity or dirt. Be sure the power to your phone is off before you insert your SIM card.

The SIM card and the microSD™ card slots are situated underneath the battery.

1. Slide the cover in the direction of the arrow. Lift and set it aside.
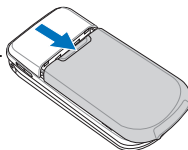
2. Insert the SIM card and slide it into the holder until it fits. The gold contacts of the SIM card should face down and the notched edge should be on the top left corner.
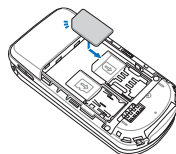
3. Insert the microSD™ card and slide it into the holder until it fits. The gold contacts of the card should face down with the notched edge on the left side.
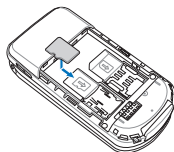
4. Place the battery into the battery compartment noting the correct polarity. Carefully press down the battery until it snaps in place.

CAUTION:

- Use only the battery recommended by the manufacturer. Using an incompatible battery with the phone may cause risk of an explosion.

- Dispose of the used batteries according to the manufacturer's instructions, or ask your local authorities for assistance.

5. Replace the back cover, sliding it upward until it snaps in place.
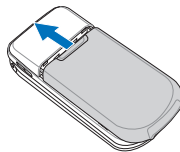
Removing the SIM card, microSD™ card, and battery

1. Slide the cover in the direction of the arrow. Lift and set it aside.
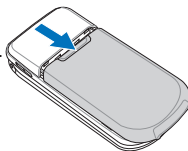
2. Pull the protruding film on top of the battery in the direction of the arrow, then carefully lift the battery out of its compartment.
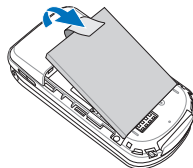
NOTE: Be careful when using the protruding film on the battery. Incorrect usage may damage/tear the protruding film

3. Use your fingertip to slide the SIM card out of the holder in the direction of the arrow.
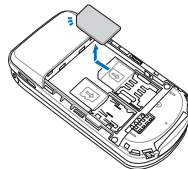
4. Refer to step 3 to remove the microSD™ card.
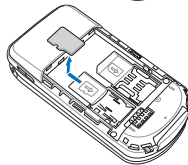
Charging the battery

It takes a few hours to fully charge a battery for the first time. For best battery performance, allow the battery to charge and discharge completely the first few times you use it.

1. Connect the charger plug to a power outlet.
2. Connect the charger to the socket at the bottom of the phone. The connector can only be inserted one way.
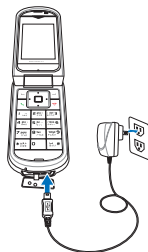
CAUTION:

- Use only the batteries and chargers approved by ASUS or else damage may occur to the mobile phone.
- You can also charge the battery by connecting the phone to a computer using the supplied USB cable.

In charging

When the phone is turned on, the animation on the upper right corner of the screen will indicate the charging progress. The phone is workable when the battery is charged, but it may take twice the time to fully charge the battery.

When the phone is turned off, the animation will appear on the screen to indicate the charging progress. The phone can be turned on for use when the battery is charged.

Low battery indicators

The battery indicator on the upper right corner of the screen indicates how much charge remains in the battery. When the battery is low, the phone will beep and the message "battery low" will appear on the screen.

NOTE: If the battery has been deeply discharged, it may take the battery level indicator several minutes to display.

Turning the phone on/off

To turn the phone on:
- Flip open the phone.
- **Hold down the power/end** 🔘 **key** until the screen lights up.
  If needed, enter your SIM card PIN code and press the Enter key.

To turn the phone off:
- Press the power/end 🔘 key and hold until the phone shuts down.

NOTE: If you set an alarm using the Organizer menu, then turn off the phone, the phone will turn itself on when the alarm is activated. After you disable the alarm, the phone prompts you if you want to keep the phone turned on or off. See the Organizer section for details about setting an alarm.

Standby mode

When your phone is on, but not in use, it is in standby mode. During standby mode, the upper part of the display screen shows various icons.

The time and date are displayed at the lower center of the screen. Under the date and time are **Menu** on the left corner and **Names** on the right corner. Press the left soft key ⊟ to view the main menu, and the right soft ⊟ key to view the phone book.

The Standby screen icons and their descriptions are as follows:

Icon	Description
📶	Vertical bars indicate the strength of the GSM network signal. Four bars indicate that your current position has the best reception.
📵	Indicates a missed call.
☎	Call divert is enabled.
🎵	Ringtone is enabled.
🎵	Ringtone and vibrate mode are enabled.
🔕	Ringtone and vibrate mode are disabled.
📳	Vibrate mode is enabled.
🔇	Mute mode is enabled.

Icon	Description
🔑	Keypad is locked.
⏰	Alarm has been set.
✉	A text message has been received.
✉	A multimedia message has been received.
✉	An email has been received.
🌐	A WAP message has been received.
▲	Phone is in roaming mode.
💬	Chatting rooms are enabled.
G	Phone is using GPRS network.
🚫	Ignored list is enabled.
👤	Priviledged call is enabled.
🔋	Indicates battery charge status.
❖	Bluetooth is enabled.

Using the menu

To view the main menu, go to standby mode, then press the left soft key ⊡ or enter key. Follow these tips to navigate through the menu and menu options.

- Use the up, down, left, and right navigation keys to move through the various menu items.
- The upper part of the screen displays the name of the menu item currently selected while the lower right corner displays Back. Press the left soft key ⊡ or the enter key to select the menu item. Press the right soft key ⊡ under Back to exit the menu.
- Below each menu item is a small number. You can also select the menu item by pressing the corresponding number on the keypad.
- To quickly exit from the menu, press the power/end ⊡ key.
- Use the navigation keys to select the submenu items and options. You can also use the left soft key ⊡ or the enter key to open various options in some submenus.

For example, to view missed calls:

1. Use the navigation keys to select Calls from the main menu.
2. Press the left soft key ⊡ or the enter key to confirm the selection. The Calls submenu opens.

3. Press the left soft key ⊡ or the enter key to select the Missed Calls option. A list of missed calls opens.

The following table provides a list of all the main menu items:

	Network: Enables you to specify the WAP and data settings and set up GSM and GPRS settings. Enables access to the internet and STK SIM card services.
	Messages: Allows you to access, write, send, receive, and organize text (SMS), multimedia (MMS), and email messages. You can also check email, chat, and broadcast a message using this menu.
	Profiles: Enables you to select and customize the phone settings including the ring tone, volume, ring type, and answer mode.
	Settings: Lets you adjust phone settings, display settings, tone settings, call settings, network settings, Bluetooth settings, and security settings. You can also restore all settings to their factory default from this menu.
	Camera: Enables you to take pictures as well as record video with your phone and organize them. You can also edit images from this menu.

	Media Center: Consists of an audio player, FM radio, and games. You can manage all your data using a file manager
	Organizer: Contains useful tools such as an alarm, a calendar for scheduling appointments, a to-do-list, a stopwatch, a countdown function, and a calculator. You can also record memos and radio programs, enable a language-learning tool, convert units or currency, and manage your health.
	Contacts: Enables you to manage names and telephone numbers for easy access and caller recognition.
	Calls: Stores information about calls made, received, and missed. You can also track call costs, SMS sent and received, and GPRS usage from this menu.

NOTE: Some menu services are network-dependent/ subscribed. Contact your provider for details on how to avail of these services.

Text entry

When you add names to your phone book, send a text message, or use your WAP browser, you need to enter text. Your cell phone has several text entry methods. You can enter letters individually or with predictive text entry, which helps you complete words as you enter them. You can enter letters in upper case, lower case, or both, or insert symbols.

Basics

- Use the alphanumeric keypad to enter letters and numbers. Each key is assigned multiple characters.
- Press the right soft key to select Clear on the lower right corner of the screen to delete a letter if you make a mistake.
- To enter spaces or symbols, press the ⓪ key. The symbol table is displayed. Use the navigation keys to highlight a symbol and press the enter key to select it. The ⎵ character represents a space. You may also enter a space by pressing the right navigation key or the ▭ key.
- The character case is indicated by ABC (upper case), Abc (upper-lower case), and abc (lower case). Press * to change the character case.

Key	Assigned characters
1	. , - ? ! ' @ : # $ / _ 1
2	A B C 2
3	D E F 3
4	G H I 4
5	J K L 5
6	M N O 6
7	P Q R S 7
8	T U V 8
9	W X Y Z 9
0	0, display symbol table

Choosing text entry methods

From any text entry screen, such as a text message window, select **Options > Input Method**.

ABC input

ABC input enables you to enter individual letters one by one. This is ideal for adding a phonebook entry or entering a WAP address. When you press a key, the characters assigned to the key appear on the screen. Press the key repeatedly to scroll through these characters. Pause for a moment and the selected letter appears on the screen. For practice, try creating a text message (SMS) as follows:

From the menu, go to **Messages > SMS > Write Message**. Before entering text, press **Options > Input Method**, and select **ABC Input.**

To enter the words "my phone" into the text entry area, follow these steps:

1. Press **6** to select **m**.
2. Press **9** three times to select **y**.
3. Press **0** followed by OK to enter a space.
4. Press **7** to enter **p**, then press **4** twice to enter **h**. Continue in this fashion until the word "phone" is entered.

Smart Abc

Smart Abc is a predictive text entry method, which uses a built-in dictionary to predict the word you are typing. You can choose the correct word by pressing the keys repetitively and scrolling through the words suggested by the phone. By reducing the number of keystrokes, the smart Abc helps some users to type messages more quickly.

Whenever you press a key, a list of possible characters or character combinations is created. To enter text, use the up and down navigation keys to find the character combination you want. Press the right navigation key or # key to proceed entering the next character. If you make a mistake, press Clear.

Here is an example of how to enter the word "baby" using smart text entry.

1. Press **2**. The letter a appears on the screen.
2. Press **2** again quickly to go to the next suggestion which is ba. If you press the up/down navigation keys, the phone scrolls through all possible two-letter combinations of the letters a, b, and c.
3. Press **2** again quickly to display three-letter combinations of the letters a, b, and c.
4. Press the up/down navigation keys to scroll through the possible words. When you see the "bab" combination, press the right navigation key to proceed to the next letter.

15

5. Press **9** and the letter x appears. Tap the up/down touchpad keys to scroll through letter options and select "y."

NOTE: For smart text entry to work properly, ensure the language settings in your phone match the language you want to type in. To set the language, go to Settings > Phone Settings > Language.

Numeric text entry

Numeric text entry allows you to create a text message composed of numbers. To use this method, select **Options > Input Method > Numeric**. Now you can directly input the numbers using the keypad.

Symbols text entry

With this method, you can enter various types of symbols. Select **Options > Input Method > Insert Symbols**. A list of symbols is displayed. Use the navigation keys to select the desired symbol and press OK when done.

Switch text input method

Select **Options > Input Method**, or long press ***** key in full screen editor.

Transferring files to a computer

Connect the mobile phone to a computer using the supplied USB cable. The Mass Storage window appears. Press OK to continue. The phone shuts down.

The phone memory appears on your computer as a removable disk. If the microSD™ card is installed in the phone, it also appears on the computer as a removable disk.

You can transfer files between the computer and the phone using a file viewer, such as Windows® Explorer or My Documents.

For increased functionality, including tools for creating and editing messages, images, music, and more, use the Handset Manager software included in your package.

For more information, refer to the Handset Manager section of this user guide.

Upgrading the firmware

To upgrade the firmware version:
1. Turn off the handset and disconnect the USB cable.
2. Visit the ASUS website (www.asus. com) for the latest firmware version. In the **General Download** section, click **Search**. A list of download items appears. Download the firmware to your PC. Execute the file, then click **Upgrade**.
3. Plug one end of the USB cable to the PC. Press ⬜ key on the handset, then plug the other end of the cable to the mini-USB socket on the handset. The upgrade program will automatically detect the COM port and execute itself.
4. When the message "Burning finished" appears, click **Exit**.

5. After installing the latest firmware version, go to **Settings > Factory Settings** to restore all settings to factory default in order to activate the latest WAP/MMS settings.

NOTE:

- Make sure the battery has sufficient charge before executing the firmware upgrade.
- Do not interrupt the upgrade procedure. If the procedure terminates for any reason, remove the battery and reinsert it, then restart the fireware upgrade.
- The upgrade program is supported by Windows® 2000/XP.

Calls

Making a call

To place a call:

1. Enter the number you want to dial using the keypad. If you make a mistake, select **Clear** to delete at any time. The right soft key ⌐ is just under the word **Clear** on the lower right screen; select this key to clear a number.

   To cancel the call and return to standby mode, press the **power/end** 🔚 key.

2. Press the **call** 📞 key to connect the call after you finish dialing the number. To enable the loudspeaker, select **H-Free** on the lower right corner of the screen by pressing the right soft key ⌐.

3. Press the **power/end** 🔚 key to disconnect the call.

Making international calls

To make an international call:

1. Enter a **+** by holding down the ***** key.

2. Enter the international access code for the country you want to dial, followed by the area code and the telephone number.

Answering a call

When you receive a call, the phone alerts you by sounding the ring tone and vibration according to the specified ring tone and vibration settings. To answer the call, do the following:

1. Flip open the phone to answer the call.

2. Press the **power/end** 🔚 key to end the call and disconnect.

You may also select **Options > Answer** to answer the call.

Answer mode

The default setting for the handset is to answer when you flip open the phone. However, you can also set the phone to pick up by pressing any key. To answer a call by pressing any key, select **Profiles** from the main menu, then choose the profile setting you want.

For example, select **Normal**, then choose **Options > Personalize > Answer Mode > Any Key**. Press the enter key to check the **Any Key** option. The left soft key ⌐ is just under the word **Save** on the lower left screen; select this key to enable the setting.

Rejecting an incoming call

To reject an incoming call, press the **power/end** key; or, press the right soft key twice to select the **Reject** option. Depending on your service provider, the caller may be transferred to your voice mail or hear a busy signal.

Diverting a call

To divert an incoming call to another number:
1. When you receive the call, press **Options** and then select the **Deflect** item.
2. Use the keypad to enter the phone number to which you want to divert, or select **Search** using the left soft key then browse through the phone book to select a number.
3. Press **OK** when done.

Redialing a number

The phone provides a quick method to redial a previously dialed number.

To redial a number:
1. On standby mode, press the **call** key. The Call logs screen appears, displaying a list of previously dialed numbers. The last number dialed is on top of the list.
2. Select the number you want to dial, then press the **call** key to dial the number.

You can also access dialed numbers from **Calls > Dialed Calls**.

Call logs

Call logs consist of information about missed, dialed, and received calls. To view lists of missed, dialed calls or received calls, select **Calls** from the main menu. Then select Missed Calls, Dialed Calls, or Received Calls to view the type of calls you require. The number of calls in a list is limited to 20 entries. Older calls are dropped from the list when the limit is reached. Most recent calls appear first in a list.

You may also view call logs by pressing the **call** key when the phone is on standby mode.

Returning a missed call

If you have missed a call, a message appears on your standby screen to tell you a call was missed. Select **Read** to see the most recent missed calls.

To view a complete list of missed calls:
1. Select **Calls > Missed Calls**.
2. Scroll through the list and select the desired call. Press the **call** key to call the number.

To view additional information, select a missed call number from the list, then press the enter key. You will see the date, time, caller's name and phone number, and the number of times the call was received is displayed. To call

the number, press the **call** 📞 key or select **Options > Dial**.

To dial a number from the received or dialed call logs, follow the same procedure in the previous section "Returning a missed call."

Call log options

While viewing a number from the dialed, received or missed call logs, you can select **Options** to view other functions as follows:

- **Delete:** Deletes the number from the list. Deleting can create space for other numbers.
- **Save:** Adds the number to the phonebook.
- **Dial:** Calls the selected number.
- **Edit:** Modifies the number. This may be useful for adding an area code, for example. Modify the number, then select **Save** to save the number to your phone book.
- **Send SMS:** Opens the compose window to let you send a text message to the number.
- **Send MMS:** Lets you send a multimedia message to the number.

Deleting call logs

To delete call logs:

1. Select **Calls** from the main menu and then select **Delete Call Log**.

2. Select the list you want to delete:
   - Missed Calls
   - Dialed Calls
   - Received Calls
   - Delete All

Call Time/Cost

Depending on the type of service package you have, you may pay according to the length of your calls. Some users want to monitor the length of their calls. Your phone offers a convenient and accurate way to keep track of call length and costs using **Call Time** and **Call Cost**.

- Select **Calls > Call Time** to see the various call times. You can view the **Last Duration**, **Dialed Calls**, and **Answered Calls**. You can also reset the timer using the **Clear Counters** option.

- Select **Calls > Call Cost** to calculate your phone bill. You can display the **Last Call Cost**, **All Calls' Cost**, or **Clear Counters**.

You can also set **Call Costs' Limit** and the **Price Per Unit**. Some of these settings require that you enter a PIN that can be obtained from your service provider.

SMS Counter

There is an SMS counter which can keep a log of the number of SMS messages sent and received.

To view the SMS counter:
1. From the main menu, select **Calls > SMS Counter.**
2. Use the navigation keys to highlight the **Sent** or **Received** option.
   The number of sent or received messages is displayed.

GPRS Counter

There is an GPRS counter which can keep a log of the number of GPRS data sent and received.

To view the SMS counter:
1. From the main menu, select **Calls > GPRS Counter.**
2. Use the navigation keys to highlight the **Last Sent**, **Last Received**, **All Sent**, **or All Received** option.
   The number of sent or received messages is displayed. You can also reset the timer using the **Reset Counter** option.

Options during a call

When a call is in progress, the following options are available:
- **Hold:** Puts a current call on hold.
- **End:** Ends a call.
- **New Call:** Places a new call.
- **Contacts:** Displays the contacts menu. You can use this function to check a contact phone number during a call.
- **SMS:** Displays the messages menu. This is convenient in loud speaker mode if you want to send an SMS during a call.
- **Voice Recorder:** Starts recording the conversation. To stop recording, select **Stop**.
- **DTMF:** Enables the Dual Tone Multi-Frequency (DTMF), which allows the recipient to hear key press tones.
- **Mute:** Mutes a call.

Other call options

For other advanced call features, go to the **Settings > Call Settings** submenu. There are features including Hide My No., Call Waiting, Call Forwarding, Call Barring, Line Switching, Call Time Reminder, Call Time Display, Auto Redial, Closed User Group, and Call Filter.

These features are discussed in the "Call Settings" section of the Settings chapter in this manual.

Contacts

Adding contacts

Read this section to learn how to add new contacts to your phonebook

Adding a new entry

Use the **Add** function to add a new contact to your phonebook.

To add a new entry:

1. From the main menu, select **Contacts > Add**, OR

   On the phone's standby mode, enter a telephone number using the keypad, then press the left soft key ⌐⌐ to select **Save.**

2. Select the storage location. Select **SIM** or **Phone** then press OK.

NOTE: If you choose to add the new entry to the phone, it will not appear in the phonebook if you transfer your SIM card to another phone. If you choose to add the new entry to the SIM card, you can add only a name and a number.

3. Enter a name and number using the keypad. If you are adding the new entry to the phone, you can also add a home number, office number, fax number, company name, e-mail address, and an associated picture, sound, or video stored in the phone memory. You can also put the contact in a caller group.

NOTE: You can control which fields are available for contact entries in **Contacts > Settings > Fields**. See the section "Contacts Settings" in this chapter for more information.

Searching for a contact

Read this section to learn how to search for contacts in your phonebook.

Quick Find

Follow these steps to perform a **Quick Find** search:

1. From the main menu, select **Contacts > Quick Find**. Enter a name using the keypad. You do not need to type a whole name. Enter an initial letter, then use the navigation keys to scroll through the contacts.

   OR: On standby mode, select **Name** at the bottom right corner of the screen by pressing the right soft key ⌐⌐.

   A list of all the contacts in your phonebook is displayed in alphabetical order.

2. Use the navigation keys to highlight a contact.

NOTE: Pressing the volumn keys on the left side of the handset allows you to scroll page up/down.

3. Press the enter key to view details about a contact.

Press the **call** 📞 key to call the contact; press the **power/end** 🔴 key to end the call.

4. Select **Back** to return to the previous screen.

Search Entry

Use the **Search Entry** function to search for a specific entry. Follow these steps to use the search entry function:

1. From the main menu, select **Contacts > Search Entry**.
   The data entry screen opens.
2. Enter a search term using the keypad. You do not need to type a whole name or word. For instance, if you are looking for the entry "office," you may want to type simply "off."
3. Select **Options > Search** to start the search, or you can also change the text input method and start the search again. The phone displays all entries that satisfy your search criteria.

Shortcut to contact entries

From the idle screen, you can directly access individual contact entries by pressing a number key, followed by the **#** pound (hash) key.

For example, if you press **3#**, the third contact entry in the phonebook appears.

NOTE: Only contacts stored on the SIM card can be added as a shortcut.

Copying contacts

You can copy contacts from your SIM card to phone memory or from phone memory to SIM card.

To copy all contacts:
1. From the main menu, select **Contacts > Copy All**.
2. Use the navigation keys to highlight **from SIM** to copy contacts from the SIM card, or **from Phone** to copy contacts from the phone.
3. Press **OK** or the enter key.
4. Select **Yes** to confirm, or **No** to abort. When finished, a "Done" message appears on the screen.

To copy a single contact:
1. Highlight the contact you want to copy following steps 1 and 2 in "Quick Find" section.
2. Select **Options > Copy > Copy**. Select the desired location, **To SIM** or **To Phone,** then press **OK**.
3. The confirmation message "Copy It"? appears. Select **Yes** to copy.

You can also select **Options > Move > Yes** to transfer a SIM contact entry to the Phone, and vice versa.

Deleting contacts

You can delete all contacts from the phone or SIM using the **Delete All** function. To delete all contacts:

1. From the main menu, select **Contacts > Delete All**.

2. You are prompted to select a location.

   Select **From SIM** to delete all contacts stored on the SIM.

   Select **From Phone** to delete all contacts stored in the phone.

NOTE: When you attempt to delete all the contacts from the SIM or phone, you are asked for a password. The default password is 1234. See the "Security Settings" section in chapter 6 for more information on passwords.

You can also delete individual contacts using the **Delete** function. To delete individual contacts:

1. Highlight the contact you want to delete following steps 1 and 2 in "Quick Find" section.

2. Select a contact to delete, then select **Options > Delete > Delete**.

3. A confirmation message appears, "Delete it?" Select **Yes** to confirm.

Caller Group

You can separate contacts into groups to identify them. There are ten caller groups: Friends, Family, VIP, Business, Others, and

Custom1~5. You can change the name of any caller group. You can add contacts from your phonebook to a caller group and you can define ringtones, pictures, etc.

To change the name of a caller group:

1. From the main menu, select **Contacts > Settings > Caller Group**.

2. Use the navigation keys to highlight a caller group, then select **OK** or press the enter key.

3. Use the navigation keys to highlight the current group name at the top of the list.
   Select **Edit** using the left soft key to enter a new name through the keypad. To clear characters, use the right soft key. You can also change the input method by selecting **Options**.

4. Press the left soft key to select **Options > Done** when the new name is complete. Press it a second time to confirm.

To assign an incoming ring tone:

1. Follow steps 1 and 2 of the previous procedure.

2. Scroll down to Incoming Ringtone (second in the list), then press the left/right navigaiton key to choose from the available options.
   Each tone is played as it is displayed. The chosen ringtone will sound when someone from the current caller group calls the phone.

To change the incoming picture:
1. Select the caller group to modify as described in the previous procedure.
2. Use the navigation keys to highlight the Incoming Picture option (third in the list).
3. Select **Edit**. Choose either **Default** or **Custom**. This option determines which picture is displayed when someone from the chosen caller group calls. If you chose **Custom**, you will be prompted to browse the location of the picture you would like to use.
3. When done, select **Save**.

NOTE:The picture you select must be smaller than 20 K in size. You can read more about storing images in your camera memory in the "Camera" chapter.

To change the incoming video:
1. Select the caller group to modify as described in the previous procedure.
2. Use the navigation keys to highlight the Incoming Video option (fifth in the list).
3. Select **Edit**. This option determines which video is displayed when someone from the chosen caller group calls. Choose **Custom**, and you will be prompted to browse the location of the video you would like to use.
4. When done, select **Save**.

To add or delete members in a caller group:
1. Select the caller group to modify as described in the previous procedure.
2. Use the navigation keys to highlight the member list option (last in the list).

3. Select **Edit > Add**.
4. Use the navigation keys to highlight a contact saved in the handset, then select **Add > Yes** to confirm.
5. To add more members or to delete, select **Option**.
6. Use the navigation keys to highlight the **Add** or **Delete** option.
7. Press **OK > Yes** to confirm.

Extra Number

The extra number setting is used to store special numbers. You can store your own number here, a service dial number, and an SOS number.

NOTE: Some of these functions may not be supported by your service provider. The service dial number and SOS number are not configurable and are set by your service provider.

To add extra numbers:
1. From the main menu, select **Contacts > Settings > Extra Number**.
2. Select My Phone Number to store your own number.
   Select Service Number to store a service number.
   Select SOS Number to store an SOS number.
3. Select **Option >Edit**.
   You can input both text and numbers. When you have finished typing, select **Save**.
4. To edit or delete previous entries, highlight an entry, then select **Option**.

NOTE: SOS numbers vary according to region and service provider. Contact your service provider for details about SOS numbers.

Contacts settings

The phonebook settings menu enables you to view memory status, set the preferred storage media, determine which fields appear in the phonebook, edit/send a vCard, activate functions such as speed dial and password protection, and set caller videos.

To view memory status:
1. From the main menu, select **Contacts Settings > Memory Status**.
2. Press **OK** to display memory status.

To set the preferred storage:
1. From the main menu, select **Contacts > Settings > Default Storage**.
2. Press the up/down navigation key to highlight the preferred storage location, then press **OK** to confirm.

The phonebook fields include additional contact information, such as Home Number, Office Number, Fax Number, Company Name, E-Mail Address, Incoming Picture, Incoming Ringtone, Caller Group, and Incoming Video. You can choose to deactivate these fields for all contacts if this simplifies the phonebook for you. You can later reactivate the fields if desired.

To edit the phonebook fields:
1. From the main menu, **Contacts > Settings > Fields**.

A list of fields is displayed.
2. Highlight a field and use the enter key to check or uncheck it. When done, select **Save**.

My vCard

A vCard is a virtual calling card that you can send to people. It can contain your name, cell phone number, home number, office number, fax number, company name, and e-mail address.

To edit and send your vCard:
1. From the main menu, select **Contacts > Settings > My vCard**.
2. Select the **Edit** option to fill in the fields, then select **Save**. Select the **Send to** option to send the vCard by SMS, MMS, Bluetooth, or file.

NOTE: See the next chapter for more information about sending MMS and SMS messages.

Speed Dial

The speed dial option assigns single number keys to phone numbers of your contacts so that you can quickly call those numbers by holding the assigned keys.

To assign a key to a speed dial number:
1. From the main menu, select **Contacts > Settings > Speed Dial > Number List**.
2. Highlight any number from 2~9, then select **Options > Edit**. Choose a contact from your phonebook and select OK. The numbers 2~9 in the number list

correspond to the keypad number 2~9.
3. Set the **Enable Speed Dial** item to On before using this function.

Password Protection

If you want to protect your phonebook information from being accessed, go to **Contacts > Settings > Password Protection**. Select **On/Off** to enable/disable this function.

When the password protection function is enabled, you are asked to enter a password to open the phonebook.

NOTE: See the "Security Settings" section in the "Settings" chapter for more information on passwords.

Caller Video

The caller video option allows you to assign videos saved in File Manager to individual contacts or caller groups. The videos will be played when those contacts call.

To assign videos to callers, go to **Contacts > Settings > Caller video**. You are prompted to select a video you would like to use. Press **OK**, and three items appear:
- **New Entry:** Enter this option to add a new contact and set the chosen video as the Incoming Video. After finishing editing the contact informaiton, press **Save**.
- **Selected Entry:** Enter this option and highlight a contact in your phonebook. Select **OK > Yes** to assign the video to the contact.

- **Caller Group:** Enter this option and select a caller group. The video will be played when someone from this group call.

Messages

Read this section to learn how to use the SMS and MMS messaging features of your new phone. You can even send e-mail and use text chat.

This section also covers voice mail features, broadcasting messages, and setting the preferred text input.

Unified Inbox

The Unified Inbox contains SMS, MMS, e-mail, and WAP Push messages you receive. When reading a message, press the left soft key ⌐ to display the Options menu. The items in the Options menu vary depending on what kind of message you are reading.

SMS

An SMS message is a simple text message. You can send and receive SMS messages with your phone.

Composing an SMS message

1. From the main menu, select **Messages > SMS > Write Message**.
2. Enter your text message using the alphanumeric keypad. See the section "Text entry," in the "Getting Started" chapter for more information on how to type your message.

3. Press the left soft key ⌐ to display the Options menu, which includes:
   • Send
   • Save
   • Send to Many
   • Common Words
   • Insert Object
   • Text Format
   • Dictionary
   • Input Method

The **Save** option saves a copy of the message in **Drafts** so you can recover it later for editing or sending.

The **Send to Many** option lets you send to up to 10 recipients.

Objects you can insert can include a picture, an animation, or a sound. Some phones may not be able to receive SMS messages that contain anything other than text.

Use the **Text Format** option to adjust the size and style of the text.

NOTE: See the "Common Words" section in this chapter for informaiton on this function. Refer to "Text entry" in the "Getting Started" chapter for details about Input Method.

4. When your message is complete, refer to the next section for the ways to send a message.

Sending an SMS message

To send an SMS message:
1. From the text entry screen, select **Options > Send** or press either the **call** $\boxed{\smallsmile}$ key or the enter key.
2. The Send to options require that you type in a telephone number, search for a contact in the phonebook, or select one from the recently send number list.
3. If you choose to type in a phone number, press the enter key to send the message. If you select a contact from the phonebook or from the recently send number list, press **OK > Yes**.
4. If you want to send the message to multiple receivers, select **Options > Send to Many > Add Number**, then repeat step 2 and 3 with the exception that you check multiple contacts in the phonebook. You can also highlight **<Empty>** under the Send to Many menu and press either **Options > Edit** or the enter key to enter phone numbers. Repeat this process to create a list of receivers, then press either **Options > Send Now** or the **call** $\boxed{\smallsmile}$ key to send the message.

Common Words

The common words feature contains common text phrases that you can conveniently insert to your message. There are 10 preset common words phrase that you can use or edit. To add a common words phrase to an SMS:
1. Begin an SMS message as described in the previous section, "Composing an SMS Message."
2. Before typing any text, press the left soft key $\boxed{}$ to display the **Options** menu.
3. Use the navigation keys to highlight the **Common Words** option, then press **OK** to confirm.
4. Use the navigation keys to highlight the common words phrase you would like to add, then press **OK** to confirm. The text from the template appears in the message. You can add to the text, or edit the text before sending or saving the message.
5. Send or save the message.

To edit a phrase in Common Words:
1. From the main screen, select **Messages > SMS > Common Words** to display the common words list.
2. Use the navigation keys to highlight a common words phrase to edit, then press **OK** to confirm.
3. Select the **Edit** option to modify the wording, or select **Delete** to clear it completely.

The edit screen displays the phrase you chose and lets you change it.

Viewing an SMS message

From the main menu, you can view an SMS

message received through **Messages > Unified Inbox** or **Messages > SMS > Inbox**. Select a message to view, then press **Options** to display the following items:

- Reply
- Delete
- Forward
- Chat
- Use Number
- Use URL
- Use Email Address
- Save Objects

The **Chat** option lets you send and receive messages with other cell phone users in chat rooms. See the "Chat Rooms" section for more information.

The **Use Number** option lets you save the phone numbers of message senders and the numbers mentioned in messages.

The **Use URL/Email Address** options let you save or use URLs and email addresses mentioned in messages.

The **Save Objects** option lets you save any objects attached to messages.

Secret SMS

This option allows you to store confidential text messages and keep them free from unauthorized access.

To move messages to the Secret SMS folder:

1. From the main menu, go to **Messages > SMS > Inbox/Outbox/Drafts > OK**.
2. Use the navigation keys to highlight the message you want to move.
3. Select **Option**.
4. Scroll down to highlight **Move > OK**.
5. Highlight **To Secret SMS > OK**. When prompted, select **Yes** to confirm the action.

To acess the Secret SMS folder:

1. From the main menu, go to **Messages > SMS > Secret SMS** then press the enter key.
2. Enter the default password 1234 on the keypad, then press **OK**. The screen then displays the list of secret text messages.

Settings

This menu enables you to configure your SMS message settings. You can edit the service center that sets message type, message valid period, etc. You can also configure common settings, which include a delivery report and reply path. Viewing the memory status, deciding whether to send and save messages at the same time, and setting the preferred bearer are also available options.

To configure common settings:

1. From the main menu, select **Messages > SMS > Settings > Common Settings**.
2. Use the enter key to check/uncheck **Delivery Report** and **Reply Path** options

to enable/disable the features.
3. When finished, select **Save > Yes**.

To check the memory status:
1. From the main menu, select **Messages > SMS > Settings > Memory Status**.
2. Press **OK** to display the **Memory Status**.

The **Messages > SMS > Settings > Sending** option allows you to select between **Send Only** and **Send and save**. When set to Send and save, the messages you send are automatically saved to Outbox.

The preferred bearer option sets the type of network you prefer. When there is a choice of a GSM or GPRS network, the phone then uses the network of your preference.

To set the preferred bearer option:
1. From the main menu, select **Messages > SMS > Set > Pref Bearer**.
2. Select the network option you prefer. Select **Pref GMS** or **Pref GPRS** to set a preference.
   Press **OK** to confirm your selection.

MMS

MMS messages are like SMS messages but they can also contain sounds and pictures.

Writing an MMS message

Writing an MMS message is not very different from creating an SMS message. MMS messages are made up of slides. Each slide contains a combination of text, image, or audio.

To create an MMS message:
1. From the main menu, select **Messages > MMS > Edit MMS**.
2. Select the **To** field then select **Edit.**
3. Use the navigation keys to highlight the **Add Number** or **Add E-mail** option then press the enter key to confirm.
   You can either add an e-mail address or number manually, or press the left soft key ◰ to search from the phonebook.
4. After you have entered the recipient(s), press **OK > Options > Done**.
5. Use the navigation keys to highlight and select **Cc**, and **Bcc** recipients. Enter recipients in these fields in the same way as the **To** field.
6. Use the navigation keys to highlight the **Subject** field then select **Edit**.
7. Use the keypad to enter a subject.

To create a slide:
1. To create a slide, use the navigation keys to highlight the **Edit Content** field then select **Edit**.
   You can enter text in the same way as you would for an SMS message.
2. Press the left soft key ◰ to display the **Options** menu.
3. Use the navigation keys to highlight an option and press **OK** to confirm.
   You can add an image, add audio, attach a file, or change the input method.

4. When your message is complete, select **Options > Done**.
   You have just created one slide. Repeat the process to add more slides.

To send the MMS message:
   1. From the **Options** menu, highlight a **Send Only** or **Save and Send** option.
   2. Press **OK** to confirm.

NOTE: The **Save to Drafts** option saves a copy of the message in Drafts so you can recover it later for editing or sending.

Viewing an MMS message

Some MMS messages are longer than the screen. To move up or down a page, press the up/down navigation key.

Using Templates

Stored on your phone are templates that contain text, images, and sound. You can create MMS messages based on these templates.

To use a template:
   1. From the main menu, select **Messages > MMS > Templates.**
      A list of available templates appears.
   2. Highlight a template, then select **Options**.
      Select **View** to preview the template.
      Select **Properties** to view fields and the size of the template.
      Select **Write Message** to send the message.

3. Edit the **To**, **Cc**, **Bcc**, and **Subject** fields as described in the previous procedure.
4. Edit the content if required as described in the previous procedure.
5. Send the completed message as described in the previous procedure.

Settings

This menu enables you to configure your MMS message settings.
   1. From the main menu, select **Messages > MMS > Settings**.
   2. You can change any setting by highlighting it with the up/down navigation key and then using the left/right navigation key to scroll through the options for each setting.
   3. When finished, select **Save**.

Chatting Rooms

You can use your phone to chat with other cell phone users.

To use the chat function:
   1. From the main menu, select **Messages > Chatting Rooms**.
   2. Use the navigation keys to select betwen **Chat Room1** and **Chat Room2**, then select **Options**.
   3. Press **OK** to configure Info Settings.
   4. To enter a nickname, select **Edit**, then use the keypad to enter your nickname. Select **Options > Done** when finished.

To enter a Remote Number (the destination number), select **Search**. The phonebook opens. Choose the contact entry, then press **OK**.

5. When finished, press the left soft key ⬜ to press **OK > Yes** to save your new settings.
6. Use the navigation keys to select the **Activate** option, then key in your message to start the chat session.
7. Send the message as you would an SMS.
8. When you are done chatting, go back to **Options**, and choose **Quit**.

Email

You can use the phone to send email messages. Before you can use the email feature you must set up an account. Settings such as the incoming/outgoing server and your signature are entered in email profiles. Contact your service provider for details about email settings.

To set up an email account:
   1. From the main menu, select **Messages > Email > Email Profile**.
      A list of email profiles is displayed.
   2. Use the navigation keys to highlight a profile to use, then press **Options > Edit**.
   3. The profile menu is displayed. Here you can configure Profiles, Outgoing server, Incoming server, and Signature.

4. Use the navigation keys to highlight the **Profiles** option, then press **OK** to confirm.
      The Profiles menu is displayed.
5. Use the navigation keys to highlight each field and select **Edit** to change any field, or use the left/right navigation key to scroll through available choices.

Once your email profile is complete, you need to activate it.
   1. From the main menu, select **Messages > Email > Email Profile**.
      A list of profiles is displayed.
   2. Use the navigation keys to highlight a profile to use, then select **Options**.
   3. Use the navigation keys to highlight **Activate**, then press **OK** to activate the selected profile.

Once your profile is activated, you can send and receive email with your phone.

Voice Mail

You can set up two voice mail accounts on your phone that will take messages for you when you are not able to answer your phone.

To set up a voice mail server:
   1. From the main menu, select **Messages > Voice Mail**.
      A list of voice mail accounts is displayed.
   2. Use the navigation keys to highlight a voicemail account, then select **Options > Edit** to edit the voice mail details.

3. Type in the voice mail name and number.

You can also connect to a voice mail account here.

NOTE: Voice mail is a service provider feature. Contact your service provider for voice mail numbers and settings or other voice mail assistance.

Cell Broadcast

Use the Cell Broadcast option to set cell broadcast parameters.

To set broadcast message parameters:

1. From the main menu, select **Messages > Cell Broadcast**.
2. Use the navigation keys to highlight the **Activate** option, then press the left soft key ⬚ to toggle the setting on or off.
3. Highlight the **Read Topic** option then press **OK** to read stored broadcast messages.
4. Highlight the **Languages** option then press **OK** to display the language menu. Use the enter key to check the language options that you want to receive.
5. Highlight the **Topics** option then press **OK** to confirm.
6. Use the navigation keys to select, add, edit, or delete channels.

Profiles

The phone can be set to behave in a number of profiles. Each is saved as a profile and is designed to be used in a particular environment. For instance, if you are in a meeting you may want your phone to alert you silently when a call comes in.

To select a profile:
1. From the main menu, select **Profiles**.
   A list of profiles appears.
2. Highlight a profile from the list, then press the enter key to activate.

NOTE: When the phone is in standby mode, you may also hold the **#** key to enter Profiles.

Profile settings

Each profile can be personalized to suit your own needs.

To personalize a profile:
1. From the main menu, select **Profiles**.
2. Highlight a profile you want to personalize, then select **Options**.
3. Use the navigation keys to highlight **Personalize** from the list of options, then press **OK**.
   A list of customizable features is displayed, including Tone Setting, Volume, Ring Mode, Ring Type, Connect Notice, Misc Tones Switch, and Answer Mode.

4. Select a feature to customize from the list and press **OK**.
   The feature submenu is displayed.
   For example, for Ring Mode, you can select Ring Only, Vibrate, Vib. and Ring, Vib. then Ring, or Silent.
5. Highlight a feature from the submenu and press **OK** to confirm changes.
6. To use a profile, highlight the profile you want to use, then select **Option > Activate**.

For your personal needs, you can set the phone to behave in another profile for a certain period of time. When the time set expires, the phone automatically switches back to its original profile.

To set a timed profile:
1. From the main menu, select **Profiles**.
2. Highlight a profile you want to apply, then select **Options**.
3. Use the navigation keys to highlight **Timed** from the list of options, then press **OK**.
4. Set the time the selected profile will last using the keypad, then press **OK**.

Settings

Phone Settings

The Phone Settings menu enables you to configure handset features including time and date, preferred input method, language, shortcuts, voice command, flight mode, greeting text, automatic update of date and time, LED, and firmware version.

To access the Phone Settings menu:
1. From the main menu, select **Settings > Phone Settings**.
2. A list of phone settings is displayed.

Date/Time

The **Settings > Phone Settings > Date/Time** option enables you to set the time, a time zone by selecting your location, and a format for displaying dates. You can also activate the hourly chime function.

NOTE: To display date and time on the main idle screen, first go to **Settings > Display Settings > Idle Screen**. Check the **Show Date and Time** option using the enter key, then select **Save**.

Input Methods

The **Settings > Phone Settings > Input Method** enables you to set the default input method for entering numbers, or roman alphabet, or Chinese characters.

Refer to the "Text entry" section of the "Getting Started" chapter for details on inputting text.

Language

The **Settings > Phone Settings > Language** option enables you to set the default language used in menus.

Shortcut

To edit the shortcut list:
1. From the main menu, select **Settings > Phone Settings > Shortcut**.
   A list of current shortcuts is displayed.
   Or: On standby mode, press the down navigation key to enter Shortcut List.
2. Use the navigation keys to highlight an item in the shortcut list. Select **Options** to add/delete shortcut items, or change the order of them.
3. To add an item to the shortcut list, select **Add** and choose an item from the Add menu. Press **OK** and use the left/right navigation key to adjust its order on the list.
4. Press **OK** to confirm.

Voice Command Settings

Your phone features a voice command function that allows you to make calls and perform tasks through verbal comands. To enable voice command, go to **Settings > Phone Settings > Voice Command Settings**. The Voice Command Menu opens.

Highlight **Enable Recognition** and press **OK**. Use the up/down navigation key to select between On and Off.

While on the main idle screen, you may also enable voice command by pressing and holding the right soft key ⬒ for at least three seconds, or until you are prompted to "Say Command." Say "Detail" or press the left soft key ⬐ to display a list of commands you can use.

NOTE. To call a contact using voice command, say the name exactly as it is listed in the phonebook. For example, to call an entry named Michael Philip, simply say "Call Michael Philip."

You can also create a Speech Dependent (SD) tag for contact lists, shortcut lists, and city lists. An SD tag is a customized tag that you want the phone to associate with a particular entry. For example, you want to call an entry named Michael Philip, but you only want to say his nickname, "Mike."

To create an SD tag:
1. Go to **Settings > Phone Settings > Voice Command Settings > SD Tags**.
2. Highlight the item you want to create an SD tag for. Choose the entry from the list, then press **Options**.
3. When the next screen appears, press **OK** to add.
4. Say the name/tag after the beep. When done, press **OK**.

The **Digit Adaptation** item in the Voice Command menu allows you to improve the phone's recognition rate. Say a command string to enable the phone to recognize your voice and the manner by which you utter commands.

The **Preferred Digit Length** option allows you to turn on/off the digit length settings and select the digit lengths you prefer using the enter key.

Flight Mode

Setting the phone to flight mode disables all call functions to save power consumption and avoid call disruptions while playing media files. Go to **Settings > Phone Settings > Flight Mode** to set your mode preference.

Greeting Text

The **Settings > Phone Settings > Greeting Text** option sets a short phrase that appears each time the phone is turned on.

Set the status to On if you want the text to appear, or to Off if you do not want it to appear. Enter or edit the greeting text using the keypad.

Auto Update of Date and Time

Auto update of date and time is a network service that automatically updates the date and time in your phone when you travel or if daylight savings time is used in your area.

You can enable this feature by selecting **Settings > Phone Settings > Auto Datetime Update** to take advantage of this service, if offered by your service provider.

To enable this option, enter the **Auto Datetime Update** option and select **On** using the up/down navigation key. Press **OK** to confirm.

Firmware Version

This item displays the version of the firmware currently installed on your phone.

Display Settings

The **Settings > Display Settings** option enables you to change the theme, wallpaper image, power on/off image, main idle screen display, brightness, backlight timer, and sleep timer.

Themes

Themes are color schemes that can be set on your phone. The theme can also be set to change hourly, daily, weekly, monthly, or seasonally.

To set a theme:
1. From the main menu, press **Settings > Display Settings >Themes**.
   A list of themes is displayed.
2. Use the navigation keys to highlight a theme.

3. Select **Option** to activate the theme, set the theme timer, or set the theme order. Use the touchpad to highlight an option and press **OK** to confirm.
   The **Activate** option activates the selected theme. The **Theme Timer** option defines how often the theme is updated. The **Set Order** option defines the order in which the themes are updated.

Main/Sub Wallpaper

To set the main/sub wallpaper:
1. From the main menu, press **Settings > Display Settings > Min/Sub Wallpaper**.
2. Select the **Default** option from the wallpaper menu.
3. Use the navigaiton keys to highlight an image to use as wallpaper and select **View** to see your selection.
4. Press **OK** to set.

You can also choose your own picture as wallpaper. Instead of choosing a Default wallpaper, select **Custom** and browse to the location of the picture.

Power On/Off Animation

This item allows you to choose the animation display each time you turn the phone on/off. You may choose from the available animations or customize by browsing to the location of the file.

Idle Screen

This item allows you to choose what you want to display on the main idle screen. Use the navigation keys to highlight any of the following items, and use the enter key to check/uncheck them: Show Date and Time, Show Owner Number, Show Operator Name, and Show Profiles. Press Save to confirm your settings.

Clean Wallpaper

When the phone is in standby mode, you may clean what is displayed on the main idle screen by pressing the **power/end** 🔚 key. To restore what is cleaned, press the **power/end** 🔚 key again. You can change the key to restore what is cleaned, or disable this function through **Settings > Display Settings > Clean Wallpaper**.

Brightness

To adjust the brightness, press **Settings > Display Settings > Brightness** and press the enter key to display the brightness control.

Use the up/down navigation key to adjust the brightness. Press **OK** to confirm the setting.

Backlight Timer

To set the backlight timer, press **Settings > Display Settings > Backlight Timer**. Use the touchpad to highlight your preference. When done, press **OK.**

Sleep Timer

To set the sleep timer, press **Settings > Display Settings > Sleep Timer**. Use the navigaiton keys to highlight your preference. Press **OK.**

Tone Settings

Use the Tone Settings menu to set different tones for different events.

Different tones can be set for Incoming Ring Tone, Power On, Power Off, Flip Open, Flip Close, Message Tone, and Key Tone.

To assign a tone:
1. Press **Settings > Tone Settings**.
2. Select the event from the menu for which you want to assign tone then press **OK**.
3. Select a tone from the list of available tones then press **OK** to confirm.

Call Settings

The Call Settings menu contains call features that control or restrict the calls you make or receive. There are also features to show or hide your number when making calls, control the time of calls, conveniently redial numbers, or select a line.

The Call Settings menu features include Hide My No., Call Waiting, Call Forwarding, Call Barring, Line Switching, Call Time Reminder, Call Time Display, Auto Redial, Closed User Group, and Call Filter.

Hide My Number

Go to **Settings > Call Settings > Hide My No**. to withhold your number, so that when you call someone, your number is not shown.

You can choose to activate or deactivate this option, or let the network set the option.

Call Waiting

If your service provider offers call waiting, you first need to enable this feature.

To enable call waiting:
1. Go to **Settings > Call Settings > Call Waiting**. Press **OK** to confirm.
2. Use the navigation keys to choose whether you want to activate, deactivate, or query the current status.

To use the call waiting feature:
1. When you receive a call during another call, press the **call** 🔽 key to receive the second call.
2. Press the **call** 🔽 key to switch back to the first call or to switch between calls.

Call Forwarding

With call forwarding, you can divert calls directly to your voice message box when you are busy and cannot take calls. Go to **Settings > Call Settings > Call Forwarding** to choose from several options.

You can choose to forward all voice calls, or forward if unreachable, if calls are not

answered, if busy, or divert all data calls.

Select **Cancel** to deactivate call forwarding.

Call Barring

Call barring is a service available through your service provider. This service restricts different types of incoming and outgoing calls. Go to **Settings > Call Settings > Call Barring** to bar outgoing calls, incoming calls, cancel all bars, or change the barring password.

Options for Outgoing Calls include All Calls, International Calls, and International Except Home.

Options for Incoming Calls include All Calls, and When Roaming.

NOTE: A call barring password is required to make changes to call barring settings. Contact your service provider if you do not know your password.

Line Switching

Depending on your service provider and SIM card, you may have more than one line available for use. Although the network automatically assigns a line to you, you may also use this option to select a line to use. This option can be used when line quality differs or when you have difficulty placing a call because of busy lines.

To use line switching, go to the **Settings > Call Settings > Line Switching**. Select the line switching option, then press **OK** to confirm.

Call Time Reminder

Use this feature if you want to limit the length of your calls. After the time limit specified, your phone sounds a reminder for you.

To set a call time reminder:
1. Go to **Settings > Call Settings > Call Time Reminder**.
2. Select **Single** if you want to use a reminder just once at a specific time. Select **Periodic** if you would like a reminder at regular intervals. Select **Off** if you want to disable this function.
3. A time field appears. Fill in the number of seconds after which a reminder should sound, then press **OK**.

Call Time Display

Use this feature to monitor or keep track of the length of your calls. When enabled, the screen displays the time length of your calls.

To enable call time display, go to **Settings > Call Settings > Call Time Display**. Select the Call Time Display option. Use the navigation keys to highlight your choice between On and Off, then press **OK** to set.

NOTE: Select **Calls > Call Time** to see records of call times. For more information about call times and costs, refer to the section "Call Time/Cost" in the "Calls" chapter of this manual.

Auto Redial

When this feature enabled, the phone automatically redials the number you called if it fails to connect when you call the first time.

To activate this feature, go to **Settings > Call Settings > Auto Redial**. Use the navigaiton keys to highlight your choice between On and Off, then press **OK** to set.

Closed User Group

A closed user group is a service provided by some service providers that permits network access by members of the group only. The **Settings > Call Settings > Closed User Group** option enables you to add closed user groups, edit existing ones, and activate or deactivate them.

To add a closed user group:
1. Go to **Closed User Group > Group List**.
2. A group list appears. Select an empty slot, then select **Add**.
3. A text entry screen appears. Enter the telephone numbers of group members. You can also input text if desired.

Call Filter

This feature enables you to set up call filters to block the numbers or types of numbers you specify from reaching your phone.

To block numbers, got to **Settings > Call Settings > Call Filter > Ignore List**. Highlight the **Accept Unknown Call** option then press the left soft key ⌐ to select. Choose whether to **Accept Unknown Call** or **Reject Unknown Call**, then press **OK**. You can enter specific numbers to block by selecting an <Empty> item

in the Ignore List menu. Select **Option > Edit**. Key in a phone number or select **Search** to open the phonebook. Choose the contact you want to block, then press **OK**.

To unblock the contact's number, select the entry in the Ignore List, then select **Option > Delete > OK**. When prompted to confirm the action, select **Yes**. Select the **Delete All** option if you want to unblock all the numbers.

To enter numbers that you do not want the phone to block, select **Privileged List**.

Call filters can be turned on and off. Select **Filter Settings**, then press **OK**. To turn filters off, select Off then press **OK**. To turn filters on, select **Ignore List**, then press **OK**. To turn filters on, you must have previously set one or more numbers to block in the Ignore List.

Network Settings

The default network settings in the phone are for automatic detection of the best available lines for the type of content you are sending. Your phone also offers the flexibility to let you manually select various network options to suit your preferences

Network menu features include Network Selection, Preferred Networks, and GPRS Connection.

Network Selection

With the **Settings > Network Settings> Network Selection** option, you can select available networks manually from various service providers, or you can set the network selection option to Automatic and the phone will select a network for you automatically.

Preferred Networks

To select a preferred network:
  1. Highlight the **Preferred Networks** option, then press **OK**.
  2. Press **Options > Add from List** to choose the desired network, then press **OK**. You can select **Options > Create New** to set the network you want to use. If there are more than one network selected, from the Preferred Networks menu, press **Options > Priority** to arrange the priority of the network used.

NOTE: There may be only one network listed, depending on your geographic location. Higher fees may also result from using a network other than that of your service provider.

GPRS Connection

Some users may prefer to use GPRS network for faster data transmission and support of multimedia files, such as delivery of polyphonic ring tones, color graphics, games, and software.

If a GPRS network is available, you can set your usage preference with the GPRS option.

To set, go to **Settings > Network Settings > GPRS Connection**. Use the navigation keys to highlight your choice between **Always** and **When Needed**, then press **OK** to set.

Bluetooth Settings

With the Bluetooth function you can exchange information between your phone and other Bluetooth devices.

The Bluetooth Settings menu features include Power on Bluetooth, Search New Device, My Device, Active Device, Settings, and About.

To connect a Bluetooth device to your phone for the first time:

1. Turn on the Bluetooth device through **Settings > Bluetooth Settings > Power on Bluetooth**. Use the navigation keys to highlight **On**, then press **OK**.
2. From the Bluetooth Settings menu click **Search New Device** to search for Bluetooth devices, or click **My Device > Options > Search New Device** to search for BT-enables PDA or PC, and press **OK**.
2. Once the Bluetooth device is detected, it is shown on the list of found devices. Select the Bluetooth device you want to connect with, and click **Pair** to pair the device with your phone. You may be asked to put in a Bluetooth password to successfully complete the pairing. For headset, the default password is usually 0000 or 1234. Check your headset documentation to verify.
3. If the pairing is successful, you will be asked whether or not you want to add the Bluetooth device to your trust list. Press

Yes or **No**.
4. After that, you will be asked if you want to connect with the device. Press **Yes** or **No**. Now the connection is established.

If you add a device to your trust list, you will not have to go through this pairing process again. Merely highlight the device from the list shown under **Bluetooth Settings > My Device**, and select **Options > Connect**.

To disconnect a Bluetooth device from your phone, go to **Bluetooth Settings > My Device** or **Bluetooth Settings > Active Device** to highlight the device from the list, then select **Options > Disconnect**.

Search New Device

With the **Bluetooth Settings > Search New Device** option, you can execute the phone search for available devices within transmission range. The devices are then displayed on the screen.

To search a new device:

1. Make sure the Power on Bluetoth option is turned on.
2. From the Bluetooth Settings menu, select **Search New Device**, and press **OK**.
3. A list of found devices is then displayed. Choose the device you want to pair with, then select **Pair**. You will be asked to put in a Bluetooth code to successfully complete the pairing. The same code must be entered in the device you

will pair with. For headset, the default password is usually 0000 or 1234. Check your headset documentation to verify.

My Device

With this option, you can connect other devices to your phone, for example a Bluetooth headset. Select **Settings > Bluetooth Settings > My Device > Options**. You may rename the paired device, delete the pairing, or search a new device.

Settings

With the **Settings > Bluetooth Settings > Settings** option, you can determine whether or not the phone can be detected by other Bluetooth devices, change your device's name, or set the audio path to the handset, forward to a Bluetooth-enabled handsfree device, or forward to an earphone. You can also enter FTP settings to choose folders to share and set the access right to the phone.

Bluetooth data transmission

Your phone also supports data transmission technology with Bluetooth devices. With Bluetooth, you can exchange contacts, calendar items, pictures and music files.

Sending an item

First make sure that the other device has already been added to your list. Then find the item you would like to send, and click **Option >**

Send to > Bluetooth > My Device to select the device then select **Send** to send it.

Receiving an item

First make sure that you have turned on the visibility, so that the other device can detect your phone, and enter the same password in both devices. Then follow the instructions on your screen to receive the item.

Security Settings

The Security Settings menu contains features to prevent information from being accessed or calls being charged to your account. There are password features to protect both your phone and your SIM card in case of loss, theft, or unauthorized use. You can also control the numbers dialed from the phone with Barred Dial.

Security features include SIM Lock, Phone Lock Code, Auto Keypad Lock, Fixed Dial, Barred Dial, and Change Password.

SIM Lock

Go to **Settings >Security Settings > SIM Lock** to protects the SIM card from unauthorized use if the phone is stolen or used by others.

Highlight the SIM Lock option from the Security Settings menu and press the left soft key ⬒ to toggle the option to On or Off.

NOTE: This option requires a default password from your service provider. Consult your service provider if needed.

Phone Lock Code

Go to **Settings > Security Settings > Phone Lock Code** to provide additional security by locking the handset. Even if the SIM card is changed, the phone cannot be used until a password is entered to unlock it.

NOTE: The default password is 1234. See the section "Change Password" in this chapter for information on setting your own password.

Auto Keypad Lock

The keypad lock prevents accidental touching of the keypad. Press the right soft key ⌐ and the **#** key successively to lock or unlock the keypad. A key lock icon appears on top of the idle screen to indicate the lock status.

The Auto Keypad Lock option allows you to set after how long is the keypad automatically locked. Go to **Settings > Security Settings > Auto Keypad Lock** to select an item. Press **OK** to confirm.

Fixed Dial

This function limits dialing to the numbers that you specify. Fixed dialing is a service offered by some service providers.

The Fixed Dial option can be set to On or Off and a fixed dial list can be defined.

NOTE: This option requires a password, known as PIN2. Consult your service provider if you do not know the password.

Barred Dial

This function enables you to block dialing of certain numbers. Barred dialing is a service offered by some service providers.

To enable the option, highlight the Barred Dial option from the Security Settings menu and press the left soft key ⌐ to toggle the option to On or Off.

NOTE: This option requires a password. Consult your service provider if you do not know your password. Not all service providers support this function.

Change Password

Go to **Settings > Security Settings > Change Password** to change passwords for SIM card PINs or for the phone.

To change a password:
1. Highlight the Change Password option and press **OK**.
2. Select the password you want to change: PIN, PIN2, or Phone Lock Code.
3. You are prompted to enter the old password, then enter the new password.

NOTE: The default phone lock password is 1234. Consult your service provider if you have forgotten a PIN password or need further assistance with PIN passwords.

Factory Settings

Go to **Settings > Security Settings > Factory Settings** to restore all settings to factory default, just as they were when you purchased the phone.

45

To restore factory default settings:

Highlight the **Restore Factory Default** option from the Security Settings menu and press the enter key. All factory default settings are then restored.

NOTE: This option requires a password. Use the default password, 1234, to access this setting.

Camera

The phone is equipped with a high quality camera for capturing still pictures and video.

Taking photos

To capture still pictures with your phone:

1. The fastest way to take a photo is to press the capture button while on idle mode.

   You may also use any of the following methods to take a photo:

   • From the idle screen, press the left navigation key to display the Camera menu, or

   • Press the left soft key ⬓ to open the main menu. Use the navigation keys to highlight the **Camera** icon and press **Select** to confirm.

2. Highlight the **Capture** option, then press **OK** to enter capture mode.

3. Point the camera lens at the subject and use the LCD screen to frame your picture.

4. Press the enter key or the capture button on the left side of the camera to capture the image.

5. Press the left soft key ⬓ to save the image in your album.

Zoom function

The phone has an easy-to-use zoom function.

To zoom in on an object, press the up navigation key. To zoom out, press the down navigation key.

You can preview the zoom effect on the phone's screen. In addition, a slide bar on the right of the screen moves you zoom in and out.

Brightness

While in capture mode, adjust the brightness of the display by pressing the right and left navigation keys.

Viewing and managing photos

Use the My Album option to view and manage the still images in your album.

To open My Album:

1. While in capture mode, select **Options,** then use the left/right navigation key to select **My Album**.
   From the main menu, select **Camera > My Album**.
   A list of stored images is displayed.

2. To view an enlarged thumbnail, highlight an image and press the enter key. You can browse photos in this enlarged view using the left and right navigation keys.
3. Press the left soft key ⊡ to display the **Options** menu. You can view, send, rename, delete, edit, sort, and hide photos. You can also set the default storage to handset or memory card or change the browse style. You can set the image as the main/sub wallpaper, power on/off animation, or set to a phonebook entry for easy recognition of a contact.

Photo capture settings

The camera can be configured to capture images of different size and quality. You can also capture photos with frames or special effects, take multi-capture photos, use a timer, set the default storage location, or apply advanced settings

To access photo capture settings:

Put the camera into capture mode, as described in the "Taking photos" section of this manual, then select **Options**.

A list of photo capture settings then appears.

Image Size

To set the image size:
1. While in capture mode, select **Options > Image Size**.

2. Use the up/down navigation key to scroll through the available choices, then press **OK** to apply the setting.

Effect

Use the Effect option to apply photo effects as you capture photos. For example, you can capture photos with a photo negative effect, alter colors, or make the photo look like a sketched drawing.

To apply photo effects:
1. While in capture mode, select **Options > Effect**.
   A list of photo effects appears.
2. Use the up/down navigation key to scroll through the available choices, then press **OK** to apply the setting.

LED Highlight

Use the LED highlight option to turn on/off the flash as you capture photos.

To apply the LED highlight:
1. While in capture mode, select **Options > LED Highlight**.
2. Use the up/down navigation key to select between On and Off, then press **OK** to apply the setting.

Frame

Use the Add Frame option to add frames to pictures you capture.

NOTE: The Frame option applies only to 176 x 220 image size.

To apply frames to photos:
1. While in capture mode, select **Options > Frame**.
2. Highlight a frame from the list.
   You can use the up and down touchpad keys to scroll through the other frames to view them all.
3. To select a frame, press **OK**. The selected frame is then displayed on the capture screen.
4. To remove a frame, select **Options > Frame > No Frame**.

While in capture mode, the volume key acts as shortcut key to add frames. Press + or - to scroll through frames or return to capture with no frame.

Capture Timer

Use the delay timer to add a delay time between pressing the capture button and the picture actually being captured. This can allow enough time to take pictures of yourself.

To set the capture timer:
1. While in capture mode, select **Options > Capture Timer**.
2. Select 5 sec, 10 sec, or 15 sec, or Deactivate to turn the function off.

Shooting Mode

The Shooting Mode enables multiple capture shots, so the camera captures 4, 6, or 9 shots with a single click of the button.

To enable the multi-capture function:
1. While in capture mode, select **Options > Shooting Mode**.
2. Select Off for standard single shots. For multi-capture shots, choose from 4 Shot, 6 Shot, or 9 Shot.

Default Storage

Use the default storage option to set where captured pictures are stored. You can store captured pictures either in the handset (internal) memory, or on a microSD™ card if installed.

To set the storage option:
1. While in capture mode, select **Options > Default Storage**.
2. Highlight **Phone** or **Memory Card**, then press **OK** to confirm.

Advance Setting

Use the Advance Setting option to configure image quality, white balance, EV, night mode, shutter sound, AC frequency, and self capture. You may also restore all factory default camera settings from this option.

Camera settings shortcuts

While on capture mode, the number keys also act as shortcut keys for the camera settings. The keys are assigned as follows:
- **1** Effect
- **2** White Balance
- **3** LED Highlight

- **4** Capture Timer
- **5** Shooting Mode
- **6** Night Mode
- **7** Image Quality
- **8** Image Size

Press the key repeatedly to change a given setting. For example, if you press **5** for Shooting Mode, pressing again enables you to apply Off, 4 Shot, 6 Shot or 9 Shot to the setting.

Recording videos

Follow these instructions for shooting video:

1. From the main menu, highlight the **Camera** icon, then press **Select**.
2. Select the **Video Recorder** option, then press **OK** to enter video capture mode.
3. Point the camera lens at the subject and use the LCD screen to frame your video.
4. Press the enter key or the capture button to begin recording. Press the enter key to pause. To stop recording, press the right soft key ⌐ or the capture button.

Zoom function

The phone's video recorder has a zoom function.

To zoom in on an object, press the right navigation key. To zoom out, press the left navigation key.

You can preview the zoom effect on the phone's screen. A slide bar at the top of the screen moves as zoom is applied.

White balance function

The phone's video recorder has a white balance function.

To adjust the white balance while recording a video, press the up/down navigation key.

You can preview the white balance effect on the phone's screen. A slide bar at the left of the screen moves as white balance is applied.

Viewing and managing videos

Select the My Video option to view and play the videos in your album.

To open My Video:

1. While in video capture mode, select **Options > My Video**, or
   From the main menu, select **Camera > My Video**.
   A list of stored videos is displayed.
2. Use the navigation keys to highlight a video, then twice press the enter key to play.
   To pause, press the enter key. Press the enter key again to resume.
   While the video is playing, a progress bar and the time elapsed is shown on the left of the screen.

3. To edit files, select **Options**. You can play, send, rename, delete, sort, or hide files. You can also set the default storage location.

Some video playing features are explained in the following sections.

Rewind and fast forward

To rewind, press and hold the up navigation key.

To fast forward, press and hold the down navigation key.

Video playback speed

You can select from five different video playback speeds: x 0.5, x 1.0, x 1.5, x 2.0, and x 2.5.

To select a playback speed, press the left and right navigation keys. Use the right key to select a higher speed and the left key to select a lower speed.

The current speed is shown on the top of the screen.

Volume

To adjust volume, press the side volume key. Press + to increase volume, and - to decrease volume.

Capturing a still photo

You can capture a still photo from a video by selecting the **Snap** option using the left soft key while the video is playing.

Video capture settings

The camera can be configured to capture videos of different size and quality. You can also capture videos with special effects, or set the default storage location to handset or memory card.

To access camcorder settings:

Put the camera into video recorder capture mode, as described in the "Recording videos" section of this manual, then select **Options**. A list of video capture settings then appears

Effect

Use the Effect option to apply a photo effect, such as a photo negative effect or a color effect, when you shoot a video.

1. While in video recorder capture mode, select **Options > Effect**.
   A list of effects appears.
2. Highlight an effect from the list using the navigation keys, then press **OK** to apply the setting.

Record Audio

While in video recorder capture mode, select **Options > Record Audio**. Use the navigation keys to select between On and Off to determine whether to record sounds and images simultaneously or not.

LED Highlight

Use the LED highlight option to turn on/off the flash as you record videos.

To apply the LED highlight:
1. While in video recorder capture mode, select **Options > LED Highlight**.
2. Use the left/right navigation key to select betwen On and Off, then press **OK** to apply the setting.

Storage

Use the default storage option to set where captured videos are stored. You can store captured videos either in the phone (internal) memory, or on a microSD™ card if installed.

To set the storage option:
1. While in video recorder capture mode, select **Options > Storage**.
2. Highlight **Phone** or **Memory Card**, then press **OK** to confirm.

Advance

Use the Advance options to configure video quality and size, encode format, white balance, EV, night mode, and AC frequency. You may

also restore all factory default video settings.

NOTE: EV stands for exposure value. The EV option enables you to manually raise or lower the exposure value.

The AC Frequency option adjusts for lighting flicker. Select the frequency of electrical current in your area.

Restore Default

Use the Restore Default option to restore all factory default video settings.

To restore default settings:
1. While in video recorder capture mode, select **Options > Restore Default**.
2. A message asking you to confirm the action is displayed.
3. Select **Yes** to restore defaults, or select **No** to abort.

Video setting shortcuts

While on video recorder capture mode, the number keys also act as shortcut keys for the video settings. The keys are assigned as follows:
- **1** Effect
- **2** White Balance
- **3** LED Highlight
- **4** Night Mode

Press the key repeatedly to change a given setting. For example, if you press **4** for Night Mode, pressing again enables you to apply Off or On to the setting.

QR Code decoder

The **Camera > QR Code Decoder** option allows you to conveniently obtain information by capturing the bar-codes. For example, when you see a movie post on the streets, you may capture a photo of the bar-code on the post using your phone. When decoded, the photo tells you information about the movie.

To capture a bar-code:

1. From the main menu, select **Camera** > **QR Code Decoder**.
2. Point the camera lens at the targeted bar-code, then press the capture button or the enter key to scan the bar-code. You may press the left/right navigation key to select QR Code Decoder options 🔳 and 🔳 on the screen. When selected, the icon turns blue.

🔳 (Service): Select this option to capture a bar-code, and your phone is automatically connected to the QR code service, such as WAP, vCard, SMS and Email, etc.; otherwise, only the QR code is displayed.

🔳 (Save) : Select this option to save the bar-code image captured to My Album.

🔳 and 🔳: When both are selected, the bar-code image captured is saved to My Album and then decoded.

My Secret Album
My Secret Video

My Secret Album and My Secret Video allow you to store image and video files safely and securely, preventing unwanted viewers from accessing confidential media files.

NOTE: The default password is 1234. Refer to the Settings chapter, Change Password section of this user guide for information about changing passwords.

Photo Artist

Use the Photo Artist option to edit your captured images, video, and audio files.

Select **Camera > Photo Artist** and press **OK**. The File Manager appears, showing the amount of space occupied by the phone memory and the DRM. You can start choosing image files from the stored data to be edited; select an image file from one of the handset's folders and then choose to automatically resize it or to prepare it so you can later use it as your LCD clip or sub LCD clip.

To automatically resize the picture:

Select the picture then choose **Auto Resize to Fit Main Panel > OK > Options**. A list of options is displayed.

> **Save as**: Use the keypad to enter the name you wish to save the file under, then press the left soft key ⌐ and choose **Done** or **Cancel** to save or discard the image, or choose **Input Method** to select

a different text input method.

Add Effect: Highlight an effect from the list using the navigaiton keys and press the enter key to view the effect on the picture. Press the left and right navigation keys to toggle between effects, and press the left soft key ⬒ to apply the setting, or the right soft key ⬓ to discard.

Frame: Highlight a frame from the list and press the enter key to see that frame applied to your picture. Use the right and left navigation keys to toggle between frames, and press the left soft key ⬒ to apply the setting, or the right soft key ⬓ to discard.

Add Icon: Highlight an icon from the list and press the enter key to add that icon to your picture. Use the navigaiton keys to change the position of the icon, then press the enter key to apply. Press **Done** when finished, or press **Cancel** to discard.

Add Text: Use the keypad to enter the text you want to add under your picture, then press the left soft key ⬒ and choose **Done** or **Cancel** to save or discard the image, or choose **Input Method** to select a different text input method.

When you have pressed **Done**, you can start changing the text color, the border color, and the shadow color. You can also italicize the text. When finished, press **OK**. Use the navigation keys to change the position of the text, then press the enter key to apply. Press **Done** when finished, or **Cancel** to discard.

Adjustment: You can choose either to adjust the image or the color. Highlight one of the two choices from the list and press **OK**. Adjust your image's brightness, contrast, saturation, and hue. Press **Done** or **Cancel**, then press the left soft key ⬒ to apply the setting, or the right soft key ⬓ to discard.

Flip: Use the navigation keys to flip the image horizontally or vertically. Press the left soft key ⬒ to apply the setting, or the right soft key ⬓ to discard.

Expand Canvas: You can choose to expand the canvas to full screen size here. Press **Yes** to apply the setting, or **No** to discard.

Help: Open the Help menu for easy instructions on how to use Photo Artist.

To create an LCD clip /sub LCD clip:
1. Select the picture and then choose **LCD Clip/Sub LCD Clip > OK > Options**. A list of options is displayed. Refer to the previous section on automatically resizing the picture for details.

Media Center

Audio Player

The phone is equipped with a high quality audio player for digital music files.

To start the audio player:

1. From the main idle screen, press the left soft key ⊟ to display the main menu. Use the navigaiton keys to highlight the Media Center icon, then press **Select**.

   Or: From the main idle screen, press the right navigation key to enter the Media Center menu.

2. Use the navigation keys to highlight the Audio Player option from the list and press **OK** to confirm.

   The audio player opens.

3. Select **Options** to open the Main Menu, which displays a list of available digital music files sorted according to play list, album, artist, genre, and song. The phone generates a playlist of the MP3 files located in the Music folder

4. Use the navigation keys to highlight your desired item and music file to play and press **OK** to select it.

5. The enter key and the up, down, right, left navigaiton keys act as play controls. When you press a key, the corresponding on-screen symbol lights up.

Key assignments are as follows:

- **Up** navigaiton key: Open the current playlist
- **Down** navigaiton key: Stop
- **Left** navigaiton key: Previous song
- **Right** navigaiton key: Next song
- **Enter** key: Play; Pause

NOTES:

- You can plug an earphone to the earphone socket on the bottom of the phone to listen to music files.
- Press the side volume key to adjust the volume.

Adding music files to your handset

To add music files to your phone you must first connect the phone to a computer with digital music files.

1. Connect the phone to the computer USB port using the USB cable provided. The Mass Storage window appears. Press **OK** to continue. The phone shuts down.

2. When the phone is connected to the computer it will appear in Windows® Explorer as two removable disk drives. One drive is the internal phone memory and the other is the microSD™ card if installed.

3. Drag and drop your digital music files to the Music folder in the internal phone memory, or the Music folder in the microSD™ card memory. If you add files

to folders other than these, you will not be able to play them with the phone's audio player.

Creating a new playlist

To create a new playlist:

1. From the main menu, select **Media Center > Audio Player > Options > Play List**. The Play List menu opens.
2. Select **Options > Create New Playlist**.
3. Use the keypad to enter the new playlist name, and select **Done** when finished.
4. When prompted to select songs, you may select from an existing playlist, an Album/Artist/Genre, or the list of all songs available. Press **OK** once to select a single song to add. Press and hold **OK** to add an entire Album/Artist/Genre selection to the new Playlist.

Options > Settings contains settings to control the playlist and the appearance of the audio player. Select from the following options. Use the right and left touchpad keys to toggle settings:

- **Play List**. Set the location of the playlist as either phone or memory card.
- **Skin**. Select from two different skins, or outward appearances for the audio player.
- **Repeat**. Select **One** to loop, or repeat, the current song. Select **All** to repeat all the songs in the playlist.
- **Shuffle**. Select On to randomly repeat

songs in the playlist. Select Off to play the songs in order.
- **Background Play**. Select Background Play to continue listening to music files even if you leave the media center to use other menu functions. Music stops, however, for playing games or for making phone calls.
- **MP3 Equalizer Settings**. Select from eight audio modes including Normal, Bass, Dance, Classical, Treble, Party, Pop, and Rock.
- **Lyric Sync**. Select Lyric Sync to turn on/off this function. Before activating this function, you must put a certain mp3 file and its lyric file in the same folder. The file name of the lyric file should be the same as that of the MP3 file except for the extension, e.g. XXX.lrc for the lyric file and XXX.mp3 for the MP3 file.

Managing songs

Go to **Media Center > Audio Player > Options > Song**. A list of songs is displayed. Choose a song from the list and press **Options**. Select **Detail** to view further information, such as file name, file size, music genre, etc. From this menu, you can also play/rename a song, set it as a ringtone, and edit its lyrics.

The Edit Lyrics option allows you to match up the lyrics with the melodies so that you can view the lyrics while listening to a song.

To edit lyrics:

1. Choose a song from the list, then press **Options > Edit Lyrics**. The lyric file of that song opens. Refer to "Lyric Sync" in the previous section for more details.
2. Press the capture button on the left side of the handset to play/pause the song.
3. When the song is played, use the enter key to insert/remove time stamps to make sure that the lyrics and the melodies match up.
4. When done, select **Save > OK** using the left soft key ⌐.

FM Radio

The phone is equipped with a high quality FM radio.

To start the radio:

1. From the main menu, select **Media Center** > **FM Radio**. The FM radio opens.
2. The enter key and the up, down, right, left navigaiton keys act as play controls. When you press a key, the corresponding on-screen symbol lights up.

Key assignments are as follows:

- **Up** navigaiton key: Open the channel list
- **Down** navigaiton key: Record
- **Left** navigaiton key: Press to jump to the previous channel; Hold to automatically tune to the previous channel
- **Right** navigaiton key: Press to jump to the next channel; Hold to automatically tune to the next channel
- **Enter** key: Turn on/off the radio

NOTES:

- You need to plug an earphone to the earphone socket on the bottom of the phone to listen to the radio.
- Press the side volume key to adjust the volume.

FM Radio options

When the radio is displayed, press the left soft key ⌐ to display the Options menu. There are options to access channel lists, manually input channels, automatically create a list of preset channels, change the radio settings, record a radio program, and append a recording.

The channel list contains preset channels.

To add a channel to the channel list:

1. Go to **Media Center > FM Radio > Options > Channel List**. The channel list is displayed.
2. Highlight a number using the up/down navigation key, then select **Options > Edit**.
3. Enter the channel name and the frequency using the keypad, then press the left soft key ⌐ to save the channel to the list. The numbers assigned to channels correspond to the number keys of the keypad.

NOTE: When entering a frequency, use the # key to insert a decimal point.

If the channel you are listening to is not on the channel list, you may add it to the list by long-pressing a number key that has not been assigned to any channels. To switch to a preset channel while listening to another, short-press the number key as a shortcut to that channel.

To select a channel from the channel list:
1. Start the radio, then select **Options > Channel List**. The channel list is displayed.
2. Highlight a preset channel in the list and press the enter key, or press the assigned number key. The number keys act as shortcuts to preset channels.
3. Select **Play** to switch to the channel.

To input a channel manually:
1. Start the radio, then select **Options > Manual Input**.
2. Enter the frequency of a channel using the keypad.
3. Press the left soft key ⌐ to switch to the channel

To automatically search and create a list of preset channels:
1. Start the radio, then select **Options > Preset List**.
2. Press the enter key to begin searching for all available channels automatically. The channels found will be automatically set as preset channels.

The Media Center > FM Radio > Options > Settings option allows you to change the following items: Background Play, Skin, Record Format, Record Storage, and Audio Device.

With the **The Media Center > FM Radio > Options > Record** option, you can record a radio program. During the recording, you may press the left soft key ⌐ to pause. Press the right soft key ⌐ to stop recording, then input a filename and press the left soft key ⌐ to select **Save**. The radio program recorded is saved to File Manager under Audio.

If you want to resume recording, select **Options > Append**.

NOTE: Recording in Append mode supports only AMR sound format.

Java

A selection of games created with Java technology comes preloaded on your phone.

To start a Java game:
1. From the main menu, select **Media Center > Java**.
   A list of Java games appears.
2. Highlight a Java game from the list and select **Options > OK** to launch the game.

Java Settings

You can alter a number of Java settings and view the resources available to Java applications using the Java Settings option.

To open the Java Settings menu:

1. From the main menu, select **Media Center > Java Settings**.
2. Highlight an option to change.
3. Use the right and left touchpad keys to change the setting.

NOTES:

- Not all settings can be changed. Some fields only display resources available.
- Setting the **Restore Default Games** field to Yes restores the default games and removes all other games you installed.

File Manager

The file manager is a feature that enables you to find and manipulate files stored in the memory of your phone or on a microSD™ card if installed.

To open the file manager:

1. From the main menu, select **Media Center > File Manager**.

   Two virtual disk drives are displayed. The first in the list represents the internal handset memory, and the second represents the microSD™ memory card.

2. Use the navigation keys to highlight a drive, then select **Options**. Options for that drive are then displayed. You can open the drive and view contents, create a new folder, or format the drive.

NOTE. Formatting a drive erases all the contents of the drive. Do not select unless you have backed up important information.

Viewing drive contents

You can view the files stored in the memory of the phone or on microSD™ card using the file manager.

To view the contents of a drive:

1. Open the file manager as described in the "File Manager" section of this chapter.
2. Use the navigation keys to highlight a drive and select **Options > OK** to open that drive.
3. Folders in that drive are then displayed. Highlight a folder, then select **Options** to display options for that drive. You can open the drive and view contents, create a new folder, rename the folder, or delete it.

If the selected drive contains folders, you can browse up and down the folder list using the navigation keys. Press the enter key to display contents of a highlighted folder.

While viewing folders, select **Options** to access folder options, including open, create folder, rename, and delete.

To edit files within folders, highlight a file, then select **Options**. The options may vary depending on which type of file you open.

Organizer

The organizer menu gives you access to a number of features including alarms, power on/off timer, calendar, task list, calculator, world clock, sound recorder, AB repeater, schedule FM record, stopwatch, countdown, units/ currency converter, and health manager.

Alarm

The phone can function as an alarm clock. You can set up to three alarm events.

To program an alarm.

1. From the main menu, select **Organizer > Alarm**.
   A list of alarms is displayed.
2. Highlight an alarm to program then select **Set**. The Set screen is displayed.
3. Highlight fields to edit. Enter new values using the keypad or use the left/right navigation action to scroll through the available options.

The Alarm Type function defines whether the alarm sounds once, at the same time every day, or on specific days. Highlight the field then press **Edit** to display available options.

Press the left soft key ⌐ to stop the alarm or the right soft key ⌐ for the five minute snooze function.

When done, select **Save** to effect the settings.

Power On/Off Timer

The phone can be set to turn on or off automatically. The **Organizer > Power On/Off Timer** option enables you to schedule times to turn power on or off.

You can define up to four power on/off times. Highlight a number from the list using the navigation keys and select **Edit**.

Use the right/left navigaiton key to change settings for each field.

The Status field sets the status of the phone to On or Off at the time of the scheduled power on/off. The Power On/Off field sets whether the phone is to turn on or off. The Time field sets the time for the power to turn on or off.

In the submenu, use the up/down navigation key to move between fields then press **OK** to set.

Define the status as on or off. Define the event as power on or power off, and define the time.

Calendar

The calendar function helps you keep track of day-to-day tasks.

To open the calendar:

1. From the main menu, select **Organizer > Calendar**.

2. The calendar is displayed. Use the volumn key on the left side of the handset to scroll the calendar by month.

Dates with tasks appear marked with a red triangle.

To select a date on the calendar:

1. Use the navigation keys to highlight a specific date on the calendar, OR
   Select **Options > Go to Date** and enter the year, month, and day. The selected date then appears highlighted on the calendar.
2. Select **Options** to view options for that date.

Options include viewing tasks entered for that day and jumping to another day.

To access tasks:

1. Select a calendar date as described in the previous procedure.
2. Select **Options > Tasks List**.
3. Highlight a task, then press **Options** to view details, or add, edit, delete, and send a task. See the "Tasks List" section in this chapter for more information about tasks.

Tasks List

You can create a list of tasks for a date on the calendar. Access Tasks List from the Organizer menu, or the Calendar tool, as described in the "Calendar" section of this chapter.

To access the Tasks List:

1. From the main menu, select **Organizer > Tasks List**.
   Stored tasks are then displayed.
2. Select **Options > Add** to add a new task. There are fields for date, time, content, and alarms.
   Select date and time fields using the navigation keys, and modify the fields using the keypad.
   Select **Content > Edit**. A text entry window opens to enter information about the task(s) for this date. Select **Options > Done** to save the content.
   The Alarm Notify field activates or deactivates the alarm. Select **Activate** or **Deactivate** using the right and left navigation keys.
   If you chose to activate the alarm, set a frequency for the alarm in the **Alarm Type** field. Select Once, Hourly, Everyday, Days (Monday through Friday), Weekly, or Monthly, using the up and down navigation keys.
3. To edit a task, highlight a task from the list then select **Options**.
4. Highlight an option from the Options menu and press **OK** to confirm.

To enter a recurring hourly, daily, weekly, or monthly task:

1. Follow the steps described above to add or edit tasks.

2. In the date field, enter the date you would like the recurring task to begin.
3. In the **Alarm Notify** field, select **Activate**.
4. In the **Alarm Type** field, select Hourly, Every Day, Days (Monday through Friday), Weekly, or Monthly.
The task is then recorded for all relevant dates after the starting date. These dates appear marked with a red triangle in the calendar.

Calculator

The phone includes a calculator function. You may choose between a basic or a scientific calculator.

To use the standard calculator:
1. From the main menu, select **Organizer > Calculator > Basic**.
   Select **OK** to display the standard calculator.
2. Use the keypad to enter numbers and the up, down, left, right navigation keys to select the add, subtract, multiply, and divide functions.
   Press **OK** to select =.
3. Press twice on the up, down, left, or right navigation keys to access memory functions:
   • **m+** Select m+ then press **OK** to add a number to memory. Select m+ to add the number stored in memory.

• **m-** Select m- to subtract the number stored in memory.
• **mc** Select mc then press **OK** to clear memory.
• **mr** Select mr to retrieve and enter the number in memory.

Note that most of the functions are selected with the navigaiton keys alone, with no need to press OK. For example, compute 239 + 1,238 + 439 as follows:
1. Enter 239 with the number keys.
2. Press the up navigation key once to select the + function.
3. Enter 1,238 with the number keys.
4. Press the up navigation key once to select the + function. The subtotal, 1,477, appears.
5. Enter 439 with the number keys.
6. Press the enter key to display the total, 1916.

NOTES:
• Numbers are cleared from memory once you exit the calculator.
• Press the # key to enter a decimal point.

The phone includes a scientific calculator function.

To open the scientific calculator:
1. From the main menu, select **Organizer > Calculator > Scientific**.
   Select **OK** to display the scientific calculator.

2. Enter values to compute using the keypad.
3. Use the navigaiton keys to choose the function you want to perform, then press **Select**.
4. When done, press the right soft key to clear.

World Clock

The world clock function enables you to see the time in various major cities of the world.

To open the world clock:

> From the main menu, select **Organizer > World Clock**.
> The World Clock is displayed.

The clock displays a map and the current time in your own location. You can move the location west or east using the left or right navigaiton keys.

Voice Recorder

The voice recorder lets you record and play back sounds.

To open the voice recorder:

1. From the main menu, select **Organizer > Voice Recorder**.
   The Voice Recorder is displayed.
2. Press the left soft key to display the **Options** menu.
   From the Options menu, select **Record** to make a new recording. Select **My**

Sounds to display a list of saved recordings. Press **Options** to play/ append/rename/send/delete the current recording, or delete all recordings. Select **Settings** to set the default storage location and the file format. Files can be stored in AMR or WAV formats.

3. Highlight an item from the Options menu and press **OK** to confirm.

AB Repeater

To start the AB Repeater:

1. From the main menu, select **Organizer > AB Repeater**.
2. Open an audio file from its storage location.
   Press **Select** and the AB repeater screen is displayed.
3. Use the enter key to play/pause a recording, the down navigation key to stop playing, the left/right navigation key to rewind/fast forward. When the audio file is played, press the side volumn key to adjust the volumn.

NOTE: By default, the sound files recorded are saved to Audio in the handset memory or the memory card.

Schedule FM Record

The **Organizer > schedule FM Record** option allows you to set the time, date, frequency, and channels to make recordings. You can also change record settings through several fields.

To schedule FM recordings:

1. From the main menu, select **Organizer > Schedule FM Record**. You can make up to four recordings. Press **Edit** to set.
2. Use the up/down navigation key to highlight a field to set. You can choose to turn the function on/off, set the date/time to start recording, choose the repeat mode (Once, Everyday, Days, Weekly, Monthly), and choose which FM channel you would like to record.

Stopwatch

The phone includes a stopwatch function.

There are two styles of stopwatch to choose from: Typical or nWay.

The Typical stopwatch is a simple timer that can be started and stopped using the **OK** button.

The nWay stopwatch consists of four simultaneous timers that can be started by pressing the up, down, left, or right navigaiton keys. Only one timer can run at any time. The total time appears in the middle of the screen.

To use the stopwatches:

1. From the main menu, select **Organizer > Stopwatch**.
   The Stopwatch menu screen is displayed.
2. Select the type of stopwatch you want to use and press **OK** to confirm.
3. Press the enter key to **Start/Stop** timing.
4. Select **Reset** to reset the stopwatch.
5. Select **Back** to exit. A message asks if you would like to save the timing. Select **Yes** or **No**.
6. If you select **Yes** to save the timing, enter a name for the file. After entering a file name, select **Options > Done** to save the file.

Typical stopwatch functions

If you select the Typical stopwatch, you are then prompted to select one of three functions: Split Timing, Lap Timing, or Record.

Split timing can time portions within a main recording.

To enter a split time:

1. Press the left soft key ◻ to select **Mark**. The current time elapsed then appears in a list of times, while the stopwatch continues to run.
2. Select **Mark** again to add another split time to the list.

The Lap Timer, like the Split Timer, records portions, or laps, of a main timing. The Split Timer, however, displays cumulative time elapsed, whereas the lap timer displays individual lap times.

To enter a lap time:

Press the left soft key ⊟ to select **Mark**. The lap time is then added to a list of lap times.

Select **Record** to view saved stopwatch records.

nWay stopwatch

The nWay stopwatch enables you to track up to four individual times simultaneously.

To use the nWay stopwatch:

1. Press the enter key to start/stop the nWay stopwatch.
2. There are four times, marked by up, down, right, and left arrows.
   Select a time by pressing the corresponding up, down, right, or left navigation keys. The selected time is then colored black.
3. Press the left soft key ⊟ to reset the stopwatch.

Countdown

The phone includes a countdown function that allows you to set a specific period of time within which an action must be completed.

To set the countdown timer:

1. From the main menu, select **Organizer > Countdown > Set**.
2. Use the navigation key to scroll through hours, minutes, and seconds. Input the values you want using the keypad, then select **Save** when done.

3. To start the countdown timer, press the enter key.
4. When the specified time lapses, the **Timout** window opens, and a tone/ vibration signifies that the time is up. Press **OK** or select **Back** to stop.

Units Converter

The Units converter is a useful tool to convert weights and measures from imperial (pounds, feet, and inches) to metric or metric to imperial.

To use the unit converter:

1. From the main menu, select **Organizer > Units Converter**.
   The Units Converter menu is displayed.
2. Use the navigation keys to highlight the **Weight** or **Length** option and press **OK** to confirm.
3. With the top field highlighted, use the left and right navigation keys to select a conversion type.
   For weight conversions, convert between pounds or ounces and kilograms.
   For length conversions, convert among yards, feet, and inches, and meters, centimeters, miles, and kilometers.
4. Highlight either of the measurement fields using the up and down navigaiton keys.
   You can convert in either direction, depending on which field you fill in and which you leave blank. For example, to

convert kilometers to miles, complete the Km field and leave the Mile field blank.
5. Input a number using the keypad.
6. Press the **OK** to confirm.
   The measure is converted and displayed.

Currency Converter

The currency exchange is a useful tool to help you convert one currency to another or back again.

To use the currency exchange:
1. From the main menu, select **Organizer > Currency Converter**.
   The currency exchange is displayed.
2. Use the keypad to enter a conversion factor and press **OK** to confirm. Use the **#** key to enter a decimal point.
3. With the top field highlighted, use the left and right navigation keys to select the direction of conversion (e.g. 2:1 or 1:2).
4. Use the down navigaiton key to highlight the **Local** currency field and enter a number using the keypad. Use the **#** key to enter a decimal point.
5. Press **OK** to display the result.

Health

The health manager includes a Body Mass Index (BMI) calculator, and a menstrual cycle chart.

To use the BMI calculator:
1. From the main menu, select **Organizer > Health > Calculate BMI**.
2. Highlight the top field, then use the left and right navigaiton keys to enter your sex, Male or Female.
3. Highlight the height and weight fields and enter a value for each using the number keys.
4. Press **OK** to calculate your BMI. The display also indicates the normal BMI range for your height.

To use the menstrual cycle calculator:
1. From the main menu, select **Organizer > Health > Menstrual**.
2. Use the keypad to enter the date of the start of your last menstrual cycle and the days of an average period.
   Press **OK** to confirm.
   Your menstrual cycle chart is then displayed.
   The most fertile period is displayed in yellow.
   The menses period is displayed in red.

Network

The Network menu gives you access to wireless services, such as WAP web browsing or WAP push.

SIM Tool Kit

The SIM Tool Kit (STK) list allows you to view and use value-added services offered by your phone operator.

To open the STK list:

1. From the main menu, select **Network > STK**.
2. The next window displays the value-added services that your phone operator offers. Use the navigation keys to scroll up/down and highlight the item you want to avail of.
3. Press **OK** to confirm.

NOTES:

- The contents of this menu are SIM-dependent and varies from one phone operator to another. Inquire with your phone operator the complete list of services that they offer.
- If your phone operator has no value added service, a **Service Not Available** message appears when you access this menu.

WAP

Use the WAP menu to set the homepage, bookmarks, view recent pages, enter an internet address, service inbox, and change settings.

To open the WAP menu:

1. From the main menu, select **Network > WAP**.
2. Highlight an option to change.
3. Press OK to change the highlighted setting.

Browsing WAP pages

Browsing WAP pages is much like browsing web pages with your computer. However, rather than using a mouse, you navigate with the navigation keys and with the OK key.

Scrolling

Some WAP pages are longer than the phone's screen. To scroll up or down a page, press and hold the up or down navigaiton key.

Viewing Links

Web links appear as colored or underlined, just as on a computer. To view a link, press **OK**.

WAP settings

Many important WAP settings are dependent upon your service provider's system setup. Contact your service provider for details.

If, as part of your WAP settings, you need to change the WAP proxy IP address, refer to the following instructions.

Changing the WAP proxy IP address

One or more WAP profiles should already be set up before changing the IP address.

1. Select **WAP > Settings > Profiles**. A list of available profiles appears.
2. Select a profile, then press **OK**. The selected profile is activated.

You can also highlight a profile then select **Options**. You can then either select **Activate**, **Edit**, or **Delete**. If you select **Edit**, you can view and edit the profile settings.

To edit proxy IP address, select the field **Conn. Oriented.**

WAP Push

WAP Push is a method for sending multimedia content to your phone. If your service provider offers WAP push services, you can use WAP push to receive such content as wallpaper, ringtones, or java games. The message is sent as a WAP accessible URL, or web address.

Set WAP Push settings in **WAP > Settings > Push Settings**. Use the navigation keys to select either on or off, then press **OK** to confirm. Receive WAP Push content in **WAP > Push Inbox**.

Data Account

The **Network > Data Account** option displays a list of available network services.

To view data account information:

1. Select a network type, **GSM Data** or **GPRS**, to view a list of available data accounts for each type of network. These data accounts contain access details for available service providers in your area.
2. Highlight a data account from the list, and press **OK** to view details, including account name, number, user name, password, line type, speed, and DNS.

Handset Manager

The Handset Manager is a powerful software tool to link your mobile phone and your computer. Use the Handset Manager to send files from your computer to your phone, including music, ringtones, pictures, and java games. Stay organized by managing and synchronizing your phone's contacts and calendar with your computer. Compose text and multimedia messages quickly and comfortably on your computer, then transfer them to your phone to send.

This user guide gives an introduction to basic functions of the Handset Manager. For additional information, consult the online help files included with the Handset Manager.

Installing the Handset Manager

Ensure that the following system requirements are met:

Software:
   • Microsoft® Windows® 2000 or above system

Hardware:
   • USB 2.0 port
   • CD-ROM driver

You can also edit voice mail details or connect to a voice mail account here.

NOTE: Voice mail is a service provider feature. Contact your service provider for voice mail numbers and settings or other voice mail assistance.

To install the Handset Manager software:
   1. Insert the software CD into your computer to start installation.
   2. On the start-up page, select the mobile phone model and interface you wish to install.
   3. Turn on the phone and connect it to the computer using the supplied USB cable. When you turn on the phone, the phone prompts you to select a type of USB connection. Press the left soft key.
   4. Click Install Handset Manager.

NOTES:

• Make sure the mobile phone is switched on and correctly connected with the USB data cable before installation.

• Most systems already support USB. However, if your system does not, install a USB driver before installing the Handset Manager software.

• To uninstall software, click the Add/Remove Programs icon in the control panel. Select the Asus Z801 USB-Handset Manager from the list. Click the Remove button and follow the instructions on screen.

Starting the Handset Manager

To start the Handset Manager:
   1. Connect your handset to a USB port on your computer using the supplied USB data cable, then turn on your handset.
   2. A list of connection types appears in the handset window. Press the left soft key.

3. Select Asus Z801 USB-Handset Manager > Asus Z801 USB-Handset Manager from the computer's program list, OR

   Right click the 📱 phone icon in the system tray in the lower right corner of the screen. Select Handset Manager.

4. An animation in the Handset Manager main panel shows your connection status.
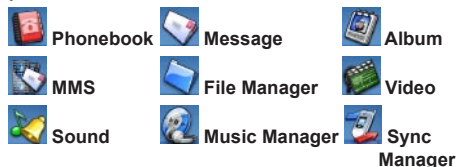
NOTES:

- Be sure to unplug the USB cable after use. The computer may not boot as usual if you start the computer with the phone's USB cable connected.

- When disconnecting the mobile phone from the computer while using Handset Manager, first turn off the handset, then disconnect the USB cable. When transmitting data to the Handset Manager, don't disconnect the handset.

- While transmitting and editing data, don't operate the phone and Handset Manager at the same time.

- Don't install Java Games through Handset Manager while simultaneously playing Java games in the mobile phone

Main Panel

The following illustration shows the main panel. Access all the Handset Manager functions from this Panel.

Access the Handset Manager tools by clicking on the icons at the bottom of the screen. Each tool has its own interface, which opens when you click on the icon.

📕 **Phonebook**　📩 **Message**　📷 **Album**

📇 **MMS**　📁 **File Manager**　🎥 **Video**

🔔 **Sound**　🎧 **Music Manager**　📲 **Sync Manager**

Clicking the three buttons in the upper right corner of the main Handset Manager panel does the following:

- ⊗ Closes Handset Manager and minimizes the system tray.

- ⊖ Minimizes Handset Manager to the task bar.

- ❷ Opens online help and settings.

Settings, Information, and Online Help

You can access several items related to settings, information, and online help by clicking on the ❷ icon.

- Select Help Topics to open online help. You can also open online help from the program list: Asus Z801 USB—Handset Manager> User's Guide.

- Under Settings, you can select whether to run the Handset Manager automatically when you start the computer. You can also set the computer

port, handset model, and interface type manually here.

- Select Handset Version to see the model name and firmware version of the phone, when the phone is connected. Select About Handset Manager to see the version of Handset Manager installed in your computer.

Navigating the Handset Manager Tools

No matter which Handset Manager tool you are working with, you can access functions and commands in the following three ways. The Messages window is shown as an example.

1. Right-click to bring up the pop-up menu or click icons on the menu toolbar, OR
2. Click on the 🅑 File button in the upper left corner to choose from a drop-down menu, OR
3. Click on the icons in the upper right of the window.

File button   **Icons for functions**
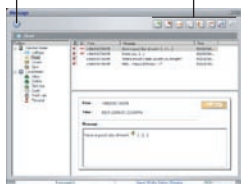
Messages Window

When you move the mouse over an icon, a pop-up window tells you the name of the button.

NOTE: You must exit one tool before launching another.

Navigating Media Files

The interfaces for media tools—MMS, Sound, or Album and Video —are quite similar. The
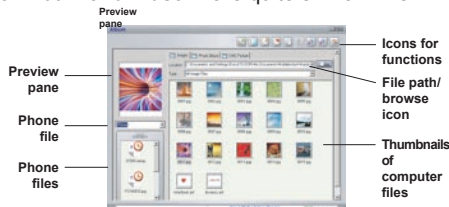
Album window

Album interface is shown here.

- The left preview pane shows a preview of the files you select. A drop-down menu on the left lets you select the location of phone files. Select Handset or Memory Card.
- Thumbnails of files in the phone are shown in the lower left pane.
- Icons in the upper right corner give access to various functions, such as copy, paste, and delete. Also in the upper right, a frame shows the current file path, next to the browse icon. If you want to choose another file location, click this icon. The browse icon and drop down menus give you access to computer files only.

- Thumbnail views of computer files in the selected location are shown in the lower right pane.

Transferring Files to and from the Handset

- To edit a file in your handset, download the file to your computer by clicking on the 🔧 Download icon in the upper right. The download function does not save the file on your computer. To save the file on your computer you first download it as described above and then right-click and select Save from the dropdown menu. You can then save the file to a specific location on your hard disk.
- To add a file to the handset, click on the 🔧 Update icon.
- To refresh the folder display click the refresh icon 🔧.

NOTES:

- As used in the Handset Manager software, the term update has the same meaning as upload.
- You do not necessarily need to select a folder on the phone's handset or microSD card. The Handset Manager automatically locates the appropriate folder for the file type.

Handset Manager Folder Location

The Handset Manager creates a default folder in the My Documents folder in Windows. Find this folder in My Documents > Mobile Action > Handset Manager. There are also sub-folders for the different types of files you can work with in the Handset Manager.

Handset Manager Icon

A Handset Manager icon appears in the system tray, even when the Handset Manager is minimized. By right-clicking the Handset Manager icon in the system tray, you can select the following Handset Manager functions: Handset Manager, SyncManager, SyncManager Settings, and Exit.

The appearance of the icon in the system tray indicates the current status:

Handset Manager is connected with the handset.

SyncManager has launched auto-synchronization.

The handset is disconnected from Handset Manager.

NOTE: When you close the Handset Manager window, the application remains running in the background. To completely exit Handset Manager, right click and select Exit.
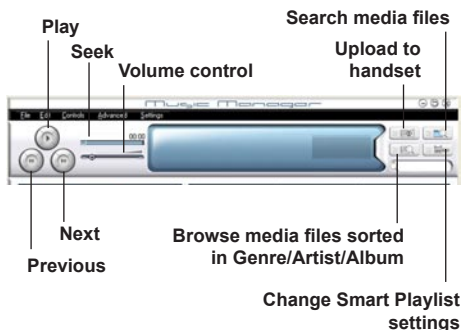
Music Manager

The Music Manager allows you to transfer and organize media files conveniently. You can create playlists, upload, maintain, and playback digital music through an easy-to-use interface.

To launch the Music Manager, simply launch the Handset Manager from your desktop and on the main panel, click the Music Manager icon.

Main control panel

Play
Seek
Volume control
Search media files
Upload to handset

Next
Previous
Browse media files sorted in Genre/Artist/Album
Change Smart Playlist settings

NOTE: It will take a few minutes for the PC to read the music file in your headset and memory card. Wait for two to three minutes to access this function after you have launched the Handset Manager.

Control panel columns

Add playlist
Add smart playlist
Delete playlist
Browse by Genre/Artist/Album

This column displays the Library and playlists/smart playlists you have created.

These columns display the available media files and information about these files.
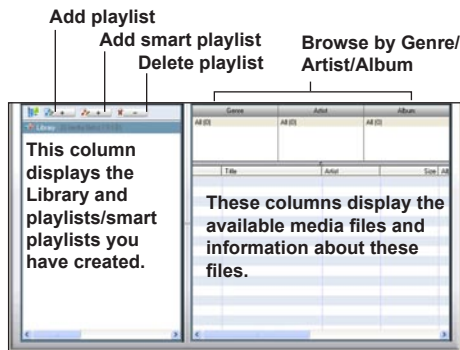
Music Manager gives you two options to manage your media files. A **Playlist** contains files from the Library while a **Smart Playlist** allows you to manage media files in a playlist based on advanced conditions.

Creating a new playlist/smart playlist

1. Click the add playlist/smart playlist button.
2. Drag media files from the library or an existing playlist to the target playlist/ smart playlist.

NOTE: For information on how to edit or manage playlists/ smart playlists, refer to the Help file in the Handset Manager application.

Uploading files to the handset

To upload files to the handset:

NOTE: Make sure the handset is turned on and the device drivers are installed.

1. Launch Music Manager.
2. Plug one end (type A) of the USB cable to the PC, then plug the other end (type B) to the USB port on the handset. Music Manager detects the handset connection.
3. Right-click on a file or playlist, then selct **Upload to Handset**.
   You may also drag a file or playlist directly to the handset window at the bottom of the control panel.
4. The handset will power on while leaving the Music Manager. Press the left soft key for Com port connection.

Important notes

Phonebook

If you are using Microsoft® Outlook or Outlook Express, and you do not need to edit contact entries or manage contact fi elds, you may choose to automatically synchronize contact or calendar information using the SyncManager.

Message

- Use **Upload** and **Download** functions to conduct the SMS synchronization.
- Store the SMS messages in any folder in the Local Folder. Messages to be moved to the mobile phone should be placed in the **Unsent** folder.
- Use **Insert Objects** to add the MIDI ring tones or animations to the message.
- If you have performed phonebook download, when editing the message, you can click **Receiver** to send the message directly by selecting the names.
- The EMS pictures in **My Album** can be inserted.
- This mobile phone supports EMS messages. However, pictures, MIDI or animations added in the message may not be displayed properly on devices that do not support EMS messages.

Album

- Pictures saved as main wallpaper will be re-sized to 240 x 230 pixels automatically.
- Select a phone file location from the drop-down menu. The picture file will be transferred to a folder called **Images**.

MMS

- MMS messages uploaded to your phone can only be saved in the **Saved Items** folder. You cannot use File Manager to upload or download MMS files.
- Do not use the Handset Manager MMS function while the handset is in the MMS menu or sending and receiving MMS."

File Manager

- You need to select the appropriate folder for the file type. For example, if you want to transfer a video file to the handset, you need to select the Video folder in the handset. When transferring to the phone, a file transfer will not be completed if the location does not match the file type.
- The default folder for Handset Manager files in the computer is in the **My Documents folder: My Documents > Mobile Action > Handset Manager**.
- When dragging and dropping, the icon ○ means files cannot be dropped to a destination.
- When dragging and dropping, the icon ▯ means files can be dropped to a destination.
- Large files may take a few minutes to move. To reduce the transfer time, you may use the handset as a mass storage device instead.

   Follow these steps to use your handset as a mass storage device:
1. Connect the handset to a USB port on computer using the supplied USB data cable, then turn on your handset.
2. A list of connection types appears in the handset window. Select Mass Storage.
3. Select **My computer > Mass Storage**, and select from Audio, Images, Photos, Video folders to store your file.

- When installing Java games, download "Java Game.jar" from the Internet to the handset's Java installation folder. When the installation is successful, a message indicates that the installation is successful.

Video

- You can select storage devices for the phone in the Video folder from the left of the window.
- Right-clicking on the window of the phone and selecting **Download** is just to allow this software to read the selected picture file rather than saving it. To save the picture file, right-click and select **Save** to save the file in the desired folder.
- Click the refresh icon to update the status of the folder
- The files saved in the phone will be converted to .3pg format automatically.
- The video file will be transferred to a folder called **Video**.

Sound

- The handset must be connected to the computer in order to save an MP3 clip or update an MP3 clip to the handset.
- You may save MP3 ringtone files in any location on your computer, though saving to the assigned Handset Manager folders may be a convenient way to keep files organized. When you update MP3 files, the files are automatically assigned to the correct location in your handset.
- The file will be transferred to a folder called "**Audio**.

Appendix

Additional Information

The use of this equipment may be subject to local rules and regulations. The following rules and regulations may be relevant in some or all areas where your handset will be in operation.

European Notice

Products with the mark comply with the Radio & Telecommunication Terminal Equipment Directive (1999/5/EEC), the Electromagnetic Compatibility Directive (89/336/EEC) and the Low Voltage Directive (73/23/EEC) - as amended by Directive 93/68/ECC - issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Standards:

- 1999/5/EEC Radio & Telecommunication Terminal Equipment Directive (R&TTE) EN 301 511
- Specific Absorption Rate (SAR) Standard: EN 50360, EN 50361
- 73/23/EEC Low Voltage Directive (LVD) Standard: EN 60950:2000
- 89/336/EEC Electromagnetic Compatibility (EMC-Directive) Standard: EN 301489-1/7
- The manufacturer cannot be held responsible for modifications made by the user and the consequences thereof, which may alter the conformity of the product with the mark.

Certification Information (SAR)

This mobile phone meets EU requirements for exposure to radio waves.

Your mobile phone is a radio transmitter and receiver, designed and manufactured to meet limits of exposure to radio frequency (RF) based on international guidelines and recommendations of The Council of the European Union. These limits are part of comprehensive guidelines that establish permitted levels of RF energy for the general population. Independent scientific organizations developed these guidelines through periodic and thorough evaluation of scientific studies. The guidelines provide a substantial safety margin to ensure the safety of all persons, regardless of age and health.

The exposure standard for mobile devices is measured by a unit known as the Specific Absorption Rate, or SAR. According to international guidelines, the SAR limit is 2.0 watts/kilogram (W/kg)*. SAR testing is conducted using standard operating positions with the device 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 of the device while operating may be below the maximum value. This is because the device is designed to operate at multiple power levels to use only enough power required to reach the network. The closer you are to a base station, the lower the device power output.

The highest SAR value for this mobile phone when tested for use and compliance to international standards is 0.931 W/kg.

SAR values may vary depending on national reporting and testing requirements, as well as the network band. SAR values may also vary depending on device accessories and enhancements used.

* For publicly used mobile phones, the SAR limit is 2.0 W/kg averaged over 10 grams of body tissue. A substantial margin of safety gives the public additional protection and takes into consideration any measurement variations.

Proper Disposal

The symbol of the crossed out bin indicates that the product (electrical and electronic equipment) should not be placed in municipal waste. Please check local regulations for disposal of electronic products.
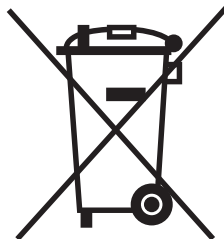
Safety Warnings
Read the following safety warnings carefully before using your cell phone.

- This equipment is intended for use with power supplied from supplied battery charger(s) and/or power supply unit(s). Other usage will invalidate any certification given to this apparatus and may be dangerous.
- Switch off your cellular telephone when in an aircraft. The use of cellular telephones in an aircraft may be dangerous to the operation of the aircraft, disrupt cellular networks, and may be illegal. Failure to observe this instruction may lead to suspension or denial of cellular telephone services to the offender, legal action or both.
- Do not use the phone or phone equipment when at a refueling point.
- Observe restrictions on the use of radio equipment in fuel depots, chemical plants, or where blasting operations are in progress.
- The use of the Alert device to operate a vehicle's lights or horn on public roads is not permitted.

You MUST exercise proper control of your vehicle at all times. Observe the following safety precautions when driving:

- Do not use a hand-held telephone or microphone while you are driving.
- When driving, find a safe place to stop the vehicle before using the phone.
- Do not speak into a hands-free microphone if it will distract you from driving.
- You MUST NOT stop on the hard shoulder of a motorway to answer or make a call, except in an emergency.
- The radio equipment should be connected to the antenna via a non-radiating cable (e.g. coaxial cable). The antenna must be mounted in a position such that no part of the human body will normally rest close to any part of the antenna unless there is an intervening metallic screen, such as a metallic roof.

NOTES:

- In some areas where electric current is unstable, it is recommended that you plug the charger to an AVR (AC Voltage Regulator) instead of direct connection to a power outlet. Unstable power current may damage the charger and/or the device.
- You can connect the USB charger or USB data cable to the device in only one orientation. Incorrect insertion of the cable