



benq
A520 Mobile Phone
User's Manual

Welcome

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Safety Information

For your safety, please read the guidelines below carefully before you use your phone:

Exposure to Radio Frequency Signals

Max. SAR measurement

EU: GSM900: 0.81 mW/g; DCS1800: 0.34 mW/g.

USA: PCS1900: 0.51mW/g (head); 0.69 mW/g (body).

Your wireless handheld portable telephone is a low power transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

European and international agencies have set standards and recommendations for the protection of public exposure to RF electromagnetic energy.

- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996
- Verband Deutscher Elektrikingenieur (VDE) DIN- 0848
- Directives of the European Community, Directorate General V in Matters of Radio Frequency Electromagnetic Energy
- National Radiological Protection Board of the United Kingdom, GS 11, 1988
- American National Standards Institute (ANSI) IEEE. C95.1- 1992
- National Council on Radiation Protection and Measurements (NCRP). Report 86
- Department of Health and Welfare Canada. Safety Code 6

These standards are based on extensive scientific review. For example, over 120 scientists, engineers and physicians from universities, government health agencies and industry reviewed the available body of research to develop the updated ANSI Standard.

The design of your phone complies with these standards when used normally. For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with the A520 accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. Hence, when a carry case, belt clip or holder is used for body-worn operation, it will be better to position the product at least 1.5cm away from your body.

Specific Operating Restrictions

No metallic component allowed in body-worn accessories.

Antenna Care

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

Phone Operation

- Normal Position: Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.
- For your phone to operate most efficiently, do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at higher power level than otherwise needed.
- Do not expose your phone to temperatures below -10°C ($+14^{\circ}\text{F}$) or above 45°C ($+113^{\circ}\text{F}$). Always take your phone with you when you leave your vehicle.

Batteries

- For safety concerns, when the temperature of the phone goes over 40°C ($+104^{\circ}\text{F}$) or below 0°C ($+32^{\circ}\text{F}$), charging will halt.

- All batteries can cause property damage, injury or burns if a conductive material such as jewelry, keys or beaded chains touches exposed terminals. The material may complete electrical circuit and become quite hot. To protect against such unwanted current drain, exercise care in handling any charged battery, particularly when placing it inside your pocket, purse or other container with metal objects. When battery is detached from the phone, your batteries are packed with a protective battery cover; please use this cover for storing your batteries when not in use.

Web Cam Cradle

- The Web Cam cradle is used for the phone's WebCam function only. To avoid RF interference, do not wear the WebCam cradle with the phone placed inside.

Driving

Check the laws and regulations on the use of wireless telephones in the areas where you drive. Always obey them. Also, if using your phone while driving, please:

- Give full attention to driving--driving safety is your first responsibility.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Electronic Devices

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should **ALWAYS** keep the phone more than six inches from their pacemaker when the phone is turned **ON**.
- Should not carry the phone in a breast pocket.
- Should use the ear opposite the pacemaker to minimize the potential for interference.

If you have any reason to suspect that the interference is taking place, turn your phone **OFF** immediately.

Hearing Aids

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

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone **OFF** in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

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

Posted Facilities

Turn your phone **OFF** in any facility where posted notice so requires.

Aircraft

FCC regulations prohibit using your phone while in the air. Switch **OFF** your phone before boarding an aircraft.

Blasting Areas

To avoid interfering with blasting operations, turn your phone **OFF** when in a “blasting area” or in area posted “TURN OFF TWO-WAY RADIO.” Obey all signs and instructions.

Potentially Explosive Atmospheres

Turn your phone **OFF** and do not remove the battery when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks, from your battery, in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always clearly marked. They include fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

For Vehicles Equipped with an Air Bag

An air bag inflates with great force. **DO NOT** place objects, including both installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

European Union Directives Conformance Statement

This device complies with the OJEC-Directive as below:

Electromagnetic Compatibility Directive (89/336/EEC), Low Voltage Directive (73/23/EEC)

And R&TTE Directive (99/05/EEC).



And also complies with the standard:

3GPP TS 51.010-1

EN 301 511

EN 50360/ EN50361

ETSI EN 301 489-1/-7

EN 60950

Table of Contents

| | |
|---|-----------|
| Safety Information | i |
| 1. Preparing Your Phone For Use..... | 1 |
| Inserting a SIM Card | 1 |
| Installing a Battery and Charging the Phone | 2 |
| Turning the Phone On | 4 |
| 2. Getting to Know Your Phone | 7 |
| Your Phone at a Glance..... | 7 |
| Status Indicator Light..... | 10 |
| Standby Screen..... | 11 |
| External Display | 11 |
| Icons in the External Display's Status Bar..... | 12 |
| Main Screen | 14 |
| Icons in the Main Display's Status Bar..... | 16 |
| Using the Keys in the Standby Mode | 18 |
| Menu Navigation..... | 23 |
| 3. Using Your Phone | 27 |
| Making a Phone Call | 27 |
| Ending a Phone Call..... | 27 |
| Answering a Phone Call | 28 |
| Rejecting an Incoming Call..... | 29 |
| Turning Off the Ring Tone for an Incoming Call | 29 |
| Making an International Call..... | 29 |
| Making an Emergency Call | 30 |

| | |
|--|----|
| Dialing an Extension Number | 30 |
| Speed Dialing | 30 |
| Voice Dialing | 30 |
| Listening to Voicemails | 31 |
| Phone Book..... | 32 |
| Adding Contacts to the Phone Book..... | 32 |
| Finding Contacts in the Phone Book | 35 |
| Last Missed, Dialed, and Received Calls..... | 37 |
| Operations During a Call..... | 38 |
| Call Menu | 40 |
| Using the Silent Profile..... | 43 |
| Camera Function..... | 44 |
| Taking a photo..... | 44 |
| Shooting a video | 46 |
| Using the Album..... | 47 |
| Profiles | 49 |
| Shortcuts Menu | 52 |
| Setting Function Shortcuts | 52 |
| Setting Phone Number Shortcuts..... | 53 |
| Using Function and Phone Number Shortcuts..... | 54 |
| Input Modes | 54 |
| Changing the Text Input Mode..... | 54 |
| Letter Input Mode (ABC) | 55 |
| Numeric Input Mode (123)..... | 55 |
| Predictive Input Mode (iTap) | 56 |
| Symbol Input Mode | 57 |

| | |
|------------------------|-----------|
| Messages Menu..... | 57 |
| New | 59 |
| SMS..... | 59 |
| MMS..... | 61 |
| SIM Folder | 66 |
| Inbox..... | 67 |
| Templates..... | 71 |
| SMS Template | 71 |
| MMS Template | 72 |
| Outbox..... | 72 |
| Drafts..... | 72 |
| Voicemail..... | 72 |
| Settings..... | 72 |
| Cleanup..... | 77 |
| Memory Status | 77 |
| The Games menu..... | 78 |
| God Damn Fish | 78 |
| Pilates Tutor | 78 |
| ExtreMe_Racing | 79 |
| Diamond | 80 |
| Settings..... | 80 |
| Size Limit..... | 80 |
| Java Version..... | 80 |
| Internet Settings..... | 80 |
| Voice Memo..... | 82 |
| 4. Menus..... | 83 |
| Phone Book..... | 83 |
| Find | 83 |

| | |
|----------------------|----|
| Add..... | 83 |
| Edit..... | 84 |
| Copy..... | 84 |
| Delete..... | 84 |
| Caller Group..... | 84 |
| Privacy Manager..... | 85 |
| Business Card..... | 86 |
| Activate..... | 87 |
| My Number..... | 87 |
| SIM Status..... | 87 |
| Messages..... | 87 |
| Calls..... | 88 |
| Missed..... | 88 |
| Received..... | 88 |
| Dialed..... | 88 |
| Delete All..... | 88 |
| Duration..... | 88 |
| Cost..... | 89 |
| Games..... | 91 |
| Camera..... | 91 |
| Media Center..... | 92 |
| Album..... | 92 |
| Videos..... | 92 |
| Picture..... | 92 |
| Animation..... | 93 |
| Melodies..... | 93 |
| My Melodies..... | 93 |
| Composer..... | 95 |

| | |
|--------------------------|-----|
| Help | 98 |
| Tools..... | 99 |
| Alarm | 99 |
| Calendar..... | 101 |
| To Do List | 103 |
| Note..... | 104 |
| Shortcuts | 104 |
| Voice Memo | 104 |
| Calculator..... | 105 |
| Currency Converter | 105 |
| Stopwatch | 107 |
| Countdown Timer | 107 |
| Service Number | 108 |
| SIM Toolkit Menu..... | 108 |
| Oper.Services | 109 |
| Start Browser | 110 |
| WAP Message..... | 116 |
| Goto URL | 116 |
| Resume | 116 |
| Clear Cache | 116 |
| WAP Settings..... | 116 |
| Settings | 119 |
| Date & Time | 119 |
| Time..... | 119 |
| Format | 119 |
| Secondary Time..... | 120 |
| Auto Power On/Off..... | 120 |
| Profiles | 120 |
| Display | 121 |

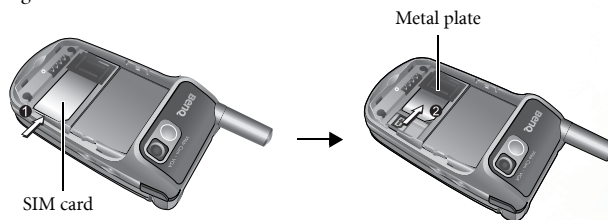
| | |
|------------------------------|-----|
| Theme | 121 |
| Wallpaper | 121 |
| Welcome Message | 122 |
| Contrast | 122 |
| Brightness | 122 |
| Keypad Backlight | 123 |
| OLED Duration..... | 123 |
| OLED Animation Setting | 124 |
| Audio..... | 124 |
| Power Saving Mode..... | 124 |
| Call Settings | 124 |
| Call Divert | 124 |
| Call Barring | 125 |
| Call Waiting..... | 126 |
| Auto Redial..... | 126 |
| Show Number | 126 |
| Fixed Dialing Number | 127 |
| Active Line..... | 128 |
| Connect Alert | 128 |
| Minute Minder..... | 128 |
| Network | 128 |
| Network Mode | 129 |
| Available List | 129 |
| Band Setting | 129 |
| Connection..... | 129 |
| Security | 130 |
| PIN Code..... | 130 |
| Phone Lock..... | 131 |
| SIM Lock | 131 |
| Screen Lock | 132 |
| Language | 133 |
| Input..... | 133 |


| | |
|--|------------|
| User Group | 133 |
| Restore | 133 |
| 5. The A520 Tools Gallery CD-ROM..... | 134 |
| 6. The WebCam Function..... | 136 |
| 7. Care and Maintenance | 139 |
| 8. Troubleshooting..... | 140 |


1 Preparing Your Phone For Use

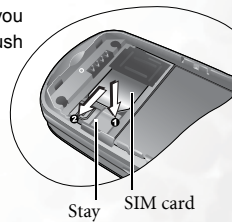
Inserting a SIM Card

Slide the SIM card in under the metal plate in the SIM card slot, with the SIM card's metal contacts facing down and the cut corner at the top right.



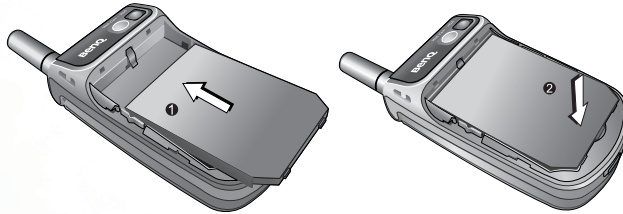
 A SIM card can be easily damaged if its metal contacts become scratched. Therefore, take special care when holding or inserting it.

 If you wish to remove the SIM card, you must first press down the stay, then push the SIM card out of the slot.



Installing a Battery and Charging the Phone

1. With the battery's metal contacts facing down, push the battery toward the top of the battery bay and then press down to lock the battery in place.

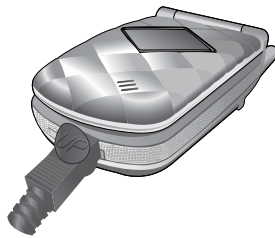





2. Place the battery cover on the back of the phone and slide toward the top of the phone to lock the cover in place.



3. Plug the charger into a power outlet.

4. Insert the charger connector deep into the phone until the connector locks into place. Make sure you insert the connector in the correct orientation (the side showing the "UP"/arrow icon faces you).




- Charging requires approximately 4 hours.
- When charging the phone while it is turned off, the status indicator light will flash blue and the external and main displays will be activated:
 - a. The external display will show the time and cycle through animations, then turn off temporarily. This is normal.
 - b. In the external display's battery icon , the lines showing the battery power level will scroll until the battery is fully charged.
 - c. When charging while the phone is turned off, the main display shows the  animation. If charging is performed while the phone is on, the main display shows the icon . The lines showing the battery power level will scroll until the battery is fully charged.
- After the battery is fully charged, the status indicator light will flash purple.

5. Once the phone is fully charged, remove the charger from both the power outlet and the phone.



- Do not remove the battery while the phone is charging.
- When the battery is out of power, the phone will play an alert sound to remind you to recharge it and then will automatically turn off.


Turning the Phone On


1. Open the phone's flip.
2. Press and hold  to turn the phone on. The phone will display the welcome animation.





In this user manual, "long-press" means to press and hold down a key for about two seconds before release. "Press" means to press a key and release immediately.






- To set a welcome animation, image, or message that will display when you turn on your phone, as well as the music that will be played. Go to the menu: **Settings > Display > Welcome Message**. See details on page 122.
- If the welcoming music goes on too long, once the standby screen comes up, you can press  to stop playback.


3. Enter your PIN1 number. After completing entry of your PIN1 number, press  to confirm.

 The PIN (Personal Identification Number) is a password provided by a network operator with a SIM card. You need this password in order to use the SIM card.


 If you enter the PIN incorrectly 3 times in a row, the SIM card will lock down and no longer be usable. If this happens, you must enter the PUK (Personal Unblocking Key) for that SIM card in order to unlock it. Please contact your network operator to obtain a PUK.

 To cancel PIN password authentication, go to the menu **Settings > Security > PIN Code > PIN1 Code**. Please see page 130.

4. When the PIN code entered has been accepted, the phone will automatically search for the designated network. This search process may take a few seconds.
5. The phone will then ask you whether you wish to activate the phone book stored in the phone's memory or on your SIM card. Press  to highlight the desired phone book and then press .
6. After you open the phone book on the SIM card, any data you browse, store, or delete will be from the SIM card's phone book. If you open the phone book in the phone's memory, any data that you view, store, or delete will be from the phone's phone book.

 If at some later point, you wish to switch phone books, go to the following menu **Phone Book > Activate**.

7. The standby screen will be displayed, as well as network signal strength and the name of the network operator. You can now use the phone.

 If the phone is not able to detect the designated network, or links to a network that you are not authorized to use, the on-screen signal strength meter will show no bars. You will only be able to make emergency calls.

2 Getting to Know Your Phone

Your Phone at a Glance

The figure below shows the main parts of your phone:

Front view 1

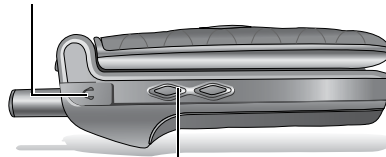


Front view 2



Side and back views

Hands-free headset/Data cable/WebCam cable jack




Volume key

Mirror used to take a self portrait.



Camera lens


Battery cover

 To avoid potential RF interference, please do not wear the phone in front of your chest.

Status Indicator Light

The status indicator light has the following functions:



- Flashes blue when the phone detects a network or is charging.
- Flashes purple when the battery is fully charged.
- Shows red when battery power is too low.
- Flashes blue rapidly when there is an incoming call.

 To turn off the status indicator light, you must start up the power saving mode. Go to this menu: **Settings > Power Saving Mode**.



Standby Screen



External Display

The external display's status bar will show icons for network signal strength, battery power, alarm (if active), etc. The current time and animations will appear in sequence. The external display also alerts you to incoming calls, messages, and missed calls.

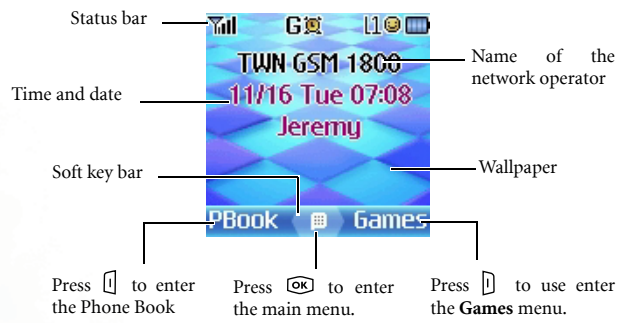
- If you wish to set the time shown on the external display, go to the menu **Settings > Date & Time > Time**. See page 119.
- In the default setting, the external display will show the time and several animations in sequence for one cycle. The external display will then temporarily power off. After it has powered off, you can turn it back on by pressing either the up or down arrow on the volume key  located on the left side of the phone.
- You can set the external display's cycling mode by using the menu **Settings> Display > OLED Duration**. See page 123.
- You can choose the animations to be shown on the external display by using the menu: **Settings> Display > OLED Animation Setting**. See page 124.
- You can press  from the standby screen to enter the **Profiles** menu, and then change the **Personal** profile's name to your own user name. When this profile is activated and the phone's flip is opened, your own name will appear on the external display. For details, see page 50.

Icons in the External Display's Status Bar



| Icon | Function | Description |
|------|-----------------|--|
| | Signal strength | Signal strength of the network. The more bars indicated, the stronger the signal. |
| | Battery status | Shows the current level of battery power. The more bars indicated, the more power that remains. Four bars: fully charged. No bars: immediate charging needed. |
| | message | A message is being received or that there are unread messages. If the icon  flashes, this indicates that the SIM card's message memory is full. |
| | Voicemail | Indicates that there are voicemails (this icon will only appear if the function is supported by your network vendor). |
| | Alarm | The alarm is turned on. To set the alarm, go to the menu Tools > Alarm Clock . |
| | Vibrating alert | In the standby screen, press and hold  to activate the vibrating alert. See page 43, "Using the Silent Profile". |
| | Normal | The Normal profile is in use. |
| | Meeting | The Meeting profile is in use. |
| | Outdoors | The Outdoors profile is in use. |
| | Personal | The Personal profile is in use. |
| | Handsfree | The Handsfree profile is in use. |

| Icon | Function | Description |
|---|----------|---|
|  | Divert | The call divert function is active. |
|  | Roaming | Roaming has been activated (not your regular network) |













Main Screen












- You can set the the wallpaper used for the main display's standby screen by going to the menu **Media Center > Picture** or **Animation**, or **Settings > Display > Wallpaper**. See page 92 and page 121.
- To set the current time and date, as well as the format in which they will be shown in the main display's standby screen, go to the menu **Settings > Date & Time**. See page 119.
- You can press  from the standby screen to enter the **Profiles** menu, and then change the **Personal** profile's name to your own user name. When this profile is activated, your own name will appear in the standby screen. For details, see page 50.
- For enhanced security, you can use the screen lock function. Go to the menu **Settings > Security > Screen Lock**. If the screen lock is activated, and you have not performed any tasks with the phone for a set time, the phone will automatically bring up the screen lock image. The purpose is to protect any personal data on your phone from being read by other persons. To restore the original display screen, you must enter a password that you provide for this function. For details on settings, see page 132.
- After the standby screen remains for 10 seconds, the soft key bar, time and date, as well as other information currently displayed will automatically disappear, showing the full-screen wallpaper. You can also press  to display/hide the soft key bar and phone information shown on the standby screen.

Icons in the Main Display's Status Bar

| Icon | Function | Description |
|---|-----------------|---|
|  | Signal strength | Signal strength of the network. The more bars indicated, the stronger the signal. |
|  | Battery status | Shows the current level of battery power. The more bars indicated, the more power that remains. Four bars: fully charged. No bars: immediate charging needed. |
|  | GPRS network | GPRS services have been activated on your SIM card. |
|  | Message | A message is being received or that there are unread messages. If the icon  appears in red, this indicates that the SIM card's message memory is full. |
|  | WAP message | You've got a WAP message (this icon will only appear when there are no incoming or unread SMS/EMS/MMS messages). |
|  | Voicemail | You have voicemails (this icon will only appear if the function is supported by your network operator). |
|  | Alarm | The alarm is turned on. To set the alarm, go to the menu Tools > Alarm Clock . |
|  | Line in use | Shows the number of the line currently in use. |
|  | Vibrating alert | In the standby screen, press and hold  to activate the vibrating alert. See page 43, "Using the Silent Profile". |
|  | Normal | The Normal profile is in use. |


| Icon | Function | Description |
|---|-----------|---|
|  | Meeting | The Meeting profile is in use. |
|  | Outdoors | The Outdoors profile is in use. |
|  | Personal | The Personal profile is in use. |
|  | Handsfree | The Handsfree profile is in use. |
|  | Divert | The call divert function is active. |
|  | Roaming | Roaming has been activated (not your regular network) |


Using the Keys in the Standby Mode

 The chart below is meant only to introduce the commands accessible with keys when the phone is in standby mode. For information on other key commands available in other operating modes, see the pertinent sections in this user manual.





Function keys

















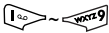




- When any key is pressed, the phone will provide aural feedback through keypad tones. To activate or cancel this aural feedback, press  to enter the **Profiles** menu from the standby screen.

Scroll to the profile currently in use and press  (**Edit**), then select **Keypad Tone**. You can also go to **Settings > Audio > Keypad Tone** to turn the aural feedback on or off.













- After turning the phone on, press any key to activate keypad and display backlighting. To turn the backlighting on or off, and to set the duration of backlighting, go to **Settings > Display > keypad Backlight**. See page 123.

| Key | Commands and functions |
|---|---|
|  | <p>Power on/off key</p> <ul style="list-style-type: none"> • Long-press to turn the phone on or off. • Press this key to reject incoming calls or cancel a call being dialed. • Press this key to delete all digits entered and return to the standby screen. |
|  | <p>Send/Answer key</p> <ul style="list-style-type: none"> • Press to send or answer a call. • Long-press and your phone will automatically call the last number dialed. • Press to access the list of last missed/dialed/received calls. |
|  | <p>OK key</p> <ul style="list-style-type: none"> • Press to open up the main menu. |
|  | <p>Left soft key</p> <ul style="list-style-type: none"> • Press to access the Phone Book (when PBook is shown). • Press to save the phone number keyed in from the standby screen to the Phone Book (when Save is shown). |

| Key | Commands and functions |
|---|--|
|  | <p>Right soft key</p> <ul style="list-style-type: none"> • Press this key to open the Games menu (when Games is shown). For details on the Games menu, see page 78. • Press this key to delete entered digits one by one; long-press to delete all digits entered (when Clear is shown). • Long-press to turn the silent profile on or off. |
|  | <p>Camera key</p> <ul style="list-style-type: none"> • Press to use the camera function. |
|  | <p>Scroll key</p> <ul style="list-style-type: none"> • Press  to enter the menu for function and phone number shortcuts. For information about the Shortcuts menu, see page 52. • Press  to retrieve photos stored in the Album menu. For details, see page 47, "Using the Album". • Press  to edit a new message. For details, see page 59. • Press  to enter the Profiles menu. For details, page 49, "Profiles". • When the camera is activated, press  /  to zoom in/zoom out the image. • Long-press  to activate voice dialing. • Long-press  to activate the voice memo function. |


| Key | Commands and functions |
|---|--|
|  | <p>Asterisk key</p> <ul style="list-style-type: none"> • Press this key to enter an asterisk " * " . • To make an international call, long-press this key until the display shows "+", Then enter the recipient's country code, area code and phone number. |
|  | <p>Voicemail key</p> <ul style="list-style-type: none"> • Long-press to dial your voicemail number. |
|  | <p># key</p> <ul style="list-style-type: none"> • Press to enter "#". • For extensions: After entering a phone number, long-press to enter a "P" and then enter the extension number. |
|  | <p>Alphanumeric keys</p> <ul style="list-style-type: none"> • Press to enter digits in a phone number. • Shortcut key: Long-press a key to immediately access the function, or dial the number, that it represents. See page 52, "Shortcuts Menu". |
|  | <p>Volume key</p> <ul style="list-style-type: none"> • Long-press the upper or lower portion of this key, located on the left side of the phone, to adjust the ring tone volume. Press the upper portion of this key or  to increase the volume. Press the lower portion of this key or  to decrease the volume.  When there is an incoming call, long-press the upper portion of the volume key to reject the call; long-press the lower portion to turn off the ring tone. |


Alphanumeric keys

| Key | Digit | Key | Digit/Symbol/Function |
|---|-------|---|---|
|  | 1 |  | 7 |
|  | 2 |  | 8 |
|  | 3 |  | 9 |
|  | 4 |  | 0 |
|  | 5 |  | * + (long-press) |
|  | 6 |  | # P(long-press after entering a phone number) |

Menu Navigation

From the standby screen, press **OK** to bring up the main menu.

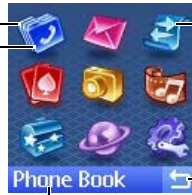
 For details on how to use the various functions listed in the menu, see page 83, "Menus".

 You can choose a display color for the menus by going to the menu **Settings > Display > Theme**. See page 121.

Main menu

The main menu icon to which you have scrolled will be displayed as an animation.

Press **OK** to enter the sub-menu represented by the animated icon.

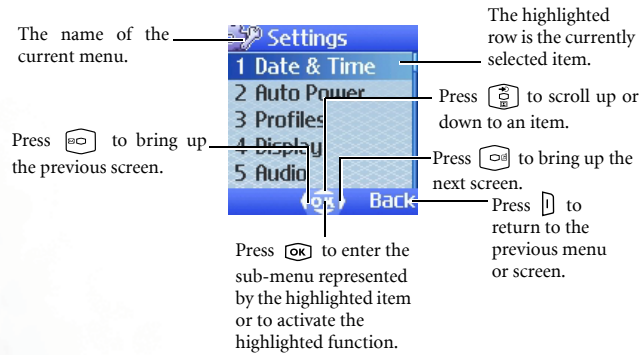


Each icon represents a sub-menu.

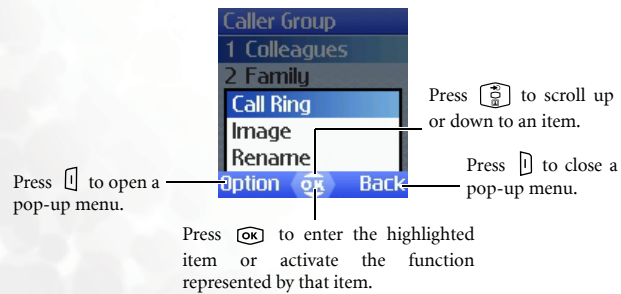
Indicates that pressing **D** will return the display to the standby screen.

The name of the main menu icon you have scrolled to.


Sub-menus





Pop-up menus






Turning a function on or off

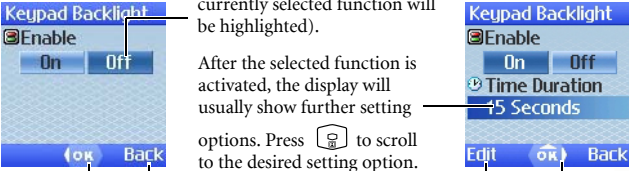
Press  to turn the selected function on or off (the currently selected function will be highlighted).

After the selected function is activated, the display will usually show further setting options. Press  to scroll to the desired setting option.

Press  to cancel and return to the previous screen.











Press  to confirm the setting.

Press  or  to edit the setting.






Menu navigation through number shortcuts

The example given below demonstrates how to change the language setting by the menu number shortcuts.


1. In the standby mode, press  to bring up the main menu.
2. The location of items in the main menu corresponds to the position of the  to  keys in the alphanumeric keypad. Thus, pressing  will bring up the **Settings** menu.
3. In the **Settings** menu, the alphanumeric keys  to  represent menu items 1 to 10. Since **Language** is item number 10 in the **Settings** menu, pressing  will bring up the **Language** sub-menu.
4. Press the alphanumeric key that corresponds to the language you wish to select, as it is listed in the Language sub-menu. For example, if you wish to set English as the display language, press  .
5. Press  (**Back**) repeatedly or press  once to return to the standby screen.



Using Your Phone




Making a Phone Call

Open the flip and enter the desired number using the alphanumeric keys  to . Press  to dial your call.

Ending a Phone Call

Press  or close the flip to end a call. The display will show the total call time, and then return to the standby screen.

 To cancel a call that is being dialed, press  or close the flip.


 If the flip function has not been activated, you cannot end a call or cancel dialing by closing the flip. To activate or cancel the flip function, press  to enter the **Profiles** menu. Scroll to the profile currently in use and press  (**Edit**). Selecting **Answer Mode > Flip Answer** will turn the flip on; selecting **Answer Mode > Send Key** or **Any Key** will turn the flip off.

Answering a Phone Call




When a call is received, your phone rings or vibrates, with the display showing the caller's number (if supported by your network vendor). If the caller is a contact stored in the Phone Book, the phone will show the name recorded in the Phone Book.





- If the caller is a member of a caller group, the ring tone assigned to this group will sound. The display will show the animation/image that is associated with this group as well, to help you identify the caller.
- If you have designated a particular ring tone and animation/image for the caller, the phone will sound that ring tone and display that animation/image, regardless of which caller group that caller belongs to.
- For information on setting up a caller group, ring tone and animation/image for contacts in the Phone Book, see page 32, "Adding Contacts to the Phone Book".

If the flip is closed, opening it will allow you to answer the call; if the flip is already open, press  to answer the call.




To change the answering mode, press  from the standby screen to open the **Settings** menu. Scroll to the profile currently in use and press  (**Edit**). Selecting **Answer Mode > Flip Answer** will turn the flip on; selecting **Answer Mode > Send Key** or **Any Key** will turn the flip off and enable you to press  or any key to answer a call.

Rejecting an Incoming Call



- Regardless of whether the flip is open or closed, you can reject an incoming call by long-pressing the upper portion of the volume key  on the left side of the phone.
- When the flip is open, you can reject an incoming call by closing the flip or pressing .

Turning Off the Ring Tone for an Incoming Call


Regardless of whether the flip is open or closed, you can temporarily mute the ring tone for an incoming call to avoid disturbing others. To

do this, long-press the lower portion of the volume key  on the left side of the phone. After the ring tone has been turned off, you can still open the flip to answer the call.



Making an International Call

1. Enter the outgoing international call code, or long-press  until "+" appears on the display.
2. Enter the recipient's country code, area code and phone number.
Dial the call by pressing .


Making an Emergency Call

To call emergency services, enter 112 (the international emergency number) and then press  to dial the call. You can make an emergency call even if your phone is locked or cannot access your network, or there is no SIM card inserted, so long as you are within range of a network of the type supported by your phone.

Dialing an Extension Number


After you enter a telephone number, long-press . The phone display will show "P". At this point, you can enter the desired extension number, and then press  to dial it.

Speed Dialing



 You must assign a number key as the shortcut for a particular phone number in order to use speed dialing for that phone number. For information on how to set up a shortcut, see page 52, "Shortcuts Menu".


After you have assigned a number key to serve as the shortcut key for a particular phone number, you can long press this key when the phone is in the standby mode to dial the corresponding phone number.

Voice Dialing



1. In the standby mode, long-press .
2. After a beep, when the display shows the "Recording..." screen, you can speak the voice dialing prompt for the number you wish to dial. Once the phone has correctly identified the contact associated with this voice dialing prompt, two situations may occur:


- a. If there is only one phone number stored for the contact identified, your phone will automatically dial this number.
- b. If there are two or more phone numbers stored for the contact identified, the display will show the contact's Phone Book data.

You can then scroll to the number you wish to dial, pressing  or  to make the call.

 To use voice dialing to make a call, you must have stored a voice dialing prompt for the desired number in Phone Book. For details, see page 32, "Adding Contacts to the Phone Book".

Listening to Voicemails


When your voicemail inbox contains new voicemails, your network vendor will send a text message notifying you that you have new voicemails (if the network vendor supports it, the icons  and  will be shown in the external and main display's status bars, respectively).

Long-press  to directly dial the voicemail phone number and listen to your voicemails.






Phone Book

Adding Contacts to the Phone Book


The Phone Book will have different formats and data headings depending on whether you have chosen to use a phone book stored on your SIM card or in your phone's memory.


 The phone book in your phone's memory can store up to 500 contacts. The capacity of a phone book on your SIM card depends on the particular service provided by your network vendor.

SIM card Phone Book

1. From the standby screen, enter the phone number to store, then press  (**Save**).
2. Press  to scroll to the contact data field that you wish to edit. Press  (**Edit**),  or simply begin keying in data to enter and edit the currently selected field. After completing data entry and settings, press  to store the data for this contact.

The data fields provided by a SIM card phone book are as follows:


 The contact's name.

 The contact's mobile phone number.


Used to select a caller group for the contact.


When there is an incoming call from this contact, the ring tone assigned to this group will sound and the display will show the image associated with the group.





 To set a ring tone and image for each caller group, go to the menu **Phone Book > Caller Group**. See page 84.

Phone Book in the phone's memory


1. In the standby screen, enter the phone number you wish to store, and then press  (**Save**). The display will show the default data fields for a new contact.




2. In the contact data screen, scroll to the data field that you wish to edit, and then press  (**Option**) to bring up a pop-up menu. You can then use the following options with the contact data:

- **Edit:** Edit the information in the selected field.







 In the contact data screen, press  or begin entering data to directly edit the data in the currently selected field.


- **Change Type:** Change the category of the phone number (for example, from **Mobile Number** to **Home Number**). This option can only be used in the phone number data field.
- **Add New Field:** Adds other data fields for a contact.
- **Delete Field:** Removes the selected data field.









3. After completing the data for the various fields, you must press  in order for the contact's data to be stored in the Phone Book.








 If you do not wish to save a modified Phone Book record, press  or  (**Back**) to abort.

- The default data fields for a contact are as follows:


| | |
|---|---|
|  | The contact's name. |
|  | The contact's mobile phone number. |
|  | The contact's home phone number. |
|  | The contact's e-mail address. |
|  | Used to assign a contact to a caller group. |
|  | Used to assign a voice dialing prompt to a phone number. After the beep, speak the contact's name into the microphone. After it is successfully recorded, the phone will play back this voice dialing prompt. |

- In addition to the contact data fields described above, you can also add the data fields listed below by pressing  (**Option**) when the Phone Book screen is visible and then selecting **Add New Field**.




| | |
|---|-------------------------------------|
|  | The contact's mobile phone number. |
|  | The contact's home phone number. |
|  | The contact's office phone number. |
|  | Other phone number for the contact. |
|  | The contact's home address. |
|  | The contact's office address. |
|  | The contact's company name. |
|  | The contact's department name. |


| | |
|---|---|
|  | The contact's job title. |
|  | Used for notes about the contact. |
|  | Used to mark dates of special significance associated with the contact. |
|  | Used to set a ring tone for the contact. When there is an incoming call from the contact, the phone will play this ring tone. |
|  | A ring tone set in this field will replace the one associated with the contact's caller group, if any. |
|  | Used to set the photo that will appear on the phone's display when there is an incoming call from the contact. |
|  | The photo set in this field will replace the animation/image associated with the contact's caller group, if any. |

Finding Contacts in the Phone Book







In the standby mode, press  (**PBook**) to display contacts stored in the Phone Book.





There are two ways to locate a specific contact in the Phone Book:

- Press  to scroll through the names (listed in alphabetical order) until the one you want is highlighted.
- Press the alphanumeric key that corresponds to the first letter of the name you wish to locate the appropriate number of times. For instance, if the name starts with "K", you would press  twice for "K". The names starting with "K" will appear, with the first one highlighted. Press  to scroll to the name you want.

 You can also go to the menu **Phone Book > Find**, and then enter the full name or the first letter of the name to locate a contact.





When the desired contact's name is highlighted, you can do one of the following:




- Press  to dial the first phone number saved in that contact.
 - Press  (**Option**) to bring up a pop-up menu, which contains the following items:
 - **Edit:** Edit the Phone Book data for this contact.
 - **Copy to SIM (Phone):** If you are currently using a phone book stored in the phone's memory, you can copy the contact's data to the phone book stored on your SIM card. Conversely, if you are currently using a phone book stored on your SIM card, you can copy the contact's data to the phone book stored in the phone's memory.
-  The only information that can be copied from a phone book stored in the phone's memory to the one on your SIM card is a contact's name, phone number, and caller group. If a contact has more than one phone number associated with it, when that contact's data is copied from the phone to the SIM card's phone book, each phone number will be stored as separate contact.
- **Delete:** Erases the contact's data from the Phone Book.
 - **Send vCard:** Attaches the contact's data to a message and send it to others. For details on writing and sending a message, see page 59.
- Press  to show the information in all data fields for that contact. You can then perform the following tasks:
 - Scroll to the number that you wish to dial, and then press  or .

- Scroll to the desired data field. If the complete contents cannot be displayed on the screen, press  to display the complete contents (if the data field is for a voice dialing prompt , you can press  to play the sound of this voice dialing prompt.
- Press  (**Option**) to bring up a pop-up menu that contains the following items:
 - **Edit:** Used to edit the Phone Book data for this contact.
 - **Copy to SIM (Phone):** If you are currently using a phone book stored in the phone's memory, you can copy the contact's data to the phone book stored on your SIM card. Conversely, if you are currently using a phone book stored on your SIM card, you can copy the contact's data to the phone book stored in the phone's memory.
 - **Delete:** Erases the contact's data from the Phone Book.
 - **Call:** Dial the currently highlighted number.

Last Missed, Dialed, and Received Calls

There are two ways you can view the last missed, dialed, and received calls on your phone, as well as information on their date and time:




1. If there have been any missed calls, the display will show a missed call message along with the number of calls that were missed. Press  (**View**), and then press  to scroll to the desired phone number.
2. In the standby mode, press  to view the list of the most recent missed, dialed, and received calls. Press  to scroll to the desired phone number.

☞ The icon  will appear beside missed calls; the icon  will appear beside dialed calls; the icon  will appear beside received calls.

☞ If a phone number has already been stored in the information for a contact in the Phone Book, the display will show the name of this contact.

☞ If a call for the same number has been missed, dialed, or received two or more times, a note such as "x02" will appear beside the record of the call to show the number of times it was missed, dialed, or received.


When the number for a missed, dialed, or received call is highlighted, you can perform the following tasks:

- Press  to re-dial the number.
- Press  (**Option**) to decide how to manage the number using the available options.
- Press  to display the details on this call.



Operations During a Call

The following options marked with an asterisk (*) are dependent on network support and may require a subscription.







Adjusting the Earpiece Volume

During a call, you can press the volume key  on the left side of the phone to adjust call volume.


Mute

Press  (**Mute**) to turn off the microphone. The person on the other end of the line will not be able to hear your voice. To restore the microphone's function, press  (**Unmute**).

Putting a Call on Hold*






1. When the only call is active:
 - a. Press  (**Hold**) to hold this call.
 - b. Press  to end this call.
2. When the only call is on hold:
 - a. Press  (**Unhold**) to resume the call.
 - b. Press  to end this call.
3. When there is an active call and a call on hold.
 - a. Press  (**Swap**) to resume the call that is on hold, and put the active call on hold.
 - b. Press  to show on the display a list of calls that you can end.

Making a Second Call*




Enter a phone number, or select one from the phone number or call record, and then press  to dial it. The currently active call will automatically be placed on hold. However, if there is already one active call and another on hold, this action will fail.

Call Waiting*

If there is an incoming call while you are on the phone, a tone will sound through the earpiece and the display will show that a second call is currently waiting. You can handle the waiting call and currently active call in the following ways:

1. Answer the waiting call: Press  The currently active call will automatically be placed on hold. However, if there is already another call on hold, a menu will appear on the display allowing you to select a call to end and then answer the waiting call.
2. Reject the waiting call: Press  or  (**End**). Pressing  (**End**) will immediately reject the waiting call; pressing  will bring up a menu on the display that you can use to select a call to end.

Call Menu

If you press  during a call, it will bring up the call menu. Press  (**Back**) to return to the pervious menu; press  to return directly to the call menu.

Items marked with an asterisk (*) depend on network support and may require a subscription.

Phone Book


Accesses data in the Phone Book. For details, see page 32, "Phone Book".

Calls

Allows you to view information on missed, received, and dialed calls. See page 37, "Last Missed, Dialed, and Received Calls".

Conference*

Conference calls allow you to converse with more than one party at a time. The conference menu contains the following options:

 The maximum number of parties that can be accommodated during a conference call depends on the particular service provided by a network vendor.

Hold/Unhold/Swap*

Toggles the call status.

Join/Private


Adds a party that is on hold to the current conference call, or isolates a single party in a conference call and puts all other parties on hold.

Forward

Allows two parties to connect, while ending one's own call (one of the two parties may be involved in an active call while the other is either on hold or being dialed), so as to allow the two parties to have their own call.

Send DTMF

When the phone is connected with other devices or services, you can send DTMF (Dual Tone Modulation Frequency) strings. DTMF strings are keypad tones that can be sent via the microphone as you dial another number. Your phone will emit the tones in order to communicate with answering machines, pagers, computerized telephone services, and so forth.

Enter the phone number and then press  to send the DTMF string.

End Call

End All

Ends all calls, whether active or on hold.

End Active

Ends only the active call.

End Hold

Ends only a call or calls on hold.

End One

Ends only a single call.

Hold/Unhold/Swap

Toggles the call status.

Mute/Unmute

Activates/cancels the silent mode.

Messages

Enters the SMS (Short Message Service — i.e. text message) menu. For details on the SMS menu, see page 57, "Messages Menu".


Calculator





Allows you to use the calculator. For information about the calculator, see page 105.


STK

Brings up the menu for the STK (SIM Toolkit) services provided by your network vendor.

Using the Silent Profile

From the standby screen, you can long-press  to activate the Silent profile. Once it is activated, the phone will alert you to an incoming call by vibrating with no ring tone.



- When you long-press  to activate the Silent profile, the phone will vibrate for one second. The icon  will appear in the main display's status bar (the external display will show ) to remind you that your phone is currently using the Silent profile.
- To cancel the Silent profile and restore the previously active vibrant and ring tone settings, long-press .

 This feature is very convenient for switching to the Silent profile during, say, a meeting to avoid the disruption caused by a ring tone.

Camera Function



Taking a photo


Your phone's camera enables you to take photos to use as wallpapers for the phone's main display, photo caller ID images, or send them through MMS.

1. Press  from the standby screen or choose the menu **Camera > Camera** to bring up the view finder.
2. Press  (**Option**) to make the following settings for the camera:

- **Resolution:** Sets the desired resolution for photographing. You have the following resolution values to choose from:

| Represented Resolution |
|------------------------|
| 640 x 480 |
| 320 x 240 |
| 160 x 120 |
| 80 x 60 |

- **Light Condition:** Based on the light conditions of the environment selected in this option, the camera will automatically adjust the its color balance in order for you to take best-quality pictures.
 - **Free Space:** Shows the amount of remaining available memory for storing photos.
3. Press  (**Back**) to return to the view finder screen.
 4. To zoom in/zoom out, press .

 Not available when resolution is set to 640 x 480.

5. When your object is in focus, press **OK** to photograph the object. Its photo will then show up on the main display.




Please note the following while shooting photos

- The camera does not have a flash. Please take photos in a well-lit area.
- When taking photos, do not block or touch the camera lens on the back of the phone.
- Always photograph your object with the source of light behind you.
- Do not shake the phone when taking photos.
- Please be sure that the lens is perfectly clean before taking photos. Use a soft cloth to wipe the lens if it is not clean.

6. The phone will automatically save this photo to the menu: **Media Center > Album**. If you are not satisfied with this photo, press **D** (**Delete**) to take a new photo. After a photo is saved to the phone's memory, you can press **O** (**Option**) to manage this photo using the available options:

- **Send Photo:** This option enables you to send this photo to others through MMS. For details on using the MMS function, see page 61.
- **Set to Wallpaper:** Designates this photo as the wallpaper for the main display's standby screen. See page 47 and page 121.
- **Set to Phonebook:** You can use this photo as a phone book contact's visual caller ID. When there is an incoming call from that contact, the phone's display will show this photo.
 - **New Entry:** Enables you to create a new contact in the Phone Book using the photo as their caller ID.

- **Exist Entry:** Uses this photo as an existing contact's caller ID. Select the contact you want and press **OK** to attach the photo to that contact.

 This function is only available for contacts saved in the phone memory's phone book. Please go to the menu: **Phone Book > Database** to select the Phone Book for use.


- **Rename:** Give this photo a new file name.
- **Details:** Shows the photo's name, date, resolution, and file size.

Shooting a video

1. Go to the menu: **Camera > Video** to activate the video mode.
2. Press **OK** to start shooting a video.
3. Press **OK** to stop recording.
4. Press **OK** to playback the recorded video; press **OK** again to stop playback.
5. Press **U** (**Save**) to save the video the menu: **Media Center > Videos**; pressing **D** (**Delete**) will delete the recorded video.

Using the Album






From the standby screen press  to enter the Album menu.





 You can also access the Album menu by choosing **Media Center > Album**.

Photos taken using the phone's digital camera are stored in this menu. After entering this menu, the two most recently saved photos will be displayed on the left of the screen as thumbnails (i.e. small miniature versions of photos), and the top of the screen will display the file name of the currently highlighted photo thumbnail. On the right of each photo thumbnail you will see the following information associated with the photo:


- The date when the photo was taken, shown as "yyyy.mm.dd".
- The photo's resolution, shown as "width x height".
- The photo's file size, shown as "xxx KB".

Steps for handling photos are as follows:



1. Press  to scroll to the photo thumbnail you need.
2. Press  to display the photo in full screen. Press  to show the next/previous photo.
3. When the display shows photo thumbnails, or after you press  to display a photo in full screen, you can press  (**Option**) to perform the following tasks:
 - **Send Photo:** This option enables you to send the selected photo to others through MMS. For details on using the MMS function, see page 61.
 - **Delete:** Deletes the selected photo.
 - **Effect:** Enables you to apply a special effect to your photo to create an artistic style.

- **Adjust:** Enables you to adjust your photo's brightness, contrast, Saturation, etc. Press  to select the desired setting item and press  adjust the setting.
 - **Set to Wallpaper:** Designates this photo as the wallpaper for the main display's standby screen.
 - **Set to Phonebook:** You can use this photo as a Phone Book contact's visual caller ID. When there is an incoming call from that contact, the phone's display will show this photo.
 - **New Entry:** Enables you to create a new contact in the Phone Book using this photo as the new contact's caller ID.
 - **Exist Entry:** Uses this photo as an existing contact's caller ID. Select the contact you want and press  to attach the photo to that contact.
-  This function is only available for contacts saved in the phone memory's Phone Book. Please go to the menu: **Phone Book > Activate** to select the Phone Book for use.
- **Rename:** Give the photo a new file name.
 - **Delete All:** Deletes all of the photos stored in the Album menu. (this option is only available when the screen shows photo thumbnails).
 - **Details:** Shows the photo's name, date, resolution, and file size. (this option is only available when the screen shows photo in full screen).

Profiles

From the standby screen, press  to enter the **Profiles** menu.

A profile is a group of settings that determine whether the phone will alert you to incoming calls through a ring tone or a vibrating alert, and how ring tones in general are used on the phone. These settings allow the phone's operation to best suit the environment you are in.

1. Press  to scroll to the desired profile and then press  to activate this profile. You can choose from among the following profiles:

Normal

This is the default profile.

Meeting

The options in this profile have been preset to suit a meeting environment (for example, only a vibrating alert is used, with no audible ring tone and no keypad tones).

Outdoors


The options in this profile have been preset to suit an outdoor activity (for example, use of the highest ring tone volume, activation of both ring tone and vibrating alerts, and use of keypad tones).

Handsfree

This profile is only active when a hands-free kit is attached to the phone.


Airplane



When you are on a plane, you can select this profile to turn off the phone. Once this profile is activated, the phone will automatically be powered off, and all alarms will be suspended.

If the phone is turned off by long-pressing , the alarms will still turn the phone at the appointed times.

Personal

You can use this profile as a group of custom settings, and rename the profile if desired. If however you have renamed this profile, the name you chose will appear on the standby screens.

 The default profile name "Personal" or the name you give to this profile will only appear on the external display when the phone's flip is opened.

2. Press  to scroll to the desired profile, and then press  (**Edit**) to modify the settings listed below and adjust the profile to suit a particular environment.


Vibrate & Ring Alert

Includes the following setting options:

- **Standard:** When there is an incoming call, the phone will use both a vibrating alert and a ring tone.
- **Rhythmic:** When there's an incoming call, the phone will use both a vibrating alert and a ring tone. The vibrating and keypad backlight will be running rhythmically according to the ring tone's beat.
- **Vibrate then Ring:** When there is an incoming call, the phone will first use a vibrating alert and then a ring tone.
- **Ring Only:** When there is an incoming call, the phone will use a ring tone but no vibrating alert.

- **Vibrate Only:** When there is an incoming call, the phone will use a vibrating alert but no ring tone.

Call Ring

Scroll to the desired ring tone, and then press  to confirm your selection.

Message Tone

The ring tone that your phone uses when a message is received.

Alarm Tone

The ring tone used by the Alarm Clock.


Calendar Tone

The ring tone used for Calendar events for which you have set an alarm.




Keypad Tone

Determines whether keypad tones are played when keys are pressed.

Ring Volume

Press  to adjust the ring tone volume or mute the ring tone.

Answer Mode

- **Send Key:** Allows incoming calls to be answered only by pressing .
- **Any Key:** Allows any key except  to be used to answer an incoming call. In this mode,  is used to reject an incoming call, and not to answer.


- **Flip Answer:** Allows incoming calls to be answered by opening the flip.

Rename

Allows you to provide a new name for the profile (only available for the **Personal** profile).

Restore


Returns the above settings for the profile to their factory default values.

 Requires entry of the phone password, whose default value is 1234.



Shortcuts Menu


You can use the **Shortcuts** menu to assign 9 alphanumeric keys as shortcuts to commonly used functions or frequently dialed numbers. (The screen will show preset shortcuts, if any.)




Entering the Shortcuts Menu


From the standby screen, press  to enter the **Shortcuts** menu. The numbers 1 to 9 displayed in the menu's default screen represent the corresponding 9 alphanumeric keys on the phone.

Setting Function Shortcuts




1. In the **Shortcuts** menu, press  to move the selection box to the number key you wish to use as a shortcut key. You can also press the actual alphanumeric key to select it.
2. Press  (**Option**) to bring up a pop-up menu, and select **Add Function**.

3. From the **Add Function** menu, select the function to be represented by the shortcut key, and then press . Alternatively, you can press a corresponding alphanumeric key to select the function you want.
4. Repeat the above step to add or modify function shortcut key assignments.

 To cancel a shortcut key and restore the key's original function, use  to move the selection box to the icon for the shortcut key that you wish to cancel, and then press  (**Option**). Select **Delete** to cancel the shortcut.








 If you select **Delete All**, all shortcut settings will be cancelled.

Setting Phone Number Shortcuts

1. After selecting the shortcut key, press  (**Option**) to bring up a pop-up menu, and select **Add Phone**.
2. From the Phone Book, select a contact and press .
3. Next, from the list of phone numbers for this contact, select the one that you wish to access through the shortcut key, and then press .
4. After you have set the shortcut key, the number icon for the key will be replaced by an icon representing a phone number shortcut. The upper part of the screen will display the name of the contact to whom the phone number accessible by the shortcut key belongs.
5. Repeat the above step to add or modify a phone number shortcut.


Using Function and Phone Number Shortcuts

There are two ways to use shortcuts:

1. From the standby screen, long-press  to  to access the function represented by that key or dial the number it represents.
2. From the standby screen, press  to enter the **Shortcuts** menu. You can then:
 - a. Press  to move the selection box to the icon corresponding to the desired key. Then press  to access the assigned function or dial the assigned phone number.
 - b. Press the corresponding key  to  to access the function represented by that key or dial the number it represents.

Input Modes


Changing the Text Input Mode


When the display shows the editing screen, you will be able to see the name of the current text input mode in the upper right corner of the screen. Press  to change the input mode.


The text input mode currently in use





The input mode icons (names) that may appear in the upper right corner of the screen represent the following input modes:


 Uppercase letters input mode.

 Lowercase letters input mode.

 iTap (predictive input mode) for uppercase letters.

 iTap (predictive input mode) for lowercase letters.






 Numeric input mode (123).

 You can set the default input mode to the one you most frequently use. Go the menu **Settings > Input**. See page 133.

Letter Input Mode (ABC)



In this mode, press the key containing the desired letter repeatedly to scroll through the available characters in order until it is reached.

How to use the letter input mode

- You must press the key corresponding to the desired letter the correct number of times in order to enter the letter you want. Display letters for entry according to the order shown on each key. Pressing a key once will display the first letter listed on the key, while pressing it twice will display the second letter, and so on.
- Press  to enter a space before beginning a new word.
- While entering text, press  to move the cursor left or right; press  to move the cursor up or down. Press  once to delete a character; long-press  to delete all entered content.

Numeric Input Mode (123)



The numeric input mode allows you to use the alphanumeric keys

 to  to enter numbers.

Predictive Input Mode (iTap)







iTap analyzes letters as they being inputted, making intelligent predictions about the words you are attempting to enter, and speeding up text entry.







How to use iTap

- Press once the alphanumeric key corresponding to the first letter of the word you wish to enter without considering where that letter falls in the sequence of characters available through that key. Then press the key corresponding to the second letter, and so forth. The phone will predict which word you wish to enter based on the set of keys you have pressed. The predicted word will be shown in the lower left portion of the screen. This word may change as you continue to press other keys; therefore, before you have entered a complete word, you do not need to worry if the displayed word does not yet match the word you intend to enter.
- After pressing keys for a complete word, if the displayed word does not match the one you intended to enter, press  to view other candidate words and locate the desired word.
- Once the correct word is displayed on the screen, press  to enter this word. A space will automatically be inserted after the word.




Example of iTap in use

To enter "COME HOME" in the message editing screen using iTap, use the following steps:

1. Press  to switch to iTap for uppercase letters (ITAP).
2. Press     to select C, O, M, E.
3. Press  to enter "COME" as text. A space will automatically be inserted after "COME".

4. Press     to enter "HOME".
5. Since "GOOD" is not the word that you wish to enter, press  to display the next candidate word, "HOME".
6. Press  to place "HOME" into the message.

Symbol Input Mode



When editing messages, press  to open the symbols field along the bottom of the screen. Use  to move the selection box to the symbol you wish to enter, and then press  to place it in the message text.



Messages Menu

Besides SMS (Short Messaging Service) and EMS (Enhanced Messaging Service), your phone also supports MMS (Multimedia Messaging service). EMS allows you to insert simple graphics and ring tones in your message, while MMS enables you to send photos, colored images and music using your phone.

In the main menu, select  to open the **Messages** menu.

Additional information about messaging



- Memory for storing messages is divided between SIM card memory and the phone's own memory. In the first level of the **Messages** menu, except for the **SIM Folder** option, messages saved in **Inbox**, **Outbox**, and **Drafts** are all stored in the phone's memory.
- When a new message is received, or when there are unread messages in the phone's or SIM card's memory, the  icon will appear in the external display's status bar; the main display will show the  icon in its status bar to remind you that you have unread messages.


- When a message has arrived, it will be saved either to the the phone's memory or to your SIM card's memory, depending on the preferred memory you have selected in the menu: **Messages > Settings > SMS > Save Msg To** (See page 73). Messages saved to the phone's memory will be stored in the menu: **Messages > Inbox**; messages saved to your SIM card's memory will be stored in the menu: **Messages > SIM Folder > Inbox**.
- If the phone's memory is already full, any new messages will remain stored in the SIM card's memory (in the menu **Messages > SIM Folder > Inbox**) until the SIM card's memory is itself full.
- If there is a flashing icon  on the external display, and the main display shows a red icon , this means that the SIM card's message memory is full. When the SIM card's memory is full, your phone will not be able to receive any new messages. If this has occurred, when you go to the **Messages** menu, the display will show a "SIM Full!" message to remind you of the current situation.
- If the number of messages stored in the phone's memory has reached 500, when you enter the **Messages** menu, the "Message Full!" screen will appear. If there is less than 1K remaining in the phone's memory, the "Memory Insufficient!" screen will appear. In either of these two situations, any messages received will be saved to the SIM card, and you will no longer be able to edit any messages.
- If there is less than 50K remaining in the phone's memory, you will no longer be able to edit any MMS messages; if the amount of the phone's remaining memory is less than that required to save an incoming MMS message, the phone will not be able to receive that message.
- In the **Messages** menu, the number (such as "(1)", "(3)") following the name of each message folder represents the number of messages saved in that folder.


New

SMS

1. Used to bring up the message editing screen so you can write a new SMS/EMS message. Use the alphanumeric keys to enter text.

 From the standby screen, you can press  to open this message editing screen directly.

 For information on how to use the input methods provided by the phone for writing messages, see page 54, "Input Modes".

2. When writing a message, press  (**Option**) to perform the following tasks:

- **Insert:** You can insert the following types of objects:
 - **Text:** This is a list of templates that can be used instead of entering all the characters individually. You can use the factory default templates or templates of your own that you previously saved to the list.

To create your own quick message templates, go to the menu **Messages > Templates > SMS Template**. See page 71.

- **Picture:** You can select an EMS icon from the EMS icon library to insert into your message.
- **Animation:** You can select an EMS animation from the EMS animation library to insert into your message.
- **Melodies:** You can select an EMS ring tone from the EMS ring tone library to insert into your message. The inserted ring tone will be displayed as a musical note within the message's text.