

# SGH-T469W

P O R T A B L E   3 G  
M O B I L E   P H O N E

User Manual

Please read this manual before operating your  
phone, and keep it for future reference.



## Intellectual Property

All Intellectual Property, as defined below, owned by or which is otherwise the property of Samsung or its respective suppliers relating to the SAMSUNG Phone, including but not limited to, accessories, parts, or software relating there to (the "Phone System"), is proprietary to Samsung and protected under federal laws, state laws, and international treaty provisions. Intellectual Property includes, but is not limited to, inventions (patentable or unpatentable), patents, trade secrets, copyrights, software, computer programs, and related documentation and other works of authorship. You may not infringe or otherwise violate the rights secured by the Intellectual Property. Moreover, you agree that you will not (and will not attempt to) modify, prepare derivative works of, reverse engineer, decompile, disassemble, or otherwise attempt to create source code from the software. No title to or ownership in the Intellectual Property is transferred to you. All applicable rights of the Intellectual Property shall remain with SAMSUNG and its suppliers.

©2009 Samsung Electronics Canada, Inc.

SAMSUNG is a registered trademark of Samsung Electronics Co., Ltd. and its related entities.

Do you have questions about your Samsung Mobile Phone?

For information and assistance, see:

<http://www.samsung.com>

T9 Text Input is licensed by Tegic Communications and is covered by U.S. Pat. 5,818,437; U.S. Pat. 5,953,541; U.S. Pat. 6,011,554 and other patents pending.

ACCESS<sup>®</sup> and NetFront<sup>™</sup> are trademarks or registered trademarks of ACCESS Co., Ltd. in Japan and other countries.

The Bluetooth<sup>®</sup> word mark, figure mark (stylized "B Design"), and combination mark (Bluetooth word mark and "B Design") are registered trademarks and are wholly owned by the Bluetooth SIG.

microSD<sup>™</sup> and the microSD logo are Trademarks of the SD Card Association.

Openwave<sup>®</sup> is a registered Trademark of Openwave, Inc.

## **Open Source Software**

Some software components of this product incorporate source code covered under GNU General Public License (GPL), GNU Lesser General Public License (LGPL), OpenSSL License, BSD License and other open source licenses. To obtain the source code covered under the open source licenses, please visit:

<http://www.samsungnetwork.com/Home/opensource>.

## **Disclaimer of Warranties; Exclusion of Liability**

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED ON THE WARRANTY PAGE ENCLOSED WITH THE PRODUCT, THE PURCHASER TAKES THE PRODUCT "AS IS", AND SAMSUNG MAKES NO EXPRESS OR IMPLIED WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE; THE DESIGN, CONDITION OR QUALITY OF THE PRODUCT; THE PERFORMANCE OF THE PRODUCT; THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO. NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS OR IMPLIED WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE OR USE OF THE PRODUCT OR ARISING FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS.



# Table of Contents

---

<b>Section 1: Important Safety Precautions</b>	<b>1</b>
Road Safety	1
Switch Off When Refueling	1
Switch Off in Aircraft	1
Switch Off in Hospitals	1
Special Regulations	1
Sensible Use	1
Emergency Call	1
Water Resistance	1
Accessories and Batteries	1
Qualified Service	2
<b>Section 2: Getting Started</b>	<b>3</b>
Activating Your Phone	3
Switching the Phone On or Off	8
Setting Up Your Voice Mail	8
<b>Section 3: Understanding Your Phone</b>	<b>10</b>
Features of Your Phone	10
Front View of Your Phone	11
Keys	11
Back View of Your Phone	13
Side Views of Your Phone	14
Display	14
Backlight time	17
<b>Section 4: Menu Navigation</b>	<b>19</b>
Menu Navigation	19
Selecting Functions and Options	21
<b>Section 5: Call Functions</b>	<b>23</b>
Making a Call	23
Adjusting the Call Volume	24
Answering a Call	25
Call history	25

Vibration profile .....	28
Options During a Call .....	28
<b>Section 6: Entering Text .....</b>	<b>33</b>
Using the QWERTY Keyboard .....	33
Changing the Text Input Mode .....	34
Using ABC mode .....	35
Using T9 Mode .....	37
Using Numeric Mode .....	38
Using Symbol Mode .....	38
<b>Section 7: People .....</b>	<b>39</b>
Using Contacts List .....	39
Finding a Contact Entry .....	39
Groups .....	41
Editing a Caller Group .....	42
Speed Dial .....	43
Management .....	43
My Number .....	45
Using the Service Dialing Numbers .....	45
<b>Section 8: Messages .....</b>	<b>46</b>
Types of Messages .....	46
Display Icons for Messages .....	46
Create and send a message .....	47
Inbox .....	49
Sentbox .....	51
Drafts .....	52
Templates .....	54
Settings .....	55
<b>Section 9: Media .....</b>	<b>59</b>
Photos .....	59
Music .....	61
Music Player .....	62
Images .....	63
Sounds .....	64
Videos .....	65

Games and Apps .....	66
Other files .....	67
Memory status .....	68
<b>Section 10: Changing Your Settings .....</b>	<b>69</b>
Personalize .....	69
Display settings .....	70
Phone settings .....	73
Messaging key .....	76
Memory settings .....	76
Language .....	77
Greeting message .....	78
Time and Date .....	78
Bluetooth .....	79
Call settings .....	81
Advanced .....	85
Reset settings .....	85
<b>Section 11: Applications .....</b>	<b>87</b>
Alarm .....	87
Voice Recognition .....	89
Tasks .....	94
Memo .....	95
Calculator .....	96
Tip calculator .....	96
World Clock .....	96
Converter .....	97
Timer .....	98
Stopwatch .....	98
<b>Section 12: Browser .....</b>	<b>99</b>
Browser .....	99
<b>Section 13: Photos .....</b>	<b>104</b>
Camera .....	106
Camcorder .....	109
<b>Section 14: Calendar .....</b>	<b>113</b>
To Change the View .....	113

Calendar Options .....	113
Creating Calendar Entries .....	114
Event Options .....	115
Viewing a Calendar Entry .....	115
Missed Alarm Events .....	115
<b>Section 15: Health and Safety Information .....</b>	<b>117</b>
Exposure to Radio Frequency (RF) Signals .....	117
For Body Operation .....	118
Precautions When Using Batteries .....	118
Operating Environment .....	119
Electronic Devices .....	119
Potentially Explosive Environments .....	120
Emergency Calls .....	121
Other Important Safety Information .....	121
Care and Maintenance .....	122
FCC Notice .....	122
Appendix A: Certification Information (SAR) .....	123
Appendix B: Safe and Responsible Wireless Phone Use .....	124
Appendix C: Consumer Update on Wireless Phones .....	127
<b>Section 16: Warranty Information .....</b>	<b>133</b>
Standard Limited Warranty .....	133
<b>Index .....</b>	<b>137</b>



## **Section 1: Important Safety Precautions**

---

Please read these guidelines before using your wireless phone. Failure to comply with them may be dangerous or illegal.

### **Road Safety**

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

### **Switch Off When Refueling**

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

### **Switch Off in Aircraft**

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

### **Switch Off in Hospitals**

Switch your phone off near medical equipment. Follow any regulations or rules in force.


### **Special Regulations**

Follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger (for example, in a hospital).

### **Sensible Use**

Use the phone only in the normal position (held to the ear).

### **Emergency Call**

Ensure the phone is switched on and in service. Key in the emergency number for your present location, then press . You must deactivate any unnecessary features before you can make an emergency call. Give all the necessary information as accurately as possible. Do not end the call until given permission to do so.

### **Water Resistance**

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

### **Accessories and Batteries**

Use only Samsung-approved accessories and batteries. Use of any unauthorized accessories could damage your phone and may be dangerous.

## **Qualified Service**

Only qualified service personnel may repair your phone.

For more detailed safety information, see *"Health and Safety Information"* on page 117.

## Section 2: Getting Started

---

This section explains how to start using your phone by first configuring your hardware, activating your service, and then setting up your voice mail.

### Activating Your Phone


When you subscribe to a cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as your PIN, available optional services, and many others features.

### Installing the SIM Card

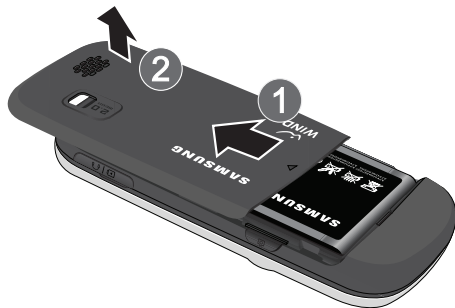
---

**Important!:** The plug-in SIM card and its contacts information can be easily damaged by scratching or bending, so be careful when handling, inserting, or removing the card. Keep all SIM cards out of reach of small children.

---

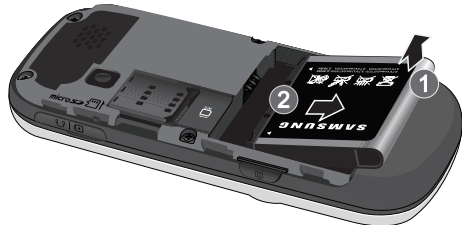
If necessary, switch off the phone by holding down the  key until the power-off image displays.

1. Remove the battery cover by sliding the battery cover in the direction of the arrow.

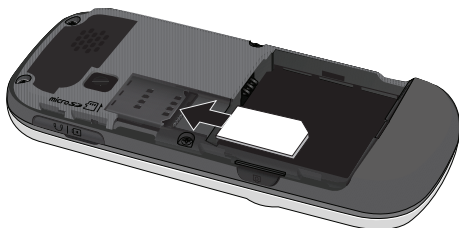


2. Carefully lift the battery cover away from the bottom of the phone.

3. Lift up and remove the battery.



4. Carefully slide the SIM card under the metal bracket and into the SIM card socket. Make sure that the card's gold contacts face into the phone and that the upper-left angled corner of the card is positioned as shown below.

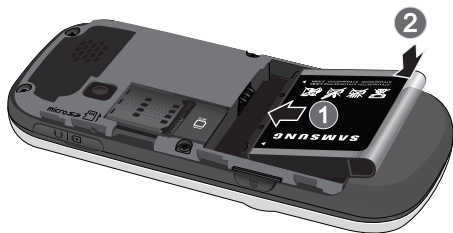


---

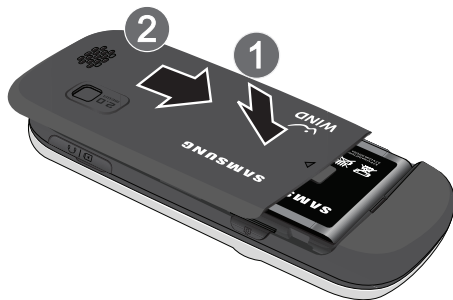
**Note:** If the card is not inserted correctly, the phone does not detect the SIM card. Remove the battery and re-orient the card back into the slot.

---

5. Replace the battery:
- Slide the battery back into the compartment so that the tabs on the end align with the slots at the bottom of the phone.
  - Press the battery down until it snaps into place.



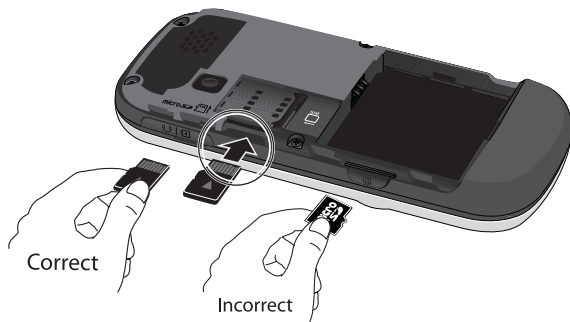
Reinstall the battery cover by sliding it back onto the phone until you hear it securely snap. Make sure the battery is properly installed before switching on the phone.



### ***Inserting the Memory Card***

1. Place the microSD card into the slot under the SIM card (as shown below). Ensure the microSD's gold contact pins face upward and the card is placed so that the indentations on the card face the same direction as those

illustrated.



### Removing the memory card

- Press in gently on the memory card with your thumbnail or finger until it releases from the slot and carefully remove the memory card.

---

**Note:** Your phone supports microSD cards of up to 16 GB capacity. Memory cards with over 16GB storage capacity have not been tested with this phone.

---

### Charging a Battery

Your phone is powered by a rechargeable Li-ion battery. A travel adapter, which is used for charging the battery, is included with your phone. Use only approved batteries and chargers. Ask your local Samsung dealer for further details.

You can use the phone while the battery is charging, but doing so requires additional charging time.

---

**Note:** You must fully charge the battery before using your phone for the first time. A discharged battery recharges fully in approximately four hours.

---

1. With the battery installed, gently remove the plastic cover on the right side of the phone and plug in the travel adapter's connector into the jack.

---

**Important!:** Verify that the handset battery is installed prior to connecting the travel adapter. If the battery is not installed and the travel adapter is connected the handset continuously power cycles and prevents proper operation.

---

2. Plug the adapter's power plug into a standard AC wall outlet.



---

**Note:** The previous illustration displays the **correct** and **incorrect** method for connecting the charger. If the charger is inserted incorrectly, damage to the accessory port occurs, voiding the phone's warranty.

---

3. When charging is finished, unplug the adapter's power plug from the AC wall outlet and then disconnect the travel adapter's connector from the phone.
4. Resecure the plastic cover over the interface jack on the phone.

---

**Warning!:** Failure to unplug the travel adapter before you remove the battery, can cause damage to the phone.

---

### **Low Battery Indicator**

When the battery is weak and only a few minutes of talk time remain, a warning tone sounds and the "Battery low" message repeats at regular intervals on the display. In this condition, your phone conserves its remaining battery power by dimming the backlight.



When the battery level becomes too low, the phone automatically turns off.

## Switching the Phone On or Off

---

**Warning!** The phone's touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty see "*Warranty Information*" on page 133..


---

1. Press and hold the  key until the phone switches on.
2. If the phone asks you to enter the phone password, use the keypad to enter this password and press either the **Confirm** soft key or .

---

**Note:** For more information, refer to "*Change phone password*" on page 75.

---


3. If the phone asks for a PIN, use the keypad to enter the PIN and press either the **Confirm** soft key or . For further details, see "*Check PIN code*" on page 75.

The phone searches for your network and after finding it, the message "WIND Home" displays on the bottom centre of your screen. Now you can make or receive calls.

---


**Note:** The display language is preset to Automatic at the factory.

---

4. When you wish to switch off the phone, press and hold  until the power-off image displays.

## Setting Up Your Voice Mail

For new users, follow the instructions below to set up voice mail:

1. In Idle mode, press and hold the  key on the keypad.  
You may be prompted to enter a password.
2. Follow the tutorial to create a password, a greeting, and your name.


---

**Note:** These steps may be different depending on your network.

---



## ***Accessing Your Voice Mail***

You can press and hold the  key on the keypad or use the phone's menu to access your voice mail. To access voice mail using the menu:

1. In Idle mode, press **Menu** → **Messaging** → **Voice mail**.  
Your phone dials the specified voice mail number.
2. When connected, follow the voice prompts from the voice mail center.

## Section 3: Understanding Your Phone

---

This section outlines some key features of your phone. It also explains the screen and the icons that display when the phone is in use.

### Features of Your Phone

Your phone is lightweight, easy-to-use and offers many significant features. The following list outlines a few of the features included in your phone.

- 2.0 Megapixel Camera with 12x Digital Zoom
- Bluetooth® Wireless Technology
- User friendly, menu driven access to features and options
- Text Messaging, Picture Messaging capability
- Sound/Image media capability
- Media feature provides photos, music, images, sounds, videos, games and apps, other files, and memory status.
- Applications feature provides calendar, alarm, voice recognition, tasks, memo, calculator, tip calculator, world clock, converter, timer, and stopwatch.

## Front View of Your Phone

The following illustrations show the main elements of your phone:



## Keys

The following list correlates to the illustrations.

1. **Earpiece** allows you to hear the other caller.
2. **Left Soft key** allows you to select soft key actions or menu items. The option for the soft key displays on the bottom, left portion of the screen.
3. **Send key** allows you to make or answer a call. In Idle mode, a short press displays Call history.

4. **Messaging key** allows you to program this key as a shortcut to your favorite messaging application. You can reprogram the key at any time.
5. **Voice mail key** allows you to quickly access your voice mail. Press and hold this key for two seconds to automatically dial your voice mail's phone number.
6. **Alphanumeric keys** allow you to enter numbers, letters, and some special characters.
7. **Special Function keys** allow you activate unique features while in Idle mode. In Idle mode, if you press and hold the \* key, the keypad locks. In Idle mode, if you press and hold the # key, you can turn Vibration Mode on and off.
8. **Microphone** is used during phone calls and allows callers to hear you when you are speaking to them. It is also used in making voice note recordings.
9. **Cancel/Clear key** in Menu mode, this key returns you to the previous menu level. In text editing mode, this key deletes characters.
10. **Power On/Off (Exit) key** ends a call. Press and hold this key for two seconds to turn your phone on or off. While in the Menu mode, it returns the phone to Idle mode and cancels your input.
11. **Right Soft key** allows you to select soft key actions or menu items. The option for the soft key displays on the bottom, right portion of the screen. In Idle mode it provides access to the WIND applications on your SIM card (contact your service provider for more information).
12. **OK (Select) key** allows you to accept the choices offered when navigating through a menu.
13. **Navigation key** scrolls through the phone's menu options and acts as a shortcut key from Idle mode.  
In Idle mode:
  - **Up key** allows you to directly access the Call history.
  - **Down key** allows you to directly access Contacts.
  - **Left key** allows you to create a new message.
  - **Right key** allows you to access your Inbox.
14. **Display** shows all the information needed to operate your phone, such as the received signal strength, phone battery level, and time.

This phone also offers the convenience of a slideout QWERTY keyboard. To open the phone to access the keyboard, rotate the phone 90 degrees to the left. Slide the top section of the phone up to open, as shown.



To view the display in landscape mode and access the keypad, slide the phone open as shown.

### **Back View of Your Phone**

The following illustration shows the back view of the phone.



1. **Camera lens** allows you to take pictures.
2. **Speaker** allows you to hear the camera sounds and music played on the phone.

## Side Views of Your Phone

The following illustrations show the external elements of your phone

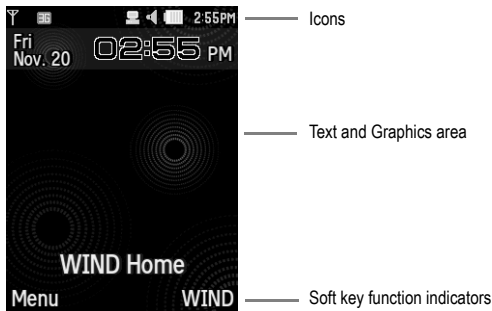


1. **Phone anchor** allows you to connect a strap with which to carry the phone.
2. **Volume keys** allow you to adjust the Ring volume in standby mode (with the phone open) or adjust the Speaker volume during a call. When receiving an incoming call, if you press the volume key, you can mute the ring tone. If you press and hold the volume key, you can reject the call.
3. **Power/Accessory Interface connector** allows you to connect a power cable or optional accessories, such as a USB/data cable or a hands-free headset.
4. **Camera key** allows you to take pictures when you are in camera mode. Launches the camera with a press.

## Display

### Display Layout

Your phone's display screen provides a wealth of information about your phone's status and options. The display has three areas:



Icons at the top of the display let you monitor activity and status of your phone such as signal strength, battery level, the type of incoming call or message, and alarms. The display also shows the current date and time.

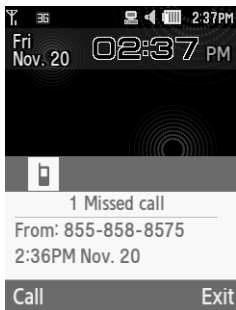
The Text and graphics area displays messages, menus, instructions and any information that you enter, such as the number you are dialing.

Soft key function indicators show the current functions assigned to the two soft keys.

## Missed Messages Tab

The receipt of new messages is indicated in two locations on the phone's screen: the New Messages Tab and in the icon bar at the top of the screen.

View Tabs for ———  
Missed Calls,  
Picture Messages,  
Voice Notes,  
or Audio Postcards.



## Icons

This list identifies the symbols you'll see on your phone's display screen:



Shows the received signal strength. The greater the number of bars, the stronger the signal.



Shows the level of your battery. The more bars you see, the more power remains.



Displays when your phone is connected to a PC.



Displays when a call is in progress.



Displays when the phone is not receiving a signal.



Displays when the phone is in Airplane mode.





Displays when Bluetooth wireless technology is active.



Displays when a new text message is received.



Displays when a new voice mail is received.



Displays when a new picture message is received.



Displays when you set an alarm to ring at a specified time. For more details, see “Alarm” on page 87.



Displays when the Call Forwarding feature is active. For more details, see “Call forwarding” on page 82.



Displays when sound profile is set to Normal.



Displays when Vibration Mode is active.



Displays when sound profile is set to Driving.




Displays when sound profile is set to Outdoor.





Displays when sound profile is set to Silent.

## Backlight time



A backlight illuminates the internal display and the keypad. When you press any key, the backlight comes on. It goes off when no keys are pressed within a given period of time, depending on the setting in the **Backlight time** menu.

▶ In Idle mode, press **Menu** → **Settings** → **Personalize** → **Display settings** → **Backlight time** and press .

The **On** setting is how long the keypad backlight is on at full brightness. You can select **5 seconds**, **15 seconds**, or **30 seconds**.

1. Highlight the **On** field and press .
2. Select the amount of time you want the backlight to stay on and press .

The **Dim** option selects an additional time that the backlight remains on at reduced brightness. You can select **Off**, **5 seconds**, **15 seconds**, or **30 seconds**.

1. Highlight the **Dim** field and press .
2. Select the amount of time you want the phone to delay before the phone dims and press .

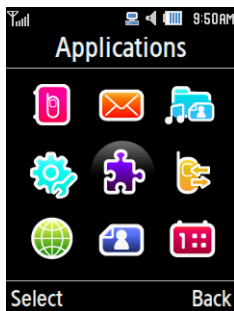
## Section 4: Menu Navigation

---





This section explains the menu navigation for your phone. It also includes an outline of all the available menus associated with your phone.

### Menu Navigation

You can tailor the phone's range of functions to your needs using menus and sub-menus. Menus and sub-menus can be accessed by scrolling using the Navigation keys or by using the shortcuts.



## Accessing a Menu Function by Scrolling

1. In Idle mode, press **Menu**.
2. Scroll using the Navigation keys to reach a main menu (for example: **Settings**). Press the **Select** soft key or  to enter the menu.
3. If the menu contains sub-menus, (for example, **Personalize**), after highlighting the sub menu, press the **Select** soft key or .  
If the menu you selected contains further options, repeat this step.
4. To scroll through the menus, press the **Up** or **Down** Navigation keys.
5. To confirm the chosen setting, press the **Select** soft key, or .
6. To return to the previous menu level, press the **Back** soft key.
7. To exit the menu without changing the settings, press .


## Using Shortcuts

The menu items, such as menus, sub-menus, and options, are numbered and can be accessed quickly by using their shortcut numbers. For the main menus, press the corresponding number keys (1 to 0) to access any one of the shortcuts.

---

**Example:** Accessing the **Security** menu.

---

1. Press the **Menu** soft key.
2. Press  for **Settings**.
3. Press  for **Personalize**.
4. Press  for **Phone settings**.
5. Press  for **Security**.

## Selecting Functions and Options

Your phone offers a set of customizable functions. These functions are arranged in menus and sub-menus, and accessed using the two soft keys. Each menu and sub-menu allows you to view and alter the settings of a particular function.



### Soft Keys

The roles of the soft keys vary depending on the function you are currently using. The labels on the bottom line of the display just above each key indicate their current role.



### Selecting Options

To view the various functions and options available, you must select the one you want by:

1. Pressing the appropriate soft key.
2. Selecting the displayed function or the highlighted option, by pressing the **Select** soft key or .
3. Viewing the next function or highlighting the next option on a list, by pressing the **Down** Navigation key.
4. Moving back to the previous function or option on a list, by pressing the **Up** key.
5. Moving back up one level in the menu structure, by pressing the **Back** soft key.
6. Pressing  to exit the menu structure without changing the settings.

In some functions, you are asked for a password or PIN. Enter the correct code and press the **Confirm** soft key or




When you access a list of options, your phone highlights the currently active option. If, however, there are only two options, such as **On/Off** or **Enable/Disable**, your phone highlights the option that is not currently active, so that you can select it.

## Section 5: Call Functions

---

This section describes how to make or answer a call. It also explains the features and functionality associated with making or answering a call.

### Making a Call



From the idle screen, enter the number you wish to dial and press .

---




**Note:** When you activate the **Auto redial** option in the **Auto redial** menu, the phone automatically redials up to 10 times when the person does not answer the call or is already on the phone, provided your call is not sent to voice mail.

---


### Making an International Call

1. Press and hold the  key. The + character displays.
2. Enter the country code, area code, and phone number.
3. Press  to make the call.

### Correcting the Number

1. Press  to clear the last digit displayed.
2. Press the **Left** or **Right** Navigation key until the cursor is immediately to the right of the digit to clear and then press  to clear any other digit in the number. You can also enter a missing digit.
3. Press and hold the  key to clear the entire display.


### Ending a Call

- Briefly press  when you want to end your call.


## **Redialing the Last Number**

The phone stores the numbers of the calls you've dialed, received, or missed.

To recall any of these numbers:

1. From the Idle screen, press the **Up Navigation** key to display a list of the most recent numbers used in the order calls were dialed or received.
2. Use the **Up** and **Down Navigation** keys to scroll through the numbers and highlight the number you want.
3. To view the details of this call, press .

Before you dial the number, you may also press the **Options** soft key to display the following options:

- **Details:** displays the details for the selected contact such as the contact name and phone number.
  - **Voice Call:** allows you to call the selected number.
  - **Copy to dialing screen:** copies the phone number to the dialing screen
  - **Save in Contacts:** saves the caller's name and number in Contacts (or updates an existing contact).
  - **Send message:** allows you to send a Message to the number.
  - **Delete:** allows you to delete the selected number or All call records.
  - **View contact details:** for numbers stored in Contacts, this option displays contact information related to the number.
4. Press  to dial the number.

## **Making a Call from the Phonebook**

You can store regularly used phone numbers into the phone's memory (Contacts).

Once you store a number in Contacts, you can press only a few key to dial the stored number. By using the Speed Dial feature you can also assign your most frequently-used numbers to number keys.

For further details on using Contacts, see *"Using Contacts List"* on page 39.

## **Adjusting the Call Volume**

During a call, use the Volume keys on the left side of the phone to adjust the speaker volume.

- ▶ Press the **Up volume** key to increase the volume level and the **Down volume** key to decrease the level.

In Idle mode, you can also adjust the ring volume using these keys.



---

**Important!** For safety information related to Call Volume, see “Appendix B: Safe and Responsible Wireless Phone Use” on page 124.


---

## Answering a Call

When somebody calls you, the phone rings and displays the incoming call image, if an image is stored in the phonebook. The caller's phone number, or name if stored in Phonebook, displays.


1. Press  or the **Accept** soft key to answer the incoming call.

---

**Tip:** If the **Any key** answer option in the **Settings** → **Call settings** → **Answering mode** menu is activated, you can press any key to answer a call except for the  key and the **Reject** soft key. For more information about Answering mode, see “Answering mode” on page 81.

---

---

**Note:** To reject an incoming call, press the **Reject** soft key or .

---

2. Press  to end the call.


---

**Note:** You can answer a call while using the Phonebook or menu features. After ending the call, the phone returns to the function screen you were previously using.

---

## Call history

All missed, dialed and answered calls are listed in the Call history.

1. In Idle mode, press **Menu** → **Call history** and press the **Select** soft key or  to enter the menu.  
– or –  
Press the **Up Navigation** key.

---

**Tip:** Scroll **Left** or **Right** to access **All calls**, **Missed calls**, **Dialed calls**, and **Answered calls**.

---

The following Call history options are available:

## **All calls**

This menu lets you view the 90 most recent calls you received, dialed, and missed.

The name or number, if already stored in your Contacts, displays with the number of occurrences for each number.

---

**Note:** At any time while you are in Call history, use the **Left** or **Right** Navigation keys to scroll between **All calls**, **Missed calls**, **Dialed calls**, and **Answered calls**.

---



## **Missed calls**

This menu lets you view the 30 most recent calls you received, but did not answer. The name and number, if already stored in your Phonebook, displays with the number of occurrences for each number.


### **Viewing Missed Calls**

When you are unable to answer calls and miss one or more calls, the number of calls you missed displays on the idle screen on the Missed Call tab, immediately after a call is missed.

To view a missed call immediately:

1. If the display is off, press the volume key to turn on the display.  
The Missed Call tab displays the last missed call.  
– or –
2. Press the **Up** Navigation key to view the **Call history**, then press the **Right** Navigation key to view **Missed calls**.  
The number corresponding to the most recently missed call displays, if available.
3. To scroll through the missed calls, press the **Up** or **Down** Navigation key.
4. To call the displayed number, press  or press **Options** and select **Voice call**.  
– or –  
Press  to display call details.

5. Press the **Options** soft key for the following options:
- **Details:** displays the details for the selected contact such as the contact name and phone number.
  - **Voice Call:** allows you to call the selected number.
  - **Copy to dialing screen:** copies the phone number to the dialing screen
  - **Save in Contacts:** saves the caller's name and number in Contacts (or updates an existing contact).
  - **Send message:** allows you to send a Message to the number.
  - **Delete:** allows you to delete the selected number or All call records.
  - **View contact details:** for numbers stored in Contacts, this option displays contact information related to the number.
- 

**Note:** You can press  at any time to exit the **Missed calls** feature.

---

### ***Dialed calls***


This menu allows you to view the 30 most recent calls you dialed. The name and number, if already stored in your Phonebook, displays with the number of occurrences for each number.

### ***Answered calls***



This menu allows you to view the 30 most recently answered calls. The name, number, time and date display with the number of occurrences for each number.

### ***Delete records***

This menu allows you to delete the selected call record or all call records.



1. Press the **Up Navigation** key to display the Call history menu.
2. Press **Options** and select **Delete**.
3. Select **Selected** to delete the highlighted record, **All** to delete all records.
4. Press .
5. At the **Delete all?** prompt, press **Yes** to delete all calls or **No** to cancel.


You can also delete All calls, Missed calls, Dialed calls or Answered calls using the Management Menu

1. Press **Menu** → **Settings** → **Call settings** → **Call log management** → **Delete history** and press .
2. Highlight a selection and press .
3. Press **Delete**.
4. At the **Delete?** prompt, press **Yes** to delete all calls or **No** to cancel.

## Vibration profile

Using Vibration profile, your phone doesn't produce any sounds, it only vibrates. Vibration profile is convenient when you wish to stop the phone from making any noise (in a theater for example).

In Idle mode, press and hold the  key until the “**Vibration profile on**” message and the Vibration profile icon () displays.

To exit and reactivate the previous sound settings, press and hold the  key again until the display indicates that the phone has returned to the previous profile.

## Options During a Call

Your phone provides a number of control functions that are available for use during a call.

### Switching off the Microphone (Mute)


You can temporarily switch your phone's microphone off, so that the other person on a call cannot hear you.

---

**Example:** You wish to say something to a person in the room but do not want the person on the phone to hear you.

---

To switch the microphone off temporarily:

- ▶ Press **Mute**. The other person can no longer hear you. The Mute icon () displays on the left above the name or number of the caller.


To switch the microphone back on:

- ▶ Press **Unmute**. The other person can hear you again.


### Putting a Call on Hold

You can place the current call on hold whenever you want. You can also make another call while a call is in progress (if your network supports this service).

To place a call on hold:



1. Press the **Options** soft key, highlight the **Hold** option, then press the **Select** soft key or .
2. Press the **Resume** soft key to reactivate the call.

To make a new call while a call is in progress:

1. Press **Options** → **New call** and press the **Select** soft key or .
2. Enter the new phone number that you wish to dial or press Search to look up the number.
3. Press **Call** to call the second number.

When there is an active call and a call on hold, you can switch between the two calls, making the held call active and placing the active call on hold.

To switch between the two calls:

1. Press the **Options** soft key, select **Swap**, and press . The current active call is placed on hold and the call on hold is then reactivated so that you can continue conversing with that person.
2. Press  when you are finished or want to end the call.

### Using the Speakerphone

While on a call, you can use your Speakerphone by following these steps:

1. Press the **Spkr on** soft key.
2. To turn the Speakerphone off, press the **Spkr off** soft key.

---

**Important!** For safety information related to speakerphone use, see “Appendix B: Safe and Responsible Wireless Phone Use” on page 124.

---

## Searching for a Number in Contacts

You can search for a number in Contacts during a call.

1. Press **Options** and select **Contacts**.

The Contacts screen displays.

With the Contacts entries displayed:

2. Enter the name that you wish to find in the textbox located above the entries. If you enter the first few letters of the name, Contacts entries display starting with the first entry that matches your input.  
Or, use the **Up** or **Down** Navigation key to highlight the contact that you desire.
3. To view the highlighted entry, press **View**. The Contact information displays.

---

**Tip:** For further details about the Phonebook feature, see *"Finding a Contact Entry"* on page 39.





---

## Call Waiting

The **Call waiting** option must be set to **Activate** before you can answer an incoming call while another call is in progress.

You are then notified of an incoming call with a call waiting tone.

To answer a new call while another call is in progress:

1. Press either the **Accept** soft key or  to answer the incoming call. The first call is automatically put on hold.
2. To switch between the two calls, press the **Options** soft key, highlight **Swap** and press the **Select** soft key or .
3. To end a call on hold, press **Options** → **End** → **Active call**, **Held call**, or **All calls** and press .
4. To end the current/remaining call, press .

## Making a Multi-Party Call

A multi-party call is a network service that allows up to six people to take part simultaneously in a multi-party or conference call.

For further details about subscribing to this service, contact WIND customer service.

### Setting up a Multi-Party Call

1. Call the first participant in the normal way.
2. Press **Options** → **New call**.
3. Call the second participant in the normal way. The first call is automatically placed on hold.
4. To join the first participant to this multi-party call, press **Options** → **Conference call**.

---

**Note:** These first two calls are then grouped together on screen and displayed with an adjacent number corresponding to the order in which the calls were made.

---

---

**Note:** There are a maximum of two callers that can be joined to a single multi-party line. You cannot create two multi-party calls.


---

### Having a Private Conversation With One Participant

When there are two or more participants in a multi-party session, it might be necessary to place one of those participants on hold so that a private conversation can be held with a single caller. While you are in a multi-party call:

1. Press **Options** → **Private call**.

The short list of call participants displays with the first caller selected.

2. Press the **Up** or **Down** Navigation key to highlight the person with which you want to talk privately, and press the **Select** soft key or . You can now talk privately to that person while the other participant is on hold.
3. To return to the multi-party call, press the **Options** → **Conference call**. The other participant can now hear your conversation.

### Dropping Participants

If you are participating in the multi-party call:

1. Press **Options** → **End** → **Select participant**. A list of call participants displays.

2. Highlight each call you want to drop and press **Mark** to place a check mark in the selection box.
3. Press **Drop** to drop the participant(s).

If you are on a private conversation:

1. Press **Options** → **End** and select **Active call** or **Held call**.
2. Press **Drop** to drop the participant(s).

### **Ending the Call**

1. Press **Options** → **End** → **All calls**. A list of call participants displays.
2. Press **Drop** to drop all participants.



## Section 6: Entering Text

This section explains the various text input modes for entering characters into your phone using the QWERTY keyboard and the phone keypad. It also describes how to use the T9 predictive text entry system to reduce the number of key strokes required for entering text using the keypad.

### Using the QWERTY Keyboard

This phone offers the convenience of a slideout QWERTY keyboard. Using the keyboard, you can type letters, numbers, punctuation, and other special characters into text entry fields or other applications simpler and faster than using the telephone keypad.

The following keys perform special functions when entering text:




1. **Left Soft Key** allows you to select soft key actions or menu items corresponding to the indicator at the bottom left of the display screen.
2. **Alt** allows you to use characters displayed at the top of the QWERTY keys. Examples: \$, @, #, !
3. **OK (Select) key** allows you to accept the choices offered when navigating through a menu.

4. **Symbol/Shift** press once to enter the next character in upper case. Press twice to shift the text input mode to all upper case. Press this key and the Alt key together to display the Symbols page, where you can choose from an extensive list of symbols and other character sets.
5. **WWW/.COM** inserts the www. or .com when entering a URL in the browser, or when logging in to Instant Messenger.
6. **Space** inserts a space.
7. **Enter** moves the insertion point to the next line in a message.
8. **Right Soft key** allows you to select soft key actions or menu items corresponding to the indicator at the bottom right of the display screen. In Idle mode the Right soft key also provides quick access to your Browser.
9. **Backspace** deletes the character in front of the cursor.

The keyboard provides dual-use keys labeled with alphabetic characters on the lower half and numbers and symbols on the upper half. To enter the character on the lower half of the key, press the key. To enter characters on the upper half of the key, press Alt and then press the key.

## Changing the Text Input Mode

Your phone has the following text input modes:

- **ABC:** Alphabet mode allows you to enter letters by pressing the key labeled with the corresponding letter.
- **T9 Abc:** this mode allows you to enter words with only one keystroke per letter. Each key on the keypad has more than one letter; for example, you press  to enter J, or K. However, the T9 mode automatically compares the series of keystrokes you make with an internal linguistic dictionary to determine the most likely word, thus requiring fewer keystrokes than the traditional ABC mode.
- **Numeric:** this mode allows you to enter numbers.
- **Symbol:** this mode allows you to enter symbols.

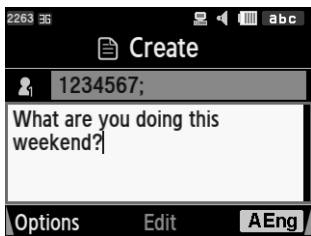
---

**Note:** When you are in a field where you can enter characters, such as when writing a text message, the text input mode indicator displays at the bottom right of the screen.

---

**Important!:** The handset does not maintain text input mode settings when switched from portrait to landscape mode.

---



Create Text Message Landscape



Create Text Message Portrait

1. Press the **Right** soft key to change the text input mode.

The following options are available:

- ABC
- T9 (English)
- Numeric
- Symbol

2. Highlight a selection and press **Select**.

## Using ABC mode

To use ABC mode and the phone keypad to enter your text, press each key multiple times until the letter you want displays.

1. Press the key labeled with the letter you want:
  - Once to enter the first letter
  - Twice in quick succession to enter the second letter
  - Three times in quick succession to enter the third letter

- Four times in quick succession to enter the fourth letter
2. Select the other letters in the same way.
- To enter periods, hyphens, apostrophes, and other special characters, press and hold the key then press the key that contains the associated symbol.
  - To shift case in ABC mode, press . There are three selections: Upper case, Initial capital, and Lower case. The current selection is indicated in the upper right corner of the display.

---

**Note:** You can move the cursor by using the Navigation keys.

---

To delete letters:

- Press . Press and hold the key to clear the display.

---

**Note:** The cursor moves to the right when you press a different key. When entering the same letter twice or a different letter on the same key, just wait for a few seconds for the cursor to automatically move to the right, and then select the next letter.

---

## Keys

By default, the first letter of an entry is capitalized and all consecutive letters are kept in lowercase (unless the key is used). After a character is entered, the cursor automatically advances to the next space after two seconds or when you enter a character on a different key.

Characters scroll in the following order (lowercase characters shown in parentheses):

	.@,:?-/1		PQRS7 (pqrs7)
	ABC2 (abc2)		TUV8 (tuv8)
	DEF3 (def3)		WXYZ9 (wxyz9)
	GHI4 (ghi4)		insert a space inserts zero when held

 JKL5 (jkl5)	 Press and hold to display symbols.
 MNO6 (mno6)	 Press to shift case.

## Using T9 Mode

T9 is a predictive text input mode that allows you to key in any character on the keypad using single keystrokes. This text input mode is based on a built-in dictionary.

To enter a word in T9 mode:



1. Start entering a word by pressing the keys corresponding to the letters in the word. Press each key only once for each letter.

---


**Example:** To enter "Hello" in T9 mode, from the portrait keyboard, press the 4, 3, 5, 5, and 6 keys.

---

As you type, the characters on the screen change as the built-in dictionary matches your keystrokes to commonly used words. Enter all letters in the word without editing or deleting the keystrokes.

2. If the word displayed is not correct, press  to display an alternative choice. Continue until the correct word displays or no choices remain, at which time you can add the word to the phone's dictionary (see below).
3. Press  to insert a space and begin entering the next word.


To enter periods, hyphens, apostrophes, and other special characters press the Right soft key and select Symbol to display the Symbols page, where you can choose from an extensive list of symbols and other character sets.


To shift case in T9 mode, press . There are 3 selections: Upper case, Initial capital, and Lower case.



Use the navigation keys to move the cursor.

To delete characters, press . Press and hold  to clear the display.

### Add a word to the T9 dictionary

When displaying alternative words and you press  on the last word available, the left soft key changes to Spell.

1. Press **Spell** and enter the word you want.
  - To shift case, use  to toggle between Initial Capital, Upper Case and Lower Case modes.

- You can move the cursor using the left and right navigation keys.
  - To delete letters, press . Press and hold  to clear the display.
2. Press **Add**. The word is added to the T9 dictionary and becomes the first word for the associated key presses.

## Using Numeric Mode



Numeric mode allows you to enter numbers into a text message.

- Press the keys corresponding to the digits you want to enter.

## Using Symbol Mode

Symbol mode enables you to insert symbols and punctuation marks into text.

To display a list of symbols:

1. Press the **Right** soft key and select **Symbol**.
2. Press the corresponding number key to select a symbol.
  - Press the Navigation keys to display more symbols.
  - Press the  key to clear the symbol(s). When the input field is empty, this key returns the display to the previous mode.
  - Press the **OK** soft key or  to insert the symbol(s) into your message.

## Section 7: People

---





This section explains how to use and manage your Contacts list.

### Using Contacts List

Use the following procedures to store a new contact to your phone.


#### Storing a Number in the Phone's Memory

The default storage location for saving phone numbers to your phonebook is your phone's built-in memory.


1. In Idle mode, press **Menu** and select **People** → **Add new contact**.
2. In the Create contact screen, enter the information you want to save for this contact. The following fields are available for input:
  - **First name:** For recording the contact's first name.
  - **Last name:** For recording the contact's last name.
  - **Display name:** the name you want to appear onscreen when a call is received from this contact (can be a nickname, etc.)
  - **Mobile:** Allows entry of a mobile phone number for this contact.
  - **Landline:** Allows you to enter a home number for this contact.
  - **Email:** For recording an e-mail address.
  - **Group:** Lets you assign this contact to one or more groups. Press  or **Options** → **Select** to open the **Group** screen. Highlight a group and press  or **Select**.
  - **Picture ID:** Lets you assign a graphic ID for this contact. You can take a picture or assign an existing picture, downloaded graphic or default image.
  - **Ringtone:** Allows you to choose a ring that plays when this contact calls. Press  or **Options** → **Select** to open the Media menu and select a ring tone.
  - **Notes:** Lets you add any other information you wish to record with this contact.
3. Press **Save** to save the new contact.
4. Press  to return to Idle mode.

### Finding a Contact Entry

You can find names and their corresponding phone numbers in the phone's Contacts list.

1. In Idle mode, press **Menu** and select **People** → **Contacts**.
2. Enter the first few letters of the name in the text box.  
Entries are listed starting with the first entry matching your input.
3. If needed, press the **Up** or **Down** Navigation key until the entry you want highlights.
4. Once you locate the entry, press  to dial the number, or press the **Options** soft key to access the following options:
  - **View:** displays the contact information.
  - **Create contact:** takes you to the Create contact menu.
  - **Call:** places the call to the selected phone number.
  - **Send message:** allows you to send a message to the selected number.
  - **Edit:** allows you to edit the Name and number for the selected contact.
  - **Duplicate:** Creates a duplicate record that you can edit to create a new contact entry (for example, when adding a new contact at the same company as an existing contact).
  - **Delete:** allows you to delete the selected name and number from your Phonebook, multiple numbers or all numbers. You are asked to confirm the deletion by pressing the **Yes** soft key. To cancel, press the **No** soft key.
  - **Send namecard via:** allows you to send your name card via Message or Bluetooth.
  - **My namecard:** lets you enter or change your Namecard information.
  - **Assign speed dial:** allows you to assign a speed dial key number to the selected Phonebook entry.
  - **Copy to phone/SIM card:** copies the selected or all of the contacts to the phone or SIM card. Depends on where the contact was previously saved.
  - **Move to phone/SIM card:** moves the selected or multiple contacts to the phone or SIM card. Depends on where the contact was previously saved.
  - **Service number:** displays your phone's service number (supplied by your service provider).
  - **FDN contacts:** opens the FDN (Fixed Dialing Number) list. If FDN is enabled (see "**Set FDN mode**" on page 75), the phone can only call numbers in the FDN list. To add a contact to the list, press **Options** and select **Create FDN contacts**.
  - **Copy to FDN contacts:** copies the highlighted contact to the FDN list. This procedure requires entry of your phone's PIN2 code.
  - **Print via Bluetooth:** sends the contents of the selected text message to a Bluetooth enabled printer.





- **Settings:** opens the Management screen, where you can view and change you Contacts settings: View contacts (All, Phone memory, SIM memory), Default saving (Phone, SIM card, Ask on saving), Copy all to (Phone, SIM card), You can also Delete all (All, Phone, SIM card) and view Memory status.
  - **Memory status:** shows the number of contact records and capacity for Phone, SIM card and FDN list.
5. Press  to view contact information and press the **Options** soft key to view the following options:
- **Edit:** allows you to edit the name and number fields in the entry. You can also add an e-mail address and notes.
  - **Call:** places the call to the selected phone number.
  - **Send message:** allows you to send a message to the selected number.
  - **Delete:** allows you to delete the selected name and number from your Phonebook.
  - **Mark as default number:** allows you to select the default number for the contact.
  - **Send namecard via:** allows you to send your name card via Message or Bluetooth.
  - **Copy to phone/SIM card:** copies the selected or all of the contacts to the phone or SIM card. Depends on where the contact was previously saved.
  - **Move to phone/SIM card:** moves the selected or multiple contacts to the phone or SIM card. Depends on where the contact was previously saved.
  - **Print via Bluetooth:** sends the contents of the selected text message to a Bluetooth enabled printer.

## Groups

Using Group you can organize your contacts into groups such as Family, Friends and Work. You can assign a unique Caller ID or ring tune to members of a group.




### Adding Contacts to a Group

1. From the Idle screen, press **Menu** and select **People** → **Groups**.
2. Using the up and down navigation keys, scroll to the group that you wish to add the contact(s) to and press .
3. Press **Options** and select **Add member**. The Contacts list opens.
4. Using the up and down navigation keys, scroll to each name to be added to the Group and press  to place a check mark in the selection box beside the name.

To find a specific name, begin entering the letters of the name. As you type, the first Contact List entry matching your input is highlighted. To select a different entry, press the up or down navigation key until the entry you want is highlighted.


5. When you are finished selecting names, press **Add**. The selected contacts are added to the group.


### **Adding a New Caller Group**


1. In Idle mode, press **Menu** and select **People** → **Groups**.
2. Press the **Options** soft key and select the **Create group** option.
3. Enter a name for the new group in the **New group** field and press **Save**.
4. Highlight the group name, press **Options** and select **Group settings**. You can change the following settings:
  - Highlight the **Picture** field and press  to select a Picture ID for this new caller group.
  - Highlight the **Ringtone** field and press  to select a ringtone for this new caller group.
5. When you are finished, press **Options** and select **Save**.
6. Press  to return to Idle mode.

### **Editing a Caller Group**

1. In Idle mode, press **Menu** and select **People** → **Groups**.
2. Scroll through the group list, highlight the group you want, and press the **Options** soft key.
3. To edit the group name, press **Options** and select **Rename**. Backspace and enter a new name for the group, then press **Save**.

To change the image associated with the group, press **Options** and select **Group settings**. Highlight **Picture** and press . Select an image from one of the folders.



To change the ringtone associated with the group, press **Options** and select **Group settings**. Highlight the **Ringtone** field and press . Select a sound from the **Sounds** folder.

4. Press **Options** and select **Save** when you are finished. Your Caller group settings are saved.
5. Press  to return to Idle mode.

## Speed Dial

Using Speed dial, you can assign up to eight phone numbers from Contacts that you use most frequently to the number keys 2 to 9, and then dial them whenever you want simply by pressing and holding the associated number key. In Idle mode, to speed dial the numbers assigned to keys (2 to 9), press and hold the appropriate key.

### Setting Up Speed Dial Entries

1. In Idle mode, press **Menu** and select **People** → **Speed dial**.
2. Use the Navigation key to select the keypad number key to where you wish to assign the new speed-dialing number, press **Options** and select **Assign** → **Contacts** or **FDN contacts**.
3. Highlight a contact entry number from the list and press the **Select** soft key or .
4. You receive a **Speed dial assigned** confirmation and the **Speed dial** menu displays the contact assigned to the number key you selected.
5. Press  to return to Idle mode.

---

**Note:** Memory location 1 is reserved for your Voice mail server number and this speed dial location can not be changed.

---

## Management

To access the Management menu:

- ▶ In Idle mode, press **Menu** and select **People** → **Management**.

### View Contacts

This option allows you to select whether Contacts displays All contacts stored on the Phone and SIM card, Phone memory only, or SIM card only.

### Default saving

The **Default saving** option allows you to choose where your contacts are saved. The following options are available:

- **Phone:** new phonebook contacts are saved to your phone. This is the default setting for your phone.
- **SIM card:** new phonebook contacts are saved to your SIM card.
- **Ask on saving:** you are prompted to choose between Phone or SIM Card whenever you save a new contact.




## Copying all Contact Entries

You can copy any or all Contact entries to the SIM card or to the phone.

---

**Note:** When storing a Contact entry on the SIM card, only the Name, Address, and slot location are saved.

---

1. In Idle mode, press **Menu** and select **People** → **Management** → **Copy all to**.
2. Highlight **Phone** or **SIM card** and press the **Select** soft key or .  
Highlight each contact you want to copy and press  to place a check mark next to the entry. Or highlight All and press  to select all entries.
3. Press **Copy** to copy the selected contacts to the Phone or SIM card.

## Delete all

---



**Important!:** Once contact entries are deleted, they cannot be recovered.

---

This option allows you to delete all your contacts from the phone, SIM card, or both.

## Deleting all Phonebook Entries

Perform the following procedure to delete all entries from your phone and/or SIM card.

1. In Idle mode, press **Menu** and select **People** → **Management** → **Delete all**.
2. As required, highlight **All**, **Phone**, or **SIM card** and press the **Select** soft key or .
3. You are asked to confirm the deletion by pressing the **Yes** soft key. To cancel, press the **No** soft key.
4. Press the **Back** soft key or  to return to Idle mode.

## Memory status

You can view the amount of the allocated memory and the memory available for contact entries on the Phone and SIM card, as well as on the FDN list.

The display shows the used and available space.

- ▶ In Idle mode, press **Menu** and select **People** → **Management** → **Memory status**.

## My Number

This function is a memory aid you can use to view your own phone number.

- ▶ In Idle mode, press **Menu** and select **People** → **My number**.

## Using the Service Dialing Numbers

You can view the list of Service Dialing Numbers (SDN) assigned by your service provider. These numbers include emergency numbers, customer service numbers and directory inquiries.

- ▶ In Idle mode, press **Menu** and select **People** → **Service number**. The service numbers display.

## Section 8: Messages

---

This section describes how to send and receive different types of messages. It also explains the features and functionality associated with messaging.

### Types of Messages

Your phone provides the following message types:

- **Text Messages:** Short Message Service (SMS) allows you to send and receive short text messages to and from other mobile phones.
- **Picture Messages:** Multimedia Messaging Service (MMS) allows you to exchange messages containing text, graphics, and audio attachments with other MMS capable phones.

---

**Note:** You must have a subscription to WIND's message service in order to use messaging.




---

You can also use your phone to access Voice Mail (recorded voice) messages.

### Display Icons for Messages

When your handset receives new messages, icons display on the screen in two locations: on the View Tab that displays on the lower portion of the screen, and on the top of the screen (see *"Display Layout"* on page 14.)

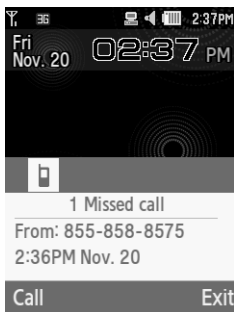
#### Message Icons on the Icon Line

The  icon displayed at the top of the screen indicates that a new text message was received. The  icon indicates a new picture message was received. The  icon indicates a new voice mail message was received.



## Missed Messages Tab

The Missed Messages Tab is an area that displays on the screen when calls are missed a text or picture message is received, or a voice mail message is received.

View Tabs for  
Missed Calls,  
Picture Messages,  
Voice Notes,  
or Audio Postcards



The following message tabs can be displayed:


1.  Text message
2.  Missed Calls
3.  Voice mail
4.  Picture message

You can view missed calls or unviewed messages by using the **Right** and **Left** navigation keys to select the associated message tab. Press **View** to open a message or see call details, **Dial** to retrieve your voice mail.

## Create and send a message

Use the Create message menu to compose new text (SMS) and picture (MMS) messages and send them to other messaging-capable phones.

1. In Idle mode, press **Menu** → **Messaging**, select **Create message** and press the **Select** soft key or .

2. Highlight the **Recipients** field and press .
3. Select one of the following options:
  - **Contacts:** allows you to enter the phone number you want from your Contacts list.
  - **Group:** allows you to select a group.
  - **Recipient list:** allows you to create a list of up to 10 recipients for the message.– or –

Enter a phone number in the recipients field.

4. Press the **Down** Navigation key and create your message.

---

**Note:** For further information on entering characters, see “*Changing the Text Input Mode*” on page 34. The message can be up to 2295 characters.

---

5. Press the **Options** soft key when you finish entering your message. The following options are available:
  - **Send:** sends the message.
  - **Add multimedia:** Lets you add an Image, Video or Sound; Take photo, Record video, Record audio.

---

**Note:** Adding multimedia content to a text message changes it to a picture (MMS) message.

---

- **Insert:** allows you to insert Text template, Text emoticon, or Bookmarks. Text template allows you to add content from a previously stored message template to the message. Text emoticon provides a selection table of text emoticons (images of facial expressions created using keyboard characters). Bookmarks allows you to add Internet addresses to your message.
- **Edit text:** allows you to turn on the text selection feature so you can cut, copy, and paste text in this message.
- **Input language:** Lets you switch the input language between English and Français (French).
- **Advanced**
  - **Add attachment:** allows you to add a File, Name card, Appointment, Anniversary, Private, Holiday, Important, Tasks, Memo, Bookmarks. to the message.
  - **Add subject:** allows you to add a subject to this message.
  - **Add page:** allows you to add a page, for example, another image or sound clip to the message.
  - **Change to picture message:** changes the message type to picture message

---

**Note:** Adding multimedia content to a text message changes it to a picture (MMS) message.

---




— **Sending options:**

**Reply path:** allows the recipient of your message to send you a reply message using your message center, if your network supports this service.

**Request delivery report:** allows you to activate or deactivate the report function. When this option is enabled, the network informs you whether or not your message was delivered.

- **Save in:** allows you to save this message to Drafts or Templates.

6. Press  to send this message.

## Inbox

The Inbox stores received messages. When you open the Inbox, the list of messages displays with the sender's phone number or name (if available in your Phonebook).

You can tell the kind of message received by the icon displayed. The following types of messages may display in your inbox:



Text message



Picture message

If the icon envelope is closed the message has not been read, if it is open then the message has been read.

---

**Tip:** Press the **Left** or **Right** Navigation keys to scroll between **Inbox**, **Sentbox**, **Drafts**, **My folders**, and **Templates**.


---

## Viewing a Text Message from the Inbox

1. In Idle mode, press **Menu** and select **Messaging** → **Inbox**.
2. Highlight a text message from the list and press the **Options** soft key.

The following options display:

- **View:** opens the message.
- **Reply:** allows you to send a reply to the sender by sending a message.
- **Forward:** allows you to forward the text message to another person.
- **Delete:** deletes Selected, Multiple, or All text messages.
- **Move to phone/SIM card:** allows you to move the message from the SIM card into the phone's memory or from the phone onto the SIM card. Depends on where the current message was saved.
- **Move to my folders:** allows you to move the Selected message or Multiple messages to a personal folder.
- **Sort by:** allows you to sort messages by Date, Sender, Type, Subject, Size, and Protection.


- **Save to Contacts:** allows you to save the contact information to your Contacts list. This option displays only when the number is not already included in the Contacts list.
  - **Lock/Unlock:** allows you to lock this message to protect it from deletion or unlock it to allow deletion.
3. Press  to read the message contents.

Press the **Up** or **Down** Navigation key to scroll through the contents.

Press the **Options** soft key while reading a text message to display the following:


- **Reply:** allows you to send a reply to the sender by sending a message.
- **Delete:** deletes the Selected message.
- **Forward:** allows you to forward the text message to another person.
- **Save to Contacts:** allows you to save the contact information to your Contacts list. This option displays only when the number does not reside in the Contacts list. This options displays only if the contact does not already reside in the Contacts list.
- **Move to phone/SIM card:** allows you to move the message from the SIM card into the phone's memory or from the phone onto the SIM card. Depends on where the current message was saved.
- **Move to my folders:** allows you to move the Selected message or Multiple messages to a personal folder.
- **Print via Bluetooth:** allows you to print the message using a Bluetooth enabled printer.
- **Lock/Unlock:** allows you to lock this message to protect it from deletion or unlock it to allow deletion.

### **Viewing a Picture Message from the Inbox**

1. In Idle mode, press **Menu** → **Messaging** → **Inbox** and press the **Select** soft key or .
2. Select a picture message from the list and press the **Options** soft key.

The following options display:

- **View:** opens the message.
- **Reply to:** allows you to send a reply to the sender by sending a message.
- **Forward:** allows you to forward the message to another person.
- **Call sender:** allows you to call back the message sender.
- **Delete:** deletes the Selected, Multiple, or All messages.
- **Sort by:** allows you to sort messages by Date, Sender, Type, Subject, Size, and Protection.
- **Save to Contacts:** allows you to save the contact information to your Contacts list. This option displays only when the number is not already included in the Contacts list.
- **Lock/Unlock:** allows you to lock this message to protect it from deletion or unlock it to allow deletion.

3. Press  to view the message contents.
4. Press the **Options** soft key while viewing a picture message to display the following:
  - **Play:** plays an attached multimedia file.
  - **Reply:** allows you to send a reply to the sender.
  - **Reply to all:** allows you to send a reply to the sender and other recipients of the message.
  - **Forward:** allows you to forward the message to another person.
  - **Call sender:** allows you to call back the message sender.
  - **Delete:** deletes the selected message.
  - **Move to my folders:** allows you to move the message to a personal folder.
  - **Save to Templates:** saves the message in the Templates folder for future use.
  - **Save items:** lets you save the message attachments to your Media folders.
  - **Save to Contacts:** allows you to save the contact information to your Contacts list. This option displays only when the number is not already included in the Contacts list.
  - **Print via Bluetooth:** lets you print the message using a Bluetooth-enabled printer.
  - **Lock/Unlock:** allows you to lock the picture message to prevent deletion, or unlock it to allow deletion.
  - **Properties:** displays picture message properties, such as Date, To, Size, Priority, Expiration, Hide address, Delivery report, Read report.

## Sentbox

This message box stores sent messages.


When you enter this menu, the list of messages in the Sentbox displays with the recipients' phone numbers or names, if available in your Phonebook.

1. In Idle mode, press **Menu** and select **Messaging** → **Sentbox**.

---

**Note:** Press the **Left** or **Right** Navigation keys to scroll between **Sentbox**, **Drafts**, **My folders**, **Templates**, and **Inbox**.

---

2. Select a message from the list and press  to view the message contents.
3. To scroll through the contents, press the **Up** or **Down** Navigation keys.
4. Press **Options** and select one of the following options:
  - **View:** lets you view the message.

- **Delete:** deletes the Selected, Multiple, or All messages.
- **Move to phone/SIM card:** allows you to move the message from the SIM card into the phone's memory or from the phone onto the SIM card. Depends on where the current message was saved.
- **Move to my folders:** allows you to move the Selected message or Multiple messages to a personal folder.
- **Sort by:** allows you to sort messages by Date, Recipient, Type, Subject, Size, and Protection.
- **Lock/Unlock:** allows you to lock the selected message to protect it from deletion, or unlock it to allow deletion.

If a Picture message is selected the following options display:

- **View:** lets you view the message.
- **Forward:** allows you to forward the message to another person.
- **Delete:** deletes the Selected, Multiple, or All messages.
- **Move to my folders:** allows you to move the Selected message or Multiple messages to a personal folder.
- **Sort by:** allows you to sort messages by Date, Recipient, Type, Subject, Size, and Protection.
- **Lock/Unlock:** allows you to lock the selected message to protect it from deletion, or unlock it to allow deletion.
- **Properties:** displays picture message properties, such as Date, To, Size, Priority, Expiration, Hide address, Delivery report, Read report.

## Drafts

This message box stores messages that you may want to edit or send at a later time.

When you enter this menu, the list of messages in the box displays.

1. In Idle mode, press **Menu** and select **Messaging** → **Drafts**.

---


**Note:** Press the **Left** or **Right** Navigation keys to scroll between **Drafts**, **My folders**, **Templates**, **Inbox** and **Sentbox**.

---

2. Select a message from the list and press the **Options** soft key.

The following options display:

- **Edit:** lets you edit the template content.
- **Send:** sends the message to Recent recipients, Contacts, or Groups.
- **Preview:** allows you to preview a picture message.
- **Delete:** deletes the Selected message, Multiple messages or All messages.
- **Move to my folders:** allows you to move the Selected message or Multiple messages to a personal folder.
- **Sort by:** allows you to sort messages by Recipient, Type, Subject, Size, and Protection.

- **Lock/Unlock:** allows you to lock this message to protect it from deletion or unlock it to allow deletion.
  - **Properties:** displays picture message properties, including Date, To, Size, Priority, Expiration, Hide address, Delivery report, Read report.
3. Press  to view the message contents.
  4. Press the **Options** soft key while viewing a message to access the following:

---

**Note:** Some options apply to Text messages, and other options apply to Picture messages only.

---

- **Add recipients:** Lets you add recipients from Recent contacts, Contacts or Group (only appears when no recipients are specified in the draft message).
  - **Send:** sends the message to Recent recipients, Contacts, or Groups.
  - **Preview:** allows you to preview a picture message.
  - **Add multimedia:** Lets you add an Image, Video or sound; Take photo, record video, Record audio.
  - **Insert** allows you to insert Text template, Text emoticon, Bookmarks. The Text template allows you to add content from a previously stored message template to the message. Text emoticon provides a selection table of text emoticons (images of facial expressions created using keyboard characters). Bookmarks allows you to add Internet addresses to your message.
  - **Edit text:** Lets you turn Text selection on or off to allow editing.
  - **Input language:** Lets you switch the input language between English and Français (French).
  - **Advanced:**
    - **Add attachment:** allows you to add an attachment to the message.
    - **Add subject:** allows you to add a subject to the selected picture message.
    - **Add page:** allows you to add a page, for example, another image or sound clip to the message.
    - **Edit style:** allows you to change the background color, page duration, font color, or font style on the selected page or all pages.
    - **Change to text message/picture message:** converts message type.
    - **Sending options:** Lets you change text message sending options (Replay path, Request delivery report) or Picture message sending options (Priority, Expiration, Delivery time, Hide address, Request delivery report, Request read report, Keep a copy).
  - **Save in:** lets you save the message to Drafts or Templates.
5. To send the message, press **Options** and select **Send** while viewing the message.

## **My Folders**

Use My Folders to manage and organize your messages and store them on your phone.

- 1. In Idle mode, press **Menu** and select **Messaging** → **My folders**.

#### **To create a new folder:**

1. Press the **Options** soft key and select **Create folder** (if no folders have been created, press the **Create** soft key).
2. Enter the title of the folder and press the **OK** soft key.

The newly created folder displays on the My folders screen.

## **Templates**

Besides entering message text using the keypad keys, you can speed message composition by including copies of stored messages (Templates) in your message.

The following options are available:

- **Text message templates**
- **Picture message templates**

### **Create a Template**

To create a text template:

1. From the Idle screen, press **Menu** and select **Messaging** → **Templates** → **Text message templates** or **Picture message templates**.
2. Press **Options** and select **Create**. Enter the text you want to save as a template.
3. While the template screen is open, you can also press **Options** to access the following options (some options available for picture messages only):
  - **Add multimedia:** Lets you add an Image, Video or Sound; Take photo, Record video, Record audio.
  - **Insert** allows you to insert Text template, Text emoticon, Bookmarks. The Text template allows you to add content from a previously stored message template to the message. Text emoticon provides a selection table of text emoticons (images of facial expressions created using keyboard characters). Bookmarks allows you to add Internet addresses to your message.
  - **Input language:** Allows you to temporarily change the input language used to create your message between English and Français (French).
  - **Advanced:**
    - **Add attachment:** allows you to add an attachment to the message.
    - **Add page:** allows you to add a page, for example, another image or sound clip to the message.
    - **Edit style:** allows you to change the background color, page duration, font color, or font style on the selected page or all pages.

4. Press **Save** to save the template.

## ***Use a Template***

To access templates:

1. From the Idle screen, press **Menu** and select **Messaging** → **Templates**.
2. Scroll to a template and press **OK** to enter the text directly into a new text message or **Options** to access the following options:
  - **View:** Displays the message content (picture message only).
  - **Send:** Opens a new message containing the template content (picture message only).
  - **Create:** lets you create a new template.
  - **Edit:** Allows you to edit the template text.
  - **Delete:** Allows you to delete the selected template, multiple templates or all templates. Press **Yes** to confirm the deletion.

## **Settings**

The **Settings** menu allows you to select where your contacts are saved, delete messages by folder, or check your memory status.

- ▶ In Idle mode, press **Menu** and select **Messaging** → **Settings**.

### ***Messages settings***

In this menu, you can set up a default text message or a picture message, configure the Text Message Center, view the Voice mail number, and configure Push messaging Receiving or Service Loading options. The last setting you accessed is automatically activated for sending subsequent messages.

- ▶ In Idle mode, press **Menu** and select **Messaging** → **Settings** → **Messages settings**.

### **Text message**

The following **Sending Options** are available:

- **Reply path:** allows the recipient of your message to send you a reply message using your message center, if your network supports this service.
- **Request delivery report:** allows you to activate or deactivate the report function. When this function is activated, the network informs you whether or not your message was delivered.

## **Text Message Center**

Sets the default method of text message transmission used by the Text message center.

## **Picture message**

The following options are available:

### **Sending options**

- **Priority:** allows you to set the message priority: High, Normal or Low.
- **Expiration:** allows you to select the length of time for your message to remain on the MMS server: Maximum, 1 Day, 2 Days, 1 Week, 2 Weeks, Custom time (Hour).
- **Delivery time:** sets time before message delivery: Immediately, 1 Hour, 1 Day, 1 Week, Custom time (Hour)
- **Message size:** allows you to set a size limit for your message: 30 KB, 100 KB, 300 KB.
- **Request delivery report:** when this option is enabled, the network informs you whether or not your message was delivered.
- **Request read report:** when this option is enabled, the network informs you when your message is read.
- **Keep a copy:** when this option is enabled, a copy of your message is stored.
- **Add my name card:** allows you to add your name card to your message.

### **Receiving options**

This option specifies the category of messages you want to receive and allows you to set the following:

- **Send read report:** when this option is enabled, your phone sends a notification back to the recipient indicating that your message was received.
- **Send delivery report:** when this option is enabled, the phone informs the network whether or not your message was received.
- **Reject anonymous:** automatically rejects messages with a category of anonymous.
- **Reject advertisement:** automatically rejects messages with a category of advertisement.

### **Auto resize image**

- No Resize, 100 KB, 300 KB

### **Creation Mode**

- Free, Warning, Restricted

### **Default style**

- Font color, Font style, Background color, Page duration

## **Voice mail**

This menu displays the default phone number used for access of phone's remote voice mail.



## Broadcast Message

Broadcast messages are messages received from your service provider containing information related to a specific area (cell). The following options are available:

- **Activation:** Turns broadcast message reception On or Off.
- **Receiving channels:** All channels or My channels (channel list saved in My channels, see below).
- **My channels:** Lets you create a list of specific channels and save channel details (Channel ID, Channel title).
- **Language:** All, English or Français (French).

## Push message

- **Receiving options:** you can specify whether to turn push message reception **On** or **Off**.
- **Service loading:** you can specify whether to load this service: Always, Prompt, Never




## Delete by folder

This menu allows you to delete all messages or all messages in specific message boxes.

---

**Important!** Messages are permanently deleted, they cannot be recovered.

---

1. In Idle mode, press **Menu** and select **Messaging** → **Settings** → **Delete by folder**.
2. Select the boxes to be cleared by highlighting the box and pressing  to place a check mark in the selection box. To delete all messages, highlight **All** and press .
3. Press the **Delete** soft key to empty the marked boxes.
4. As required, press  to add or remove a check mark in the Delete? Locked messages confirmation box.
5. Press **Yes** to confirm message deletion or **Cancel** to cancel.

## Memory status

To view the memory status:

- ▶ In Idle mode, press **Menu** and select **Messaging** → **Settings** → **Memory status**.

You can view the amount of the allocated memory and the memory available for picture messages.

The display shows the total space including the used and free space. You can also view how much space and the number of messages currently occupying each message box type:

- Picture message
  - Inbox
  - Sentbox
  - Drafts
  - My folders
- Text Message (saved on the phone)
  - Inbox
  - Sentbox
  - Drafts
  - My folders
- Push message
  - Inbox
  - My folders
- Broadcast messages
  - Inbox
- Configuration
  - Inbox
  - My folders

## Section 9: Media

---

The Media menu is used to manage your media files (audio, pictures, videos, games and apps, and other files). Media files are organized in a series of folders. You can also create additional folders or sub-folders to further organize your files.

### Photos

In this menu you can view the photos you've stored on your phone or memory card.



1. From Idle mode, press **Menu** and select **Media** → **Photos**.

If there is a microSD memory card in the phone, you can use the left and right navigation keys to switch between phone and memory card access.

---

**Note:** When a memory card is inserted into the phone, a series of folders is automatically created on the card (Photos, Music, Images, Sounds, Videos).

---

2. Use the **Up** or **Down** navigation key to highlight a particular image and press  to view the photo.
3. Press  to exit and return to the Idle screen.

---

**Note:** The Photos menu is also available directly from the Main menu (from the Idle screen, press **Menu** and select **Photos**).

---

### Wallpaper

To change the screen background image ("Wallpaper"):

1. From Idle mode, press **Menu** and select **Media** → **Photos**.
2. Highlight a photo from the list and press the **Options** soft key.
3. Select **Set as** → **Wallpaper**.
4. Press the **Set** soft key to confirm your selection.  
Your wallpaper selection updates.


## Photo Options

- ▶ With the Photos folder open and a photo highlighted, press the **Options** soft key to choose from the following options:
  - **Send to:** allows to send the photo to one or more recipients in a picture message
  - **Send via:** allows you to send the photo as a Message or to another Bluetooth compatible device.
  - **Set as:** allows you to set the photo as Wallpaper or as a Picture ID.
  - **Delete:** allows you to delete the selected photo, multiple photos or all photos.
  - **Move:** allows you to move the selected photo or multiple photos to another location or folder.
  - **Copy:** allows you to copy the selected photo or multiple photos to another location or folder.
  - **Rename:** allows you to rename the selected photo file.
  - **Take photo:** opens the camera so you can take another photo.
  - **Create folder:** allows you to create a folder in which to store the selected photo.
  - **Sort by:** allows you to sort the photos by Date, Type, Name, or Size.
  - **Bluetooth visibility:** allows you to select one photo or multiple photos to share with other Bluetooth devices.
  - **Print via Bluetooth:** sends the selected photos to a Bluetooth enabled device.
  - **Lock/Unlock:** allows you to lock the photo to protect it from deletion or unlock it to allow deletion.
  - **Properties:** displays the image Name, Format, Resolution, Size, Forwarding, Date created, and Location.
- ▶ While viewing a photo, press the **Options** soft key to choose from the following options:
  - **Send via:** allows you to send the photo as a Message or to another Bluetooth compatible device.
  - **Set as:** allows you to set the photo as Wallpaper or as a Picture ID.
  - **Delete:** allows you to delete the selected photo.
  - **Rename:** allows you to rename the photo.
  - **Edit image:** allows you to edit a new photograph for an outgoing message.
  - **Bluetooth visibility:** allows you to share the photo with other Bluetooth devices.
  - **Print via Bluetooth:** sends the selected photos to a Bluetooth enabled device.
  - **Lock/Unlock:** allows you to lock the photo to protect it from deletion or unlock it to allow deletion.
  - **Properties:** displays the image Name, Format, Resolution, Size, Forwarding, Date created, and Location.

## Camera

1. In Idle mode, press **Menu** → **Media** → **Photos** → **Camera** and press  to access the menu.

---

**Tip:** Press the **Camera** key  on the right side of the phone as a shortcut access to the camera module.

---

2. Adjust the image by aiming the camera at the subject.
3. Press **Menu** to access the camera options. For details, see “*Camera Options in Capture Mode*” on page 106.

---

**Tip:** You can use the keypad to quickly change the camera options.

---

4. Press the **Camera** key  or  to take the photo.

## Music

In this menu you can manage the Music you've stored on the phone or memory card.

1. From Idle mode, press **Menu** and select **Media** → **Music**.
2. Select a music file and press the **Options** soft key to choose from the following options:
  - **Send via:** allows you to send the selected music file via Message or to a Bluetooth enabled device.
  - **Set as:** allows to use the music file as Ringtones, Individual ringtone, Alarm tone or Calendar reminder (music stored on the phone only)
  - **Delete:** allows you to delete the Selected, Multiple, or All music files.
  - **Move:** allows you to move the selected music file or multiple files to another location or folder.
  - **Copy:** allows you to copy the selected music file or multiple files to another location or folder.
  - **Rename:** allows you to rename the selected music file.
  - **Create folder:** allows you to create a folder in which to store the selected music file.
  - **Sort by:** allows you to sort the music by Date, Type, Name, or Size.
  - **Bluetooth visibility:** allows you to share one song or multiple songs with other Bluetooth devices (music stored on the phone only).
  - **Lock/Unlock:** allows you to lock the photo to protect it from deletion or unlock it to allow deletion.
  - **Properties:** displays Basic details about the selected music file such as Name, Format, Size, Forwarding, Date created, and Location.


## Music Player

You can add music files or play music stored in your playlists.

---

**Important!:** Before you can play music you must organize a playlist. For more information, refer to “*Creating a Playlist*” on page 62.

---

1. From Idle mode, press **Menu** and select **Media** → **Music** → **Music player**.
2. Select **All tracks**, **Artists**, **Albums** or **Playlists**.
3. Highlight a music file and press  to play the file or press the **Options** soft key to access the following options:
  - **Add to playlist:** allows you to add the Selected, Multiple, or All music files to a playlist.
  - **List by:** allows you to display music files by category such as: Recently added, My rating, or Title.
  - **Delete:** allows you to delete the Selected, Multiple, or All music files.
  - **Send via:** allows you to send this music file in a Message or to a Bluetooth enabled device.
  - **Set as:** allows you to set this music file as Ringtones, Individual ringtone, Alarm tone, or Calendar reminder.
  - **Properties:** displays Basic details about the selected music file.
  - **Settings:** allows you to configure settings such as Background playing, Sound effects, or Visualization.

### Music Player Shortcut Keys

While playing a music file, the following keys act as shortcuts:



**Up** Navigation key opens the menu from which the music file was accessed.

**Down** Navigation key stops the playback of the music file.

**Left** Navigation key plays the previous music file in the playlist.


**Right** Navigation key plays the next music file in the playlist.

### Creating a Playlist

Before music can be played directly via the Music Player, it is necessary that the desired playlist be active before music is added. Unless otherwise selected, Playlist 1 is the default playlist when new music is added from either the phone or memory card.

1. From Idle mode, press **Menu** and select **Media** → **Music** → **Music player**.
2. Select **Playlists** → **Create playlist**, enter a name for the playlist and press **Save**.

### **Adding Music Files to a Playlist**

1. From Idle mode, press **Menu** and select **Media** → **Music** → **Music player**.
2. Highlight **All tracks**, **Artists**, **Albums** or **Playlists** to see a list of files and press .
3. Highlight a music track to add to the playlist, press **Options** and select **Add to playlist**.
4. Press the right navigation key and select **Selected** to add the selected file to the playlist, **Multiple** to add more than one file, or **All** to add all files in the list.  
The selected track(s) are added to the selected playlist.

### **Images**

In this menu, you can view a list of images downloaded from the web server or received in messages. You can set a wallpaper images supplied with the phone or another image as the phone's background image.

- From Idle mode, press **Menu** and select **Media** → **Images**.

The following options are available:

#### **Wallpapers**

This folder contains a series of wallpapers images supplied with your phone

- Scroll to the wallpaper you want to view and press the **Options** soft key to access the following options:
- **Set as**: allows you to set the image as Wallpaper or as a Picture ID.
- **Take photo**: allows you to take a photo and use that as a wallpaper.
- **Create folder**: allows you to create a new folder in which to contain your own images.
- **Sort by**: allows you to sort the images by Date, Type, Name, or Size.
- **Properties**: displays the image name, format, resolution, size, forwarding, date created and location.

#### **Downloaded images**

This menu allows you to access your downloaded images on your phone.

- Scroll to the image you want to view and press the **Options** soft key to access the following options:
- **Send to**: allows to to send the image to one or more recipients in a picture message

- **Send via:** allows you to send the image as a Message or to another Bluetooth compatible device.
- **Set as:** allows you to set the image as Wallpaper, or a Picture ID.
- **Delete:** allows you to delete the Selected, Multiple, or All images.
- **Move:** allows you to move the Selected or Multiple images to another location.
- **Copy:** allows you to copy the Selected or Multiple images to another location.
- **Rename:** allows you to rename the image.
- **Take photo:** allows you to take another photo with the camera.
- **Create folder:** allows you to create a new folder in which to store images.
- **Sort by:** allows you to sort images by Date, Type, Name, or Size.
- **Bluetooth visibility:** allows you to select one or multiple images to share with other Bluetooth devices.
- **Print via Bluetooth:** sends the selected image to a Bluetooth printer.
- **Lock/Unlock:** allows you to lock the image to protect it from deletion or unlock it to allow deletion.
- **Properties:** displays Basic details or Media Information about the image.

## Sounds

In this menu, you can view the list of sounds provided with the phone, downloaded from the web, received in picture messages, or recorded using the voice recorder. You can also set a downloaded sound as the current ring tone.

1. From Idle mode, press **Menu** and select **Media** → **Sounds**.

### Sounds

This folder stores sounds provided with the phone, downloaded from the web or received in picture messages. Highlight a file and press **Play** to hear the file or press the **Options** soft key to access the following options:

- **Set as:** allows you to set the sound as Ringtones, Individual ringtone, Alarm tone or Calendar reminder.
- **Create folder:** allows you to create a new folder in which to contain sounds.
- **Sort by:** allows you to sort sound files by Date, Type, Name, or Size.
- **Properties:** displays Basic details about the selected sound file.

### Voice list

The Voice list contains your recorded audio messages. Highlight a file and press **Play** to hear the file or press the **Options** soft key to access the following options:


- **Send via:** allows you to send the audio message as a Message or to a Bluetooth compatible device.
- **Set as:** allows you to set the audio message as Ringtones, Individual ringtone, Alarm tone, or Calendar reminder.



- **Delete:** allows you to delete the Selected, Multiple, or All audio messages.
- **Move:** allows you to move the Selected or Multiple audio messages to another location or folder.
- **Copy:** allows you to copy the Selected or Multiple audio messages to another location or folder.
- **Rename:** allows you to change the name of the audio message.
- **Create folder:** allows you to create a new folder in which to contain audio messages.
- **Sort by:** allows you to sort audio files by Date, Type, Name, or Size.
- **Bluetooth visibility:** allows you share the Selected or Multiple voice messages with other Bluetooth devices.
- **Lock/Unlock:** allows you to lock the audio message to protect it from deletion or unlocks it to allow deletion.
- **Properties:** displays Basic details about the selected audio file.

## Voice recorder

In this menu, you can record an audio file up to one minute long and send it in a message.

1. From Idle mode, press **Menu** and select **Media** → **Sounds** → **Voice list** → **Voice recorder**.
2. Press **Record** or  and begin recording your voice message.
3. Press **Stop** when you are finished recording.


Press **Options** to access the following options:

- **Send via:** allows you to send this voice recording as a Message or to another Bluetooth enabled device.
- **Set as:** allows you to set this voice recording as a Ringtone, Individual ringtone, Alarm tone or Calendar reminder.
- **Delete:** deletes the selected voice recording.
- **Properties:** displays Basic details about this voice recording, such as: Name, Format, Size, Forwarding, Date created, and Location.

## Videos

In this menu, you can view the list of videos downloaded from the web or received in picture messages, view videos saved to the Videos folder on the phone or memory card, and record videos.

This menu allows you to access your saved videos.

1. From Idle mode, press **Menu** and select **Media** → **Videos**.
2. Highlight a video file and press  to play it or press **Options** to access the following options:
  - **Send via:** sends the video using a Message or to a Bluetooth enabled device.




- **Delete:** deletes the Selected, Multiple, or All video files.
- **Move:** allows you to move the Selected or Multiple videos to another location.
- **Copy:** allows you to copy the Selected or Multiple videos to another location.
- **Rename:** changes the name of the video.
- **Create folder:** allows you to create a new folder to contain your videos.
- **Sort by:** allows you to sort and view videos by Date, Type, Name, or Size.
- **Bluetooth visibility:** allows you to enable the Selected video or Multiple videos so they are visible to other Bluetooth devices.
- **Lock/Unlock:** allows you to lock the video to protect it from deletion, or unlock it to allow deletion.
- **Properties:** shows the properties of the video, such as the Name, Format, Resolution, Size, Forwarding, Date created, and Location.

While viewing the video press **Options** and choose one of the following:

- **Jump to track time:** allows you to jump to a specific track time. Enter the time in HH:MM:SS format.
- **Send via:** allows you to send this video as a Message or to a Bluetooth enabled device.
- **Properties:** shows the details of the video, such as the Name, Format, Resolution, Size, Forwarding, Date created, and Location.

## Record Video

To record a video file using the built-in camcorder:

1. From Idle mode, press **Menu** and select **Media** → **Videos** → **Record video**.
2. Adjust the image by aiming the camera at the subject.
3. Press  to begin recording the video. Press  to pause the recording.
4. Press the **Right** soft key to stop the recording and save the video file to your Videos folder.
5. Once the file saves, press  to play back your video for review.

For more instructions on using the camcorder and camcorder options, see “*Camcorder*” on page 109.

## Games and Apps

You can download MIDlets (Java applications that run on mobile phones) from various sources using the browser and store them in your phone.

1. From Idle mode, press **Menu** → **Media** → **Games and Apps** and press the **Select** soft key or .

When you access the **Games and Apps** menu, the list of default games displays. Once you download new games, they are then added to the list.

### **More games**

You can download more games from the WIND website by using the **Browse games** option.

- From Idle mode, press **Menu** → **Media** → **Games and Apps** → **More games**, press the **Options** soft key and select **Download**.

---

**Note:** When downloading games, charges may apply. MIDlet game options differ depending on the MIDlet selected.

---

### **Other files**

In this folder you can store other types of files, and view files in the following formats: Microsoft Word 2003 (.doc), Microsoft Excel 2003 (.xls), Microsoft PowerPoint (.ppt), Adobe PDF (.pdf), and Plain text (.txt). Files can be stored in the phone's memory or on a memory card.

---

**Note:** You can not view files saved in Office 2007 formats (.docx, .xlsx, .pptx).

---

1. From Idle mode, press **Menu** and select **Media** → **Other files**.

2. Select a file and press the **Options** soft key to choose from the following options:
  - **Send via:** allows you to send another file to a Bluetooth enabled device.
  - **Delete:** allows you to delete the Selected, Multiple, or All files.
  - **Move:** allows you to move the Selected, or Multiple files to another location or folder.
  - **Copy:** allows you to copy the Selected, or Multiple files to another location or folder.
  - **Rename:** allows you to change the name of the selected file.
  - **Create folder:** allows you to create a new folder in which to contain other files.
  - **Sort by:** allows you to sort files by Date, Type, Name, or Size.
  - **Bluetooth visibility:** allows you to enable Bluetooth so you can share the selected file or multiple files with other Bluetooth devices.
  - **Lock/Unlock:** allows you to lock the file to protect it from deletion or unlock it to allow deletion.
  - **Properties:** displays Basic details about the selected file.

## Memory status

You can check the amount of memory used or remaining on the phone or memory card in the following categories.

**On phone:** Photos, Music, Images, Sounds, Videos, Other files, Games and Apps).

**On memory card:** Photos, Music, Images, Sounds, Videos, Files.

1. From Idle mode, press **Menu** and select **Media** → **Memory status**.
2. Press the **Left** or **Right** navigation keys to move between the memory status On phone and On memory card.

## Section 10: Changing Your Settings

---

This section explains the sound and phone settings for your phone. It includes such settings as: display, security, memory, and any extra settings associated with your phone.

### Personalize

Using this menu you can personalize the Sound, Display, Phone, Messaging key, Language, Greeting message, and Time and Date.

### Sound profiles

Sound profiles are groups of customized sound settings to make your phone behave differently in various situations. For example, you may want to silence the phone in a theatre or have your incoming call ringtone play loudly when you are outdoors.


1. From Idle mode, press **Menu** and select **Settings** → **Personalize** → **Sound profiles**.

The following options display:

- **Normal:** for use in situations that do not require special sound settings.
- **Silent:** for situations where you do not want your phone to use audible sounds or vibrate.
- **Vibration:** the phone vibrates but does not play any sounds.
- **Driving:** for use while driving.
- **Outdoor:** for use outdoors or in loud environments where it may be difficult to hear alert tones.

2. Highlight a profile and press **Save**.

---

**Note:** You can turn the Vibration profile on at any time by pressing and holding . The phone displays the message "Vibration profile on". Press and hold this key again to return to the previous mode.

---

### Viewing and Changing Profile Settings

To view or change the settings for a profile, open the Sound Profile screen (see above), choose the profile you want to change and select **Options** → **Edit**.

Each profile is divided into three setting categories you can scroll to using the left and right navigation keys.

- **Incoming call:** Lets you specify the way the phone alerts you to incoming calls. For example, you can choose to be alerted by a melody or by vibration and melody. You can also specify ringtone and set audio volume.

- **New messages:** Lets you specify the manner in which the phone alerts you to incoming messages, the message alert tone and the frequency of alert reminders.
- **Phone sounds:** Lets you specify the sounds made by the phone when you press a key or turn the phone on or off.

To see all options for a specific setting, choose it and press **Edit**.

To change the setting, use the navigation keys to highlight another setting and press **OK**.

To save changes made to the profile settings, press **Options** and select **Save**.

### **Incoming call settings**

- **Call alert type:** Specifies how you want to be alerted to incoming calls (Melody, Increasing melody, Vibration then melody, Vibration and melody, Vibration and increasing melody).
- **Ringtone:** Lets you select a ringtone for incoming voice calls from the Media folders.
- **Ringtone volume:** Lets you specify the volume for the selected ringtone (level 1 to 7).

### **New messages settings**

- **Message alert type:** Lets you specify how you want to be alerted to incoming messages (Melody, Vibration, Vibration and melody, Mute).
- **Message alert tone:** Lets you specify an alert tone for incoming messages.
- **Message alert repetition:** Lets you specify whether the message alert tone notifies you of a new message Once, Every 1 minute or Every 2 minutes until you open the message.
- **Alert tone volume:** Lets you specify the volume for the selected alert tone (level 1 to 7).

### **Phone sounds settings**

- **Keypad Tone:** Lets you specify the tone played when you press a button on the keypad (Beep, Glossy or Off).
- **Power on type:** Lets you specify whether the phone plays a response when you turn it on (Melody, Vibration, Vibration and melody, Mute).
- **Power off type:** Lets you specify whether the phone plays a response when you turn it off (Melody, Vibration, Vibration and melody, Mute).
- **Volume:** Lets you specify the volume for phone sounds from level 0 (Mute) to level 7.

### **Display settings**

In this menu, you can change various settings for the display or backlight.

- From Idle mode, press **Menu** and select **Settings** → **Personalize** → **Display settings**.

The following options display:

## **Wallpaper**



This menu allows you to change the background image to display in Idle mode.

1. From Idle mode, press **Menu** and select **Settings** → **Personalize** → **Display settings** → **Wallpaper**.
2. Choose a file from the Media folders on your phone or memory card: Photos (for pictures taken with the camera in the phone) or Images (for Wallpapers supplied with the phone or Downloaded images), then press **Select** → **Set**. For more information on using the Media folders, see see “Media” on page 59.



## **Dialing display**

This menu allows you to select the type, size, and color of your dialing font and the background color.



To change the type of the font:

1. From the **Display settings** menu, highlight **Dialing display** and press the **Select** soft key or .
2. Select the **Font type** option and press the **Select** soft key or .
3. Use the **Left** or **Right** Navigation key to select between: **Normal 1** or **Normal 2** and press **Save**.



To change the size of the font:

1. From the **Display settings** menu, highlight **Dialing display** and press the **Select** soft key or .
2. Select the **Font size** option and press the **Select** soft key or .
3. Use the **Left** or **Right** Navigation key to select between: **Small**, or **Large** or **Medium** and press **Save**.

To change the color of the font:

1. From the **Display settings** menu, highlight **Dialing display** and press the **Select** soft key or .
2. Highlight the **Font color** option and press the **Select** soft key or .
3. Use the **Left** or **Right** Navigation key to select either **Monochrome**, **Gradation**, or **Basic** (black or white). If you select **Monochrome** or **Gradation**, select a colour by pressing the **Down** Navigation key and then scrolling through the available choices.
4. Press **Save** to save your change or **Back** to exit without saving changes.

To change the background color:

1. From the **Display settings** menu, highlight **Dialing display** and press the **Select** soft key or .
2. Highlight the **Background color** option and press the **Select** soft key or .
3. Use the **Left** or **Right** Navigation key to select between 21 different colors.
4. Press **Save** to save your change or **Back** to exit without saving changes.

### **Brightness**

You can adjust the display brightness for best viewing in different lighting conditions.

1. Press the **Left** or **Right** Navigation keys to adjust the level (from 1-5).
2. Press **Save** to save your changes.

### **Backlight time**

This menu allows you to select the length of time the screen backlight remains on at full brightness and the time it remains on but dimmed while the phone is idle.

The **On** setting is how long the screen backlight is on at full brightness.



1. Highlight the **On** field and press .
2. Highlight a selection (**5 seconds**, **15 seconds**, or **30 seconds**) and press **OK**.

The **Dim** option is how long the screen backlight remains on in the dimmed state.

1. Highlight the **Dim** field and press .
2. Highlight a selection (**Off**, **5 seconds**, **15 seconds**, or **30 seconds**) and press **OK**.

### **Keypad light**

In this menu you can configure the keypad light to turn on whenever they keypad is used ("Use at any time") or only when it is used during a selected time window ("Use at custom time").

To set a custom time:

1. Highlight the **Set time** field and press the right or left navigation key to display **Use at custom time**.
2. Highlight the **After time** field and enter the time you want the keypad light to begin operating (for example, 5:00PM)
3. Highlight the **Until time** field and enter the time you want the keypad light to stop operating (for example, 9:00 AM).
4. Press **Save** to save your selections or **Back** to cancel.

### **Phone settings**

You can use this menu to customize various phone settings.

- From Idle mode, press **Menu** and select **Settings** → **Personalize** → **Phone settings**.

The following options are available.

### **Airplane mode**

When you are in locations where you are not permitted to send or receive calls or access online information, Airplane mode lets you use all other phone functions. When it is on, the Airplane Mode icon is displayed on the Idle screen.

- Highlight **On** or **Off** and press **Save**.

## Auto key lock

Locks the phone keys whenever the screen goes off (when keypad has been idle for the length of time controlled by the Backlight time settings On and Dim, see above).

1. From Idle mode, press **Menu** and select **Settings** → **Personalize** → **Phone settings** → **Auto key lock**.
2. Press **Off** or **On** and press the **Save** soft key.

## USB mode

This menu selects whether a default application is launched on your phone when an active USB connection is detected or you are asked which application to launch.

---

**Important!:** Bluetooth communication must be disabled before a USB connection can be initiated.

---

1. From Idle mode, press **Menu** and select **Settings** → **Personalize** → **Phone settings** → **USB mode**.
2. Select one of the following USB modes:
  - **Samsung PC studio:** sets PC Studio to launch as the default application when a USB connection is detected.
  - **Ask on connection:** opens a selection window that requires you to choose the connection type (Samsung PC Studio or Mass storage).
  - **Mass storage:** The PC recognizes a microSD card in your phone as a storage drive, allowing you to transfer files to and from the card. The card name appears in the list of disk drives in My Computer on the PC.

## Security

### Lock phone

When the phone lock is enabled, the phone password must be entered each time the phone is switched on. The phone remains operational until switched off. To change the phone password, see.

- From Idle mode, press **Menu** and select **Settings** → **Personalize** → **Phone settings** → **Security** → **Lock phone**.

The following options are available:

- **Disable:** you are not asked to enter the phone password when you switch on the phone.
- **Enable:** you are required to enter the phone password when you switch on the phone.

## Change phone password

The Change password feature allows you to change your current phone password to a new one. You must enter the current password before you can specify a new one.

Once you enter a new password, you are asked to confirm the change by entering the password again.

1. From Idle mode, press **Menu** and select **Settings** → **Personalize** → **Phone settings** → **Security** → **Change phone password**.
2. Enter your current password and press **Confirm**.
3. Enter the new password and press **Confirm**, then enter the new password again and press **Confirm**.

---

**Note:** If you change your password, be sure to record it and keep it in a safe place. If you forget your password, contact your Service Provider for assistance.

---

## Check PIN code

When the Check PIN code feature is enabled, you must enter your PIN each time you switch on the phone. Consequently, any person who does not have your PIN cannot use your phone without your approval.

---

**Note:** Before enabling or disabling the PIN Check feature, you must enter your PIN.

---

The following options are available:

- **Disable:** the phone connects directly to the network when you switch it on.
- **Enable:** you must enter the PIN each time the phone is switched on.

## Change PIN code

This feature allows you to change your current PIN, provided that the Check PIN code feature is enabled. You must enter the current PIN before you can specify a new one.

Once you enter a new PIN, you are asked to confirm the PIN number by re-entering it.

## Set FDN mode

FDN (Fixed Dial Number) mode, if supported by your SIM card, allows you to restrict your outgoing calls to a limited set of phone numbers stored on your SIM card.

The following options are available:

- **Disable:** you can call any number.
- **Enable:** you can only call phone numbers stored in the FDN list. You must enter your PIN2. You can obtain your PIN2 from WIND's customer service.

---

**Note:** With FDN mode enabled, you can not dial any number other than those in the FDN list.

---

## Change PIN2 code

The Change PIN2 feature allows you to change your current PIN2 to a new one. You must first enter the current PIN2 (obtained from WIND) before you can specify a new one. Once you enter a new PIN2, you are asked to re-enter the new PIN2 to as confirmation.

---

**Note:** Not all SIM cards have a PIN2. This menu does not display if your SIM card does not have the PIN2 feature.

---

## Messaging key


This menu allows you to customize the Messaging key by selecting whether it opens the Create message screen or your Inbox. You can modify this setting any time.

1. From Idle mode, press **Menu** and select **Settings** → **Personalize** → **Messaging key**.
2. If this is the first time you are programming this key, read the information that displays and press **OK**.
3. Highlight **Create message** or **Inbox** and press **Assign**.

## Memory settings

### Clear memory


From this menu you can clear the memory for Media, Messages, Contacts, Calendar, Tasks, Memo, or Games and more. You can all select All to clear everything listed.

1. From Idle mode, press **Menu** and select **Settings** → **Personalize** → **Memory settings** → **Clear memory**.
2. Highlight each selection you want to make and press  to place a check mark in the selection box.  
A check mark displays next to each memory area to be cleared clear.
3. Press **OK** to clear the memory.
4. Enter your password in the **Password** field and press **Confirm**.

5. At the **Clear?** prompt, press **Yes** to confirm your action or **No** to cancel.

## **Memory card settings**

From this menu you can view details about the memory card, format the memory card, rename the memory card, or turn Bluetooth visibility on or off.

1. From Idle mode, press **Menu** and select **Settings** → **Personalize** → **Memory settings** → **Memory card settings**.
2. Select one of the following options and press .
  - **Memory card details:** displays information about the memory card such as Name, Maximum size and Available memory.
  - **Format memory card:** allows you to reformat the memory card.
  - **Rename memory card:** allows you to rename the memory card.
  - **Bluetooth visibility On/Off:** allows you to turn the Bluetooth visibility On or Off.



## **Memory status**

You can check the amount of the memory used and memory remaining for Shared memory, Messages, Media, Calendar, Tasks, Memo, and Contacts.

1. From Idle mode, press **Menu** and select **Settings** → **Personalize** → **Memory settings** → **Memory status**.
2. Highlight a category for which you want to view the memory status and press **Select**.  
The status for that category displays.

## **Language**

This menu allows you to select a language for Screen text and Input language.


1. From Idle mode, press **Menu** and select **Settings** → **Personalize** → **Language**.
2. Highlight the **Screen text** field and press .
3. Select one of the following options and press **OK**.
  - Automatic (read from your SIM card)
  - English
  - Français (French)
4. Highlight the **Input language** field and press .

5. Select one of the following options and press **OK**.
  - English
  - Français (French)
6. Press **Save** to confirm your selections.

## Greeting message

This menu allows you to set a greeting to display briefly when the phone is switched on.

For details about entering characters, see “*Entering Text*” on page 33.

1. From Idle mode, press **Menu** and select **Settings** → **Personalize** → **Greeting message**.
2. Press  to clear the text and enter the message you want to display in the greeting.

Press the **Options** soft key to access the following options:

- **Save**: allows you to save the current greeting message.
- **Input language**: allows you to change the text input language for entering the greeting message.
- **Edit style**: allows you to configure the Font color, Font size, or Font type for this greeting message.
- **Cancel**: cancels the change to the greeting message.

## Time and Date

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

1. From Idle mode, press **Menu** and select **Settings** → **Personalize** → **Time and date**.
2. The following options are available:

- **Time zone update**: allows you to receive time information from WIND's network.
  - **Automatic**: the phone automatically updates the time and date according to the current time zone using the network service.
  - **Manual only**: you need to manually set the time and date (see below).
  - **Prompt first**: the phone asks for a confirmation before the update.

If Manual only or Prompt first is selected, the following options are enabled:

- **Home zone**: Lets you specify your location relative to Greenwich Mean Time. Press the left or right navigation button to move the vertical bar on the map to your time zone. One or more well-known cities within the selected time zone are displayed below the map. To enable or disable daylight saving, highlight **Daylight saving** and press  to add or remove the check mark at the left side. Press **OK** to return to the previous screen.

- **Time:** allows you to change the hour and minute.
- **Date:** allows you to enter the month, day, and year.
- **Time format:** allows you to select whether your time displays in either a 12 hour or 24 hour format.
- **Date format:** Lets you specify the date format you prefer. Press Edit, highlight a selection (DD/MM/YYYY, MM/DD/YYYY, YYYY/MM/DD, YYYY/DD/MM).

3. Press **Save**.

---

**Note:** Automatic updates of time and date do not change the time set for alarm settings or calendar memos.

---

## **Bluetooth**

### **About Bluetooth**

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 30 feet without requiring a physical connection.

Unlike infrared, you don't need to line up the devices to beam information with Bluetooth. If the devices are within a range of one another, you can exchange information between them, even if they are located in different rooms.

The following Bluetooth options are available:

### **Turn Bluetooth On/Off**

This option toggles Bluetooth On or Off (if Bluetooth is switched off, the menu option is Turn Bluetooth on; if Bluetooth is on, the menu option is Turn Bluetooth off).

► From Idle mode, press **Menu** and select **Settings** → **Bluetooth** → **Turn Bluetooth on/off**

---

**Note:** Turn off Bluetooth when it is not required to save battery life and in situations where Bluetooth use is prohibited, such as on airplanes.

---

## **My devices**


This option allows you to search for new Bluetooth devices.

► From Idle mode, press **Menu** and select **Settings** → **Bluetooth** → **My devices**.

The phone searches for available devices and displays list of devices found.



## ***My visibility***

When Bluetooth Visibility is turned on, your phone is wirelessly transmitting its phone name and status. This can be useful if you are attempting to connect additional Bluetooth devices but can pose a security risk and allow unauthorized connection. This feature should be paired with a Bluetooth security option.

1. From Idle mode, press **Menu** and select **Settings** → **Bluetooth** → **My visibility**.
2. Highlight a selection (On/Off/Custom) and press the **Select** soft key or .


## ***My phone name***

When your phone's Bluetooth visibility is turned On, it identifies itself using the name entered into this text field. This name can be altered by erasing the pre-existing text and entering a new text string in its place. This feature should be paired with a Bluetooth security option.

1. From Idle mode, press **Menu** and select **Settings** → **Bluetooth** → **My phone name**.
2. Press  to erase the previous name.
3. Use the phone's keypad or keyboard to enter a new name. The default input entry method is ABC (A Eng), which enters individual letters, all in upper case. You can also select T9 English (T9 Eng) mode using the right soft key.
4. Press the **Save** soft key or  to save the new name.


## ***Security mode***

When Bluetooth Visibility is turned on, your phone is wirelessly transmitting its phone name and status. This transmission can pose a security risk and allow unauthorized connection to your phone. It is recommended that you activate your phone's Bluetooth security.

1. From Idle mode, press **Menu** and select **Settings** → **Bluetooth** → **Security mode**.
2. Highlight **On** or **Off** and press the **Select** soft key or .

## ***Remote SIM mode***

Remote SIM mode lets a Bluetooth phone car kit access contact information stored on your SIM card.

1. From Idle mode, press **Menu** and select **Settings** → **Bluetooth** → **Remote SIM mode**.
2. Highlight **On** or **Off** and press the **Select** soft key or .



## Features

Actually, the Bluetooth specification is a protocol that describes how the short-range wireless technology works, whereas individual profiles describe the services supported by individual devices. Profiles reduce the chance that different devices integrate.




The following Service profiles are available:

- **Headset:** the remote Bluetooth headset enables both incoming and outgoing calls.
- **Handsfree:** the remote Bluetooth car kit enables both incoming and outgoing calls.
- **Bluetooth stereo headset:** used to listen to music through a Bluetooth stereo headset.
- **File transfer:** used to transfer files to and from Bluetooth devices.
- **Object push:** used to exchange personal data (namecards, contacts, etc.) with Bluetooth devices.
- **Basic printing:** used to print images, text messages, personal data such as namecards and appointments, etc. through a Bluetooth-enabled printer.
- **Serial port:** the remote Bluetooth device acts as a virtual serial port.
- **SIM access:** provides access to the SIM card through Bluetooth.

## Call settings


### Answering mode

The Answering mode menu selects the available method for answering a call on your phone.

1. From Idle mode, press **Menu** and select **Settings** → **Call settings** → **Answering mode**.
2. Highlight a selection and press **Save** or . Options include:
  - **Send key:** you can answer an incoming call by pressing either the **Accept** soft key or the  key.
  - **Any key:** you can answer an incoming call by pressing any key on your phone except Reject or .


### Auto redial

In this menu, you can automatically redial the last number if the call was cut off or you were unable to connect.

1. From Idle mode, press **Menu** and select **Settings** → **Call settings** → **Auto redial**.
2. Highlight a selection and press **Save** or . Options include:
  - **Off:** the phone does not automatically redial the last number if the call is disconnected or cut off.
  - **On:** the phone automatically redials the number.

## Show my number

In the Show my number menu you can select how your ID is handled when an outgoing call is initiated.

1. From Idle mode, press **Menu** and select **Settings** → **Call settings** → **Show my number**.
2. Highlight your selection and press  to make your selection.
3. Press **Save** to save your new selection. Options include:
  - **Set by network**: uses the default network information to identify you to the other party.
  - **Show number**: displays your identifying information to the other recipient.
  - **Hide number**: hides your identifying information from the other recipient.

## Call forwarding


This network service allows re-routing of incoming calls to a secondary number that you specify.

---


**Example:** You may wish to forward your business calls to a colleague while you are on holiday.

---


To activate call forwarding options:

1. From Idle mode, press **Menu** and select **Settings** → **Call settings** → **Call forwarding**.
2. Highlight your selection and press **Select** or  to make your selection. Options include:
  - **Always**: all calls are forwarded until this feature is cancelled.
  - **If busy**: calls are forwarded when you are already on another call.
  - **If no reply**: calls are forwarded when you do not answer the phone. If you select this option, select (from the Waiting time field) the length of time the network waits before forwarding a call.
  - **If out of reach**: calls are forwarded when you are not in an area covered by WIND or when your phone is switched off.
  - **Cancel all**: Cancels call forwarding.
3. Enter the number that calls are to be forwarded to in the **Forward to** text box or press **Options** and select **Contacts** to select a number from Contacts.

---

**Tip:** To enter an international code, press and hold the  key until the + sign displays.

---

4. Press  to save the changes or **Options** to access the following options:

- **Contacts:** Lets you select the number that calls are to be forwarded to from Contacts.
- **Activate:** Activates Call Forwarding.
- **Deactivate:** Deactivates Call Forwarding.
- **Check status:** The current status displays. If call forwarding is set, the number to which calls are forwarded displays.

The phone sends your settings to the network and the network's acknowledgement displays.



### **Call barring (SIM Card Dependent)**

Call Barring allows you to restrict various types of calls from being made or received with your phone. This option is SIM dependent and requires a subscription. For more information, contact your service provider.

### **Call waiting**


This network service informs you when someone is trying to reach you during another call.

To set your call waiting options:

1. From Idle mode, press **Menu** and select **Settings** → **Call settings** → **Call waiting**.
2. If Call waiting is not activated, press  to activate. If Call waiting is activated, press  to deactivate. You can also press **Options** to access the following options:
  - **Activate:** Activates Call waiting.
  - **Deactivate:** Deactivates Call waiting.
  - **Check status:** The current status displays (Activated or Deactivated).

### **Call status tones**

Lets you activate alert tones that sound during a call.

1. From Idle mode, press **Menu** and select **Settings** → **Call settings** → **Call status tones**.
2. Highlight each status tone you want to enable or disable and press  to insert or remove the check mark beside your selection. The following options are available:
  - **Call connect tone:** Sounds a tone when a call connection is successful.
  - **Minute minder:** Sounds a tone after each minute of a call.
  - **Call end tone:** Sounds a tone when a call connection is terminated.
3. Press **Options** and select **Save** to save your selection.

## Alerts on call

Lets you specify whether you want to be alerted by a tone when a message is received or the time for an alarm is reached while you are on a call.

1. From Idle mode, press **Menu** and select **Settings** → **Call settings** → **Alerts on call**.
2. Highlight **Off** or **On** and press **Save**.

## Auto reply

This feature sets up an automatic text reply for incoming calls. To enable Auto reply:

1. From Idle mode, press **Menu** and select **Settings** → **Call settings** → **Auto reply**.
2. Highlight the **Activation** field and press the Right navigation key to turn the Activation **On**.
3. Press the Down navigation key and enter a reply message in the **Reply to send** field.
4. Press **Options** and select **Save** to save your selection.

## Call log management

### Call time

This menu lets you view the time log for calls made and received.

---

**Note:** The actual time invoiced by WIND may differ from times displayed on your phone due to network features and service plan.

---

The following time logs are available:

- **Last voice call time:** shows the length of your last call.
- **Total sent:** shows the total length of all calls you have made since the timer was last reset.
- **Total received:** shows the total length of all calls you have received since the timer was last reset.

### Delete history

This menu allows you to delete the records in each call record separately, or you can delete all of your call records at one time.

1. From Idle mode, press **Menu** and select **Settings** → **Call settings** → **Call log management** → **Delete history**.
2. Highlight each call log you want to delete and press  to insert a check mark beside your selection. The following options are available:

- All calls
  - Missed calls
  - Dialed calls
  - Answered calls
3. Press **Delete**.
  4. At the **Delete?** prompt, press **Yes** to delete the selected category, or **No** to cancel.

## Advanced

### Network



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

---


**Note:** You can select a network other than your home network only if there is a valid roaming agreement between the two.

---

To change your Network selection setting:

1. From Idle mode, press **Menu** and select **Settings** → **Advanced** → **Network** → **Default setup**.
2. Highlight one of the following options and press the **Select** soft key or .
  - **Automatic:** you are connected to the first available network when roaming.
  - **Manual:** the phone displays a list of available networks when roaming. Highlight the network you want to connect to and press the Select soft key or .  
The phone attempts to connect to the selected network. If a connection is available, you are connected.

To manually find and select a network:


1. From Idle mode, press **Menu** → **Settings** → **Advanced** → **Network** → **Search now**.
2. Highlight the network you want to connect to and press the **Select** soft key or .  
The phone attempts to connect to the selected network. If a connection is available, you are connected.

## Reset settings

### Reset settings

From this menu you can reset your phone's settings to default settings.

To reset your settings:

1. From Idle mode, press **Menu** and select **Settings** → **Reset settings** → **Reset settings**.
2. Highlight each type of setting you want to reset and press  to insert a check mark beside the selection. The following options are available:
  - **All:** Phone, Display, and Sound settings are returned to default values.
  - **Phone settings:** only phone settings are returned to default values.
  - **Display settings:** only display settings are returned to default values.
  - **Sound settings:** only sound settings are returned to default values.
3. Press **Reset**, enter your password and press **Confirm**.
4. At the **Reset settings?** prompt, press **Yes** to confirm or **No** to cancel.

### Master reset

The Master reset option resets your phone's settings to default values, similarly to the Reset Phone option described above, but also deletes all user data.

---

**Note:** All user data such as contacts, messages, pictures, videos, and music will be deleted and can not be recovered.

---

1. From Idle mode, press **Menu** and select **Settings** → **Reset settings** → **Master reset**.
2. Enter your password and press **Confirm**.
3. At the **Reset settings?** prompt, press **Yes** to reset the settings or **No** to cancel.

## Section 11: Applications

---

This section outlines the various applications that are available on your phone.




Applications allow you to set alarms, use voice recognition, create tasks, save memos, perform simple math calculations and calculate tips, check time in different time zones, perform unit conversions, and use a timer or stopwatch.






### Alarm

This feature allows you to:

- Set up to 3 alarms to ring at specified times.
- Set the phone to switch on automatically and ring the alarm even if the phone is switched off.

To set an alarm:

1. From Idle mode, press **Menu** and select **Applications** → **Alarms**.
2. Choose an alarm (**Alarm 1**, **Alarm 2** or **Alarm 3**) and press the **Select** soft key or .
3. If you want to change the name of the alarm, highlight the **Name** field, and press  to backspace, then enter a new name for this alarm (limited to 15 characters).
4. Press the Down navigation key and highlight the **Alarm activation** field.
5. Press the Right navigation key to select **On**. The remaining alarm settings are activated.
6. Press the Down navigation key to highlight **Alarm time**. Enter the time you want the alarm to sound.
7. Press the Down navigation key to highlight **Alarm type** and press . Select one of the following alarm types:
  - **Melody**: the alarm rings using the selected ring melody.
  - **Increasing melody**: the volume of the melody increases.
  - **Vibration**: the phone vibrates but does not play a tone.
  - **Vibration then melody**: the phone vibrates three times and then starts playing a melody.
  - **Vibration and melody**: the phone vibrates and plays a melody simultaneously.
  - **Vibration and increasing melody**: the phone vibrates and plays a melody with increasing volume.

8. Press the Down navigation key to highlight **Alarm tone**. Press  to display a list of tones from which to choose. Press **Select** to select a tone from the list. To listen to a tone, highlight the file and press **Play**. To select the tone, press **Add**.
9. Press the Down navigation key to highlight the **Alarm volume** field.
10. Press the Left or Right navigation key to decrease or increase the volume.
11. Press the Down navigation key to highlight the Alarm day panel. Press  to display a list of days.
12. Highlight each time you want the alarm to sound and press  to insert a check mark beside the selection.  
The following options are available:
  - **Every day**: the alarms sounds every day at the same time.
  - **Once only**: the alarm only sounds once
  - **Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday**: the alarm sounds each week on the selected day
13. Press **OK** to confirm your selections.
14. If you want to enable the Snooze option, press the Down navigation key to highlight the **Snooze** field. Press the Right navigation key to select a snooze time: **Off**, **1 min**, **3 min**, **5 min**, **7 min**, or **10 min**.
15. Press the Down navigation key to highlight the **Repeat** field. Press the Right navigation key to select the number of repeats: **1 time**, **2 times**, **3 times**, **5 times**, or **10 times**.
16. Press  or press **Options** and select **Save** to confirm your settings.
17. Press  to return to Idle mode.

To stop the alarm when it rings, press any key. If Snooze is enabled, you can press the **Snooze** soft key to delay the alarm.

### **Auto power**

Auto power allows the phone to power on if it is switched off when an alarm time occurs. To turn Auto power on:

1. From Idle mode, press **Menu** and select **Applications** → **Alarms** → **Auto power**.
2. Highlight **On** and press **Save** or .



## Voice Recognition

Nuance voice recognition software is an advanced speech recognition program that can be used to activate a wide variety of functions on your phone. Nuance software automatically voice activates up to 2,000 contacts for voice dialing and searching. No pre-recording or training is required. Speak a contact name to dial, and use your voice to look up contacts, launch applications and navigate phone menus.

1. In Idle mode, press **Menu** and select **Applications** → **Voice recognition**.
2. After the voice prompt "Say a Command", speak a command. A list of available commands is provided below.

---

**Note:** This list of voice commands is briefly displayed.

---

### **Say a Command Options**

- **Call <Name or #>**: dials the spoken number or the number associated with the spoken name in your contact list. If multiple numbers exist (i.e., home, work, cell phone), say the name and the number type.
- **Send Text <Name or #>**: displays the Create message screen.
- **Lookup <Name>**: locates and displays contact information stored in the Contacts list.
- **Go to <App>**: opens the phone application (Web, Calendar, Ringtones, Tasks, Contacts, Voice mail, Games). Application must be activated.
- **Check <Item>**: Reports various phone status readings (Status, Messages, Missed Calls, Time, Signal Strength, Network, Battery, My Phone Number).

While the Say a command screen displays you have two options:

- **Tutorial**: provides examples of how to use the voice commands.
- **Settings**: lists the settings and information for voice command software:
  - **Confirmation**: Sets whether the system asks for confirmation of what is said (Automatic, Always Confirm, Never Confirm).
  - **Adaptation**: Trains the software to respond to your voice.
  - **Audio Modes**: Sets the level of audio guidance to Prompt Mode (audio and screen prompt), Readout Mode (audio and screen prompt, audio help), Expert Mode (screen prompt and beep only).
  - **Speakerphone**: Automatic (uses phone setting), Always On, Always Off.
  - **About**: Displays the software version.

If the phone does not recognize a command, it issues the voice prompt "Sorry, Command not recognized. Try Again?" Say Yes to try again, No to access options screen that provides two choices:

- **Help:** provides instructions on how to use voice commands.
- **Restart:** Returns to the Say a Command screen.

### ***Voice Recognition Tips***

- Speak clearly about 3-8 inches from the microphone when giving a command. There is no need to speak slowly or with added emphasis. The voice recognition software has been optimized to understand speech in its natural form. If it does not recognize your command after a few seconds, a voice prompt asks you to repeat the command. If it does not recognize your command again, it issues the voice message “Sorry, command not recognized,” and voice recognition turns off.
- You must end your current Voice Commands call before you can make another call using Voice Commands. To make a three-way call, only the first call can be made using Voice Commands.
- Wait for the tone before you speak.
- In very noise environments, it may be helpful to use a headset or a Bluetooth headset.

### ***Contacts List Voice Activation***

On startup, Nuance reads your Contacts list and voice-activates all the names.

When you add or change contacts, Nuance automatically reloads and voice-activates the list.

### ***Voice recognition examples***

The following examples assume that the Mode setting is set to Prompt Mode or Readout Mode (so audio prompts are provided).

#### **Name Dialing**

To use Name Dial, there must be contact information stored in Contacts.

1. In Idle mode, press **Menu** and select **Applications** → **Voice recognition**.
2. After the voice prompt “Say a Command”, say “**Call**” followed by the first and last name of the contact that you want to dial.

The name that you said is repeated through the earpiece and your phone dials the number, or if Nuance is not sure of the name that you said, it asks “Did you say” followed by a name and listens for a response. If you say “**Yes**” the name repeats and your phone dials the number. If you say “**No**”, Nuance asks again or says “Sorry, Command not recognized, try again? Say **Yes** to try again, **No** to access the options screen (see above).”

## Send Text Message

To access Voice recognition:

1. In Idle mode, press **Menu** → **Applications** → **Voice recognition**.
2. After the voice prompt "Say a Command", say "**Send Text**" at a distance of 3-8 inches from the microphone. "Say the Name" plays through the earpiece.
3. Say the first and last name of the contact that you want to message.

The Text Message client launches, allowing you to compose your text message, or if Nuance is not sure of the name that you said, it asks "Did you say" followed by a name and listens for a response. If you say "**Yes**" the text message client launches. If you say "**No**", Nuance asks again or says "Sorry, Command not recognized, try again? Say **Yes** to try again, **No** to access the options screen (see above).

## Name Lookup

To perform a name lookup, there must be entries in your Contacts list.

1. In Idle mode, press **Menu** → **Applications** → **Voice recognition**.  
After the voice prompt "Say a Command", say "**Lookup**" at a distance of 3-8 inches from the microphone. "Say the name" plays through the earpiece.
2. Say the name exactly as it displays in Contacts, first name followed by last name.
3. The contact name displays on the screen with other information that you've entered for that contact.

## Opening Applications

You can open an application or access a menu on your phone using Voice recognition.

1. In Idle mode, press **Menu** and select **Applications** → **Voice recognition**.
2. After the voice prompt "Say a Command", say "**Go to**" at a distance of 3-8 inches from the microphone. A list of applications displays and Nuance asks "Which shortcut?".
3. Say the name of one of the applications. The application opens.

---

**Note:** You can also say, "Go to" followed by the name of the application, e.g., "Go to Web".

---

## Checking Phone Status

Use the Check command to see and hear status information from your phone, including its phone number, status, current signal strength, and battery level.

To check phone status:

1. In Idle mode, press **Menu** and select **Applications** → **Voice recognition**.
2. After the voice prompt "Say a Command", say "**Check**" at a distance of 3-8 inches from the microphone. A list of options displays.

The spoken application menu option displays.

## Voice Recognition Settings

### Confirmation

When Nuance does not clearly recognize a name or number, it can display a confirmation list that prompts you to select a choice. There are three options for using the confirmation list:

- **Automatic:** Nuance displays a confirmation list when it is not sure if it has correctly recognized the name or number and there is more than one possible choice. This is the default setting.
- **Always Confirm:** Nuance always displays a confirmation list, even when there is only one choice.
- **Never Confirm:** Nuance never displays a confirmation list.

To change the setting:

1. In Idle mode, press **Menu** and select **Applications** → **Voice recognition**.
2. From the "**Say a command**" screen, press **Settings** and select **Confirmation**.
3. Highlight one of the options and press **OK**.

### Adaptation

Voice adaptation can significantly improve the recognition accuracy of your specific voice. After adaptation, your phone recognizes only your voice. Other users are not able to use the handset with Nuance unless the handset is reset to factory defaults.

Adaptation requires reading multiple sequences of digits. The entire process takes approximately one minute.

1. In Idle mode, press **Menu** and select **Applications** → **Voice recognition**.
2. After the voice prompt "Say a Command", press **Settings** and select **Adaptation**. → **Adapt Voice**.

3. Press **Start** and follow the on-screen instructions to complete the adaptation process.

---

**Tip:** Perform the adaptation process in a quiet room.

---

## Audio Modes

The Audio Modes setting selects the level of audio assistance provided when using Nuance. There are three possible levels:

- **Expert Mode:** turns off all voice prompts. Provides screen prompt and an audible "beep" only.
- **Prompt Mode:** Provides a voice prompt and confirmation screen when the software is waiting for you to speak a command. This is the default mode.
- **Readout Mode:** Provides a voice prompt and confirmation screen, similarly to Prompt mode, reads text on the screen, and provides audio help information.

To change the audio mode:

1. In Idle mode, press **Menu** and select **Applications** → **Voice recognition**.  
From the "Say a command" screen, press **Settings** and select **Audio Modes**.
2. Highlight one of the options and press **OK**.

## Speakerphone

The Speakerphone feature controls how Nuance uses the speakerphone.

- **Always On:** audio always plays through the speakerphone
- **Always off:** audio always plays through the internal speaker
- **Automatic:** Nuance uses the speakerphone setting of the phone.

To change the speakerphone setting:

1. In Idle mode, press **Menu** and select **Applications** → **Voice recognition**.  
From the "Say a command" screen, press **Settings** and select **Speakerphone**.
2. Highlight one of the options and press **OK**.




## About

The About option displays information about Nuance including version number, LVR number, build number, device number and web address.

## Tasks

The Task function lets you create a list of tasks to be completed or “to-do list”.


### Entering New Tasks

1. From Idle mode, press **Menu** and select **Applications** → **Tasks**.
2. Press **Options** and select **Create**.
3. In the **Title** text box, give the task a name.
4. In the **Details** text box, describe the task. The entry can be up to 100 characters long.
5. Highlight **Start date**. Using the numeric keypad, enter the start date.
6. Highlight **Due date**. Using the numeric keypad, enter the due date.
7. To enable a warning alarm for a task, highlight **Alarm** and press  to enable the alarm. Highlight **Alarm date** and use the numeric keypad to set the date you want the alarm to occur, then highlight **Alarm time** and set the alarm time. Select **Alarm tone** and press  to open the Sounds menu. To play any of the available tunes, highlight the name and press **Play**. Press **Add** to use the tune as the alarm sound or **Back** to return to the list.
8. Highlight Priority and use the left and right navigation keys to set a priority level (1, 2 or 3).
9. Press  or press **Options** and select **Save**.

### To View Tasks

When you view the Tasks list, the current contents display with a status checkbox and a priority marker. If the item was completed, a check displays in the checkbox. High priority items display a “1” triangle icon, Normal priority items display a “2” triangle icon, and Low priority items a “3” triangle icon.




To view tasks:

1. From Idle mode, press **Menu** and select **Applications** → **Tasks**.
2. To view the details of a specific task, press  or press **Options** and select **View**.

### Editing a Task

To edit a task:

1. From Idle mode, press **Menu** and select **Applications** → **Tasks**.

2. Highlight a task from the list, then press .
3. Highlight a field to edit and press .
4. Edit the items you wish to change and press  when your edits are complete.




## Task Options

From the Tasks menu, you can access the following options by pressing **Options**:

- **View:** Lets you view the details of the highlighted task.
- **Create:** Lets you create new tasks.
- **Send via:** Allows you to send the highlighted task as a Message or to a compatible Bluetooth device.
- **Done/Not Done:** Lets you indicate whether a task is done or not (places or removes check mark beside the task in the task list).
- **List by:** Lets you sort tasks by Done, Due date or Priority.
- **Delete:** Lets you delete the Selected file, Multiple files, or All files.
- **Save in media:** Saves the task details to the Other Files folder.
- **Print via Bluetooth:** Lets you print the task details using a Bluetooth-enabled printer.
- **Missed alarm events:** Lists the scheduled task entries that you have missed.
- **Memory Status:** Shows the number of tasks in your phone and space left. The maximum number of tasks is 100.

## Memo

Memo lets you create and save text files up to 100 characters that can be viewed later.

1. From Idle mode, press **Menu** → **Applications** → **Memo** and press the **Select** soft key or .
2. Press **Options** → **Create** and press  to create a new memo.  
A blank Memo screen displays.
3. Enter your text and press  to save.



From the Memo screen, you can access the following options by pressing **Options**:

- **View:** Allows you to view the contents of a note.
- **Create:** Allows you to create a new note.
- **Send via:** Allows you to send the note to someone else as a message or via Bluetooth.
- **Delete:** Allows you to delete the Selected note, Multiple notes or All notes.
- **Save in media:** Saves the note file to the Other Files folder. The note creation date is added to the file name.

- **Print via Bluetooth:** Lets you print the task details using a Bluetooth-enabled printer.
- **Memory Status:** Shows the number of notes in your phone and space left. The maximum number of notes is 100.

## Calculator

With this feature, you can use the phone as a calculator with basic arithmetic functions (addition, subtraction, multiplication, division). To use the calculator:

1. From Idle mode, press **Menu** and select **Applications** → **Calculator**.
2. Enter the equation you want to solve.
  - Enter numbers using the numeric keys and operators (+, -, × or ÷) using the navigation keys (as indicated on the display).
  - Enter decimal point and brackets using the left soft key (press once for decimal point, continue pressing for brackets).
  - To make corrections, press the \* key to move the cursor to the left in the equation you have entered and the # key to move to the right. Press  to delete the character immediately to the left of the cursor.
3. Press  to view the result.

## Tip calculator

The tip calculator helps you calculate the tip on a meal or service and split the bill between the number of people paying. To use the calculator:

1. Using the numeric keypad and decimal point key, enter the total amount of the bill in **Bill**.
2. If you want a percentage other than the default 15%, choose **Tip (%)** and enter the new value.
3. If more than one person is paying, choose **# paying** and enter the number.
4. The total amount of the tip is shown in **Tip (\$)** and the amount each person pays in **You pay**.


## World Clock

World clock lets you create and view a list that shows the current time in various other parts of the world.

### Add time zones to the list

1. From Idle mode, press **Menu** and select **Applications** → **World clock**.
2. Press **Options** and select **Add**.






3. Use the left and right navigation keys to scroll to a time zone. The screen lists the current time in the time zone, one or more well-known cities within the zone, and the GMT zone. The location of the zone is indicated on the map by a black and white vertical line.
4. To toggle the application of Daylight Savings Time to the selected time zone, highlight Daylight saving and press  to place or remove a check mark in the selection box.
5. Press **OK** to add this time zone to the World clock list.

## Converter

The Converter performs unit conversions in the following categories:




- Currency
- Length
- Weight
- Volume
- Area
- Temperature

To convert a quantity:

1. From Idle mode, press **Menu** and select **Applications** → **Converter**.
  2. Scroll to the conversion type required and press the **Select** soft key or .
  3. Use the left and right navigation keys to select the original unit type.
  4. Highlight the amount field and enter the amount to convert.
  5. Highlight the second Unit field and use the right and left navigation keys to select the final unit type.
  6. The converted value is displayed below the final unit type.
- To reverse the direction of the conversion, press **Options** and select **Reverse**.
  - To change the amount to be converted, highlight the amount field and enter the new value using the numeric keypad.
  - To perform a different conversion, press **Back** to return to the Converter menu.
  - To change the preset currency conversion rates, press **Options** and select **View rate**. Use the left and right navigation keys to select the base rate to be used. Use the up and down navigation keys to select the conversion rate to be changed. Press , change the value as required using the keypad, and press **Save** or .

## Timer

The Timer allows you to count down from a preset time to zero. A series of tones plays when the time reaches zero.



1. From Idle mode, press **Menu** and select **Applications** → **Timer** and press the **Select** soft key or .
2. Using the numeric keys, enter the number of hours, minutes and seconds that you wish to count down (HH:MM:SS), then press .
3. Press  to start the timer.

To pause the countdown, press .

When the count reaches 0, an alarm sounds and the timer icon on the screen flashes. Press **OK** to cancel the alarm.

## Stopwatch

The Stopwatch allows you to time an event and measure sub-intervals such as lap times. To use the stopwatch:

1. From the Idle screen, press **Menu** and select **Applications** → **Stopwatch**.
2. Press  to start the stopwatch. You can measure sub-intervals by pressing .
3. Press **Stop** to stop the count.
4. Press **Reset** to erase the recorded times.

## Section 12: Browser

---

This selection opens the Browser menu, where you can view Internet sites, view sites saved as Bookmarks, create Bookmarks, view your browser history, clear your cache or manage cookies.

### Browser

Your phone is equipped with a browser that allows Web access using your phone.

- From Idle mode, press **Menu** and select **Browser**.

---


**Note:** You can also access the browser directly from the idle screen by pressing the Browser soft key.

---

The following options are available:

### Home


Selecting this menu connects the phone to the network and loads the homepage provided by your service provider.

- In Idle mode, press **Menu** → **Browser** → **Home** and press the **Select** soft key or .




To scroll through the screen, use the **Up** and **Down** keys.

To access the startup homepage from any other screen in the browser, press **Options** and select **Go to** → **Homepage**.

### Exiting the browser

1. To exit the browser at any time, press .
2. At the **Exit Browser?** prompt, press **Yes** to exit or **No** to remain in the browser.

### Navigating the browser

- To scroll through and select browser items, press the up or down navigation key until the item is highlighted, then press  to confirm.
- To select a numbered item, press the corresponding numeric key.
- To return to the previous page, press **Back** or .
- To return to the startup homepage, press **Options** and select **Go to** → **Homepage**
- To exit the browser, press .

## Entering Text in the browser

When you are prompted to enter text, the currently active text input mode is indicated on the screen. For information on available text entry methods, see *“Entering Text”* on page 33.

## Browser Options

While the browser is open, the following options are available by pressing the **Options** soft key:



- **Reload**: reloads the current page.
- **Resize page**: allows you to manually resize the page by sliding the size bar to the left or right.
- **Go to**: navigates to URL address, Homepage, Bookmarks, History, or Saved page.
- **Save**: allows you to save the Image or Page.
- **Add to bookmarks**: adds the current URL to Bookmarks.
- **Send URL via message**: sends the currently viewed URL to a recipient as a message.
- **Page details**: allows you to view details about the current page (Title, Address, Size, MIMEtype, and Last updated).
- **Browser settings**: various settings are available, see *“Browser Settings”* on page 102.
- **Exit browser**: exits the browser page you are viewing and returns to the Home page.

## Enter URL

This menu allows you to manually enter the URL address of a web site that you wish to access.

1. In Idle mode, press **Menu** and select **Browser** → **Enter URL**.
2. Highlight the **URL** field and enter the URL of the site you want to view.

To also save a bookmark for this site:

1. Highlight **Add bookmark** and press  to place a check mark in the selection box.
2. Highlight Title and enter a title for the bookmark.
3. Press  to access the web site.

---


**Note:** For further details about entering characters, see *“Entering Text”* on page 33.

---


## Bookmarks

Bookmarks let you directly access your favorite Internet sites. This menu stores up to 100 URL addresses.

To store a bookmark:

1. In Idle mode, press **Menu** and select **Browser** → **Bookmarks**.
2. Press **Options** and select **Add bookmark**.
3. Enter a name for the bookmark in the **Title** field.
4. Highlight the URL field and enter the address.
5. Press  to save the bookmark.

To access a bookmark:

1. In Idle mode, press **Menu** and select **Browser** → **Bookmarks**.
2. Highlight a bookmark and press **Go** . The browser displays the site.

While viewing the Bookmarks list, the following options are available by pressing the **Options** soft key:

- **Edit bookmark:** allows you to edit the title or URL.
- **Delete:** allows you to delete the Selected or Multiple addresses.
- **Add bookmark:** allows you to enter a new bookmark URL.
- **Send URL via message:** allows you to send the selected bookmark in a text message.


---

**Note:** For further details about how to enter characters, see *“Entering Text”* on page 33.

---


## Saved Pages

This option displays a list of the pages that were saved while navigating the browser.

1. In Idle mode, press **Menu** and select **Browser** → **Saved pages**.
2. To view a page, highlight an entry and press .

## History

This option provides a list of recently visited web sites. You can use these entries to return to previously visited web pages.

1. In Idle mode, press **Menu** and select **Browser** → **History**.
2. To view a page, highlight an entry and press .

## Browser Settings

Various settings are available when you are using the browser to navigate the web.

1. In Idle mode, press **Menu** and select **Browser** → **Browser settings**.
2. Select one of the following options:

### Clear cache

Deletes the information stored in the phone's memory cache (temporary memory where recently accessed web pages are stored to speed up browser operation).


1. In Idle mode, press **Menu** and select **Browser** → **Browser settings** → **Clear cache**.
2. Press the **Yes** soft key to confirm the deletion or **No** soft key to cancel.

### Cookies

Cookies are pieces of information stored on your phone by various web sites that identify who you are when you visit the site and can be used to track your web surfing habits.

#### Cookie mode

Cookie mode allows you to define how your browser handles cookies.

1. In Idle mode, press **Menu** and select **Browser** → **Browser settings** → **Cookies** → **Cookie mode**.
2. Highlight a setting and press **Save** or . The following options are available:
  - **Accept all:** the phone accepts all cookies that are received
  - **Reject all:** the phone rejects all cookies that are received
  - **Prompt:** you are given the option to accept or reject each cookie when it is received.

#### Delete cookies

Cookies are pieces of information stored on your phone by various web sites that identify who you are when you visit the site and can be used to track your web surfing habits. You can delete all cookies for security purposes.




1. In Idle mode, press **Menu** and select **Browser** → **Browser settings** → **Cookies** → **Delete cookies**.
2. At the **Delete cookies?** prompt press **Yes** to confirm deletion or **No** to cancel.

## Preferences

Preferences let you configure how your browser handles multimedia content and web scripts, and how web pages are displayed.

- In Idle mode, press **Menu** and select **Browser** → **Browser settings** → **Preferences**.

The following options are available:

- **Run javascript:** To enable or disable, highlight this selection and press  to place a check mark in the selection box or remove a check mark.
- **Display images:** To enable or disable, highlight this selection and press  to place a check mark in the selection box or remove a check mark.
- **Play sound:** To enable or disable, highlight this selection and press  to place a check mark in the selection box or remove a check mark.
- **View mode:** To change the view mode, highlight this selection and use the right or left navigation key to select Desktop view or Smart-fit view.

## About Browser

About Browser displays information about the browser such as the type and version.

- In Idle mode, press **Menu** and select **Browser** → **Browser settings** → **About browser**.

## Section 13: Photos

---

In this menu you can view the photos you've stored on your phone or memory card.



1. From Idle mode, press **Menu** and select **Photos**.

If there is a microSD memory card in the phone, you can use the left and right navigation keys to switch between phone and memory card access.

---

**Note:** When a memory card is inserted into the phone, a series of folders is automatically created on the card (Photos, Music, Images, Sounds, Videos).

---

2. Use the **Up** or **Down** navigation key to highlight a particular image and press  to view the photo.
3. Press  to exit and return to the Idle screen.

---

**Note:** The Photos menu is also available as a sub-menu in the Media menu (press **Menu** and select **Media** → **Photos**).

---

### Photos Options

► The following options are available when you press the Options soft key with a graphic file highlighted:

- **Send to:** allows you to send the selected photo to one or more recipients.
- **Send via:** allows you to send the selected photo as a Message or to a Bluetooth enabled device.
- **Set as:** allows you to set the photo as Wallpaper or as a Picture ID.
- **Delete:** allows you to delete the Selected, Multiple, or All images.
- **Move:** allows you to move the Selected photo or Multiple photos to another location.
- **Copy:** allows you to copy the Selected photo or Multiple photos to another location.
- **Rename:** allows you to rename the photo.
- **Take photo:** allows you to take another photo.
- **Create folder:** allows you to create a new folder in which to place this photo.
- **Sort by:** allows you to sort photos in this folder by Date, Type, Name, or Size.
- **Bluetooth visibility:** lets you enable Bluetooth visibility for Selected or Multiple files (images stored on phone only).
- **Print via Bluetooth:** allows you to send the selected photo to a Bluetooth enabled printer.



- **Lock/Unlock:** allows you to lock the image to protect it from deletion, or unlock it to allow deletion (images stored on phone only).
  - **Properties:** allows you to view details about the selected image (Name, Format, Resolution, Size, Forwarding, Date Created, Location).
- While viewing a photo, press the **Options** soft key to choose from the following options:
- **Send via:** allows you to send the photo as a Message or to another Bluetooth compatible device.
  - **Set as:** allows you to set the photo as Wallpaper or as a Picture ID.
  - **Delete:** allows you to delete the selected photo.
  - **Rename:** allows you to rename the photo.
  - **Edit image:** allows you to edit a new photograph for an outgoing message.
  - **Bluetooth visibility:** allows you to select one or multiple sounds to share with other Bluetooth devices (images stored on phone only).
  - **Slide show:** displays all photos in the folder in a sequence. Press **Pause** to stop at a particular photo, **Resume** to continue., **Back** to cancel.
  - **Print via Bluetooth:** sends the selected photo to a Bluetooth enabled device.
  - **Lock/Unlock:** allows you to lock the photo to protect it from deletion or unlocks it to allow deletion (images stored on phone only).
  - **Properties:** displays the image Name, Format, Resolution, Size, Forwarding, Date created, and Location.

## **Wallpaper**



To change the screen background image ("Wallpaper"):

1. From Idle mode, press **Menu** and select **Media** → **Photos**.
  2. Highlight a photo from the list and press the **Options** soft key.
  3. Select **Set as** → **Wallpaper**.
  4. Press the **Set** soft key to confirm your selection.
- Your wallpaper selection updates.

## **Deleting Photos**

You can delete photos one by one or all at one time.

1. From the **Photos** menu, highlight the photo you want to delete.
2. Press **Options** → **Delete** then press the Right navigation key.

3. Select **Selected**, **Multiple**, or **All** and press the **Select** soft key or .
4. Press the **Yes** soft key to confirm the deletion.
5. Press  when you are finished.

## Camera

This section explains how to use your phone's built-in camera to take photographs. Additionally, you can send these photos to other people in a Picture message or set a wallpaper or picture ID image.

Your camera produces photos in JPEG format.


You can also record videos (see “*Camcorder*” on page 109).

---


**Note:** Do not take photos of people without their permission.  
Do not take photos in places where cameras are not allowed.  
Do not take photos in places where you may interfere with another person's privacy.

---

## Taking Photos

1. In Idle mode, press **Menu** and select **Photos** → **Camera**. The camera opens in either Camera or Camcorder mode (indicated by the icon on the top left corner of the screen), depending the mode last used. To change the camera mode, press the  key or press **Menu** and select **Camera**.

---

**Note:** You can also access the camera from the Idle screen by pressing the **Camera** key  on the right side of the phone.

---

2. Adjust the image by aiming the camera at the subject and framing the photo you want to take on the screen.
  - Press **Menu** to configure settings or apply effects. For more information, see “Configuring Camera Options” below.
  - You can change the brightness using the up and down navigation keys.
  - You can zoom in and out using the left and right navigation keys.

---




**Tip:** You can use the keypad to quickly change the camera options (see **Camera shortcuts** below).

---

3. Press the **Camera** key  or  to take the photo.

## Camera Options in Capture Mode

Before taking a photo, press **Menu** to access the following camera options:

- **Camera/Camcorder:** allows you to take a picture or record a video.
- **Shooting Mode:** takes a photo in various modes. Once you change the mode, the corresponding indicator displays at the top of the display.
  - **Single:** takes a single photo and allows you view it before returning to the shooting mode.
  - **Continuous:** takes a series of up to nine photos when you hold down the camera button.
  - **Panorama:** automatically creates a panoramic picture consisting of up to six frames. Frame the first image within the white box outline on the screen and press the camera button to take the photo. Move the camera horizontally to the left or right until the frame turns orange, at which time the camera automatically takes the next photo in the sequence. When the camera has taken the required number of frames (up to six), press the camera key or  to process and view the panoramic image.
  - **Smile shot:** the camera closes the shutter when the subject of the photo smiles.
  - **Mosaic:** Allows you to take two or more photos arranged in a mosaic. Press **List** or use the left and right navigation buttons to view the available patterns. Press **OK** to select a mosaic. Frame each segment and press the camera button to take the picture.
  - **Frame:** lets you add a decorative frame to the picture. Press **List** or use the left and right navigation buttons to view the available frames. Press **OK** to select a frame.
- **Night Mode:** Increases the camera sensitivity to brighten pictures taken in dark locations.
- **Size:** allows you to set the image size to 1600x1200, 1280x960, 640x480, or 320x240.
- **White balance:** allows you to set the white balance (color temperature of the surrounding light). Choose Auto (camera automatically selects the setting), Daylight, Incandescent, Fluorescent, or Cloudy.
- **Exposure meter:** sets the metering method the camera uses to determine proper exposure for the picture.
  - **Matrix:** divides the screen into segments and averages the exposure required for each segment
  - **Centre-weighted:** makes an exposure measurement over the entire screen but bases the result mostly on the center of the screen.
  - **Spot:** takes an exposure measurement only in a small area at the center of the screen.
- **Effects:** allows you to change the color tone or apply special effects to the photo.
  - **None:** cancels all effects
  - **Black and white** removes all color and displays the picture in black and white (greyscale) mode.
  - **Sepia:** displays the picture in black and white with a sepia tint that makes it look like an old picture.
  - **Negative:** reverses the light and dark areas of the picture and the colours (red appears green, etc.).
  - **Watercolor:** displays the picture in black and white with a blue tint that makes it look like you are under water.
- **Timer:** allows you to set a time delay before the camera takes the photo. Select the length of delay you want (Off, 2 seconds, 5 seconds, or 10 seconds). When you press the **Camera** key  or  key, the camera takes the photo after the specified time has elapsed.

- **Viewfinder mode:** configures how the camera displays the image and indicators on the screen.
  - **Full Screen View and Indicator:** fills the screen with the image and displays icons that indicate camera settings
  - **Full Screen View:** fills the screen with the image
  - **Full Screen View and Guidelines:** adds lines to the screen that aid photo composition.
- **Settings:**
  - **Photo:** allows you to select the photo quality.
  - **Setup:** allows you to configure the following parameters.
    - **Review screen:** selects whether pictures are displayed for review after they are taken (On) or you are returned to the viewfinder to take another picture (Off).
    - **Shutter sound:** selects the shutter sound that indicates a picture has been taken (Shutter 1, Shutter 2, Shutter 3 or None).
    - **Default storage:** sets the default storage location for saved pictures (Phone or Memory card).
    - **Shortcuts:** displays a list of available keypad shortcuts for camera settings.

## Camera Shortcuts

You can change camera settings using the keypad. The following shortcuts are available:



### Navigation keys

**Landscape mode (phone held horizontally):** Left and Right keys operate the zoom, Up and Down keys adjust image brightness

**Portrait mode (phone held vertically):** Up and Down keys operate the zoom, Left and Right keys adjust image brightness



Volume keys zoom in and out



toggles between camera and video mode.



changes the shooting mode.



sets the timer.



changes the Viewfinder mode.


## Camera options after photo is taken

After taking a picture, press **Options** to access the following options:

- **Take another:** allows you to take another picture.
- **Send via:** allows you to send the photo as a Message or to another Bluetooth compatible device.
- **Print via Bluetooth:** sends the image to a Bluetooth enabled device.
- **Delete:** allows you to delete this photo.
- **Set as:** allows you to set the photo as Wallpaper or as a Picture ID.
- **Edit:** allows you to edit image attributes
  - **Save as:** lets you save the file while editing.
  - **Effects:** apply Filter, Style, Warp, or Partial Blur (highlight a selection and press Select).
  - **Adjust:** lets you change the Brightness, Contrast, or Color.
  - **Transform:** lets you Resize, Rotate, or Flip the image.
  - **Crop:** lets you crop a portion of the photo.
  - **Insert:** Lets you add Frames, Clip Art, Emoticons, or Text.
  - **Set as:** allows you to set this image as Wallpaper or Picture ID (attaches the photo to a contact).
  - **Send via:** sends the photo in a Message or via Bluetooth
  - **Print via Bluetooth:** sends this image to a Bluetooth enabled printer.
- **Rotate:** rotates the image 90 degrees clockwise each time the OK button is pressed.
- **Slide show:** displays all photos in the folder in a sequence. Press **Pause** to stop at a particular photo, **Resume** to continue., **Back** to cancel.
- **Properties:** displays the image Name, Format, Resolution, Size, Forwarding, Date created, and Location.

## Camcorder

This section explains how to use your phone's built-in camera to take videos.

1. In Idle mode, press **Menu** and select **Photos** → **Camera**. The camera opens in either Camera or Camcorder mode (indicated by the icon on the top left corner of the screen), depending the mode last used. To change the camera mode, press the  key or press **Menu** and select **Camcorder**.

---

**Note:** You can also access the camera at any time by pressing the **Camera** key  on the right side of the phone.




---

2. Aim the camera lens at the subject and frame the starting point for the video on the screen.
  - Press **Menu** to configure settings or apply effects. For more information, see “Camcorder Options” below.
  - You can change the brightness using the up and down navigation keys.
  - You can zoom in and out using the left and right navigation keys.

---

**Tip:** You can use the keypad to quickly change the camera settings (see **Camcorder shortcuts** below).


---

3. Press  to begin recording the video. Press  to pause recording and again to restart.
4. Press **Stop** to stop the recording and save the video file to your Videos folder.
5. Once the file saves, you can press  to play back your video for review.

### **Camcorder Options in Capture Mode**

Before taking a video, press **Menu** to access the following camcorder options:

- **Camera/Camcorder:** allows you to take a picture or record a video.
- **Mode:** allows you to select **Normal** or **Limit for MMS**.
- **Size:** shows the video resolution (176x144). The resolution displays on the capture screen.
- **White balance:** allows you to set the white balance (color temperature of the surrounding light). Choose Auto (camera automatically selects the setting), Daylight, Incandescent, Fluorescent, or Cloudy.
- **Exposure meter:** sets the metering method the camera uses to determine proper exposure for the picture.
  - **Matrix:** divides the screen into segments and averages the exposure required for each segment
  - **Center-weighted:** makes an exposure measurement over the entire screen but bases the result mostly on the center of the screen.
  - **Spot:** takes an exposure measurement only in a small area at the center of the screen.
- **Effects:** allows you to change the color tone or apply special effects to the video.
  - **None:** cancels all effects
  - **Black and white:** removes all color and displays the video in black and white (greyscale) mode.
  - **Sepia:** displays the video in black and white with a sepia tint that makes it look like an old picture.
  - **Negative:** reverses the light and dark areas of the video and the colours (red appears green, etc.).
  - **Watercolor:** displays the video in black and white with a blue tint that makes it look like you are under water.

- **Timer:** allows you to set a time delay before the video starts to record. Select the length of delay you want (Off, 2 seconds, 5 seconds, 10 seconds) and press the **OK** soft key. When you press , the video begins recording after the specified time has elapsed.
- **Viewfinder mode:** configures how the camera displays the image and indicators on the screen.
  - **Full Screen View and Indicator:** fills the screen with the image and displays icons that indicate camcorder settings
  - **Full Screen View:** fills the screen with the image
  - **Full Screen View and Guidelines:** adds lines to the screen that aid video composition.
- **Settings:**
  - **Video:**
    - **Quality:** allows you to select the video quality (Economy, Normal, or Fine).
    - **Audio recording:** selects whether sound is recorded with the video (On or Off).
  - **Setup:** allows you to configure the following parameters.
    - **Review screen:** selects whether videos are displayed for review after they are taken (On) or you are returned to the viewfinder to take another video (Off).
    - **Default storage:** sets the default storage location for saved videos (Phone or Memory card).
    - **Shortcuts:** displays a list of available keypad shortcuts for camcorder settings.

---

**Tip:** You can use the keypad to quickly change the camcorder options using the camera shortcut keys (see “*Camcorder Shortcuts*” on page 111)

---

## Camcorder Shortcuts

**Shortcut keys** allow you to change options using your keypad, Navigation keys, and Volume keys in capture mode. The following options are available.



### Navigation keys

**Landscape mode (phone held horizontally):** Left and Right keys operate the zoom, Up and Down keys adjust image brightness

**Portrait mode (phone held vertically):** Up and Down keys operate the zoom, Left and Right keys adjust image brightness



Volume keys zoom in and out



switches the handset between camcorder and camera mode.



changes the recording mode.



allows you to set a time delay before the camera takes the video.



changes the Viewfinder mode.



## Section 14: Calendar

---

With the Calendar, you can:

- Consult the calendar by month, week, or day.
- Note Appointments, Anniversaries, Holidays, Important events, or Private events.
- Set an alarm to act as a reminder.
- Check your memory status.

To navigate to the Calendar:

- From Idle mode, press **Menu** and select **Calendar**.

The calendar opens in Month, Week or Day view, depending on the View by setting (see Calendar Options below).

In **Month** view, the current date is highlighted by a box around the number. Use the navigation keys to move to other dates. Appointments are indicated by a blue arrow at the lower right corner of the date, Anniversaries by a green arrow at the lower left corner, Holidays by changing the number to red, Important events by a red arrow at the upper left corner and Private events by a yellow arrow at the upper right corner.

**Week** view provides a grid with the days of the week across and daytime hours arranged vertically. Use the navigation keys to move to specific days and times. The same arrow indicators as in Month view appear on the number indicating the day and colored rectangles indicate the time slots where events are scheduled. To view the events on a specific day, use the left and right navigation keys to move to the day, press **Options** and select **View by** → **Day** to open Day view.


---

**Note:** You can also move to the previous or next week by pressing the Volume keys on the left side of the phone.

---

**Day** view provides a list of the events associated with the chosen day, the scheduled time for each and icons indicating the type of event, alarm indicator, etc.

### To Change the View

While in any of the Calendar views, to change the view press **Options**, select **View by**, highlight the view you want and press Select or .

### Calendar Options

While using the Calendar, press **Options** to access the Calendar options (not all options are available in each view):

- **View:** Opens the Day view for the selected day.

- **View by:** lets you change the view to one of the other options.
- **Create:** used to create a new event (Appointment, Anniversary, Holiday, Important or Private).
- **Send via:** Lets you send the information for the selected event to someone else via message or Bluetooth.
- **Go to:** lets you directly select the current day or a specific date.
- **Event list:** displays a list of specific type of event (Appointment, Anniversary, Holiday, Important or Private).
- **Delete:** lets you delete events for the Selected day, events in specific Period, events in This month, all data Before date, or All.
- **Save in media:** Saves the information in a .vcs format file in the Other Files folder.
- **Print via Bluetooth:** Prints a day calendar to a Bluetooth-enabled printer.
- **Settings:** allows you to select the calendar Starting Day (whether Sunday or Monday is the first day of the week) and View by (whether the current Month, Week or Day is displayed when the calendar is opened).
- **Missed alarm events:** provides a list of events with alarm time that has passed.
- **Memory status:** shows the number of each type of event saved on your phone. The phone holds a maximum of 100 Appointments, 50 Anniversaries, 50 Holidays, 20 Important events and 20 Private events.

## Creating Calendar Entries

To write or edit a calendar entry on a specific date:

1. Use the navigation keys to select the date.
2. Press **Options** and select **Create**.
3. Select the type of entry you want to make (Appointment, Anniversary, Holiday, Important or Private).

Depending on the type of entry, some of the following options are available:



- **Title:** Enter text describing the event.
- **Details:** Enter any additional details.

---

**Note:** The Start Date and End Date on event entry screens are automatically set to the date highlighted on the calendar when the screen is opened.

---

- **Start date:** If the displayed start date is not correct, use the navigation keys and numeric keypad to enter the required date.
- **Start time:** Use the numeric keypad to set the start time. Use the Right navigation key to toggle the AM/PM setting.
- **End date:** If the displayed end date is not correct, use the navigation keys and numeric keypad to enter the required date.
- **End time:** Use the numeric keypad to set the end time. Use the right navigation key to toggle the AM/PM setting.



- **Date:** If the displayed date for the event is not correct, use the navigation keys and numeric keypad to enter the required date.
  - **Location:** Enter text detailing the location of the appointment.
  - **Alarm (before):** Allows you to set an alarm to remind you of this event and set the length of time before the event that the alarm should sound (number of minutes, hours or days).
  - **Alarm time:** Allows you to set the time of day that the alarm will sound.
  - **Alarm tone:** lets you choose an alarm tone from the Sounds menu. To play any of the available tones, highlight the name and press . Press **Add** to select the tone, **Back** to return to the list.
  - **Repeat:** allows you to repeat the same event on a daily, weekly or monthly basis.
  - **Every:** Lets you specify a multiplier for the Repeat setting, for example if Repeat is set to Weekly and you enter 3 in this box, the event repeats every 3 weeks.
  - **Except weekends:** Lets you exclude weekends.
  - **Until:** Lets you specify a date to stop the event.
  - **Repeat every year:** Lets you repeat an Anniversary or Holiday event every year on the same date.
4. When you have finished, press  or press **Options** and select **Save**. The entry is indicated on the calendar by a colored arrow at a corner of the date.

## Event Options

The following options display when you press **Options** while setting an event.

- **Birthday from Contacts:** lets you import information from Contacts (anniversary only).
- **Save:** saves the event in the corresponding event list.
- **Input language:** lets you switch the input language between English and Français (French).

## Viewing a Calendar Entry

To view the details for a day, highlight the day in the calendar view and press . To view the details of an entry, highlight it and press  or press **Options** and select **View**.

## Missed Alarm Events

While viewing the calendar or a calendar entry, the Missed alarm event option shows all calendar entries that you have missed. If more than one entry is stored, press the up or down navigation key to scroll to the previous or next entry. Press **Options** to access the following options:

- **View:** Allows you to view the highlighted entry details.

- **Delete:** Allows you to delete the currently selected missed alarm event.
- **Delete All:** Allows you to delete all missed alarm events.

## Section 15: Health and Safety Information

---

### Exposure to Radio Frequency (RF) Signals

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies.

The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless phones employs a unit of measurement known as Specific Absorption Rate (SAR). The SAR limit recommended by the FCC is 1.6W/kg.

SAR tests are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output of the phone.

The Media menu is used to manage your media files (audio, pictures, videos, games and apps, and other files).

---

**Note:** In the U.S. and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

---

Before a new model phone is available for sale to the public, it must be tested and certified by the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

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

## **For Body Operation**

For body worn operation, this model phone has been tested and meets the FCC RF exposure guidelines when used with a Samsung-supplied or approved accessory designated for this product or when used with an accessory that contains no metal and that positions the phone a minimum from the body.

The minimum distance from the body for this model phone is written in the FCC certification information. Non-compliance with the above conditions may violate FCC RF exposure guidelines.

For more Information concerning exposure to radio frequency signals, see the following websites:

- Federal Communications Commission (FCC)
  - <http://www.fcc.gov>
- Cellular Telecommunications Industry Association (CTIA):
  - <http://www.ctia.org>
- U.S.Food and Drug Administration (FDA)
  - <http://www.fda.gov/cdrh/consumer>
- World Health Organization (WHO)
  - <http://www.who.int/peh-erf/en>

## **Precautions When Using Batteries**

- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging time depends on the remaining battery charge, the type of battery and the charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source.
- Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.

- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0C (32F).
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.
- The battery charging circuit may stop functioning if you are viewing a streaming video and receive a call while charging as the capacity of the charging circuit will be exceeded.

## **Operating Environment**

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

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

## **Electronic Devices**

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

### **Pacemakers**

Pacemaker manufacturers recommend that a minimum distance of 15 cm (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research and recommendations of Wireless Technology Research.

Persons with pacemakers:

- should always keep the phone more than 15 cm (6 inches) from their pacemaker when the phone is switched on.
- should not carry the phone in a breast pocket.
- should use the ear opposite the pacemaker to minimize potential interference.

If you have any reason to suspect that interference is taking place, switch your phone off immediately.

## **Hearing Aids**

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

## **Audio Shock**

At very high volumes, prolonged listening to a headset can damage your hearing.

## **Other Medical Devices**

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch 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. You should also consult the manufacturer of any equipment that has been added to your vehicle.

## **Posted Facilities**

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

## **Potentially Explosive Environments**

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

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

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



## Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number).  
Emergency numbers vary by location.
3. Press the key.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

## Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember air bag inflates with great force. Do not place installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed, and the air bag inflates, serious injury could result.
- Switch your phone off before boarding an aircraft. The use of wireless phones in aircraft is illegal unless permitted and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, legal action, or both.

## Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions help you fulfill any warranty obligations and allow enjoy this product for many years:

- Keep the phone and all its parts and accessories out of reach of small children.
- Keep the phone dry. Precipitation and humidity contain minerals that may corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty or dirty areas. Moving parts may become damaged or clogged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- Use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

## FCC Notice

### Cautions

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

### FCC Compliance Information

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

This device may not cause harmful interference, and

This device must accept any interference received.

Including interference that may cause undesired operation.

### **Information to User**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

### **Appendix A: Certification Information (SAR)**

THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on safety standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR limit set by the FCC is 1.6 W/kg. SAR Tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

---

**Note:** In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

---

Before a new model phone is available for sale to the public, it must be tested and certified by the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR values of this model phone as reported to FCC are:

**GSM850**

Head: 0.412 W/Kg      Body worn: 1.07 W/Kg

**GSM1900**

Head: 0.307 W/Kg      Body worn: 0.812 W/Kg

**WCDMA**

Head: 0.547 W/Kg      Body worn: 0.804 W/Kg

Body-worn operations are restricted to Samsung-supplied, approved or non-Samsung designated accessories that have no metal and must provide at least 1.5cm separation between the device, including its antenna whether extended or retracted, and the user's body. Non-compliance to the above restrictions may violate FCC RF exposure guidelines.

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

## **Appendix B: Safe and Responsible Wireless Phone Use**

Cellular Telecommunications & Internet Association

"Safety is the most important call you will ever make."

### ***A Guide to Safe and Responsible Wireless Phone Use***

Tens of millions of people in North America today take advantage of the unique combination of convenience, safety and value delivered by the wireless telephone. Quite simply, the wireless phone gives people the powerful ability to communicate by voice-almost anywhere, anytime with the boss, with a client, with the kids, with emergency personnel or even with the police. Each year, North Americans make billions of calls from their wireless phones, and the numbers are rapidly growing.

But an important responsibility accompanies those benefits, one that every wireless phone user must uphold. When driving a car, driving is your first responsibility. A wireless phone can be an invaluable tool, but good judgment must be exercised at all times while driving a motor vehicle whether on the phone or not.

The basic lessons are ones we all learned as teenagers. Driving requires alertness, caution and courtesy. It requires a heavy dose of basic common sense—keep your head up, keep your eyes on the road, check your mirrors frequently and watch out for other drivers. It requires obeying all traffic signs and signals and staying within the speed limit. It means using seat belts and requiring other passengers to do the same.

But with wireless phone use, driving safely means a little more. This brochure is a call to wireless phone users everywhere to make safety their first priority when behind the wheel of a car. Wireless telecommunications is keeping us in touch, simplifying our lives, protecting us in emergencies and providing opportunities to help others in need. When it comes to the use of wireless phones, safety is your most important call.

### **Wireless Phone “Safety Tips”**

Below are safety tips to follow while driving and using a wireless phone which should be easy to remember:

1. Get to know your wireless phone and its features such as speed dial and redial. Carefully read your instruction manual and learn to take advantage of valuable features most phones offer, including automatic redial and memory. Also, work to memorize the phone keypad so you can use the speed dial function without taking your attention off the road.
2. When available, use a hands free device. A number of hands free wireless phone accessories are readily available today. Whether you choose an installed mounted device for your wireless phone or a speaker phone accessory, take advantage of these devices if available to you.
3. Position your wireless phone within easy reach. Make sure you place your wireless phone within easy reach and where you can grab it without removing your eyes from the road. If you get an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.
4. Suspend conversations during hazardous driving conditions or situations. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.
5. Do not take notes or look up phone numbers while driving. If you are reading an Contact list or business card, or writing a to do list while driving a car, you are not watching where you are going. It's common sense. Don't get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.

6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip or attempt to coincide your calls with times you may be stopped at a stop sign, red light or otherwise stationary. But if you need to dial while driving, follow this simple tip-dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Stressful or emotional conversations and driving do not mix-they are distracting and even dangerous when you are behind the wheel of a car. Make people you are talking with aware you are driving and if necessary, suspend conversations which have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Your wireless phone is one of the greatest tools you can own to protect yourself and your family in dangerous situations-with your phone at your side, help is only three numbers away. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident, road hazard or medical emergency. Remember, it is a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. Your wireless phone provides you a perfect opportunity to be a Good Samaritan in your community. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special wireless non emergency assistance number when necessary. Certain situations you encounter while driving may require attention, but are not urgent enough to merit a call for emergency services. But you still can use your wireless phone to lend a hand. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.

Careless, distracted individuals and people driving irresponsibly represent a hazard to everyone on the road. Since 1984, the Cellular Telecommunications Industry Association and the wireless industry have conducted an educational outreach program to inform wireless phone users of their responsibilities as safe drivers and good citizens. As we approach a new century, more and more of us will take advantage of the benefits of wireless telephones. And, as we take to the roads, we all have a responsibility to drive safely.

The wireless industry reminds you to use your phone safely when driving.

Cellular Telecommunications & Internet Association For more information, please call 1-888-901-SAFE.

For updates: <http://www.ctia.org>

## **Appendix C: Consumer Update on Wireless Phones**

U.S. Food and Drug Administration

### **1. What kinds of phones are the subject of this update?**

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called cell, mobile, or PCS phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

### **2. Do wireless phones pose a health hazard?**

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

### **3. What is FDA's role concerning the safety of wireless phones?**

Under the law, FDA does not review the safety of radiation emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and

- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration
- The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the primary subject of the safety questions discussed in this document.

#### **4. What is FDA doing to find out more about the possible health effects of wireless phone RF?**

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

#### **5. What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?**



If there is a risk from these products—and at this point we do not know that there is—it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna. Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

## **6. What about children using wireless phones?**

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

## **7. Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?**

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

## **8. Do wireless phone accessories that claim to shield the head from RF radiation work?**

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user

from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike “hand-free” kits, these so-called “shields” may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal Trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

#### **9. What about wireless phone interference with medical equipment?**

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI.

FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000. FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

#### **10. What are the results of the research done already?**

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer causing chemicals so as to be pre-disposed to develop cancer in the absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic

neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phone RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

#### **11. What research is needed to decide whether RF exposure from wireless phones poses a health risk?**

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but 10 or more years follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

#### **12. Which other federal agencies have responsibilities related to potential RF health effects?**

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations.

- FCC RF Safety Program:
  - <http://www.fcc.gov/oet/rfsafety/>
- Environmental Protection Agency (EPA):
  - <http://www.epa.gov/radiation/>
- Occupational Safety and Health Administration's (OSHA):
  - <http://www.osha-slc.gov/SLTC/radiofrequencyradiation/index.html>
- National Institute for Occupational Safety and Health (NIOSH):
  - <http://www.cdc.gov/niosh/topics/emf>
- World health Organization (WHO):
  - <http://www.who.int/peh-emf/en>
- International Commission on Non-Ionizing Radiation Protection:
  - <http://www.icnirp.de>
- National Radiation Protection Board (UK):
  - <http://www.hpa.org.uk/radiation>

- US Food and Drug Administration
  - <http://www.fda.gov/cellphones>

## Section 16: Warranty Information

---

### Standard Limited Warranty

#### What is Covered and For How Long?

SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

**What is Not Covered?** This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada.

This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

**What are SAMSUNG's Obligations?** During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service

under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/ replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/ replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG.

If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

**WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/LIABILITY?** EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE EXPRESS WRITTEN WARRANTY STATED HEREIN. SOME STATES/ PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE, USE, OR MISUSE OF, OR INABILITY TO USE THE

PRODUCT OR ARISING DIRECTLY OR INDIRECTLY FROM THE USE OR LOSS OF USE OF THE PRODUCT OR FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL, CONSEQUENTIAL OR SIMILAR DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS, OR FOR DAMAGES ARISING FROM ANY TORT (INCLUDING NEGLIGENCE OR GROSS NEGLIGENCE) OR FAULT COMMITTED BY SAMSUNG, ITS AGENTS OR EMPLOYEES, OR FOR ANY BREACH OF CONTRACT OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. SOME STATES/PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE/PROVINCE TO PROVINCE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY FOR THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS. THE PARTIES UNDERSTAND THAT THE PURCHASER MAY USE THIRD-PARTY SOFTWARE OR EQUIPMENT IN CONJUNCTION WITH THE PRODUCT. SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRD-PARTY SOFTWARE OR EQUIPMENT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE, INCLUDING THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT. THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

Samsung Electronics Canada, Inc.

©2009 Samsung Electronics Canada, Inc. SAMSUNG is a registered trademark of Samsung Electronics Co., Ltd. and its related entities.

No reproduction in whole or in part allowed without prior written approval.

Specifications and availability subject to change without notice.



### A

ABC mode 34

Accessing a Menu Function 20

### B

Back View of Your Phone 13

Backlight

description 17

settings 72

Battery

charging 6

installing 4

low indicator 7

removing 3

Bluetooth

About 79

features 81

Searching for new devices 79

Turning Bluetooth On and Off 79

Bookmarks 100

Browser 99

Clear cache 102

Enter URL 100

Entering Text 100

Exiting 99

History 101

Home 99

Navigating 99

Saved pages 101

settings 102

### C

Call Functions 23

Adjusting the Call Volume 24

Answering a Call 25

Call history 25

Correcting the Number 23

Ending a Call 23

Making a Call 23

Making a Call from Phonebook 24

Redialing Last Number 24

Vibration profile 28

Call Records

All calls 26

Delete all 27

Missed calls 26

Call Waiting 30

Caller Group

Adding 42

Editing 42

Camera 106

taking photos 106

Camera Shortcuts

Shortcut Keys 111

Charging battery 6

### D

Dialing display 71

Background color 72

Font color 72

Font size 72

Font type 71

## **Display** 14

backlight 17

icons 16

## **E**

## **Entering Text** 33

Changing the Text Entry Mode 34

Using ABC Mode 35

Using Numeric Mode 38

Using Symbol Mode 38

Using T9 Mode 37

## **F**

## **Functions and Options** 21

## **G**

## **Getting Started** 3

Activating Your Phone 3

Voice mail 8

## **H**

## **Health and Safety Information** 117

## **I**

## **Icons, description** 16

## **International Call** 23

## **M**

## **Making a Call**

Phonebook 24

## **Media** 59

## **Menu Navigation** 19

## **Messages** 46

## **Messaging**

Types of Messages 46

## **Missed Call**

Viewing 26

## **Multi-Party Call** 31

Dropping One Participant 31, 32

Private Conversation 31

Setting up 31

## **Mute** 28

## **N**

## **Numeric mode** 34

## **O**

## **On/off switch, phone** 8

## **Options**

During a Call 28

Making a New call while in a call 29

Putting a Call on Hold 28

## **Organizer**

Calculator 96

Converter 97

Stopwatch 98

Timer 98

Tip calculator 96

World clock 96

## **P**

## **Phone**

icons 16

switching on/off 8

## **Phone Settings** 73

## **Phonebook**

Searching for a Number 30

## **Photos**

Accessing pictures 104

Deleting pictures 104

## **S**

## **Settings** 69

Bluetooth 79

- Display 70
- Phone 73
- Sound 69
- Time and Date 78
- Voice recognition 92

**Shortcuts** 20

**SIM card**

- installing 3

**Soft Keys** 21

**Speakerphone** 29

**Speed Dial**

- Setting Up Entries 43

**Standard Limited Warranty**

- 133

**Stopwatch** 98

**Storing a Number**

- phone's memory 39

**Switching on/off**

- phone 8

**Symbol mode** 34

## **T**

**T9 mode** 34

**Tasks** 94

**Text input mode**

- changing 34

**Timer** 98

**Travel adapter** 6

## **U**

**Understanding Your Phone** 10

- Back View 13

- Features of Your Phone 10

**Understanding Your Phonebook**

- Finding a Contact Entry 39

Using Contacts List 39

## **V**

**Voice Commands**

- checking phone status 92

- name dial 90

- name lookup 91

- open applications 91

- send text message 91

**Voice Mail** 9

**Voice Recognition**

- Say a Command options 89

## **W**

**Warranty Information** 133