

QUAD BAND Series  
SGH-A746  
Portable Digital Mobile Phone  
User Manual

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



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# Important Safety Precautions

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

## Road Safety at All Times

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

## Switching Off When Refueling

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

## Switching Off in Aircraft

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

## Switching Off in Hospitals

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

## Interference

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

## 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 the  key. 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 179.

# Your Phone

## Features of Your Phone

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

- ◆ Bluetooth
- ◆ Camera and camcorder
- ◆ Video calling
- ◆ Multitasking
- ◆ Instant messaging capability
- ◆ E-mail
- ◆ Featured applications provide alarms, calendar, task lists, notes, calculator, converter, timer, stopwatch, and world time.
- ◆ File viewer
- ◆ Multimedia capability (with included Music Player)
- ◆ Photo caller ID
- ◆ Speakerphone capability
- ◆ Web browser

# Phone Layout

## Closed View of Your Phone

The following illustration shows some of the external elements of your phone



- 1. Camera Lens:** Allows you to take pictures and videos.
- 2. Volume keys/Menu Navigation:** Allow you to adjust the ringer volume in standby mode, mute the ringer when receiving a call and adjust the voice volume during a call. Can also be used to scroll up or down to navigate through menu options. When the phone is closed, press and hold these keys to toggle the display on or off. This key is also used when the Music Player is active.
- 3. Front Display:** Allows you to see when you have an incoming call or message. It also displays date, time, network type, signal strength, and battery power icons, and any icons associated with alerts or alarms.
- 4. Headset Jack/Adapter Jack:** Allows you to connect the headset, PC connection cable (see “Transferring Files via USB Cable” on page 49), and travel adapter (see “Charging the Battery” on page 20).
- 5. Memory Card Slot:** Used to install an optional microSD™ card for additional data storage (see “Memory Card” on page 13).

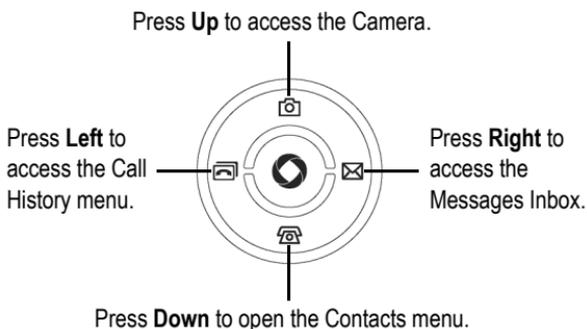
## Open View of Your Phone

The following illustration shows the rest of the main elements of your phone:



1. **Main Display:** This screen displays all the information needed to operate your phone.
2. **Navigation keys:** In Menu mode, the navigation keys work as directional keys to scroll through menus and lists. In Idle mode, the navigation keys work as shortcuts, allowing you to access other menus directly.

The shortcuts are:



When entering text, the left and right navigation keys move the cursor left and right.

3. **Soft keys:** Perform the function indicated by text on the display directly above the key (see “Soft Keys” on page 12).
4. **Video Call key:** allows you to place a video call.
5. **Send key:** Allows you to place or receive a call. In Idle mode, press the key once to access the Recent Call log. Press and hold the key to redial the most recent call.
6. **Voice Mail key:** Press and hold the  key to automatically dial your voicemail.
7. **Video Mail key:** Press and hold the  key to launch Video Mail.
8. **Microphone:** Converts your voice into an electrical signal during phone calls and voice recordings.
9. **Special Function keys:** The  key enters the [\*] character for calling features, such as a pause between numbers. In text entry mode, press to change the character input type. The  key enters the pound [#] character for calling features. In text entry mode, press to

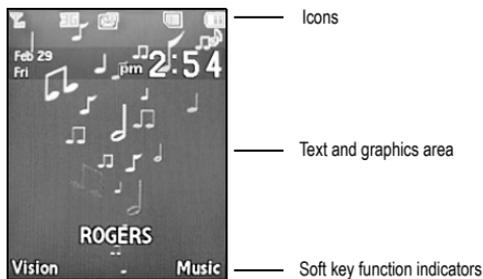
enter a space between characters. Press and hold to activate and deactivate Silent mode.

10. **Alphanumeric keypad:** Use these keys to enter numbers, letters, and some special characters.
11. **Clear key:** Deletes characters from the display when you are in text entry mode. Deletes items when in an application. When in a main menu, press to return to the previous menu. When in the Calendar, press to display Month view.
12. **Power On/Power Off/Menu Exit key:** Ends a call. Press and hold for a few seconds to power your phone on or off. While in the main menu, it returns the phone to standby mode and cancels any input. Rejects an incoming call.
13. **Multitasking key:** Launches the multitasking menu, which allows you to select Call, Messages, Internet, Music Player, or Games and Apps without having to exit from the currently active application. See "Multitasking Menu" on page 11 for additional information.
14. **Menu Access/Confirm/Speakerphone key:** While in Idle mode, it launches the main menu. When navigating through a menu, it accepts the highlighted choice in the menu. During a call, it turns the speakerphone function on and off.
15. **Earpiece/Speaker:** used to listen to audio and music from your phone.

# Display

## Display Layout

The internal display has three main areas:



Area	Description
Icons	Displays various icons that indicate phone status.
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	Shows the current functions assigned to the two soft keys.

## Icons

-  Shows the received signal strength. The more bars, the stronger the signal.
-  Appears when there is no network coverage available.
-  Appears when the phone is accessing services on an Edge network. When data is being transferred, this icon animates.
-  Appears when the phone is accessing services on an GPRS network. When data is being transferred, this icon animates.
-  Appears when the phone is accessing services on a 3G (UMTS) network. Animates when data is being transferred.
-  Appears when the phone is accessing services on a 3G+ (HSDPA) network. Animates when data is being transferred.
-  Appears when a call is in progress.
-  Appears when a video call is in progress.
-  Appears when an alarm is set. For details, see “Alarms” on page 121.
-  Appears when the Call Forwarding feature is active. For details, see “Call Forwarding” on page 153.
-  Appears when the Video Call Forwarding feature is active. For details, see “Call Forwarding” on page 158.
-  Appears when a new text message or notification of a new voice mail has been received.
-  Appears when a new picture message has been received.
-  Appears when a new email message has been received.

-  Appears when a push message has been received from the WAP server.
-  Appears when a memory card is inserted.
-  Appears when Bluetooth wireless technology is active. When transferring data, this icon blinks.
-  Appears when the phone's profile is set to Silent.
-  Appears when the phone's profile is set to Driving.
-  Appears when the phone's profile is set to Outdoor.
-  Appears when Call Alert Type is set to Melody or Increasing Melody.
-  Appears when Call Alert Type is set to Vibration then Melody, Vibration & Melody, or Vibration & Increasing Melody.
-  Appears when the Profile is set to Silent mode and Call Alert Type set to Vibration.
-  Appears when the Profile is set to Silent mode and Call Alert Type set to Mute.
-  Appears when the phone is connected to a PC.
-  Appears when the phone is being used as a modem.
-  Appears at the bottom of the screen during an active call to indicate that speakerphone can be accessed by pressing the  key.
-  Shows the level of your phone's battery. The more bars, the more power you have remaining.

## Multitasking Menu

The Multitasking key  opens an application-switch window that allows you to select from a group of commonly used applications without having to exit from a currently active application. The menu icon choices are as follows:

-  **Call icon:** Allows you to make a voice call while using the handset for other tasks. If Music Player is active, it is muted during the call.
-  **Messages icon:** Allows you to send a text or picture message while using the handset for other tasks.
-  **Internet icon:** Allows you to launch the Internet browser while using the handset for other tasks.
-  **Music Player icon:** Allows you to launch the Music Player while using the handset for other tasks. If an incoming call is received or you make a call, the Media Player is muted.
-  **Games and Apps icon:** Allows you launch games or other applications while using the handset for other tasks.
-  **End all? icon:** Allows you to cancel multitasking and return the handset to single task usage.

When the application-switch window is open, scroll to the application you want to open using the navigation keys, or press the Multitasking key repeatedly. When you have highlighted the application you want, press the Select soft key or the  key to launch that application. Press the **Back** soft key to return to the previous screen. The **End all?** option returns the phone to Idle mode.

---

**Note:** If you access the switch window while performing Internet-based activities, some applications are not functional. For example, if you are browsing the Internet and use the Activity key to initiate a phone call, the call will not connect.

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## Selecting Functions and Options

### Soft Keys

There are two soft keys, left and right (see “Open View of Your Phone” on page 5). The roles of the soft keys vary depending on the function you are currently using. The icons or labels on the bottom line of the display just above each key indicate their current role.

Some functions of the **Left soft key**  are as follows.

- ◆ From the Idle screen, press to open the Vision screen.
- ◆ In a menu mode, press to select the highlighted menu item.
- ◆ While the music player is playing a music selection and you have returned to the Idle screen, press to open the main menu (the  key and Left and Right navigation keys control the music player).

Some functions of the **Right soft key**  are as follows.

- ◆ From the Idle screen, press to access the Rogers Music Player (for more information see “Rogers Music Player” on page 97).
- ◆ When using other features, such as the web browser, it performs a context-sensitive action such as displaying the **Back** option.

### Clear Key

The **CLR** key  is used to erase or clear numbers, text, or symbols from the display. You can also use it to return to a previous menu or to return to standby mode from any menu.

- ◆ If you enter an incorrect character, press to backspace (and delete) the character.
- ◆ To erase an entire sentence, press and hold.
- ◆ To back up one menu level, press briefly.

## End Key

The **End key**  is used to turn your phone on and off, disconnect calls, and return to the standby mode.

- ◆ Press and hold to turn on your phone.
- ◆ Briefly press once to disconnect a call.
- ◆ Press to return to standby mode from any menu, or to cancel the last input.

## Send Key

The **Send key**  is used to answer calls, dial calls, and to recall the last number(s) dialed, received, or missed.

- ◆ Press once to answer a call.
- ◆ Enter a number and briefly press to make a call.
- ◆ In standby mode, briefly press to display a list of all recent calls.
- ◆ Press twice in standby mode to call the most recent number.
- ◆ Press to pick up a waiting call.

## Speakerphone Key

During a call, press the  key to enable the speakerphone. Use the volume keys (on the left side of the phone) to adjust the volume.

## Memory Card

Your phone accepts a microSD (Secure Digital) memory card, which you can use to expand the phone's available memory space. This allows you to store more images, videos, music files, and voice data in your phone than the phone's internal memory can hold. You can also use a card to transfer

files to and from your PC if your PC is equipped with a microSD card reader or SD card reader and microSD adapter.

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**Note:** Before using a microSD card, it must be formatted with the FAT32 file system. Check the documentation that came with the memory card before using it with your phone and, if necessary, format the card.

---

## Inserting a microSD Card

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**Note:** Your phone supports microSD cards up to 4GB capacity.

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**Note:** Ensure your battery is fully charged before using a microSD card. Your data may become damaged or unusable if the battery runs out while reading or writing to the microSD card.

---

To insert a microSD card into your phone:

1. Open the cover over the microSD card slot (on the right side of the phone).
2. Holding the microSD card with the gold contacts facing down and toward the phone, gently insert the card into the slot. Push the card in until it is fully inserted and locked.



3. Replace the protective cover.

The MicroSD icon  is displayed on the screen to indicate that a microSD card is inserted in the phone.

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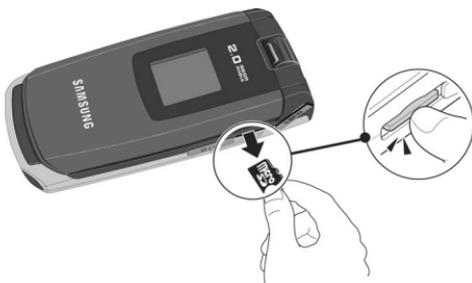
**Note:** If this is the first time that the microSD card is inserted into your phone, the phone automatically creates a series of folders on it for file storage (Ring Tunes, Graphics, Video, Music, Voice list).

---

## Removing a microSD Card

To remove a microSD card from your phone:

1. Open the microSD access cover located on the left side of the phone.
2. Use a thumbnail or fingernail to press and release the microSD card. The card ejects part way out to allow removal.



3. Pull the microSD card out of the phone.
- 

**Warning!** Do not remove a microSD card while files are being accessed or transferred. You could cause data loss or damage the card.

---

## Using a microSD Adapter

Available microSD adapters allow use of microSD cards in SD-compatible devices, including PC card readers. Some adapters connect to USB ports.

To insert a microSD card into a microSD adapter, hold the microSD card with the label side facing up and the gold contacts toward the adapter. Gently insert the card into the microSD adapter and slide it into the adapter until it is fully inserted.

To remove a microSD card from a microSD adapter, grasp the front edge of the microSD card and gently pull it out of the adapter.

## Formatting a microSD Card

If you need to reformat a microSD card:

1. Insert the card into the slot (see above).
2. From the Idle screen, press the  key to access Menu mode.
3. Use the navigation keys to highlight **Media** and press the **Select** soft key or the  key.
4. Press the left or right soft key to highlight **On card**.
5. Press the **Options** soft key, highlight **Memory Card Settings**, and press the **Select** soft key or the  key.
6. Highlight **Format** and press the **Select** soft key or the  key.
7. You may be prompted to confirm the loss of data on the memory card. Press the **Yes** soft key if you agree. The card is formatted.

# Getting Started

## SIM Card

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

## Activating Your Phone

Activating your phone requires several steps: inserting the SIM card, charging the battery, and turning the phone on.

## Removing the Battery

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**Note:** You must unplug the travel adapter before removing the battery from the phone to avoid damage.

---

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

1. Press down on the battery cover and slide it off.



2. Lift the battery out of the phone (bottom edge first).



## Installing the SIM Card

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**Important!** The plug-in SIM card and its contacts can be easily damaged by scratches or bending. Use caution when inserting or removing the card and keep all SIM cards out of reach of children.

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Make sure the gold contacts of the SIM card face into the phone and the angled corner is at the inner left side (as indicated on the phone), then slide the card into the socket.



To remove the SIM card, slide it out of the socket.



## Installing the Battery

1. Align the top edge of the battery under the tabs at the top edge of the battery chamber.
2. Press the battery down until it is seated in the battery chamber. Make sure that the battery is properly installed before replacing the cover.



3. With the battery in position in the phone, slide the cover back on the phone until it locks into position.



## Charging the Battery

Your phone is powered by a rechargeable Li-ion (lithium ion) battery. Use the travel adapter to charge the battery, and use only Samsung approved batteries and chargers.

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**Note:** Fully charge the battery before using your phone for the first time. A discharged battery recharges fully in approximately four hours. You can use the phone while the battery is charging, but this causes the phone to charge more slowly.

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**Note:** For connection to an electrical supply not located in North America, you must use an adapter of the proper configuration for the power outlet. Use of the wrong adapter could damage your phone and void your warranty.

---

1. Plug the connector of the travel adapter into the jack on the right side of the phone.



2. Plug the adapter into a standard AC wall outlet. If the phone is off, the display indicates that the phone is charging. If the phone is on, the bars in the battery icon flash to indicate charging.

---

**Note:** 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.

---

3. When the phone is fully charged, the message “Battery Full” appears on the display or the bars in the battery icon stop flashing. Unplug the adapter from the power outlet.
4. Disconnect the adapter from the phone by gently pulling the connector out of the jack.

---

**Note:** To avoid damaging the phone, you must unplug the adapter before removing the battery from the phone.

---

## Low Battery Indication

When the battery is weak and only a few minutes of talk time remain, a warning tone sounds, the “Low Battery” message appears on the main display and the empty battery icon  flashes. The backlight dims to conserve the remaining battery power. When the battery level becomes too low, the phone automatically turns off. Recharge the battery to restore phone operation.

## Switching the Phone On and Off

To switch the phone on:

1. Press and hold the  key until the phone switches on.
2. If prompted, enter the password and press the **Confirm** soft key or the  key. For further details, see the Security option in section “Set Phone” on page 148.
3. If prompted, enter the PIN and press the  key. For further details, see the Check PIN Code section in “Set Phone” on page 148.

The phone searches for your network and, after finding it, the Idle screen appears on the display. You can now make and receive calls.

The default display language setting is **Automatic**, which is dependent on the setting in the SIM provided by your service provider. For further details or to change the language, see the Language section in “Set Phone” on page 148.

To switch the phone off, press and hold the  key until the power-off image is displayed.

# Call Functions

## Making a Call

From the Idle screen, enter the phone number (with area code, if necessary), then press the  key.

---

**Note:** When you activate the **Auto Redial** option, the phone automatically redials up to ten times when the call is not answered or someone is already on the phone. For carriers that automatically divert unanswered calls to voice mail, the Auto redial feature will not provide useful service. See the Auto Redial section in "Voice Call" on page 153 for further details.

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## Making an International Call

1. Press and hold the  key. The + character appears.
2. Enter the country code, area code and phone number, then press the  key.

## Correcting an Entered Number

1. To correct one or more digits in a dialed number:
  - ◆ To clear the last digit displayed, press the  key.
  - ◆ To clear a different digit in the number, press the Left or Right navigation key until the cursor is immediately to the right of the digit to be cleared. Press the  key.
  - ◆ To enter a missing digit, press the Left or Right navigation key until the cursor is in position and enter the digit.
  - ◆ To clear the whole display, press and hold the  key.
2. Press the  key to return to the Idle screen.

## Ending a Call

When you want to end your call, briefly press the  key or close the phone.

## Redialing a Recent Number

All incoming, outgoing and missed calls are listed in the Call History menu. If the number or caller is listed in your Contact List, the name associated with the number also displays.

To redial a number:

1. From the Idle Screen, press the Left navigation key or the  key to directly access the Call History menu, or press the  key, use the navigation keys to highlight **Call History** and press the **Select** soft key or the  key.
2. Use the Up and Down navigation keys to highlight one of the available options (**All Calls**, **Missed Calls**, **Calls Made**, or **Calls Received**) and press the **Select** soft key or the  key.
3. Use the Up and Down navigation keys to scroll through the listed numbers until the number you want is highlighted.
4. Press  to dial the number.

## Making a Call from the Contacts List

You can store phone numbers that you use regularly in the SIM card or the phone's memory. These entries are collectively grouped in **Contacts**, one of your phone's main menus.

For details on using the Contacts menu, see "Contacts" on page 132.

## Adjusting the Volume

To adjust the earpiece volume during a call, use the Volume key on the left side of the phone.

Press the upper half of the key  to increase the volume level and the lower half of the key  to decrease the level.

In Idle mode, this key adjusts the ringtone volume.

## Answering a Call

When a call is received, the phone rings and displays the caller's phone number. If the number is associated with an entry in your Contact List, the contact's Display Name is displayed. If your phone service includes "call display" and the caller can be identified, the caller's name is displayed.

To answer a call:

1. Open the phone and press the  key or the **Accept** soft key to answer the incoming call.

If the **Any Key** option in the **Call Answer** menu is activated, you can press any key to answer a call except the  key and the **Reject** soft key (see the Call Answer section in "General" on page 151 for more information).

If the **Open Flip** option in the **Call Answer** menu is activated, you can answer the call simply by opening the phone (see Call Answer section in "General" on page 151 for more information).

2. End the call by pressing the  key.

---

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

---

## Missed Calls

Whenever you miss one or more calls, the number of calls missed is displayed on the Front screen and the Idle screen. If you only missed one call, the caller's number is displayed. If the number is associated with an entry in your Contact List, the contact's Display Name is displayed. If your

phone service includes “call display” and the caller can be identified, the caller’s name is displayed.

To view more than one missed call:

1. Press the **View** soft key.
2. To scroll through the missed calls, press the Up or Down navigation key.
3. To call the highlighted number, press the  key.

---

**Note:** To view missed calls not displayed on the Idle screen, go to the Call History menu, highlight **Missed Calls**, and press the **Select** soft key or the  key.

---

## Viewing the Details of Missed Calls

To view the details of a missed call:

1. Press the **View** soft key.
2. Using the Up or Down navigation key, highlight the call you want to view and press the  key or the **Options** soft key, highlight **Details** and press the **Select** soft key or the  key.

## Calling Back a Missed Call

To call back a missed call number:

1. Press the **View** soft key.
2. Using the Up or Down navigation key, highlight the call you want to return and press the **Options** soft key.
3. Use the Navigation keys to highlight either **Voice Call** or **Video Call** and press the **Select** soft key or the  key.

## Sending a Message to a Missed Call

To send a text or picture message to a missed call number:

1. Press the **View** soft key.
2. Using the Up or Down navigation key, highlight the call you want to return and press the **Options** soft key.
3. Use the Navigation keys to highlight **Send Message** and press the **Select** soft key or the  key.

For more information on sending messages, see “Create and Send a Text Message” on page 101 or “Create and Send a Picture Message” on page 105.

## Deleting Missed Calls

1. Press the **View** soft key.
2. If you want to delete one call, press the Up or Down navigation key to highlight the number you wish to delete and press the **Options** soft key. If you want to delete all calls, press the **Options** soft key.
3. Press the Down navigation key to scroll to the **Delete** option and press the  key or Right navigation key.
4. To delete one call, highlight **Selected** and press the **Select** soft key or  key. To delete all calls, highlight **All** and press the **Select** soft key or  key. Press **Yes** to confirm the deletion.

## Silent Profile

The Silent sound profile is convenient when you want to stop the phone from making any sounds, such as when you are in a theater. Your phone provides a choice of two silent call alerts, Mute (the phone gives only visual indication on the screens when a call is received) or Vibration (the phone vibrates and provides visual indication). For instructions on selecting sound profiles, see “Set Sound Profile” on page 141.

Your phone provides a quick method for entering the Silent profile:

- ◆ From the Idle screen, press and hold the  key until the “Silent Profile On” message, the Silent icon  and either the Mute icon  or the Vibration icon  displays.
- ◆ To return to the previous sound profile, press and hold the  key until a screen message indicates the return to the previous sound profile and the Mute icon  or the Vibration icon  disappears.

# Options During a Call

Your phone provides a number of features that you can use during a call.

## In Call Options

During a call, press the **Options** soft key to access the following:

- ◆ **Whisper Mode On/Off:** Increases the microphone sensitivity so that you do not have to speak loudly to be heard by the other party.
- ◆ **Hold:** Places the call on hold.
- ◆ **Mute/Send Keypad Tone:** Silences or enables key tones.
- ◆ **New Call:** Places the current call on hold and allows you to enter and dial another number.
- ◆ **Send DTMF:** Lets you send DTMF (Dual Tone Multi-Frequency) tones, the sounds generated when you press the number keys, as a group. See “Sending a Sequence of DTMF Tones” on page 33.
- ◆ **Contacts:** Accesses your Contacts list.
- ◆ **Save to Contacts:** Allows you to add the current phone number to your Contacts list on either your SIM card or phone.
- ◆ **Send Message:** Allows you to create and send a new SMS/MMS message.
- ◆ **Notes:** Allows you to associate a note with the current phone number.
- ◆ **Switch to Video Call:** changes the call to a Video Call.
- ◆ **End Call:** Allows you to end the current call.

## Put a Call on Hold

You can place the current call on hold at any time. You can also make another call while you have a call in progress if your network supports this service.

To put a call on hold:

1. While on a call, press the **Options** soft key. Use the Up and Down navigation keys to scroll to **Hold** and press the **Select** soft key or the  key. The call is placed on hold.
2. You can reactivate the call by pressing the **Resume** soft key.

To make a call while you have a call in progress:

1. While on a call, press the **Options** soft key. Use the Up and Down navigation keys to scroll to **New Call** and press the **Select** soft key.
2. Enter the new number and press the  key to dial the second call.  
To switch between the two calls, changing the one on hold to active and placing the other on hold, press the **Options** soft key, highlight **Swap** and press the **Select** soft key or the  key.
3. To finish, end each call by pressing the  key.

## Switching the Microphone Off (Mute)

You can temporarily switch your phone's microphone off so that the other person on the call cannot hear you. For example, you might wish to speak to another person in the room without the person on the call hearing you.

To switch the microphone off temporarily:

- ◆ Press the **Mute** soft key. The soft key indicator changes to Unmute and the other person on the call can no longer hear you.

To switch the microphone back on:

- ◆ Press the **Unmute** soft key. The other person on the call can hear you again.

## Using the Speakerphone

Speakerphone lets several persons near the phone participate in a call at the same time by broadcasting the voice or voices of those on the other end of the telephone line and using the microphone to capture the voices of everyone near the phone.

To use the speakerphone function during a call, press the  key. Use the volume keys (on the left side of the phone) to adjust the volume.

Use the volume keys on the left side of the phone to adjust the volume.

## Muting or Sending Key Tones

This option allow you to turn the key tones off or on. If the **Mute Keypad Tone** option is selected, your phone does not transmit the DTMF (Dual Tone Multi-Frequency) tones produced by the numeric keys during a call. This allows you to use the keypad without hearing annoying key tones.

---

**Note:** To communicate with answering machines or computerized telephone systems, the **Send Keys** option must be selected.

---

## Making a Multi-party Call

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

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**Note:** Please contact your service provider to determine if multi-party calling is supported.

---

#### To set up the multi-party call:

1. Call the first participant in the normal manner (see “Making a Call” on page 23).
2. To call another participant, press the **Options** soft key, use the Up and Down navigation keys to scroll to **New Call** and press the **Select** soft key. Enter the new number and press the **Call** soft key or the  key to dial the second call.
3. To add this person to the call, press the **Options** soft key and select the **Join** option. Press the **Select** soft key.
4. To continue adding people to the call, repeat steps 2 and 3 above.  
You can also add incoming callers by answering the call, pressing the **Options** soft key, and selecting the **Join** option.

#### To have a private conversation with one participant:

1. Press the **Options** soft key and select **Split**.
2. Using the Up and Down navigation keys, select the number you wish to talk with and press the **Select** soft key or the  key.
3. You can now talk privately to that person. The other participants can still converse with each other.
4. To return to the multi-party call, press the **Options** soft key, highlight the **Join** option and press the **Select** soft key or the  key.
5. All the multi-party call participants can now hear each other.

#### To drop a participant:

1. Press the **Options** soft key and select **End**.
2. Highlight **Select Participant** and press the **Select** soft key or the  key.
3. Highlight a participant you wish to drop and press  to place a check mark beside that participant. Repeat this step as necessary.

4. When you are finished, press the **Drop** soft key.

The calls to the selected participant(s) are ended but you can continue to talk to the others.

To end the multi-party call:

When you want to end a multi-party call, press the  key.

## Sending a Sequence of DTMF Tones

You can choose to send DTMF tones after entering the entire number you need to send rather than as you press the numeric keys. This option is helpful for entering a password or an account number when you call an automated system, like a banking service.

To send DTMF tones during a call:

1. Press the **Options** soft key.
2. Press the Down navigation key to highlight **Send DTMF**.
3. Press the **Select** soft key or the  key.
4. Enter the numbers you want to send and press the **Send** soft key. The tones are sent.

## Searching for a Number in the Contact List

You can search for a number in the Contact List during a call.

1. Press the **Options** soft key.
2. Use the Down navigation key to scroll to **Contacts** and press the **Select** soft key or the  key.
3. Begin entering the letters of the name. As you type, the first Contact List entry that matches the entered letters is highlighted.

To select a different contact than the one that is highlighted, press the Up or Down Navigation key until the entry you want is highlighted.

4. Press the  key to open the contact information.

For further information on using the Contact list feature, see “Contacts” on page 132.

## Call Waiting

The Call Waiting feature lets you answer an incoming call while you have a call in progress, if your network supports this service and you have set the Call waiting-Voice Calls option to Activate. For information on changing Call Waiting settings see “Call Waiting” on page 155.

To answer a call while you have a call in progress:

1. Press the  key or the **Accept** soft key 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 and select the **Swap** option.
3. To end one or more calls, press the **Options** soft key or the  key, highlight the **End** option and press the  key or the Right navigation key. Highlight **Active Call**, **Held Call** or **All Calls** and press the **Select** soft key or the  key. You can also press the  key to end the current call.

## Access Codes

There are several access codes used by your phone and its SIM card. These codes help protect the phone against unauthorized use.

When requested for any of the codes listed below, enter the appropriate code (displayed as asterisks) and press the **Select** soft key. If you make a mistake, press  one or more times until the incorrect digit is cleared and then continue entering the correct code.

Except for the PUK and PUK2 codes, access codes can be changed using the Security menu (see the Security section in “Set Phone” on page 148).

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**Important!** Avoid using access codes that are similar to emergency numbers, such as 911, so that you do not accidentally dial an emergency number.

---

## Phone Password

The Phone Lock feature allows you to set a password to protect your phone against unauthorized use. For instructions on activating or deactivating the Phone Lock feature and changing the phone password, see the Security section in “Set Phone” on page 148.

## PIN

The Personal Identification Number or PIN (4 to 8 digits) protects your SIM card against unauthorized use. It is usually supplied with the SIM card.

If you enter an incorrect PIN three times in succession, the code is disabled and cannot be used until you re-enable it by entering the PUK (see below). For instructions on activating or deactivating the PIN Check feature and changing the PIN, see the Security section in “Set Phone” on page 148.

## PUK

The 8-digit PUK (PIN Unlocking Key) is required to change a disabled PIN. The PUK may be supplied with the SIM card. If not, or you have lost it, contact your service provider.

To re-enable your PIN:

1. Enter the PUK and press the **OK** soft key.
2. Enter a new PIN of your choice and press the **OK** soft key.
3. When the **Confirm New PIN** message displays, enter the same code again and press the **OK** soft key.

If you enter an incorrect PUK ten times in succession, the SIM card becomes invalid. Contact your service provider for a new card.

## PIN2

The PIN2 (4 to 8 digits), supplied with some SIM cards, is required to access specific functions supported by those cards.

If you enter an incorrect PIN2 three times in succession, the code is disabled and you cannot access the functions until you re-enable it by entering the PUK2.

To change the PIN2, see the Security section in "Set Phone" on page 148.

## PUK2

The 8-digit PUK2 (PIN Unlocking Key 2), supplied with some SIM cards, is required to change a disabled PIN2. If you lose the code, contact your service provider.

To re-enable your PIN2:

1. Enter the PUK2 and press the **OK** soft key.
2. Enter a new PIN2 of your choice and press the **OK** soft key.

3. When the **Confirm New PIN2** message displays, enter the same code again and press the **OK** soft key.

If you enter an incorrect PUK2 ten times in succession, you will not be able to access the functions requiring the PIN2. Contact your service provider for a new card.

# Video Calling

Video calling allows you to transmit photos and live video from your camera phone to another video calling-capable handset, as well as receive photos and live video from that handset. Both phones must be located within a 3G Network coverage area.

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**Note:** Your phone must be equipped with an HSDPA SIM card and your network must support video calling for this feature to work. Consult your service provider for more details.

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## Making a Video Call

To make a video call from the Idle screen:

1. Enter the area code and phone number.
2. Press the  key.

Your phone switches to video calling mode and initiates the call, displaying **V-Call Connecting** on the screen. When the phone connects, an on-screen menu bar appears (see "Options During a Video Call" on page 40). During the video call, your phone can transmit photos or videos from your camera and receive photos or videos from the other phone.

3. To end the call, briefly press the  key or close the phone.
- 

**Note:** You can also make a video call by pressing the  key, entering the phone number and pressing the  key again.

---

To make a video call to one of your Contacts:

1. In Idle mode, press the  key to access the main menu.
2. Highlight **Contacts** and press the **Select** soft key or  key.

3. Highlight the desired contact and press the  key or press the **Options** soft key, highlight **Video Call**, and press the **Select** soft key or the  key.

Your phone switches to video calling mode. During the video call, your phone can transmit photos or videos from your camera and receive photos or videos from the other phone during the conversation.

4. To end your call, briefly press the  key or close the phone.

## Receiving a Video Call

When somebody places a video call to you, the phone rings and shows the Video Call icon on the front display and Video Call icon and message on the Main display. When the caller can be identified, the caller's phone number or name stored in your Contact list is also displayed on the Main display.

To answer a video call:

1. If necessary, open the phone.
2. Press the  key or the **Accept** soft key to answer the incoming video call.

If the **Any Key** option in the **Call Answer** menu is activated, you can press any key to answer a call except the  key and the **Reject** soft key (see the Call Answer section in "General" on page 151 for more information).

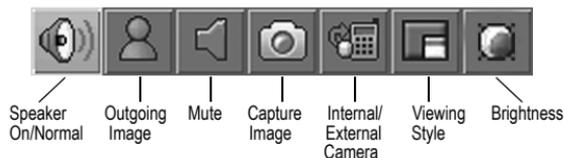
If the **Open Flip** option in the **Call Answer** menu is activated, you can answer the call simply by opening the phone (see Call Answer section in "General" on page 151 for more information).

Your phone switches to video calling mode. During the video call, your phone can transmit photos or videos from your camera and receive photos or videos from the other phone (see below).

3. To end the call, briefly press the  key or close the phone.

## Options During a Video Call

Your phone provides a number of features that you can use during a video call. The main options can be accessed using the on-screen menu bar. To access any of the following features, press the left or right navigation keys to highlight the desired option. The current setting is shown above the menu bar. To change the setting, press the  key, highlight a new selection and press the **Select** soft key or the  key.



- ◆ **Speaker On/Normal:** Switches between Normal speaker volume and Loudspeaker. The other phone's sound is not affected.
- ◆ **Outgoing Image:** Controls the image or video that is displayed on the other phone. You can select between:
  - **Show Me:** Displays your current camera view (either Internal or External).
  - **Default Image:** Shows the default picture on the other phone. Your camera is no longer transmitting video.
  - **Freeze Me:** Takes a photo using your camera and transmits that photo to the other phone. To update the photo, select **Show me Again**, followed by **Freeze me**.
  - **My Image:** Transmits a preselected image stored in your phone's memory. To select the image, see "Picture Album" on page 67.
- ◆ **Mute/Unmute:** Press  to check/uncheck one or more of the following:
  - **All:** To mute/unmute both the microphone and keypad tones.
  - **My Voice:** Mutes your microphone so that the other caller cannot hear you.

- **KeypadTones:** Mutes your keypad tones so that the other caller cannot hear them.
- ◆ **Capture Image:** Lets you save a still image on your phone.
- ◆ **Internal/External Camera:** Corrects image inversion when the camera is rotated between internal and external position.
- ◆ **Viewing Style:** Switches the view on your display between:
  - Full screen view of receiving image
  - Full screen view of my receiving image with picture-in-picture view of transmitting image
  - Full screen view of my transmitting image
  - Full screen view of my transmitting image with picture-in-picture view of receiving image
- ◆ **Brightness:** Allows you to change the brightness of your display. Press the left or right navigation key to adjust the brightness and press the  key to save the new setting.

You can also press the **Options** soft key during a video call to access a wider range of options.

- ◆ **Normal/Speaker On:** Switches between Normal speaker volume and Loudspeaker. The other caller's sound is not affected.
- ◆ **Whisper Mode On/Off:** Increases the microphone sensitivity level so that you do not have to speak louder to be heard by the other party.
- ◆ **Outgoing Image:** Controls the image or video that is displayed on the other phone (see above).
- ◆ **Mute/Unmute:** Press  to check/uncheck one or more of the following:
  - **All:** To mute/unmute both the microphone and keypad tones.
  - **My Voice:** Mutes your microphone so that the other caller cannot hear you.

- **Keypad Tones:** Mutes your keypad tones so that the other caller cannot hear them.
- ◆ **Internal/External Camera:** Corrects image inversion when the camera is rotated between internal and external position.
- ◆ **Capture Image:** Lets you save a still image on your phone.
- ◆ **Display Options:** Select this option to choose one of the following:
  - **Brightness:** Lets you adjust the image lighter or darker.
  - **Effects:** Lets you apply Black and White or Sepia effect to the image.
  - **Quality:** Allows you to optimize the transmitted video quality for Normal, Little movement or Lots of movement.
  - **Viewing Style:** Switches the view on your display between:
    - Full screen view of receiving image
    - Full screen view of my receiving image with picture-in-picture view of transmitting image
    - Full screen view of my transmitting image
    - Full screen view of my transmitting image with picture-in-picture view of receiving image
  - **Zoom:** Lets you magnify a portion of the image on your screen.
  - **Hide/Show Caller ID:** Hides or shows the caller ID of the person you are speaking with on your screen.
- ◆ **Save to Contacts:** Lets you save the number of the person you are speaking with to Contacts.
- ◆ **More Options**
  - **Contacts:** Allows you to access your Contacts list. Your video call will continue.
  - **Send Message:** Allows you to create and send a new text or picture message. Your video call will continue.
  - **Message Inbox:** Allows you to access your Message Inbox. Your video call will continue.

- **Send DTMF:** Lets you send DTMF (Dual Tone Multi-Frequency) tones, the sounds generated when you press the number keys, as a group. See “Sending a Sequence of DTMF Tones” on page 33.
  - **Notes:** Allows you to create a note with the current phone number. Your video call will continue.
- ◆ **Switch to Voice Call:** Ends the video call and initiates a voice call.
  - ◆ **Settings:** Allows you to view and change call settings.
    - **Select My Image:** Press the **Options** soft key and select either **Get From My files** or **Use preset image**.
    - **Use Call Fail Options:** Select either **Off** or **On**. When this option is on, you will be prompted to choose another connection method when a video call connection is not successful.
    - **Auto Redial:** Select either **Off** or **On**. While **On**, your phone will redial automatically if a call is unable to connect or is cut off.

## Entering Text

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

Your phone has the following text input modes:

- ◆ **Alphabet modes (ABC, abc, Abc):** These modes allow you to enter letters by pressing the key labeled with the letter you want multiple times until the desired character displays. You can select all upper case, all lower case, or initial capital format.
- ◆ **T9 Input modes (T9 abc, T9 Abc, T9 ABC):** These modes let you enter words with only one keystroke per letter. As you press one key on the keypad for each letter, your keystrokes are automatically compared with an internal linguistic dictionary to determine the correct word, thus requiring far fewer keystrokes than the traditional Alphabet mode.
- ◆ **Number mode:** This mode allows you to enter series of numbers.
- ◆ **Symbol mode:** This mode allows you to enter various symbols and special characters.

## Changing the Text Input Mode

When you are in a field that allows characters to be entered, you will see the text input mode indicator near the top right corner of the display.

To change the text input mode:

- ◆ Press and hold the  key to switch between T9 and Alphabet modes.
- ◆ Press the  key to cycle between Initial Capital , Upper Case , Lower Case  and Numeric entry  modes.

- ◆ To access the Symbol  mode, press and hold the  key.
- ◆ You can also access any of the input modes by pressing the **Options** soft key and selecting **Input Method**. Highlight the desired input method (and case) and press the **Select** soft key or the  key.

## Using T9 Mode

T9 is a predictive text input mode based on a built-in dictionary that allows you to key in characters using a single keystroke. Your phone selects the most likely word based on your keystroke combinations.

To enter a word in T9 mode:

1. Start entering a word by pressing the numeric keys. Press each key only once for each letter.

**Example:** To enter “HELLO”, press the

, , ,  and  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 the one you want, press the  key to display an alternative word choice. Continue until the correct word displays or no choices remain, at which time you can spell the word and add it to the phone’s dictionary (see below).
3. Insert a space by pressing the  key and start entering the next word.

To add a new word to the T9 dictionary:

1. When you press the  key on the last alternative word available, the left soft key changes to **Spell**. Press the **Spell** soft key and enter the word you want using Alphabet mode.

- ◆ To enter a punctuation mark (period, hyphen, colon, apostrophe, etc.), use the Symbol mode (see below).
  - ◆ To shift case, use the  key to toggle between Initial Capital, Upper Case, Lower Case and Numeric modes.
  - ◆ You can move the cursor using the Left and Right navigation keys.  
To delete letters, press the  key. Press and hold the  key to clear the display.
2. Press the **Add** soft key. The word is added to the T9 dictionary and becomes the first word for the associated key presses.

## Using Alphabet Mode

Use the 0 to 9 keys to enter your text.

1. Press the keys labeled with the letter you want:
  - ◆ Once to enter the first letter
  - ◆ Twice in quick succession for the second letter
  - ◆ Three times in quick succession for the third letter
  - ◆ Four times in quick succession for the fourth letter
2. Select the other letters in the same way.

---

**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, wait a few seconds for the cursor to move to the right automatically and then select the next letter.

---

The following table shows the characters available for each key:

Key	Characters in order displayed when key is pressed repeatedly	
	Uppercase	Lowercase
1	. , - ? ! @ : ( ) / 1	. , - ? ! @ : ( ) / 1

2	A B C Ä Å Æ Ç 2	a b c ä å æ ç 2
3	D E F É Δ Φ 3	d e f è é φ 3
4	G H I Γ 4	g h i i Γ 4
5	J K L Λ 5	j k l Λ 5
6	M N O Ñ Ö Ø Ω 6	m n o ñ ö ø Ω 6
7	P Q R S Π Σ Ψ 7	p q r s β Σ Ψ 7
8	T U V Ü Θ 8	t u v ü ù 8
9	W X Y Z Æ 9	w x y z Æ 9
0	+ = < > € £ \$ % & ¥ ¢ 0	+ = < > € £ \$ % & ¥ ¢ 0
#	space	space

- ◆ To shift the case in Alphabet mode, use the  key.
- ◆ Move the cursor using the Left and Right navigation keys.
- ◆ To delete letters, press . Press and hold  to clear the display.

## Using Number Mode

Number mode lets you 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. Press and hold the  key access Symbol mode.

To	Press the
select a symbol group	navigation keys
select a symbol	corresponding number key adjacent to the symbol
clear an entry	 key
insert the symbol(s) into your message	<b>OK</b> soft key
cancel your input and return to the previous mode	<b>Cancel</b> soft key

# Transferring Files

You can transfer music, pictures, video clips and other files between your phone and a personal computer in several ways, including:

- ◆ using a USB cable
- ◆ using Bluetooth
- ◆ using a microSD card reader

## Transferring Files via USB Cable

### Between PC and Phone or Card Using PC Studio 3

File transfer between your phone and a PC or card using Samsung's PC Studio 3 software (included with your phone) requires a PC with available USB port, installation of PC Studio 3 on the PC, and a USB cable.

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**Note:** For more information on Samsung PC Studio 3, consult the online help provided with the PC Studio 3 software.

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**Note:** Your phone's USB Setting must be set to PC Studio or Ask on Connection to use PC Studio 3 (see "Select USB Mode" on page 167).

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1. Start the PC Studio 3 software.
- 

**Note:** The first time you start the PC Studio 3 software, a connection wizard appears that leads you through the process of setting up your phone connection. Do not plug the USB cable into a USB port on your PC until instructed to do so by the software.

---

2. Connect the USB cable to a USB port on your PC and to your phone.
  - ◆ **USB Mode set to Ask on Connection:** the Ask on Connection window appears on the phone. Highlight **PC Studio** and press the **Select** soft key or the  key. The status message at the bottom

right of the PC Studio screen changes from **Not Connected** to **SGH-A746 Connected**.

◆ **USB Mode set to PC Studio:** The status message at the bottom right of the PC Studio screen changes from **Not Connected** to **SGH-A746 Connected**.

3. In the PC Studio program, select **Phone Explorer**. The Phone Explorer window appears. It displays the folders on your phone at the top left of the screen, folders on your PC at the bottom left and contents of the highlighted folder on the right side.
4. Using Phone Explorer, navigate to the folder(s) containing the files you wish to transfer. You can drag and drop files between computer and phone or microSD card folders.

## Between PC and Card using Microsoft Windows

You can also transfer files between a microSD card in your phone and a PC using a USB cable and Microsoft Windows using the following procedure.

---

**Note:** Your phone's USB Setting must be set to Mass Storage or Ask on Connection (see "Select USB Mode" on page 167).

---

1. Connect the USB cable to a USB port on your PC and to your phone.
  - ◆ **USB Mode set to Ask on Connection:** the Ask on Connection window appears on the phone. Highlight **Mass Storage** and press the **Select** soft key or the  key. "Connected" appears on the phone display.
  - ◆ **USB Mode set to Mass Storage:** "Connected" appears on the phone display.
2. Open My Computer on the PC. The list of contents will include a "Removable Disk" with the name of the microSD card in your phone.

3. Double click the disk icon to view the contents of the card. You can drag and drop files between the computer and the folders on the card.

## Transferring Files via Bluetooth

File transfer between your phone and a PC using Bluetooth requires a PC with Bluetooth wireless capability and installation of Samsung's PC Studio 3 software (included with your phone).

---

**Note:** For more information on Samsung PC Studio 3, consult the online help provided with the PC Studio 3 software.

---

To transfer files using Bluetooth:

1. Start the PC Studio 3 software.
  2. Select **Phone Explorer**. The Phone Explorer window appears.
  3. On the File menu, select **Connection** to open the Connection Manager window.
  4. Select **Bluetooth**. If you do not have a Bluetooth connection established, follow the on-screen instructions to create your connection.
- 

**Note:** To receive data via Bluetooth, your phone's Bluetooth feature must be active. For more information on activating Bluetooth on your phone, see "Activation" on page 161.

---

5. Phone Explorer displays the folders on your phone at the top left of the screen, folders on your PC at the bottom left and contents of the highlighted folder on the right side. Navigate to the folder(s) containing the files you wish to transfer. You can drag and drop files between the computer and phone or microSD card folders.

## Transferring Files via microSD Card

You can directly transfer music and other files between your PC and a microSD memory card.

1. Remove the microSD card from your phone (see “Removing a microSD Card” on page 15) and insert it into your PC’s microSD card reader or, if you are using an SD card reader, first insert the microSD card into a microSD adapter (see “Using a microSD Adapter” on page 15) then insert the adapter into the SD card reader.
2. Open My Computer on the PC. The list of contents will include a “Removable Disk” with the name of the microSD card.
3. Double click the disk icon to view the contents of the card. You can drag and drop files between the computer and the folders on the card.

---

**Note:** The first time that a microSD card is inserted into your phone, your phone automatically creates a series of folders on it for file storage (Voice List, Video, Ring Tunes, Music, Graphics).

---

## Transferring Files Using MTP

You can also transfer multimedia files between your phone and a PC using Microsoft MTP (Media Transfer Protocol), which transfers media files and associated metadata to/from devices with optional additional support for remote control of the device, reading and setting of device parameters such as special DRM-related device parameters for restricted content.

---

**Note:** Your phone’s USB Setting must be set to Media Player or Ask on Connection to use this procedure (see “Select USB Mode” on page 167).

---

1. Connect the USB cable to a USB port on your PC and to your phone.
  - ◆ **USB Mode set to Ask on Connection:** the Ask on Connection window appears on the phone. Highlight **Media Player** and press the

Select soft key or the  key. “Connected” appears on the phone display.

◆ **USB Mode set to Media Player:** “Connected” appears on the phone display.

2. Open **My Computer** on the PC. The list of contents will include a “Portable Media Device” with the name of your phone (SGH-A746-Phone) and, if a microSD card is inserted in your phone, another “Portable Media Device” for the card (SGH-A746-Card).
3. Double click the Phone or Card icon to view Data and Media folders on the device. You can drag and drop files between the computer and these folders.

## Transferring Music Using a Media Application

This procedure allows you to synchronize music files between your phone and a PC media application such as Windows Media Player.

---

**Note:** Your phone’s USB Setting must be set to Media Player or Ask on Connection to use this procedure (see “Select USB Mode” on page 167).

---

**Note:** The following steps reflect the procedure used with Windows Media Player 10. If you are using some other form of media player, or a later version of Windows Media Player, refer to the application’s Help files for specific directions.

---

1. Connect the USB cable to a USB port on your PC and to your phone.
  - ◆ **USB Mode set to Ask on Connection:** the Ask on Connection window appears on the phone. Highlight **Media Player** and press the **Select** soft key or the  key. “Connected” appears on the phone display.
  - ◆ **USB Mode set to Media Player:** “Connected” appears on the phone display.

2. Open **Windows Media Player** on the PC and click the **Sync** tab. The list of devices at the right side of the screen will include your phone (SGH-A746-Phone) and, if a microSD card is inserted in your phone, the card (SGH-A746-Card). Select the location where downloaded files are to be stored.
3. Click the **Edit Playlist** button in Windows Media Player and add the files you want to transfer to your phone to the playlist. Ensure that there is a checkmark in the box at the left side of each song you want to synchronize with your phone.
4. Click the **Start Sync** button at the upper left side of the Media Player window to download the selected music to your phone. “Synchronization in progress” is displayed in Windows Media Player and “Downloading” on the phone while file transfer is in progress.

---

**Note:** Do not unplug the USB connector from the phone or PC while files are being transferred.

---

5. When file transfer is complete, unplug the USB connector from the phone.

# Menus

This section explains the menu navigation for your phone. It also includes an outline of all the available menus associated with your phone. Some menu options are controlled by the SIM provided by your service provider.

## Menu Navigation

The navigation keys on your phone allow you to scroll through menus quickly and easily. The scroll bar at the right of the menu keeps track of your position in the menu at all times.

- ◆ To access menus from the Idle screen, press the  key.
- ◆ To navigate through a menu, press the navigation key up or down. If you are in the main menu displayed in Grid format, you may also navigate to adjacent menus by pressing the navigation key left or right. Press the **Volume** key (located on the left side of your phone) to move to the top or bottom of the displayed list.
- ◆ As you navigate through a menu, menu options are highlighted. To select the highlighted item, press the **Select** soft key or the  key. You can also select any numbered option by pressing the corresponding number on the phone's keypad.

---

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

---

- ◆ If Pop Up List Menu is set to On (see “Set Display” on page 144), submenus display to the right of a highlighted menu item. Press either the Right navigation key or the  key to access the submenu.
- ◆ To return to the previous level, press the **Back** soft key or the  key.
- ◆ To exit the menu and return to the Idle screen, press the  key.

## Main Menu Style

You can choose to display the Main menu as a 3x3 grid of icons or a list. For more information, see Menu Style in “Set Display” on page 144.

## List of Menu Functions

The following list shows the menu structure.

### 1. Rogers Mall

#### 2. Media

1. Music
2. Ring Tunes
3. Picture Album
4. Video
5. Voice Notes
6. Media Applications
7. Other Files
8. Memory Status

#### 3. Games and Apps

1. Get New Games
2. Get New Applications

#### 4. Call History

1. All Calls
2. Missed Calls
3. Calls Made
4. Calls Received
5. Speed Dial List
6. Delete All
7. Voice Call Time
8. Video Call Time

#### 5. Vision

1. Friends
2. Video/Radio
3. Mobile TV
4. Rogers Music Player
5. MobileMail
6. Internet
7. Video Call
8. More Services

#### 6. Messages

1. Rogers IM

2. MobileMail
3. Create New Message
4. Inbox
5. Sent
6. Outbox
7. Drafts
8. My Folder
9. Templates
10. Voice Mail
11. Video Mail
12. Delete All
13. Messages Settings
14. Memory Status

## **7. Tools**

1. Calendar
2. Alarms
3. Calculator
4. World Time
5. Stopwatch
6. Tasks
7. Notes
8. Tip Calculator
9. Converter
10. Timer

## **8. Contacts**

- Contacts (tab)
- Groups (tab)

## **9. Settings**

1. Set Sound Profile
2. Set Display
3. Set Time & Date
4. Set Phone
5. Set Calls
6. Set Connectivity
7. Set Applications
8. Reset Settings
9. Set Memory

# Rogers Mall

This menu selection (**Menu 1**) opens the Internet Browser and automatically accesses the Rogers Zone home page. You can also view other Internet sites, view sites saved as Favorites, create Favorites, clear your cache or manage cookies.

## Accessing an Internet Site

There are three ways to access an Internet site:

- ◆ Select a link on the screen
- ◆ Enter the Web address directly on the phone screen (see “Enter a URL” on page 60).
- ◆ Select a favorite in the Favorites list (see “Favorites” on page 61).

## Using the Internet Browser

While using the Internet Browser, the following navigational controls are available:

To	Press the
scroll through and select browser items	Up or Down Navigation keys until the item is highlighted, and then press the  key to confirm the selection
select a numbered item	corresponding numeric key
return to the previous page	<b>Back</b> soft key or the  key
return to the startup homepage	press the <b>Options</b> soft key and select <b>Go to Homepage</b>
exit the browser	 key

## Entering Text in the Internet Browser

When you are prompted to enter text, the current text input mode is indicated at the upper right side of the screen. See “Entering Text” on page 44 for more information.

## Browser Options

While using the Browser, press the **Options** soft key to access the following functions:

- ◆ **Go to URL:** Opens a WAP page where you can enter a URL and access the associated Web site. Ensure the display is set to Desktop View (press the **Options** soft key, highlight **Desktop View** and press the  key or the **Select** soft key). Highlight the **Go To** box, press the  key to activate the cursor and enter the URL. Highlight the activation box adjacent to the Go To box and press the  key. The page opens.
- ◆ **Go:** Lets you navigate Forward (next sequenced web page) or Backward (to the previously visited web page) through pages in your browsing history.
- ◆ **Reload:** Reloads the current page.
- ◆ **Desktop/Smart-Fit View:** Changes the display mode of the browser.
- ◆ **Page Size:** Lets change the page size of the displayed web page by zooming using the Left and Right navigation keys.
- ◆ **Go to Homepage:** Takes you back to the homepage of the Wireless Web service provider.
- ◆ **Add to Favorites:** Adds the current page to your Favorites list.
- ◆ **View Favorites:** shows your Favorites list (see “Favorites” on page 61 for more information on using Favorites).
- ◆ **Send URL via:** Send the URL of the current page via either a message or to another party via a Bluetooth device.
- ◆ **Copy URL to Message:** Send the URL of the current page to another party as a message.

- ◆ **History:** Displays a list of web pages you have recently accessed.
- ◆ **Show URL:** Displays the details of the Web page currently appearing in the browser, including Title, Address, Size, MIME Type, and Last Updated.
- ◆ **Advanced:** Allows you to change the following settings for the browser.
  - **Clear Caches:** Deletes the information stored in the phone's memory caches (temporary memory where recently accessed web pages are stored).
  - **Empty Cookies:** Delete cookies. A cookie is a small text file placed on your phone by a web site. Although primarily used for identification purposes during subsequent visits to the same site, cookies can also contain personal information.
  - **Cookie Options:** Sets whether or not cookies are stored on your phone. You can Accept All, Reject All, or choose to be prompted to accept or reject each cookie received.
  - **Preferences:** Preferences let you configure how your browser handles multimedia content and web scripts. You can choose whether or not to Run JavaScript, Display Images and Play Sound.
  - **Certificates:** Accesses certificate information from your phone.
  - **Browser Settings:** Selects a connection profile to be used when connecting to the Internet.
  - **About Browser:** Displays the version and copyright information for the browser.

## Enter a URL

To directly enter the Web address and access the associated Web site:

1. From the Idle screen, press the **Ⓞ** key to access the menu.
2. Using the navigation keys, scroll to **Rogers Mall** and press the **Select** soft key or the **Ⓞ** key. The Rogers Zone home page opens.
3. Using the navigation keys, highlight **Internet** and press the **Ⓞ** key.

4. Using the navigation keys, scroll to **Go To** and press the  key. A blinking cursor appears after `http://` in the Go To box.
5. Enter the name of the Web site you want to access (see “Entering Text” on page 44 for text entry instructions).
6. Press the Right navigation key to select the **Go To** button, then press the  key. The site opens.

## Favorites

Favorites let you directly access your favorite Internet sites.

### Go to Favorite

1. From the Idle screen, press the  key to access the menu.
2. Using the navigation keys, scroll to **Rogers Mall** and press the **Select** soft key or the  key.
3. Press the **Options** soft key, select **View Favorites** and press the **Select** soft key or the  key.
4. Using the Navigation keys, scroll to the favorite you want to access and press the  key or the **Options** soft key, highlight **Go to** and press the Select soft key or the  key.

While in the Favorites menu, press the **Options** key for the following choices:

- ◆ **Go to:** Accesses the bookmarked page.
- ◆ **Edit Favorites:** Lets you edit the title and/or URL of the selected favorite.
- ◆ **Add Favorites:** Adds the current page to your Favorites list.
- ◆ **Send URL via:** Send the URL of the current page via either a message or to another party via a Bluetooth device.
- ◆ **Copy URL to Message:** Send the URL of the current page to another party as a message.

- ◆ **Save to Media:** Saves the current web page to the Other Files folder in the Media section.
- ◆ **Delete:** Removes the favorite or all favorites.

## Store a Favorite

Use the following procedure to store the URL of a page you have accessed in your Favorites list.

1. Open the Web page (see Accessing an Internet Site above).
2. Press the **Options** soft key.
3. Select **Add to Favorites**.
4. Press the **Select** soft key or the  key. The message "Favorite saved" appears briefly.

## Edit a Favorite

Use the following procedure to edit the name or address of a Favorite stored in your Favorites list:

1. Open your Favorites list (see above). Using the Navigation keys, highlight the Favorite you want to change and press the **Options** soft key.
2. Highlight **Edit Favorites** and press the **Select** soft key or the  key.
3. Change the Title and URL as required.
4. Press the **Save** soft key or the  key to save the changes. The message "Favorite Saved" appears briefly.

## Deleting Favorites

Use the following procedure to delete a Favorite you no longer want in your Favorites menu:

1. Open your Favorites list (see above) and highlight the Favorite you want to delete.

2. Press the **Options** soft key, highlight **Delete** and press the **Select** soft key or the  key.
3. highlight **Selected** and press the **Select** soft key or the  key.
4. Press the **Yes** soft key or the  key to confirm the deletion.

To delete all favorites:

1. Open your Favorites list (see above).
2. Press the **Options** soft key, highlight **Delete** and press the **Select** soft key or the  key.
3. Highlight **All** and press the **Select** soft key or the  key.
4. Press the **Yes** soft key or the  key to confirm the deletion.

# Media

The Media menu (**Menu 2**) is used to manage your media files (music, ring tones, pictures, videos, voice notes) and access media applications (camera, camcorder, music player and audio recorder).

Media files are organized in a series of named folders. You can also create additional folders or sub-folders to further organize your files.

---

**Note:** If you have inserted a microSD memory card in your phone, you can scroll right or left while in the Media menu to view similar folders, and the files they contain, in the memory card.

---

## Music

In this folder, you can access songs downloaded from the Rogers Music Store or transferred from your computer or your memory card. Press the **Options** soft key to access additional options.

### Music Options

The following options are available when you press the **Options** soft key with a music file highlighted. The availability of some of these options depends on the highlighted (selected) file:

- ◆ **Play:** Plays the currently selected music file.
- ◆ **Send via:** Lets you send the selected file to a recipient in a Message or via Bluetooth to another Bluetooth device.
- ◆ **Move:** Lets you move the Selected file or Multiple files to another folder on the phone or to a microSD memory card if one is inserted.
- ◆ **Copy:** Lets you place a copy of the Selected file or Multiple files in another location, including folder on the microSD memory card if one is inserted.
- ◆ **Delete:** Lets you delete the Selected file, Multiple files or All files.

- ◆ **Rename:** Lets you change the name of the selected file.
- ◆ **Add to Playlist:** Lets you add the file to a new or existing playlist.
- ◆ **Create Folder:** Lets you create a subfolder. After you create a folder, you can highlight it and access the following additional options from the Option soft key:
  - **Open:** Opens the selected folder or subfolder.
  - **Create Folder:** Lets you create a subfolder.
  - **Move Folder:** Lets you move the folder to a new location.
  - **Copy Folder:** Lets you copy the folder to another location.
  - **Delete Folder:** Deletes the selected folder or subfolder.
  - **Rename Folder:** Lets you rename the selected folder or subfolder.
  - **Sort by:** Lets you arrange all your files by Date, Type, Name, or Size.
  - **Bluetooth Visibility:** Allows the media file to be shared or released for the use with another Bluetooth device.
  - **Memory Card Settings:** Lets you view memory card details, format or rename the card, and enable/disable Bluetooth visibility.
  - **Properties:** Displays all the properties of the currently selected file.
- ◆ **Sort by:** Lets you arrange all your files by Date, Type, Name or Size.
- ◆ **Bluetooth Visibility:** Allows the media file to be shared or released for the use with another Bluetooth device.
- ◆ **Lock/Unlock:** Lets you lock the file and unlock it when necessary. Locking files prevents accidental deletion.
- ◆ **Properties:** Display all the properties of the currently selected file.

## Ring Tunes

In this folder you can download ring tunes using the Internet browser and manage your ring tunes.

## Get Ring Tunes

This option allows you to download ring tunes from your service provider. To launch the service, highlight **Get New Ring Tunes** and press the  key. Follow the online instructions shown on your display screen after you launch this service. Press the **Options** soft key to access browser options (see "Using the Internet Browser" on page 58).

## Ring Tunes Options

The following options are available when you press the **Options** soft key with a ring tune highlighted. The availability of some of these options depends on the highlighted (selected) file:

- ◆ **Play:** Plays the currently selected ring tune.
- ◆ **Set as:** Lets you set the selected ring tune as your Voice Call Ring Tune, Video Call Ring Tune, Caller Ring Tune or Alarm Tone.
- ◆ **Move:** Lets you move the Selected file or Multiple files to another folder on the phone or in the microSD memory card if one is inserted.
- ◆ **Copy:** Lets you place a copy of the Selected file or Multiple files in another location, including folder on the microSD memory card if one is inserted.
- ◆ **Delete:** Lets you delete the Selected file, Multiple files or All files.
- ◆ **Rename:** Lets you change the name of the selected file.
- ◆ **Add to Playlist:** Lets you add the file to a music playlist.
- ◆ **Create Folder:** Lets you create a subfolder. After you create a folder, you can highlight it and access the following additional options from the **Option** soft key:
  - **Open:** Opens the selected folder or subfolder.
  - **Create Folder:** Lets you create a subfolder.
  - **Move Folder:** Lets you move the folder to another location in the phone or on a memory card.

- **Copy Folder:** Lets you copy the folder to another location in the phone or on a memory card.
  - **Delete Folder:** Deletes the selected folder or subfolder.
  - **Rename Folder:** Lets you rename the selected folder or subfolder.
  - **Sort by:** Lets you arrange all your files by Date, Type, Name, or Size.
  - **Bluetooth Visibility:** Allows the media file to be shared or released for the use with another Bluetooth device.
  - **Memory Card Settings:** Lets you view memory card details, format or rename the card, and enable/disable Bluetooth visibility.
  - **Properties:** Displays all the properties of the currently selected file.
- ◆ **Sort by:** Lets you arrange all your files by Date, Type, Name or Size.
  - ◆ **Bluetooth Visibility:** Allows the media file to be shared or released for the use with another Bluetooth device.
  - ◆ **Lock/Unlock:** Allows you to lock the file so it can not be deleted. Files must be unlocked before they can be deleted.
  - ◆ **Properties:** Displays all the properties of the currently selected file.

## Picture Album

This folder contains your collections of provided and downloaded pictures as well as those taken with your phone's internal camera. You can also download pictures and select pictures to be displayed as wallpaper or as caller ID images.

To view an image, highlight it and press the **⏏** key or the **Options** soft key, highlight **View** and press the **Select** soft key or the **⏏** key.

## Get New Graphics

The Download Graphics option allows you to download images from your service provider.

1. From the Idle screen, press the **Menu** soft key or the **⏏** key to access Menu mode.

2. Use the navigation keys to highlight **Media** and press the **Select** soft key or the  key. Highlight **Picture Album** and press the  key or the **Options** soft key, highlight **Open** and press the **Select** soft key.
3. Highlight the **Get New Graphics** menu option to launch the browser. Follow the on-screen options to select and download a file.
4. Select the  key to return to the Idle screen.

## Picture Options

The following options are available when you press the **Options** soft key with a graphic file highlighted. The availability of some of these options depends on the highlighted (selected) file:

- ◆ **View:** Displays the image.
- ◆ **Send:** Lets you send the selected file to a recipient in a Message, via Bluetooth to another Bluetooth device, or to an Online Album.
- ◆ **Set as:** allows you to set the photo as wallpaper for the Main Display or Front Display, or assign it to a Caller ID.
- ◆ **Move:** Lets you move the Selected file or Multiple files to another folder on the phone or to a microSD memory card (if one is inserted).
- ◆ **Copy:** Lets you place a copy of the Selected file or Multiple files in another location, including a folder on the microSD memory card if one is inserted.
- ◆ **Delete:** Lets you delete the Selected file, Multiple files or All files.
- ◆ **Rename:** Lets you change the name of the selected file.
- ◆ **Take Photo:** Lets you take a picture using your phone's camera.
- ◆ **Create Folder:** Lets you create a subfolder. After you create a folder, you can highlight it and access the following additional options from the **Option** soft key:
  - **Open:** Opens the selected folder or subfolder.
  - **Take Photo:** Lets you take a picture using your phone's camera.
  - **Create Folder:** Lets you create a subfolder.

- **Move Folder:** Lets you move the folder to another location in the phone or on a memory card.
- **Copy Folder:** Lets you copy the folder to another location in the phone or on a memory card.
- **Delete Folder:** Deletes the selected folder or subfolder.
- **Rename Folder:** Lets you rename the selected folder or subfolder.
- **Sort by:** Lets you arrange all your files by Date, Type, Name, or Size.
- **Bluetooth Visibility:** Allows the media file to be shared or released for the use with another Bluetooth device.
- **Memory Card Settings:** Lets you view memory card details, format or rename the card, and enable/disable Bluetooth visibility.
- **Properties:** Displays all the properties of the currently selected file.
- ◆ **Sort by:** Lets you arrange all your files by Date, Type, Name or Size.
- ◆ **Bluetooth Visibility:** Allows the media file to be shared or released for the use with another Bluetooth device.
- ◆ **Print via:** Lets you print the media file via USB connection to a printer or computer, or via Bluetooth.
- ◆ **Lock/Unlock:** Lets you lock the file and unlock it when necessary. Locking files prevents accidental deletion.
- ◆ **Properties:** Display all the properties of the currently selected file.

## Photo Editing and Management

Once you have selected and loaded a photo, the following options are available for editing and management of the photo.

- ◆ **Zoom:** Allows you to zoom in on the image or zoom out.
- ◆ **Send:** Lets you send the selected file to a recipient in a Message, via Bluetooth to another Bluetooth device, or to an Online Album.
- ◆ **Set as:** Allows you to set the photo as wallpaper for the Main Display or Front Display, or assign it to a Caller ID.
- ◆ **Delete:** Lets you delete the Selected file, Multiple files or All files.

- ◆ **Rename:** Lets you change the name of the selected file.
- ◆ **Edit:** Loads the photo in edit mode and allows you to change it using the following options:
  - **Save as:** Allows you to change the name of the image.
  - **Effects:** Allows you to apply a Black and White, Sepia, Negative, Milky, Lighting, Crayon Pastel, Oil Paint, Blur, Despeckle, or Sharpen effect to the image.
  - **Partial Effects:** Allows you to apply a partial effect to the image (Partial Blur or Redeye Repair).
  - **Adjust:** Allows you to make adjustments to the Brightness, Contrast, and Color of the photo.
  - **Transform:** Allows you to Resize, Rotate, or Flip the photo.
  - **Crop:** Allows you to select a portion of the image. Use the Navigation keys to move the selection box. To change the size or shape of the box, press the **Options** soft key, select Size or Shape, and use the Navigation keys to alter the box size or shape.
  - **Insert:** Allows you to add a Frame, Clipart, Emoticons or Text to a photo.
  - **Send:** Lets you send the selected file to a recipient in a Message, via Bluetooth to another Bluetooth device, or to an Online Album.
  - **Set as:** Allows you to set the photo as wallpaper for the Main Display or Front Display, or assign it to a Caller ID.
  - **Print via:** Allows you to print the photo using a USB or Bluetooth connection.
- ◆ **Bluetooth Visibility:** Allows you to make the graphic visible to Bluetooth devices.
- ◆ **Slide Show:** Displays the photos in your Picture Album as a slide show.
- ◆ **Print via:** Allows you to print the selected graphic using a USB or Bluetooth printer.
- ◆ **Lock/Unlock:** Lets you lock the file and unlock it when necessary. Locking files prevents accidental deletion.

- ◆ **Properties:** Display all the properties of the currently selected file.

## Video

In this folder, you can view the videos you have taken using the built in camcorder, as well as videos downloaded from the Web or received in picture messages.

### Download Videos

Using the Download Videos option, you can access your service provider's site where you can download new videos.

1. From the Idle screen, press the **⊙** key to access Menu mode.
2. Use the navigation keys to highlight **Media** and press the **Select** soft key or the **⊙** key. Highlight **Video** and press the **⊙** key or the **Options** soft key, highlight **Open** and press the **Select** soft key.
3. Highlight the **Get New Videos** menu option to launch the browser. Follow the on-screen options to select and download a file.

### Video Options

The following options are available when you press the **Options** soft key with a video file highlighted. The availability of some of these options depends on the highlighted (selected) file:

- ◆ **Play:** Plays the currently selected video.
- ◆ **Send:** Lets you send the selected file to a recipient in a Message, via Bluetooth to another Bluetooth device, or to an Online Album.
- ◆ **Move:** Lets you move the Selected file or Multiple files to another folder on the phone or to a microSD memory card if one is inserted.
- ◆ **Copy:** Lets you place a copy of the Selected file or Multiple files in another location, including folder on the microSD memory card if one is inserted.

- ◆ **Delete:** Lets you delete the Selected file, Multiple files or All files.
- ◆ **Rename:** Lets you change the name of the selected file.
- ◆ **Record Video:** Lets you record and save a video clip using your phone's camcorder.
- ◆ **Create Folder:** Lets you create a subfolder. After you create a folder, you can highlight it and access the following additional options from the **Options** soft key:
  - **Open:** Opens the selected folder or subfolder.
  - **Record Video:** Lets you take record a video using your phone's camcorder.
  - **Create Folder:** Lets you create a subfolder.
  - **Move Folder:** Lets you move the folder to a new location.
  - **Copy Folder:** Lets you copy the folder to another location.
  - **Delete Folder:** Deletes the selected folder or subfolder.
  - **Rename Folder:** Lets you rename the selected folder or subfolder.
  - **Sort by:** Lets you arrange all your files by Date, Type, Name, or Size.
  - **Bluetooth Visibility:** Allows the media file to be shared or released for the use with another Bluetooth device.
  - **Memory Card Settings:** Lets you view memory card details, format or rename the card, and enable/disable Bluetooth visibility.
  - **Properties:** Displays all the properties of the currently selected file.
- ◆ **Sort by:** Lets you arrange all your files by Date, Type, Name or Size.
- ◆ **Bluetooth Visibility:** Allows the media file to be shared or released for the use with another Bluetooth device.
- ◆ **Lock/Unlock:** Lets you lock the file and unlock it when necessary. Locking files prevents accidental deletion.
- ◆ **Properties:** Display all the properties of the currently selected file.

## Voice Notes

This folder contains the audio files that you create with the built in recorder. This is the default save location for recorded audio files. To access the Record Audio function, see “Record Audio” on page 84.

### Voice Notes Options

Press the **Options** soft key to select one of the following options. The availability of some of these options depends on the highlighted (selected) file:

- ◆ **Play:** Plays the currently selected audio file.
- ◆ **Send via:** Lets you send the selected file to a recipient in a Message.
- ◆ **Move:** Lets you move the selected file or Multiple files to another folder on the phone or a microSD memory card if one is inserted. Highlight the location you want to move the files and press .
- ◆ **Copy:** Lets you place a copy of the Selected file or Multiple files in another location, including folder on the microSD memory card if one is inserted.
- ◆ **Delete:** Lets you delete the Selected file, Multiple files or All files.
- ◆ **Rename:** Lets you change the name of the selected file.
- ◆ **Record Audio:** Lets you use the Record Audio function to record an audio clip using your phone’s microphone and save it to the Voice list folder.
- ◆ **Create Folder:** Lets you create a subfolder. After you create a folder, you can highlight it and access the following additional options from the **Option** soft key:
  - **Open:** Opens the selected folder or subfolder.
  - **Record Audio:** Lets you use the Record Audio function to record an audio clip using your phone’s microphone.
  - **Create Folder:** Lets you create a subfolder.
  - **Move Folder:** Lets you move the folder to a new location.

- **Copy Folder:** Lets you copy the folder to another location.
- **Delete Folder:** Deletes the selected folder or subfolder.
- **Rename Folder:** Lets you rename the selected folder or subfolder.
- **Sort by:** Lets you arrange all your files by Date, Type, Name, or Size.
- **Bluetooth Visibility:** Allows the media file to be shared or released for the use with another Bluetooth device.
- **Memory Card Settings:** Lets you view memory card details, format or rename the card, and enable/disable Bluetooth visibility.
- **Properties:** Displays all the properties of the currently selected file.
- ◆ **Sort by:** Lets you arrange all your files by Date, Type, Name or Size.
- ◆ **Lock/Unlock:** Lets you lock the file and unlock it when necessary. Locking files prevents accidental deletion.
- ◆ **Properties:** Display all the properties of the currently selected file.

## Media Applications

Provides access to the phone's built in camera, camcorder, media player and audio recorder.

### Camera

Using the Camera in your phone, you can take photos of people or events while on the move. Additionally, you can send photos to other people in a picture message or set one as wallpaper on your display screen.

---

**Caution:** Do not take photos of people without their permission. Do not take photos in a place where cameras are not allowed or where you might interfere with another person's privacy.

---

You can also record videos using your phone as a video camcorder. For more information, see "Camcorder" on page 78.

For information on configuring the default settings for the camera, see "Camera Settings" on page 172.

## Taking Photos

Your camera produces photo files in JPEG format. The selected location for saving photos (phone or card) and number of photos that can be saved in this location are indicated at the lower left side of the screen (to change the file location See “Camera Settings” on page 172).

To take a photo:

1. Open your phone.
2. From the Idle screen, press the **⊙** key to access the menu.
3. Using the navigation keys, scroll to **Media** and press the **Select** soft key or the **⊙** key.
4. Select **Media Applications** and press the **⊙** key or the **Options** soft key, highlight **Open** and press the **Select** soft key.
5. Select **Camera** and press the **Select** soft key or the **⊙** key. You are now in Capture mode. The LCD screen acts as the viewfinder.

---

**Note:** You can also access the camera directly from the Idle screen by pressing the Up navigation key.

---

6. Adjust the image by aiming the camera at the subject and framing the photo you want to take on the screen. The camera rotates around the axis of the hinge of the phone.
  - ◆ Press the **Menu** soft key to configure settings or apply effects. For more information, see “Camera Options in Capture Mode” on page 76.
  - ◆ You can change the brightness using the left and right navigation keys.
  - ◆ You can change the zoom using the up and down navigation keys.
7. Press the **⊙** key to take the photo.

---

**Note:** Your camera produces photos in JPEG format.

---

## Camera Options in Capture Mode

Camera options are represented by icons across the top of the screen. Press the **Menu** soft key to access the camera options. Use the Left and Right navigation keys to highlight individual options, then the Up and Down navigation keys to make a selection. Press the **OK** key to confirm a new selection.

The available options are:

- ◆ **Camera Mode:** Allows you to select either Camera or Camcorder.
- ◆ **Shooting Mode:** Allows you to switch camera modes.
  - **Single Shot:** allows you to take a single photo and either review the photo after taking it (Take and Save) or return immediately to the viewfinder to take another (Automatic Save).
  - **Multi Shot:** Allows you to take a series of up to 9 photos in quick succession by pressing and holding the **OK** key.
  - **Mosaic Shot:** Allows you to take 4 images in succession that are arranged in a 2x2 grid in the final photo.
  - **Frame Shot:** allows you to choose a custom frame border for your photo. Choose from one of the 20 available frames.
  - **Panorama:** allows you to take 3, 4, 5, or 6 photos that are combined in a single panoramic image.
- ◆ **Photo Size:** allows you to set the size (number of pixels) of the resulting photo. The options are: 1600x1200 (produces a 2MB file), 1280x960 (produces a 1.3M file), 640x480 and 320x240.
- ◆ **Timer:** allows you to set a time delay before the camera takes the photo. The options are Off, 3 Seconds, 5 Seconds, or 10 Seconds. The camera counts down the time on the screen and by playing a sound.
- ◆ **White Balance:** allows you to set the white balance for the camera. Choose Auto, Daylight, Incandescent, Fluorescent, or Cloudy.
- ◆ **Night Mode:** increases camera sensitivity for taking photos in low light levels.

- ◆ **Effects:** allows you to choose a custom color tone for your photo. Choose from the following options.

**No Effects:** cancels any effects applied to the image.

**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:** changes the image to a negative image display.

- ◆ **Shortcuts:** Provides a list of shortcuts that allow you to directly access camera options using the keypad. Press the key once to see the current setting and continue pressing to change the setting. Keypad shortcuts include.



toggles between Camera and Camcorder mode



changes Shooting mode



changes Timer setting



changes Viewfinder mode



changes Night Mode setting

- ◆ **Settings:** Allows you to customize your camera settings. See “Camera Settings” on page 172 for complete information.

### Camera Options After Taking a Photo

When you press the **Options** soft key after taking a photo, the following options are available:

- ◆ **Take Photo:** Returns to the active camera screen so you can take another photo.
- ◆ **Send:** Allows you to send the photo in a message, via Bluetooth or to an online album.
- ◆ **Set as:**

- **Main Display:** Sets the photo as your wallpaper for the idle screen on the main display.
  - **Front Display:** Sets the photo as your wallpaper for the idle screen on the main display
  - **Caller ID:** Sets the photo as a caller ID image for Contact list entries.
- ◆ **Rotate:** rotates the image 90° clockwise.

## Gallery

The Gallery soft key provided when in Camera mode provides another method of accessing the **Picture Album** folder but only shows the photos taken using the handset.

Options available by pressing the Options soft key are the same as provided when accessing the Picture Album directly except Take Photo is not included (see “Picture Options” on page 68 for details).

## Camcorder

Using the camcorder, you can record videos with your phone. The video clips you create can be sent to other properly equipped phones. You can also view the clips with the built-in media player.

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**Caution:** Do not take videos of people without their permission. Do not take videos in a place where cameras are not allowed or where you might interfere with another person's privacy.

---

For information on configuring the default settings for the camcorder, see “Camera Settings” on page 172.

## Recording Videos

To record a video:

1. From the Idle screen, press the  key to access the menu.

2. Using the navigation keys, scroll to **Media** and press the **Select** soft key or the  key.
  3. Select **Media Applications** and press the  key or the **Options** soft key, highlight **Open** and press the **Select** soft key.
  4. Select **Camera** and press the **Select** soft key or the  key.
- 

**Note:** You can also access the camera directly from the Idle screen by pressing the Up navigation key.

---

5. Press the **Menu** soft key, highlight **Camcorder** and press the **OK** key. The phone is now in video recording mode. The LCD screen acts as the viewfinder.
6. Adjust the image by aiming the camera at the subject and framing the video you want to take on the screen.
  - ◆ Press the **Menu** soft key to configure settings or apply effects. For more information, see “Camcorder Options in Record Mode” on page 80.
  - ◆ You can change the brightness using the left and right navigation keys.
  - ◆ You can change the zoom using the up and down navigation keys.
7. Press the  key to start recording the video. You can pause the recording at any time by pressing the  key, and restart by again pressing the  key.
8. When you are finished, Press the **Stop** soft key to stop recording.

The video clip is saved in the Video folder. You can preview it by pressing the  key, delete it by pressing the **Delete** soft key or access the **Options** soft key menu. For more information on menu options, see “Camcorder Options After Recording a Video” on page 81.

## Camcorder Options in Record Mode

Camcorder options are represented by icons across the top of the screen. Press the **Menu** soft key to access the camcorder options. Use the Left and Right navigation keys to highlight individual options, then the Up and Down navigation keys to make a selection. Press the **OK** key to confirm a new selection.

- ◆ **Camera Mode:** Allows you to select either Camera or Camcorder.
- ◆ **Shooting Mode:** Allows you to switch camcorder modes.
  - **Normal:** records a normal video clip
  - **Picture Message:** limits the video clip file size to allow transmission in a Picture Message.
- ◆ **Video Clip Size:** Indicates that the resolution of the video clip is 176x144.
- ◆ **Timer:** allows you to set a time delay before the camcorder begins recording. The options are Off, 3 Seconds, 5 Seconds, or 10 Seconds. The camera counts down the time on the screen and by playing a sound.
- ◆ **White Balance:** allows you to set the white balance for the camera. Choose Auto, Daylight, Incandescent, Fluorescent, or Cloudy.
- ◆ **Effects:** allows you to choose a custom color tone for your video. Choose from the following options.
  - No Effects:** cancels any effects applied to the image.
  - 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:** changes the image to a negative image display.
- ◆ **Record Audio:** Controls whether sound is recorded along with the video.

◆ **Shortcuts:** Provides a list of shortcuts that allow you to directly access camera options using the keypad. Press the key once to see the current setting and continue pressing to change the setting. Keypad shortcuts include.



toggles between Camera and Camcorder mode



changes Shooting mode



changes Timer setting



changes Viewfinder mode (turns icons on or off)

◆ **Camcorder Settings:** Allows you to customize your camcorder settings. See “Camera Settings” on page 172 for more information.

### Camcorder Options After Recording a Video

When you press the **Options** soft key after saving a video, the following options are available:

- ◆ **Record Video:** returns to the active camcorder screen so you can take another video.
- ◆ **Send:** Allows you to send the video in a message, via Bluetooth or to an online album.

### Gallery

The Gallery soft key provided when in Camcorder mode provides another method of accessing the **Video** folder but only shows the video clips taken using the handset.

Options available by pressing the Options soft key are the same as provided when accessing the Video folder directly except Record Video is not included (see “Video Options” on page 71 for details).

## Music Player

The music player lets you access and play music files saved on the phone or a microSD memory card. You can create and access playlists (lists of songs grouped for playback).

For information on transferring files to your phone or a microSD card, see “Transferring Files” on page 49.

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**Note:** The Music Player does not necessarily support all features of a particular file format nor all the variations of those formats. The Music Player includes support for Windows Media Digital Rights Management (WMDRM), which allows you to play some purchased or subscription content. Copyright protection may prevent some images, music (including ring tones) and other content from being copied, modified, transferred or forwarded.

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To access music files and playlists:

1. From the Idle screen, press the **⊙** key to access the menu.
2. Using the navigation keys, scroll to **Media** and press the **Select** soft key or the **⊙** key.
3. Select **Media Applications** and press the **⊙** key or the **Options** soft key, highlight **Open** and press the **Select** soft key.
4. Select **Music Player** and press the **Select** soft key or the **⊙** key to open a list of music selections.

The choices available are:

- **Now playing:** displays details of a song currently playing or paused.
- **All Music:** Displays a list of all songs currently available on the phone and the microSD memory card (if inserted).
- **Artists:** Displays a list of all artists performing the available songs. To view a list of the available songs by an artist, organized by album, highlight the name and press the **⊙** key. To play a song, highlight the title and press the **⊙** key.
- **Albums:** Displays a list of all albums currently available on the phone or an inserted microSD card. To view a list of the songs on an album,

highlight the name and press the  key. To play a song, highlight the title and press the  key.

- **Playlists:** Lets you create a New Playlist, view Recently Played or Most Played, and provides a list of playlists.
- **Genres:** Organizes all songs currently available on the phone and the microSD memory card (if inserted) by genre.

### Playing a Music File

While viewing music files, as described above, highlight the file you want to play and press the  key to launch the music player and play the file.

While an audio file is playing, the left and right navigation keys operate as Last Track/Next Track controls and the  key as Pause control, even when you return to the Media Applications screen or Idle screen by pressing the  key. To access the Menu screen from the Idle screen while the music player is operating, press the **Menu** soft key.

When you close the phone, you can still change the volume using the volume keys and mute the sound by pressing and holding the lower volume key.

Before or after a file is played, you can press the **Options** soft key for additional options (see below).

### Music Player Options

While the Music Player is playing a selection or paused part way through a selection, the following options are available by pressing the **Options** soft key:

- ◆ **Pause/Resume:** Allows you to stop and restart the currently playing music selection.
- ◆ **Transfer to Bluetooth Stereo Headset:** Selects whether to play the selected file through the phone's speaker or Bluetooth stereo headphones (see below).

- ◆ **Hide Player:** Displays or hides the on-screen playback controller image.
- ◆ **Shuffle:** Plays all files in random order.
- ◆ **Loop:** allows you to play the current selection or all music files in a continuous loop.
- ◆ **Add to Playlist:** Lets you add the selected file to a new or existing playlist.
- ◆ **Send via:** Lets you send the selected file to a recipient in a Message or via Bluetooth to another Bluetooth device.
- ◆ **Equalizer:** Allows you to set music player's tonal balance to optimize it for Normal, Rock, Pop, Dance, Classic or Jazz music.
- ◆ **Delete:** Deletes the selected music file.
- ◆ **Properties:** Displays the properties of the selected file (Title, Size, Format, Duration, Artist, Album, Genre, Date.).

### Play Music Through a Stereo Bluetooth Device

Your phone supports the Stereo Bluetooth profile (A2DP) that will play back music in stereo on a stereo Bluetooth headset. Your phone must be paired to a stereo Bluetooth device (see "Bluetooth" on page 160 for instructions).

To play music through a paired stereo Bluetooth headset, during playback press the Options soft key, highlight Transfer to Bluetooth Stereo Headset and press the **Select** soft key or the  key.

### Record Audio

Record Audio allows you to record audio clips such as voice memos and send audio clips to other people.

To create an audio recording:

1. From the Idle screen, press the  key to access the menu.
2. Using the navigation keys, scroll to **Media** and press the **Select** soft key or the  key.

3. Select **Media Applications** and press the  key or the **Options** soft key, highlight **Open** and press the **Select** soft key.
4. Select **Record Audio** and press the **Select** soft key or the  key.
5. To begin recording, press the  key. Record a memo by speaking into the microphone.
6. Press the **Stop** soft key to stop the recording and save the file or the  key to pause the recording. If the recording time expires, the message is automatically saved.
7. To play back the recording, press the  key.

### Using Record Audio Options

Before recording, you can access various options by pressing the **Options** soft key. To execute an option, highlight it and press the **Select** soft key or the  key. The following options are available:

- ◆ **Record:** Immediately begins recording an audio clip.
- ◆ **Go to Voice Notes:** Takes you to the Voice Notes folder where recorded audio clips are stored.
- ◆ **Record Audio Settings:** Allows you to select the Default Name for recorded files and the maximum Recording Time (1 Minute, 2 Minutes, 3 Minutes, 4 Minutes, 5 Minutes, 60 Minutes or Limit for MMS). See “Record Audio Settings” on page 173 for more information.

After recording you can access various options by pressing the **Options** soft key. To execute an option, highlight it and press the **Select** soft key or the  key. The following options are available:

- ◆ **Play:** Plays the recorded file.
- ◆ **Record:** Immediately begins recording an audio clip.
- ◆ **Go to Voice Notes:** Takes you to the Voice Notes folder, which contains audio files that you have created using the built-in recorder.

- ◆ **Record Audio Settings:** Lets you set default Record Audio settings. For more information, see “Record Audio Settings” on page 173.
- ◆ **Send via:** Lets you send the selected file to a recipient in a message or via Bluetooth to another Bluetooth device.
- ◆ **Delete:** Deletes the selected file.
- ◆ **Rename:** Lets you specify a unique name for the audio file. Otherwise, the default naming convention is used. Note that you can also change the default naming convention (see “Record Audio Settings” on page 173).
- ◆ **Lock/Unlock:** Locking prevents the file from being accidentally deleted. A locked file must be unlocked before it can be deleted.
- ◆ **Properties:** Display the properties of the currently selected media file.

## Other Files

This folder provides a location where you can store other types of files on your phone, such as Excel spreadsheets, text files, PowerPoint presentations, PDFs, HTML, Word documents and graphics. You can send these files to others by message, email, or Bluetooth. You can also move or copy the files to your memory card. For information on transferring files to and from your phone or a memory card, see “Transferring Files” on page 49.

To open the Other Files folder:

1. From the Idle screen, press the  key to access the menu mode.
2. Use the Navigation keys to highlight **Media** and press the **Select** soft key or the  key.
3. Highlight **Other Files** and press the  key to open the Other Files folder. If there is a memory card in your phone, you can access files stored in your phone or on the card using the Left and Right navigation keys to switch between **On Phone** and **On Card**.

While in the Other files folder, press the **Options** soft key to access the following options (availability depends on the type of file currently highlighted):

- ◆ **View:** Lets you view the contents of the selected file.
- ◆ **Save to Favorites/Contacts, Register to Address Book/Calendar/**  
**Note:** Saves/lists the file in an additional location.
- ◆ **Play:** Lets you play a compatible media file.
- ◆ **Send via:** Lets you send the selected file in a message or to a Bluetooth-enabled device.
- ◆ **Set as:** Lets you set an image file as your screen background or Caller ID image.
- ◆ **Move:** Lets you move the selected file or multiple files.
- ◆ **Copy:** Lets you copy the selected file or multiple files to another location.
- ◆ **Delete:** Lets you delete the selected file, multiple files or all files.
- ◆ **Rename:** Lets you change the name of the selected file.
- ◆ **Take Photo:** Opens the camera screen so you can take a photo.
- ◆ **Create Folder:** Lets you create a subfolder.
- ◆ **Sort by:** Lets you arrange all your files by Date, Type, Name, or Size.
- ◆ **Bluetooth Visibility:** Allows other Bluetooth-enabled devices within range to download the file.
- ◆ **Lock/Unlock:** lets you lock the file to prevent accidental deletion and unlock locked files to allow deletion.
- ◆ **Properties:** displays all the properties of the currently selected file.

## Memory Status

The Memory Status menu allows you to view the memory usage and available space in your phone and on an inserted microSD card. It displays the total memory used and available as well as the memory usage for each storage folder. Use the left or right navigation key to toggle between On Phone and On Card.

## Document Viewer

Your phone includes the NetFront Document Viewer that enables full viewing of Microsoft Office documents (Word, Excel®, and PowerPoint®), PDF files and text files with selectable zooming and rotation features.

To view a file, highlight it and press the **⏪** key or the **Options** soft key, highlight **View** and press the **Select** soft key or the **⏩** key.

While viewing a file, the following options are available:

- ◆ **Full Screen View:** Displays the document using the full phone screen. Shortcuts are indicated at the edges of the screen (see below).
- ◆ **Zoom:** Allows you to zoom In (magnify the page) or Out (view more of the page).
- ◆ **Fit to Screen:** Allows you to fit the entire page, the full width of the page, or the full height of the page on the phone screen.
- ◆ **Go to:** Changes the displayed page to Previous Page, Next Page, First Page, Last Page, or Page (allows entry of a page number).
- ◆ **Rotate:** Rotates the document 90°.
- ◆ **Screen Panning:** Lets you move the screen view around the document using the navigation keys.
- ◆ **Search:** Allows you to locate specific text in the document.
- ◆ **Send via:** Lets you send the selected file to a Bluetooth-enabled device.
- ◆ **Delete:** Allows you to delete the file.

- ◆ **Bluetooth Visibility:** Allows other Bluetooth-enabled devices within range to download the file (not available when viewing files stored on a memory card).
- ◆ **Lock/Unlock:** lets you lock the file to prevent accidental deletion and unlock locked files to allow deletion (not available when viewing files stored on a memory card).
- ◆ **Properties:** Displays the properties of the selected file, including size, format, creation date and time, and location.
- ◆ **FileViewer Shortcuts:** Provides a list of shortcuts that allow you to directly access viewer options.

Keypad shortcuts include.

-  When using the Search function, takes you to the previous occurrence of the word or phrase
-  Go to first page
-  When using the Search function, takes you to the next occurrence of the word or phrase
-  Go to previous page
-  Rotate
-  Go to next page
-  Go to last page
-  toggles between regular and full screen view

You can also use the volume keys to zoom in and out on the page.

-  Zoom in (magnify)
-  Zoom out (view more of the page)

# Games and Apps

Using the Games and Apps menu (**Menu 3**) you can play games already stored on your phone, as well as download games and other applications from your service provider.

## Games

### Get New Games

This selection allows you to download games from your service provider. To launch the service, highlight **Get New Games** and press the  key. When the browser opens, follow the online instructions shown on your display screen. Press the **Options** soft key to access browser options (see “Using the Internet Browser” on page 58). Downloaded games are added to the Games and Apps menu.

### Game Options

When a game is highlighted in the **Games and Apps** screen, you can access the following options by pressing the **Options** soft key. The availability of some options depends on the highlighted (selected) file:

1. **Start:** starts the game that was highlighted on the screen when you entered the Options menu.
2. **Delete:** lets you delete the game that was selected on the screen when you entered the Options menu, multiple games or all games.
3. **Rename:** Lets you change the name of the game.
4. **Lock/Unlock:** Allows you to lock the file so it can not be deleted or renamed. Files must be unlocked before they can be deleted or renamed.
5. **Connections:** allows you to choose RogersInternet connection.

6. **Properties:** displays the properties of the selected game, including Size, Version, Supplier, Creation Date and Time, Description and Location.

## Play a Game

1. From the Idle screen, press the  key to access the menu.
2. Highlight **Games and Apps** and press the **Select** soft key or the  key.
3. Scroll to the game you want to play and press the  key.
4. The game's welcome screen displays information about the game. Follow the on-screen instructions to play the game.

## Game Controls

While playing a game, to	Press the
adjust the sound volume	Volume keys Up  and Down 
exit the game	 key
highlight an option in a list	Navigation keys
select an option	 key

## Get New Applications

This selection allows you to download applications from your service provider. To launch the service, highlight **Get New Applications** and press the  key. When the browser opens, follow the online instructions shown on your display screen. Press the **Options** soft key to access browser options (see “Using the Internet Browser” on page 58). Downloaded games are added to the Games and Apps menu.

## Call History

In this menu (**Menu 4**), you can:

- ◆ View calls you missed, received or dialed
- ◆ Check your voice mail
- ◆ Add phone numbers from your call history to Speed Dial
- ◆ View the length of calls made and received

While in any of the call lists, press the **Options** soft key to access the following functions:

- ◆ **Details:** View call details (phone number, date and time of call).
- ◆ **Voice Call:** Calls the highlighted number.
- ◆ **Video Call:** Makes a video call to the highlighted number.
- ◆ **Save to Contacts:** Saves the number to your Contact List, either on your SIM card or phone.
- ◆ **Send Message:** Lets you send a text message to the caller.
- ◆ **Delete:** Lets you delete the selected call or all calls from the list.
- ◆ **Add to Reject List:** Adds the phone number the selected call was made from to the Reject List. To view and configure your reject list, see “Enable and Configure Auto Reject” on page 152.

## All Calls

This menu (Menu 4.1) lets you view a list of calls made and received, including missed calls. Icons at the left of each listing indicate whether the call was made (📞), received (📞) or missed (📞). Use the up and down navigation keys to scroll through the list and press the ⌂ key to view call details. The number is displayed along with the time and date when the call was made.

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**Note:** You can access the most recent numbers in All Calls by pressing the  key in Idle mode.

---

## Missed Calls

This menu (Menu 4.2) lets you view a list of calls you received but did not answer. Use the navigation key to scroll through the list and press the  key to view call details. The number is displayed along with the time and date when the call was made.

## Calls Made

This menu (Menu 4.3) lets you view a list of the numbers you dialed. Use the navigation key to scroll through the list. To view call details, press the  key or the **Options** soft key, highlight **Details** and press the **Select** soft key or the  key. The number is displayed along with the time and date when the call was made.

## Calls Received

This menu (Menu 4.4) lets you view a list of calls you answered. Use the navigation key to scroll through the list. To view call details, press the  key or the **Options** soft key, highlight **Details** and press the **Select** soft key or the  key. The number is displayed along with the time and date when the call was received.

## Speed Dial List

Using Speed dial (Menu 4.5), you can assign up to seven phone numbers from your Contact list that you use most frequently to the number keys (3 to 9), and then dial them easily whenever you want, simply by pressing and holding the associated number key.

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**Note:** Speed dial key 1 is reserved for your Voice Mail server number and key 2 for your Video Call server number.

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To add a speed dial entry:

1. From the Idle screen, press the **☰** key to access the menu mode.
2. Use the Navigation keys to highlight **Call History** and press the **Select** soft key or the **☰** key.
3. Highlight **Speed Dial List** and press the **Select** soft key or the **☰** key.
4. A virtual representation of your keypad appears onscreen. Existing speed dial entries appear within their associated key.

Using the navigation keys, select a number from the onscreen keypad to assign the speed dial number, and press the **Options** soft key, highlight **Add** and press the **Select** soft key or the **☰** key.

5. Select either **Contacts** or **FDN Contacts** to choose an entry (Fixed Dial Number mode, if enabled, restricts outgoing calls to phone numbers stored in the FDN List).
6. Select an entry from the list and press the **Select** soft key.

The virtual keypad reappears with the new speed dial entry appearing in its associated key.

When an existing Speed Dial entry is highlighted, the following options are available by pressing the **Options** soft key:

- ◆ **View:** Allows you to view the number assigned to the key. You can dial the number by pressing the key.
- ◆ **Change:** Allows you to assign a different number to the key.
- ◆ **Voice Call:** Dials the selected speed dial number to start a voice call.
- ◆ **Video Call:** Dials the selected speed dial number to start a video call.
- ◆ **Remove:** Allows you to clear the setting so that no number is assigned to the key.

## Using Speed Dial

While in Idle mode, you can speed-dial the numbers assigned to numeric keys 3 to 9 by pressing and holding the appropriate key until the phone begins dialing.

## Delete All

This menu (Menu 4.6) allows you to delete all of the records in one or more call record types.

1. From the Idle screen, press the **☰** key to access the menu mode.
2. Use the Navigation keys to highlight **Call History** and press the **Select** soft key or the **☰** key.
3. Highlight **Delete All** and press the **Select** soft key or the **☰** key.
4. Use the up and down navigation keys to highlight the type(s) of records you want to delete and press the **☑** key to enter a check mark in the selection box at the left side.
5. Press the **Delete** soft key and when a message displays asking you to confirm the deletion, press the **Yes** soft key to confirm.

## Voice Call Time

This menu (Menu 4.7) lets you view the timers for voice calls you made and received.

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**Note:** The actual time invoiced for calls by your service provider may vary, depending on network features, rounding-off for billing purposes, etc.

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The following timers are available:

- ◆ **Last Voice Call Time:** Length of the last voice call.
- ◆ **Total Sent:** Total length of all calls made from this phone.
- ◆ **Total Received:** Total length of all calls received on this phone.

To reset the Last Voice Call Time, press the **Reset** soft key, enter the phone password and then press the **Confirm** soft key.

## Video Call Time

This menu (Menu 4.8) lets you view the timers for video calls you made and received.

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**Note:** The actual time invoiced for calls by your service provider may vary, depending on network features, rounding-off for billing purposes, etc.

---

The following timers are available:

- ◆ **Last Video Call Time:** Length of the last video call.
- ◆ **Total Sent:** Total length of all calls made from this phone.
- ◆ **Total Received:** Total length of all calls received on this phone.

To reset the Last Video Call Time, press the **Reset** soft key, enter the phone password and then press the **Confirm** soft key.

## Vision

The Vision menu (**Menu 5**) allows you to access numerous online services, including Friends, Video/Radio, Mobile TV, Rogers Music Player, MobileMail, Internet, Video Call and More Services.

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**Note:** These services are provided and maintained by Rogers and require paid subscription. They are not specific to your phone. Contact your service provider or consult the insert provided with your phone for additional information.

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## Friends

Friends (Menu 5.1) opens a Web page that provides links to community applications such as MySpace.

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**Note:** This online service is provided and maintained by Rogers and requires paid subscription. It is not specific to your phone. Contact your service provider or consult the insert provided with your phone for additional information.

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## Video/Radio

This menu (Menu 5.2) accesses the Rogers On Demand service. Follow the online instructions shown on your display after you launch this service.

## Mobile TV

This menu (Menu 5.3) Accesses Rogers Mobile TV. Follow the online instructions shown on your display after you launch this service.

## Rogers Music Player

This menu (Menu 5.4) accesses the Java-powered Rogers Music Player, which lets you play music you have downloaded from your service provider or loaded from your PC to your phone or Micro SD memory card.

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**Note:** This online service is provided and maintained by Rogers. It is not specific to your phone. Contact your service provider or consult the insert provided with your phone for additional information.

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## MobileMail

MobileMail (Menu 5.5) lets you send email to any email address. Recipients can access your emails from email-equipped phones or from their computers. The messages you create can contain text only.

Your phone allows selection of three online email services: Rogers Yahoo! Mail, Yahoo! Mail or Windows Live Hotmail. Follow the online instructions shown on your display after you launch this service.

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**Note:** This online service is provided and maintained by Rogers and requires paid subscription. It is not specific to your phone. Contact your service provider or consult the insert provided with your phone for additional information.

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## Internet

Internet (Menu 5.6) opens the Web browser and accesses the Rogers Zone home page. For more information on using the Web browser, see “Using the Internet Browser” on page 58.

## Video Call

This menu selection (Menu 5.7) initiates a video call. For more information, see “Video Calling” on page 38.

## More Services

This selection (Menu 5.8) accesses an online listing of additional services provided by Rogers.

# Messages

From the Messages menu (**Menu 6**), you can send and receive a range of different message types from your mobile phone, including:

- ◆ **Instant Message:** Rogers IM (Instant Messenger) lets you send and receive instant messages using Windows Live and Yahoo! communities.
- ◆ **Text Message:** Short Message Service (SMS) allows you to send text messages to another text messaging-capable phone.
- ◆ **Picture Message:** Multimedia Messaging Service (MMS) allows you to send messages containing text and graphics, video and audio attachments to another MMS capable phone or an email address.
- ◆ **MobileMail:** Lets you send and receive email messages.
- ◆ **Broadcast Messages:** messages received from your service provider containing information related to a specific area (cell).

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

## Rogers IM

Instant Messaging or IM (Menu 6.1) is a way of sending short, simple messages that are delivered immediately to other users. To use this feature, you must be subscribed to a message service. For further details, contact your service provider.

### Signing In

Your phone must be signed in to an IM service in order to send and receive instant messages. To sign in to your instant messaging account:

1. From the Idle screen, press the  key to access Menu mode.
2. Use the Navigation keys to highlight **Messages** and press the **Select** soft key or the  key.

3. Highlight **Rogers IM** and press the **Select** soft key or the  key.
- 

**Note:** If this is your first time using Instant Messaging, highlight the IM service that you are subscribed to and press the **Save** soft key.

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4. Highlight **Sign In** and press the **Select** soft key or the  key.
  5. Enter the required sign on information. The information required for signing on will vary depending on the IM community you are accessing.
    - ◆ If you want to save your password in the phone and enable Automatic Sign-In each time the phone is switched on, highlight each item and press the  key to place a check mark in the associated selection box.
- 

**Note:** Saving your password can pose a security risk if your phone is lost or stolen.

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6. Press the **Options** soft key, highlight **Sign In** and press the **Select** soft key or the  key to sign in to your account.

## Sending an Instant Message

After you sign in, follow the on-screen instructions to read, reply to, compose, and send messages, and to manage your IM account. Use the Options menu to perform tasks as you would when using IM on your computer, including adding and blocking contacts or configuring your display name.

## Signing Out

To sign out of your instant messaging account, highlight **Sign Out** on the Rogers IM screen and press the **Select** soft key or the  key.

## Settings

The following IM settings are available:

- ◆ **Choose Your Community:** Select Windows Live or Yahoo!

- ◆ **Community Settings:** Allows you to set Automatic Sign-in, Power On Sign In and Sound Settings (Received Message, Contact Alert, System Message, Repetition, Message Tone).
- ◆ **Profile Settings:** The GoRogers network profile is selected.

## MobileMail

MobileMail (Menu 6.2) lets you check your email and send email to any email address. Recipients can access your emails from email-equipped phones or from their computers. The messages you create can contain text, photos, videos and voice attachments.

Your phone allows selection of three online email services: Rogers Yahoo! Mail, Yahoo! Mail or Windows Live Hotmail.

Follow the online instructions shown on your display screen after you launch this service.

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**Note:** This online service is provided and maintained by Rogers and requires paid subscription. It is not specific to your phone. Contact your service provider or consult the insert provided with your phone for additional information.

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## Create New Message

Use the Create new message menu (Menu 6.3) to compose new text (SMS) and picture (MMS) messages and send them to other messaging-capable phones.

### Create and Send a Text Message

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**Note:** When creating a text (SMS) message, adding elements such as a subject line or image, sound or video files automatically changes the message type to Picture (MMS). The icon in the top-left corner of the message creation screen indicates message type. Some cell phones do not accept picture messages.

---

To create and send a text message:

1. From the Idle screen, press the **⊙** key to access Menu mode.
2. Use the Navigation keys to highlight **Messages** and press the **Select** soft key or the **⊙** key.
3. Highlight **Create New Message** and press the **Select** soft key or the **⊙** key.
4. Highlight the address box and enter the recipient's mobile phone number.
  - ◆ You can enter additional recipients by pressing the Right navigation key to move the cursor to the right of the semicolon (;).
  - ◆ You can also press the **Options** soft key and select **Add Recipient** to add recipients from your Recent Log, Contacts or Group lists.
    - **Recent Log:** allows you to choose from a list of recently dialed phone numbers. Highlight a required entry and press the **⊙** key to place a check mark next to the entry. Use the same procedure to select any additional recipients, then press the **Add** soft key add the recipients to the address box.
    - **Contacts:** allows you to insert recipients from your Contact List. 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. Press the **⊙** key to place a check mark next to the entry. Use the same procedure to select any additional recipients, then press the **Done** soft key to add the recipients to the address box.
    - **Groups:** allows you to insert Group members from your Contact List. Highlight a Group and press the **⊙** key or the **Select** soft key to open the Group. Use the Up and Down Navigation keys to highlight a name and press the **⊙** key to place a check mark next to the entry. Use the same procedure to select any additional

recipients, then press the **Done** soft key to add the recipients to the address box.

5. Highlight the message window and type your message. The number in the bottom-right corner of the screen displays the number of characters still available. For further information on entering characters, see “Entering Text” on page 44.

While you are composing your text message, press the **Options** soft key to select any of the following:

- ◆ **Send:** Sends the message.
- ◆ **Text:** When Text selection is on, you can use the navigation keys to highlight text, then, by pressing the  key, you can access Cut, Copy, Paste, and Remove features. When Text selection is off, you can move the cursor back without highlighting text.
- ◆ **Add Item:** Lets you add image, sound, or video files to the message (Note: this changes the message to a picture message). For information on using the Media menu, see “Media” on page 64.
- ◆ **Create Item:** Lets you take a picture or record a sound or video file to be sent in the message (Note: this changes the message to a picture message). For information on the camera, audio recorder or camcorder, see “Media Applications” on page 74.
- ◆ **Insert:** Allows you to insert text from a Text Template, a text emoticon, contact information from the Contact List, or a bookmarked URL from Favorites.
- ◆ **Add Recipient:** Lets you add recipients from your Contacts or Group lists, or from you Recent Log.
- ◆ **View Recipient List:** Provides a list of all recipients of the message.
- ◆ **Change to Multimedia Message:** Converts the current message to a picture message.

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**Note:** Send picture messages only to those recipients whose phones you know support the receipt and display of this message type.

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- ◆ **Add/Delete Page:** Adds or Deletes a page to/from the message. Pages are delineated by a dotted line in the message text box. The current page is indicated in the bottom-left corner of the screen.
  - ◆ **Input Language:** Allows you to temporarily change the input language used to create your message between English and Français (French).
  - ◆ **Input Method:** Allows you to change the input method for adding text, numbers and symbols to your message. For more information, see “Changing the Text Input Mode” on page 44.
  - ◆ **Add Subject:** Takes you to the Subject text box where you can add a subject to the message (Note: this changes the message to a picture message).
  - ◆ **Add Attachment:** Lets you attach various kinds of information, including a file; a business card; and appointment, anniversary, private, holiday, important, tasks, notes and favorites information from your calendar. (Note: this changes the message to a picture message).
  - ◆ **View Attachment:** Lets you view attachments added to the message.
  - ◆ **Sending Options:** Lets you configure default message settings. For information, see “Messages Settings” on page 113.
  - ◆ **Save to Drafts:** Saves the message to the Drafts folder.
  - ◆ **Save as Template:** Saves the message to the Template folder to be used in the future when creating similar messages.
6. When you finish entering your message, press the **Options** soft key or the  key, highlight **Send**, and press the **Select** soft key or the  key. Your phone sends the text message to all numbers listed.

## Create and Send a Picture Message

Use the following procedures to compose and send new messages with graphics, video or audio attachments.

1. From the Idle screen, press the **☰** key to access Menu mode.
2. Use the Navigation keys to highlight **Messages** and press the **Select** soft key or the **☰** key.
3. Highlight **Create New Message** and press the **Select** soft key or the **☰** key.
4. Highlight the address box and enter the recipient's mobile phone number.

- ◆ You can enter additional recipients by pressing the Right navigation key to move the cursor to the right of the semicolon (;).

- ◆ You can also press the **Options** soft key and select **Add Recipient** to add recipients from your Recent log or your Contacts or Group lists.

- **Recent Log:** Allows you to choose from a list of recently dialed phone numbers. Highlight a required entry and press the **☰** key to place a check mark next to the entry. Use the same procedure to select any additional recipients, then press the **Options** soft key, highlight **Add** and press the **☰** key or the **Select** soft key to add the recipients to the address box.

- **Contacts:** Allows you to insert recipients from your Contact List. 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. Press the **☰** key to place a check mark next to the entry. Use the same procedure to select any additional recipients, then press the **Done** soft key to add the recipients to the address box.

- **Groups:** Allows you to insert Group members from your Contact List. Highlight a Group and press the  key or the **Select** soft key to open the Group. Use the Up and Down Navigation keys to highlight a name and press the  key to place a check mark next to the entry. Use the same procedure to select any additional recipients, then press the **Done** soft key to add the recipients to the address box.
5. Highlight the message window, press the **Options** soft key, highlight **Change to Picture Message**, press the  key or the **Select** soft key, and press the **Yes** soft key to confirm the change.
  6. To add a subject to the message, press the **Options** soft key, highlight **Add Subject** and press the **Select** soft key or the  key. Enter the required text then press the **Down** navigation key to return to the message screen.
  7. Type your message. The number in the bottom-right corner of the screen displays the number of characters still available. For further information on entering characters, see “Entering Text” on page 44.  
While you are composing your message, press the **Options** soft key to select any of the following:
    - ◆ **Send:** Sends the message.
    - ◆ **Preview:** Allows you to preview the message before sending.
    - ◆ **Text:** When you turn Text selection on, you can use the navigation keys to highlight text and then, by pressing the  key, access Cut, Copy, Paste, and Remove features. When Text selection is off, you can move the cursor without highlighting text.
    - ◆ **Add Item:** Opens the Media menu to allow the addition of image, sound, or video files to the message. For information on using the Media menu, see “Media” on page 64.
    - ◆ **Create Item:** Lets you take a picture or record a sound or video file to be sent in the message. For information on the camera, audio recorder or camcorder, see “Media Applications” on page 74.

- ◆ **Insert:** Allows you to insert text from a Text Template, a text emoticon, contact information from the Contact List, or a bookmarked URL from Favorites.
- ◆ **Add Recipient:** Lets you add recipients from your Contacts or Group lists, or from you Recent Log.
- ◆ **View Recipient List:** Displays the list of recipients for this message.
- ◆ **Change to Text Message:** Converts the current message to a text message.
- ◆ **Add/Delete Page:** Adds or Deletes a page to/from the message. Pages are delineated by a dotted line in the message text box. The current page is indicated in the bottom-left corner of the screen.
- ◆ **Input Language:** Allows you to temporarily change the input language used to create your message between English and Français (French).
- ◆ **Input Method:** Allows you to change the input method for adding text, numbers and symbols to your message. For more information, see “Changing the Text Input Mode” on page 44
- ◆ **Edit Style:** Allows you to change text and page styles, including background color, font color, font style, etc.
- ◆ **Add Subject:** Takes you to the Subject text box where you can add a subject to the message.
- ◆ **Add Attachment:** Lets you attach files, business cards, as well as appointment, anniversary, private, and holiday information from your calendar to your message.
- ◆ **View Attachment:** Lets you view attachments added to the message.
- ◆ **Sending Options:** Lets you configure default message settings. For information, see “Messages Settings” on page 113.
- ◆ **Save to Drafts:** Saves the message to the Drafts folder.

- ◆ **Save as Template:** Saves the message to the Template folder to allow use in the future when creating similar messages.
8. When you finish entering your message, press the **Options** soft key or the  key, highlight **Send**, and press the **Select** soft key or the  key. Your phone sends the picture message to all numbers listed.

## Message Folders

All incoming and outgoing text and picture messages are saved in a series of folders on your phone.

- ◆ **Inbox** (Menu 6.4): Stores received text and picture messages.
- ◆ **Sent** (Menu 6.5): Stores messages you have sent successfully.
- ◆ **Outbox** (Menu 6.6): Temporarily stores messages and emails your phone is attempting to send. It also stores messages that you have created and configured to be sent some time in the future. Outbox messages are moved to the Sent folder after they are successfully sent.
- ◆ **Drafts** (Menu 6.7): Stores unsent messages and emails you have manually saved as drafts. You can access these drafts and send them at a later time.
- ◆ **My Folder** (Menu 6.8): Provides a customizable storage area for messages. You can create subfolders here and manually move messages into them from other folders. This is useful, for example, if you want to store personal messages and business messages separately.
- ◆ **Templates:** Accesses message files saved as templates. For information, see “Templates” on page 110.

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**Note:** If the phone’s memory is full, an error message displays and you cannot receive any new messages. Use the **Delete** option to delete obsolete messages in each message box.

---

## View Messages

To view a message stored in one of the message folders:

1. From the Idle screen, press the **⊙** key to access Menu mode.
2. Use the navigation keys to highlight **Messages** and press the **Select** soft key or the **⊙** key.
3. Highlight **Inbox**, **Sent**, **Outbox**, or **Drafts** and press the **Select** soft key or the **⊙** key. The corresponding message list opens.
4. To open a message in the list, press the Up or Down navigation key to scroll through the message screen until the message is highlighted, then press the **⊙** key.

## Message Folder Options

While viewing a message list or a message, you can press the **Options** soft key to access a series of options (not all options are available in each menu):

- ◆ **View:** Allows you to view the selected message.
- ◆ **Play:** Plays a sound or video file received with a message.
- ◆ **Edit:** Lets you edit a draft message.
- ◆ **Reply:** Allows you to reply to the selected message.
- ◆ **Send:** Allows you to send an unsent message.
- ◆ **Send Again:** Resends the selected message.
- ◆ **Reply to All:** Allows you to reply to the sender and other recipients of a message.
- ◆ **Forward:** Allows you to forward the message to someone.
- ◆ **Voice Call:** Makes a voice call to originating message number.
- ◆ **Video Call:** Makes a video call to the originating number.
- ◆ **Preview:** Previews multimedia files attached to the message.
- ◆ **Delete:** Allows you to delete the selected message, multiple messages or all messages.

- ◆ **Move to Phone/Move to SIM:** If a message is stored in the SIM card, this option transfers it to the phone's memory. If a message is stored in the phone's memory, it is transferred to the SIM card.
- ◆ **Move to My Folder:** Lets you move messages to the My Folder storage area.
- ◆ **Sort by:** Allows you to sort messages by Sender, Read/Unread, Type, Subject, or Size. You can also lock or unlock a message.
- ◆ **Save to Contacts:** Lets you add the sender of the selected message to your phone or SIM card contact list.
- ◆ **Save as Template:** Saves the message to the Template folder to be used in the future when creating similar messages.
- ◆ **Print via Bluetooth:** Allows you to print received messages to a Bluetooth-enabled printer.
- ◆ **Lock/Unlock:** Locking a message prevents it from being deleted.
- ◆ **Mark as Read:** Lets you tag unread messages in your Inbox as having been read.

#### Additional Options for My Folder

- ◆ **Open:** Opens the selected folder.
- ◆ **Create Folder:** Lets you create a new subfolder in My Folder.
- ◆ **Rename Folder:** Lets you change the name of the selected folder.
- ◆ **Delete Folder:** Deletes the selected folder.

## Templates

Templates let you save and reuse commonly used content for text and picture messages.

To access templates:

1. From the Idle screen, press the  key to access Menu mode.

2. Use the Navigation keys to highlight **Messages** and press the **Select** soft key or the  key.
3. Highlight **Templates** and press the **Select** soft key or the  key.
4. Highlight **Text Templates** or **Picture Message Templates** and press the **Select** soft key or the  key.
5. Highlight a template and press the  key to enter the text directly into a new text message or the **Options** soft key to access the following options:
  - ◆ **View:** Lets you preview the content of the template (picture message only).
  - ◆ **Send:** Allows you to compose a message with the template content inserted into the body of the message. For further details on sending messages, see "Messages" on page 99.
  - ◆ **Add New:** Lets you create a new template.
  - ◆ **Edit:** Allows you to edit the template text.
  - ◆ **Delete:** Allows you to delete the selected template or all templates. Press the **Yes** soft key to confirm the deletion.

## Voice and Video Mail

These menus allow you to access your voice and video mailbox, if your account supports this service.

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**Note:** Voice mail is a network feature. Please contact your service provider for further details.

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## Configure Voice and Video Mail

Before using your phone's Voice Mail or Video Mail features, you must have a valid server number configured in your phone. If your service provider has not configured the number for you already or you need to

change the number, use the following procedure to enter the server number obtained from your service provider.

1. From the Idle screen, press the  key to access Menu mode.
2. Use the Navigation keys to highlight **Messages** and press the **Select** soft key or the  key.
3. Highlight **Voice Mail** or **Video Mail** and press the **Select** soft key or the  key.
  - Highlight **Voice Mail Number** or **Video Mail Number** and press the **Select** soft key or the  key.
4. Press the  key or the **Edit** soft key to access the number entry screen.
5. Enter the number.
6. Press the **Save** soft key or the  key to save the number in your phone.

## Listen to Voice Mail

To listen to your voice mail messages:

1. From the Idle screen, press the  key to access Menu mode.
2. Use the Navigation keys to highlight **Messages** and press the **Select** soft key or the  key.
3. Highlight **Voice Mail** and press the **Select** soft key or the  key.
4. Highlight **Connect to Voice Mail** and press the **Select** soft key or the  key. Your phone connects to the mail server.
5. Follow the recorded instructions to listen to your messages.

## Listen to Video Mail

To listen to your video mail messages:

1. From the Idle screen, press the  key to access Menu mode.

2. Use the Navigation keys to highlight **Messages** and press the **Select** soft key or the  key.
3. Highlight **Video Mail** and press the **Select** soft key or the  key.
4. Highlight **Connect to Video Mail** and press the **Select** soft key or the  key. Your phone connects to the mail server.
5. Follow the recorded instructions to listen to your messages.

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**Note:** This is an online service provided and maintained by Rogers. It is not specific to your phone. Contact your service provider for additional information.

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## Delete All

Use this menu to delete groups of messages:

1. From the Idle screen, press the  key to access Menu mode.
2. Use the Navigation keys to highlight **Messages** and press the **Select** soft key or the  key.
3. Highlight **Delete All** and press the **Select** soft key or the  key. The message folders list opens.
4. Use the Up and Down keys to navigate through the list and press the  key to check/uncheck categories of text messages.
5. Press the **Delete** soft key. Press the  key to check/uncheck the deletion of locked messages and confirm the deletion by pressing the **Yes** soft key.

## Messages Settings

This menu lets you configure various options for using text and picture messaging services. To access the **Messages Settings** menu:

1. From the Idle screen, press the  key to access Menu mode.

2. Use the Navigation keys to highlight **Messages** and press the **Select** soft key or the  key.
3. Use the Navigation keys to highlight **Messages Settings** and press the **Select** soft key or the  key.

For details on the various messages settings, see “Messages Settings” on page 168

## Memory Status

The Memory Status menu allows you to view the usage and available memory in your phone and on an inserted microSD card. It displays the total memory used and available as well as the memory usage for each storage folder. Use the left or right navigation key to toggle between **Multimedia Message**, Text Message, Push Message, Broadcast Message, and Configuration Message.

# Tools

Tools (**Menu 7**) enables you to:

- ◆ Set alarms so the phone plays a ring tune at a specific time, such as to remind you of an appointment
- ◆ View the calendar and organize your schedule
- ◆ Use the phone as a calculator for basic mathematical equations or currency exchange calculations
- ◆ Use a timer or stopwatch
- ◆ View times in different parts of the world

## Calendar

Using the Calendar feature (Menu 7.1), you can view any month, week or day. The current day is highlighted in the month and week views. You can also create Appointment, Anniversary, Holiday, Important and Private events on any day.

To view the Calendar:

1. From the Idle screen, press the  key to access the menu mode.
2. Use the Navigation keys to highlight **Tools** and press the **Select** soft key or the  key.
3. Highlight **Calendar** and press the **Select** soft key or the  key. The calendar opens in Month, week or day view, depending on the Default View setting (see “Calendar Options” on page 116).

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 yellow arrow at the upper right corner, Holidays by changing the number to yellow, Important events by a red arrow at the

upper left corner and Private events by a green arrow at the lower left 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 initial indicating the day and colored rectangles indicate the time slots where events are scheduled.

To view the events on a specific day, use the navigation keys to highlight the day and press the **⌂** key to open the day view.

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

---

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

## To Change the View

While in any of the Calendar views, press the **Options** soft key, highlight **View Mode** and press the Right navigation key or the **Select** soft key. Highlight the view you want and press the **Select** soft key or the **⌂** key

## Calendar Options

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

- ◆ **View:** Opens the Day view for the selected day.
- ◆ **View Mode:** 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 highlighted 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 (Appointments, Anniversaries, Holidays, Important events or Private events).
- ◆ **Delete:** Lets you delete events for the selected day, all events in a specific time period, all events in the selected month, all previous events or all events.
- ◆ **Save to Media:** Saves the information in a .vcs format file in the Other Files folder (see “Other Files” on page 86).
- ◆ **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 Default View (whether the current month, week or day is displayed when the calendar is opened).
- ◆ **Missed Alarm Event:** 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 the **Options** soft key, highlight **Create** using the navigation keys, and press the Right navigation key or the  key.
3. Highlight the type of entry you want to make and press the **Select** soft key or the  key.

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.

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- ◆ **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:** Press the  key to open the Media menu, highlight **Ring Tunes** and press the **Select** soft key or the  key. To play any of the available tones, highlight the name and press the  key, then press **Back** to return to the menu. Highlight the tone you wish to use and press the **Options** soft key, highlight **Select** and press the **Select** soft key or the  key.
- ◆ **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 events repeats every 3 weeks.
  - ◆ **Except Weekends:** Lets you exclude weekends.
  - ◆ **Until:** Lets you specify when to stop the event.
4. When you have finished, press the  key or press the **Options** soft key, highlight **Save** and press the **Select** soft key or the  key. The calendar 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 the **Options** soft key 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 Method:** Allows you to select the text input method (see “Changing the Text Input Mode” on page 44).
- ◆ **Input Language:** Toggles 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 the  key. The entries for the day are displayed, each with an icon that indicates the type of event.



Indicates an **Appointment**.



Indicates an **Anniversary**.



Indicates an **Important** event.



Indicates a **Holiday**.



Indicates a **Private** event.



Indicates that an **Alarm** was set for an event.

The following options are available by pressing the **Options** soft key.

- ◆ **View:** Allows you to view the details of the highlighted entry. You can press the **Options** soft key for additional options (see “Options while viewing the details of an event” below).
- ◆ **View Mode:** Lets you change the view to one of the other options.
- ◆ **Create:** Allows you to create a new entry for the highlighted date.
- ◆ **Go to:** Lets you view details for today’s date or enter a date to view.
- ◆ **Event List:** Lets you view specific types of scheduled events.
- ◆ **Delete:** Allows you to delete entries.
- ◆ **Settings:** Lets you set the defaults for calendar options. For more information, see “Calendar Settings” on page 173.
- ◆ **Missed Alarm Event:** Displays a list of events that have passed without your acknowledgement of the alarm. For more information, see “Missed Alarm Events” on page 121.
- ◆ **Memory Status:** Displays the current memory usage for saved events.

## Saved Event Options

When viewing the details of a saved event, press the **Options** soft key to access the following options. Some of the following options are associated with particular fields or event types and are not always present.

- ◆ **Edit:** Lets you edit the details of the selected entry.
- ◆ **Send via:** Allows you to send the highlighted entry as a message or to a compatible Bluetooth device.
- ◆ **Delete:** Deletes the selected entry.

- ◆ **Save to Media:** Saves the details of the event to the Other Files folder. For information on accessing files, see “Other Files” on page 86.
- ◆ **Print via Bluetooth:** Lets you print the details of the event using a Bluetooth-enabled printer.
- ◆ **Settings:** Lets you set the defaults for calendar options. For more information, see “Calendar Options” on page 116.
- ◆ **Missed Alarm Event:** Displays a list of events that have passed without your acknowledgement of the alarm. For more information, see “Missed Alarm Events” below.
- ◆ **Memory Status:** Displays the current memory usage for saved events.

To see the details of a particular event in a list of events, highlight the event and press the  key.

## Missed Alarm Events

While viewing the calendar or a calendar entry, the Missed Alarm Event option is accessible from the **Options** soft key menu. It shows all the 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. You can use the following options by pressing the **Options** soft key:

- ◆ **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.

## Alarms

This menu (Menu 7.2) allows you to:

- ◆ Set up to eleven alarms to ring at a specific time
- ◆ Set the phone to switch on automatically and play the alarm when switched off

## Set an Alarm

1. From the Idle screen, press the **⊙** key to access the menu mode.
2. Use the Navigation keys to highlight **Tools** and press the **Select** soft key or the **⊙** key.
3. Highlight **Alarms** and press the **Select** soft key or the **⊙** key.
4. Select an alarm and press the **⊙** key.

For all alarms except Wake-up Alarm, you can change the alarm name by selecting **Name** and editing the content of the text box.

5. If the Alarm Activation is **Off**, highlight **Alarm Activation** and press the Right navigation key to set it to **On**.
6. Press the Down navigation key to select **Alarm Time**. Set a time for the alarm to sound using the numeric keypad. To change the AM/PM setting, press the Right navigation key to select **AM/PM** and continue pressing the Right navigation key to toggle the setting.

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**Note:** Your phone is preset to a 12-hour format. To change the time format, see "Set Time & Date" on page 147.

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7. Press the Down navigation key to select **Alarm Type**. Press the **⊙** key to open the menu. Highlight Melody, Increasing Melody, Vibration, Vibration then Melody, Vibration & Melody, or Vibration & Increasing Melody and press the **Select** soft key or **⊙** key to select the setting.
8. Press the Down navigation key to select **Alarm Tone**. Press the **⊙** key to open the Media menu, highlight **Ring Tunes** and press the **Select** soft key or the **⊙** key. To play any of the available tones, highlight the name and press the **⊙** key, then press **Back** to return to the menu. Highlight the tone you wish to use and press the **Options** soft key, highlight **Select** and press the **Select** soft key or the **⊙** key.

9. Press the down navigation key to select **Alarm Volume**. Press the Left and Right navigation keys to adjust the volume level. Press the  key to hear a preview.
10. Press the Down Navigation key to select the **Recurrence** panel. Press the  key to open the selection menu. The menu choices are:
  - ◆ **Every day**: The alarm sounds each day at the Alarm Time.
  - ◆ **Once only**: The alarm sounds the first time the Alarm Time occurs.
  - ◆ **Individual Days**: The alarm sounds at the Alarm Time only on the selected day(s).For each selection you want to make, highlight it and press the  key to place a check mark in the selection box. When you are finished, press the **OK** soft key to return to the Alarm menu.
11. To change the Snooze setting, press the Down navigation key to select **Snooze**. Use the Left and Right navigation keys to toggle the setting (Off, 1 Min, 3 Min, 5 Min, 7 Min, 10Min). Press the Down navigation key to select **Repeat** and use the Left and Right navigation keys to toggle the setting for the number of times to repeat the alarm (1, 2, 3, 5, 10).
12. Press the  key or the **Options** soft key, highlight **Save** and press the **Select** soft key to save the settings.

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**Note:** The Alarm icon appears in the Icon area on the Idle screen to show that an alarm has been set.

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**Note:** To stop the alarm when it rings, open the phone and press any key. To use the snooze function to delay the alarm, press the **Snooze** soft key.

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## Adding and Deleting Alarms

The default alarm display shows **Wake-up Alarm** (intended for use as an “alarm clock”), task alarms **Alarm 1** to **Alarm 4**, and **Auto Power-up** (lets you choose whether the alarm rings when the phone is turned off).

- ◆ You can add up to six additional alarms by pressing the **Options** soft key, highlighting **Create** and pressing the **Select** soft key or the  key.
- ◆ To rename any of the alarms, highlight the alarm, press the **Options** soft key, highlight **Select**, press the **Select** soft key or the  key, enter the new name in the **Name** box and press the  key to save the change.
- ◆ To delete any of the alarms you have added, highlight the alarm, press the **Options** soft key, highlight **Delete**, press the **Select** soft key or the  key, and press the **Yes** soft key to confirm the deletion.

## Calculator

With this feature (Menu 7.3), you can use the phone as a calculator with basic arithmetic functions (addition, subtraction, multiplication, division). To use the calculator:

1. From the Idle screen, press the  key to access the menu mode.
2. Use the Navigation keys to highlight **Tools** and press the **Select** soft key or the  key.
3. Highlight **Calculator** and press the **Select** soft key or the  key.
4. Enter the equation you want to solve.
  - ◆ Enter numbers using the numeric keys.
  - ◆ As shown in the diagram on the lower part of the screen, enter basic operators (+, -, × or ÷) using the navigation keys, decimal point and brackets using the .() soft key (press once for a decimal point, continue pressing for left and right bracket).
  - ◆ To make corrections, use the  and  keys to move left and right in the equation you have entered and press the  key to delete the character immediately to the left of the cursor.
5. To view the result, press the  key.

## World Time

World Time (Menu 7.4) allows you to view the time of day in two other parts of the world and graphically depicts the position of these time zones relative to the one you are in. Your current time zone is shown on the map by a red and white vertical line (see “Set Time & Date” on page 147 for information on setting your time zone).

To use World Time:

1. From the Idle screen, press the **⊙** key to access the menu mode.
2. Use the Navigation keys to highlight **Tools** and press the **Select** soft key or the **⊙** key.
3. Highlight **World Time** and press the **Select** soft key or the **⊙** key.
4. Use the Left and Right navigation keys to scroll to a time zone. The selection box lists one or more well-known cities within the zone and the current time within that zone. The location of the zone is indicated on the map by a blue and white vertical line.

To toggle the application of Daylight Savings Time to the selected time zone, press the **Set DST** soft key or the **⊙** key. DST on is indicated by an icon at the right side of the scrolling date and time bar.

## Stopwatch

The Stopwatch (Menu 7.5) allows you to time an event and measure up to 50 separate sub-intervals, such as lap times. To use the stopwatch:

1. From the Idle screen, press the **⊙** key to access the menu mode.
2. Use the Navigation keys to highlight **Tools** and press the **Select** soft key or the **⊙** key.
3. Highlight **Stopwatch** and press the **Select** soft key or the **⊙** key.
4. Press the **⊙** key to start the stopwatch. You can measure lap times by pressing the **⊙** key.

5. Press the **Stop** soft key to stop the count.
6. Press the **Reset** soft key to erase the recorded times.

## Tasks

The Task function (Menu 7.6) lets you create a list of tasks to be completed or “to-do list”. When a task has been completed, you can check it off as done.

### Entering New Tasks

1. From the Idle screen, press the  key to access the menu mode.
2. Use the Navigation keys to highlight **Tools** and press the **Select** soft key or the  key.
3. Highlight **Tasks** and press the **Select** soft key or the  key. A list of the existing tasks is displayed.
4. Press the **Options** soft key and highlight **Create**. Press the **Select** soft key or the  key.
5. In the **Title** text box, give the task a name.
6. Press the down navigation key and highlight **Details**. In this text box, describe the task. The entry can be up to 100 characters long.
7. Press the down navigation key and highlight **Start Date**. Using the numeric keypad, enter the start date.
8. Press the down navigation key and highlight **Due Date**. Using the numeric keypad, enter the due date.
9. To enable a warning alarm for a task, press the down navigation key and highlight **Alarm**. Press the  key to enable the alarm. Similarly, 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**, press the  key to open the Media menu, highlight **Ring Tunes** and press the **Select** soft key or the  key. To

play any of the available tones, highlight the name and press the  key, then press **Back** to return to the menu. Highlight the tone you wish to use and press the **Options** soft key, highlight **Select** and press the **Select** soft key or the  key.

10. Press the down navigation key and highlight **Priority**. Use the left and right navigation keys to set a priority level (1, 2 or 3).
11. Press the  key or press the **Options** soft key, highlight **Save** and press the **Select** soft key or the  key to save the task.

## To View Tasks

1. From the Idle screen, press the  key to access the menu mode.
2. Use the Navigation keys to highlight **Tools** and press the **Select** soft key or the  key.
3. Highlight **Tasks** and press the **Select** soft key or the  key. Icons at the right side of the screen indicate the priority level and when an alarm is set.
4. To view the details of a specific task, press the  key or the **Options** soft key and select **View**.

## To Mark a Task as Completed

1. Highlight the task in the task list.
2. Press the **Options** soft key and highlight **Done**. Press the **Select** soft key or the  key.

A check mark is placed in the box at the left side of the task.

## Task Options

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

- ◆ **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 if a task is done or not.
- ◆ **Sort by:** Lets you sort tasks by Priority, Due date, or Done status.
- ◆ **Delete:** Lets you delete the selected file, multiple files, all files or those marked as done.
- ◆ **Save to 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 Event:** 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 20.

## Notes

Notes lets you create and save text files up to 100 characters that can be viewed later. You can also send a note to someone else via text message, picture message or Bluetooth.

To create and save a note:

1. From the Idle screen, press the  key to access the menu mode.
2. Use the Navigation keys to highlight **Tools** and press the **Select** soft key or the  key.
3. Highlight **Notes** and press the **Select** soft key or the  key. A list of existing notes is displayed.
4. Press the **Options** soft key, highlight **Create** and press the **Select** soft key or the  key.

5. Type your note in the message window. For further information on entering characters, see “Entering Text” on page 44. The remaining number of character spaces is indicated at the lower right side of the display.
6. To save the note, press the  key or press the **Options** soft key, highlight **Save** and press the **Select** soft key.

From the Notes screen, you can access the following options by pressing the **Options** soft key:

- ◆ **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 to 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 with using a Bluetooth-enabled printer.
- ◆ **Memory Status:** Shows the number of notes in your phone and space left. The maximum number of notes is 20.

## Tip Calculator

The tip calculator (Menu 7.8) 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. From the Idle screen, press the  key to access the menu mode.
2. Use the Navigation keys to highlight **Tools** and press the **Select** soft key or the  key.
3. Highlight **Tip Calculator** and press the **Select** soft key or the  key.

4. Using the numeric keypad and the  key (to enter the decimal point), enter the total amount of the bill in **Bill**.
5. If you want a percentage other than the default 15%, use the Down navigation key to highlight **Tip (%)** and enter the new value using the numeric keypad.
6. If more than one person is paying, use the Down navigation key to highlight **# paying** and enter the number using the numeric keypad.

The total amount of the tip is shown in **Tip (\$)** and the amount each person pays in **You pay**.

## Converter

Using the Converter (Menu 7.9), you can determine many unit conversions.

1. From the Idle screen, press the  key to access the menu mode.
  2. Use the Navigation keys to highlight **Tools** and press the **Select** soft key or the  key.
  3. Highlight **Converter** and press the **Select** soft key or the  key.
  4. Select the conversion type required (Currency, Length, Weight, Volume, Area or Temperature) and press the **Select** soft key or the  key.
  5. Press the Left or Right navigation key to select the original unit type and press the Down navigation key to select the amount field.
  6. Enter the amount to convert. Use the  key to insert a decimal. Press the Down navigation key to select the second Unit field.
  7. Press the Left or Right navigation key to select the final unit type.
  8. The converted value is displayed below the final unit type.
- ◆ To reverse the direction of the conversion, select the **Options** soft key, highlight **Reverse** and press the **Select** soft key or the  key.

- ◆ To change the amount to be converted, press the Up navigation key until the amount field is highlighted and enter the new value using the numeric keypad.
- ◆ To perform a different conversion, use the **Back** soft key to return to the Converter menu.
- ◆ To change the preset currency conversion rates, press the **Options** soft key, highlight **View Rate** and press the **Select** soft key or the  key. Use the Left and Right navigation keys to select the base rate to be used. Use the Down navigation key to select the value to be changed, press the  key, enter the new value using the numeric keypad, and press the **Save** soft key or the  key.

## Timer

The Timer (Menu 7.10) allows you to count down from a preset time to zero. A series of tones plays when the time reaches zero.

To start the timer:

1. From the Idle screen, press the  key to access the menu mode.
2. Use the Navigation keys to highlight **Tools** and press the **Select** soft key or the  key.
3. Highlight **Timer** and press the **Select** soft key or the  key.
4. Press the **Set** soft key.
5. Using the numeric keys, enter the number of hours, minutes and seconds that you wish to count down and press the **OK** soft key.
6. Press the  key to start the timer.

To pause the countdown, press the  key.

# Contacts

The Contacts menu (**Menu 8**) is used to manage your contact list. You can store names and phone numbers in both your SIM card and your phone's memory, which are physically separate but both used to create the contact list. You can also create contact groups and assign speed dial numbers to your numeric keypad.

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**Note:** When you change phones, numbers stored in your SIM card memory are automatically available with the new phone, whereas numbers stored in the phone's memory must be re-entered or transferred using a data kit accessory. However, contacts stored on the phone may include additional details that can not be stored on the SIM card.

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## Add New Contact

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

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

1. Enter the phone number you want to store directly on the Idle screen.
  2. Press the **Options** soft key, highlight **Save to Contacts** and press the **Select** soft key or the  key.
  3. If the saving mode is set to Always Ask, the Save to screen appears. Highlight **Phone** and press the **Select** soft key or the  key.
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**Note:** The default mode for saving contacts is Always Ask. To set it to SIM Card or Phone, see "Contact Settings" on page 173.

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4. Select **New** if this is a new contact or **Update** if you want to change an existing contact, then press the **Select** soft key or the  key. The Add New Contact screen opens.

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**Note:** You can also access the Add New Contact screen from the Contacts menu. Press the **Options** soft key, highlight **Add New Contact** and press the **Select** soft key or the  key.

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- Using the Up and Down navigation keys, highlight the type of number you have entered (Mobile, Landline, Fax, Video Call, etc.) and press the  key.
- In the Add New 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 that appears when you receive a call from this contact.
  - ◆ **Mobile - Private:** Allows entry of a mobile phone number or, if you already entered a number, it appears here. To change the number type (Mobile - Business, Video Call, Fax, etc.) press the **Options** soft key, highlight Change Type and press the **Select** soft key or  key. Use the Left and Right navigation keys to select the type and corresponding icon, then press the **Select** soft key or  key.
  - ◆ **Landline - Private:** Allows you to enter a landline number for this contact. To change the number type (Landline - Business, Video Call, Fax, etc.) press the **Options** soft key, highlight Change Type and press the **Select** soft key or  key. Use the Left and Right navigation keys to select the type and corresponding icon, then press the **Select** soft key or  key.
  - ◆ **E-Mail:** For recording an e-mail address.
  - ◆ **Group:** Lets you assign this contact to group. Press the  key to open the Groups screen. Highlight a group and press the **Select** soft key or the  key.
  - ◆ **Caller ID:** Lets you choose a graphic Caller ID for this contact. Highlight the Graphic ID icon and press the  key to open the

Media menu. For information on using the Media menu, see “Media” on page 64.

- ◆ **Ring Tune:** Allows you to choose a ring tune that plays when this contact calls. Highlight the Ring Tune icon and press the **⏏** key to open the Media menu. Highlight Ring Tunes and press the **Select** soft key or the **⏏** key. For information on selecting a ring tune, see “Ring Tunes” on page 65.
- ◆ **Instant Messaging:** Allows you to assign an Instant Message profile to this entry.
- ◆ **Notes:** Lets you add any other information you wish to record with this contact.

For information on text and numeric entry, see “Entering Text” on page 44.

7. To save the information, press the **Options** soft key, highlight **Save** and press the **Select** soft key or the **⏏** key.

## Storing a Number in the SIM Card

1. Enter the phone number you want to store directly on the Idle screen.
2. Press the **Options** soft key, highlight **Save to Contacts** and press the **Select** soft key or the **⏏** key.
3. If the saving mode is set to Ask on Saving, the Save to screen appears. Highlight **SIM** and press the **Select** soft key or the **⏏** key.

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**Note:** The default mode for saving contacts saves to your SIM Card. To set it to Phone or Ask on Saving, see “Contact Settings” on page 173.

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4. Select **New** if this is a new contact, **Update** if you want to change an existing contact, then press the **Select** soft key or the **⏏** key. The Add New Contact screen opens.

---

**Note:** You can also access the Add New Contact screen from the Contacts menu. Press the **Options** soft key, highlight **Add New Contact** and press the **Select** soft key or the  key.

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5. Enter the information you want to save for this contact. The following fields are available for input:
  - ◆ **Name:** For recording the contact's name.
  - ◆ **Phone Number:** Allows entry of a phone number or, if you already entered a number, it appears here.
  - ◆ **Location:** Allows you to assign a location on your SIM for the contact being entered. The default is the next available SIM location.
6. Press the  key or the **Options** soft key, highlight **Save** and press the **Select** soft key or  key to save your new entry and display a screen that lists the details of your new entry onto the SIM.

## Find Contact Information by Name

To view the stored information for a contact:

1. From the Idle screen, press the  key to access the menu mode.
2. Use the navigation keys to highlight **Contacts** and press the **Select** soft key or the  key.
3. 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 than the one that is highlighted, press the Up or Down navigation key until the entry you want is highlighted.
4. Press  to dial the number or the  key to view the contact information.

## Contact List Options

While accessing the Contact List, press the **Options** soft key to use any of the following options:

- ◆ **View:** Lets you view the information for the highlighted contact.
- ◆ **Add New Contact:** Allows you to create a new contact. See “Add New Contact” on page 132 for more information.
- ◆ **Voice Call:** Allows you to place a call to the highlighted contact.
- ◆ **Video Call:** Allows you to initiate a video call to the highlighted contact.
- ◆ **Send Message:** Allows you to send a text message or picture message to this contact.
- ◆ **Edit:** Allows you to edit the content of this contact entry. Press the  key to save the changes.
- ◆ **Duplicate:** Allows you to duplicate a selected entry. This can save time when creating a new contact with similar information to an existing entry. Use the Edit option (see above) to alter the information as required.
- ◆ **Delete:** Allows you to delete the selected Contact List entry or multiple entries.
- ◆ **Save to Media:** Saves a copy of the contact as a .vcf file in your Other Files folder in the Media menu.
- ◆ **Send Business Card via:** Allows you to send a message to the selected entry that contains your Business Card. This can be sent as either a message or via Bluetooth.
- ◆ **My Business Card:** Opens the My Business Card screen (see “My Business Card” on page 139).
- ◆ **Assign Speed Dial:** Allows you to set a speed dial key for this entry.
- ◆ **Copy to Phone/SIM:** Allows you to copy either the selected contact or multiple contacts from the phone to the SIM card or from the SIM card to the phone.
- ◆ **Move to Phone/SIM:** Allows you to move either the selected contact or multiple contacts from the phone to the SIM card or from the SIM card to the phone.
- ◆ **Service Number:** Opens the Service Number menu.

- ◆ **FDN Contacts:** FDN (Fixed Dial Number) mode, if supported by your SIM card, allows you to restrict outgoing calls to the phone numbers in this list, which is stored in the SIM card. Use of the FDN List requires a PIN2 access number. When entering contacts into the FDN list, you can enter a full length number or use wildcard entries to allow a range of numbers to be dialed, for example entering 555 allows outgoing calls to all numbers that begin with 555. You do not need to enter asterisks (\*) in wild card entries.
- ◆ **Copy to FDN Contacts:** Allows you to copy the entry to the FDN section of the SIM card.
- ◆ **Print via Bluetooth:** Allows you send the selected contact entry information to a Bluetooth-enabled printer.
- ◆ **Contacts Settings:** Accesses the settings menu. For more information, see “Contact Settings” on page 173.
- ◆ **Memory Status:** Allows you to view the amount of memory allocated and available for the following categories: Phone, USIM, Additional No.1 (SIM card), Additional No.2, Email, and FDN.

## Groups

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

### Adding Contacts to a Group

1. From the Idle screen, press the  key to access the menu.
2. Select **Contacts** and press the **Select** soft key or the  key.
3. Press the Left or Right navigation key to select the **Groups** tab.
4. Using the Up and Down navigation keys, scroll to the group that you wish to add the contact(s) to and press the  key.

5. Press the **Options** soft key, highlight **Add Member** and press the **Select** soft key or the  key. The Contact List opens.
6. Using the Up and Down navigation keys, scroll to each name to be added to the Group and press the  key 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 than the one that is highlighted, press the Up or Down navigation key until the entry you want is highlighted.
7. When you are finished selecting names, press the **Add** soft key. The selected contacts are added to the group.

## Group Options

From the Group screen, you can access the following options for each group by highlighting the group name and pressing the **Options** soft key:

- ◆ **View:** Opens the group list.
- ◆ **Create Group:** allows you to create a new group and save it to your phone or, if your SIM card allows Group storage, to your card.
- ◆ **Send Message:** Allows you to send a message to group members.
- ◆ **Delete:** Allows you to delete the selected group.

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**Note:** Deleting a group does not delete individual Contact entries.

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- ◆ **Rename:** Lets you change the name of the selected group.
- ◆ **Group Settings:** Allows you to change the Picture and the Ring Tune associated with the group.

## Creating a New Group

1. From the Idle screen, press the  key to access the menu mode.
2. Select **Contacts** and press the **Select** soft key or the  key.

3. Press the Left or Right navigation key to select the **Groups** tab.
4. Press the **Options** soft key and select **Create Group**. If your SIM card allows Group storage, highlight the desired memory location, either Phone or SIM. Press the **Select** soft key or the  key.
5. Enter the name of the new group.
6. When you are finished, press the **Save** soft key or the  key.

## My Business Card

This menu option allows you to create a Business Card file containing your contact information that can be sent to others for addition to their contact list.

1. From the Idle screen, press the  key to access the menu.
2. Use the navigation keys to highlight **Contacts** and press the **Select** soft key or the  key.
3. Press the **Options** soft key, highlight **My Business Card** and press the **Select** soft key or the  key.
4. Enter the information you want to save for your Business Card. The following fields are available for input:
  - ◆ **First Name:** For recording your first name
  - ◆ **Last Name:** For recording your last name
  - ◆ **Display Name:** For recording your display name
  - ◆ **Mobile:** For recording a mobile phone number
  - ◆ **Landline:** For recording a fixed phone number
  - ◆ **Email:** For recording an e-mail address
  - ◆ **Caller ID:** For recording your Caller ID information
  - ◆ **Notes:** For adding any other information

For information on text and numeric entry, see “Entering Text” on page 44.

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**Note:** Press the **Options** soft key to add more phone number fields or change field names.

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To change the type of field in a specific location, press the **Options** soft key, highlight **Change Type** and press the **Select** soft key or the  key. Highlight the required field type and press the **Select** soft key.

5. When you are finished entering information, press the **Options** soft key, highlight **Save** and press the **Select** soft key or the  key.

# Settings

This menu (**Menu 9**) allows you to customize numerous phone settings to suit your preferences.

## Set Sound Profile

Profiles (Menu 9.1) are groups of customized settings, each specifically designed to make your phone behave differently in different situations. For example, you may not want your incoming call ring tune to play more loudly when you are outdoors.

Your phone includes the following profiles:

- ◆ **Normal:** For use in situations that do not require special sound settings.
- ◆ **Silent:** For use in situations where you do not want your phone to use audible sounds for incoming call alerts, new message alerts, or when turning on or off.
- ◆ **Driving:** For use while driving.
- ◆ **Outdoor:** For use outdoors or in loud environments where it may be difficult to hear alert tones.

## Selecting a Profile

Select the profile that best suits your surroundings or situation.

To select a profile:

1. In Idle mode, press the **Ⓞ** key to access the menu.
2. Highlight **Settings** and press the **Select** soft key or the **Ⓞ** key.
3. Select **Set Sound Profile** and press the **Select** soft key or the **Ⓞ** key.
4. Highlight a profile and press the **Save** soft key.

A message appears notifying you that the profile has been changed.

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

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## Viewing and Changing Profile Settings

To view the settings for a profile, open the Set Profiles screen (see above), highlight the profile you want to view or change and press the  (Edit) key.

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

- ◆ **Call:** Lets you specify the manner in which the phone alerts you to incoming voice and video calls. For example, you can choose to be alerted by a melody, or by a melody and vibration. You can also specify ring tunes for voice and video calls, and set the volume of audible alerts.
- ◆ **Message:** Lets you specify the manner in which the phone alerts you to incoming messages. You can also specify the message alert tone and the frequency of alert reminders.
- ◆ **Phone:** Lets you specify the sounds made by the phone when you press a key or turn the phone on or off.

Use the Up and Down navigation keys to view the current settings in a category.

To see all options for a specific setting, select it and press the  key.

To change the setting, use the Up and Down navigation keys to select another setting and press the **OK** soft key or the  key.

To save changes made to the profile settings, press the **Options** soft key, highlight **Save** and press the **Select** soft key or the  key.

## Call Settings

- ◆ **Call Alert Type:** Lets you specify how you want to be alerted to incoming calls (various combinations of melody and vibration).
- ◆ **Voice Call Ring Tune:** Lets you select a ring tune for incoming voice calls from the Ring Tunes folder, which contains default and downloaded ring tunes.
- ◆ **Video Call Ring Tune:** Lets you select a ring tune for incoming video calls from the Ring Tunes folder, which contains default and downloaded ring tunes.
- ◆ **Ring Tune Volume:** Lets you specify the volume for the selected ring tunes (level 1 to 7).

## Message Settings

- ◆ **Message Alert Type:** Lets you specify how you want to be alerted to incoming messages (Melody, Vibration, Vibration & Melody, or Mute).
- ◆ **Message Alert Tone:** Lets you specify an alert tone for incoming text messages. You can select **Use Effect Tone**, which provides a choice of four preset tones, or **Use My Alert Tone**, which allows selection of a tone from the Ring Tunes folder.
- ◆ **Message Alert Repetition:** Lets you specify whether the message alert tone is used to notify you of a new message only once or periodically until you open the message.
- ◆ **Message Tone Volume:** Lets you specify the volume for the selected alert tone (level 1 to 7).

## Phone Settings

- ◆ **Keypad Tone:** Lets you specify the tone played when you press a button on the keypad (Beep or Xylophone).
- ◆ **Power On Type:** Lets you specify the phone response when you turn the it on (Melody, Vibration, Vibration & Melody, or Mute).

- ◆ **Power Off Type:** Lets you specify the phone response when you turn it off (Melody, Vibration, Vibration & Melody, or Mute).
- ◆ **Phone Sound Volume:** Lets you specify the volume for the power on/off tones (level 0 to 7).

## Set Display

In this menu, you can change various settings for the front display, main display and backlight.

### Main Display

To change settings for the main display:

1. In Idle mode, press the **⊙** key to access the menu.
2. Highlight **Settings** and press the **Select** soft key or the **⊙** key.
3. Select **Set Display** and press the **Select** soft key or the **⊙** key.
4. Select **Main Display** and press the **Select** soft key or the **⊙** key.

The following options are available. Use the navigation keys, **Select** soft key and **⊙** key to highlight and change selections, the **Set** soft key and **⊙** key to confirm changes.

### Display Settings

- ◆ **Wallpaper:** Allows you to choose a screen background image from the Media folders, which can include preloaded wallpapers and photographs taken with the camera, copied from a PC or downloaded from the Internet.
- ◆ **Greeting Message:** Allows you to change the text that appears on the screen when the phone powers on.
- ◆ **Menu Style:** Allows you to select whether the phone's menus are presented in Grid Menu style or List Menu style.

- ◆ **Pop Up List Menu:** Allows you to select the whether pop up menus are On or Off.
- ◆ **Dialing Display:** Allows you to select the properties of the type font used for the dialing display.
  - **Font Type:** Allows you to select the font used (Normal 1, Normal 2, Quill Pen, or Sticky Note).
  - **Font Size:** Allows you to select the font size (Large, Medium, or Small).
  - **Font Color:** Allows you to select a color for the selected font (Monochrome, Rainbow, Gradation, or Basic).
  - **Background Color:** Allows you to select a color for the background screen.

## Front Display

To change settings for the front display:

1. In Idle mode, press the **☰** key to access the menu.
2. Highlight **Settings** and press the **Select** soft key or the **☰** key.
3. Select **Set Display** and press the **Select** soft key or the **☰** key.
4. Select **Front Display** and press the **Select** soft key or the **☰** key.

The following options are available:

## Display Settings

- ◆ **Wallpaper:** Allows you to choose a screen background image. The choices are Clock, My Image or Screen Slogan.
  - To change the clock image, press the **Options** soft key, highlight **Edit** and press the **Select** soft key or the **☰** key. Use the right and left navigation keys to select a clock style (Analog Clock 1, Analog Clock 2 or Digital Clock).
  - **My Image:** Allows you to choose an image from the Media folders. Press the **Options** soft key, highlight **Edit** and press the **Select** soft

key or the **⏪** key, then press the **Change** soft key. Highlight a folder and open it by pressing the **Select** soft key or the **⏪** key. Highlight an image and press the **Select** soft key or the **⏪** key. Use the navigation keys to move the selection box to the area of the photo you wish to use and the + and - soft keys to increase or decrease the image size. Press the **⏪** key to confirm the selection.

- **Screen Slogan:** Lets you enter text that appears in the center of the screen. Press the **Options** soft key, highlight **Edit** and press the **Select** soft key or the **⏪** key. Enter the text you want to appear on the screen then press the **Save** soft key or the **⏪** key.

◆ **Greeting Message:** Allows you to change the text that appears on the screen when the phone powers on.

## Light Settings

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**Note:** Increasing brightness and light times will reduce the length of time the phone can be operated before battery recharging is necessary.

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- ◆ **Brightness:** Allows you to adjust LCD display brightness for best viewing in different lighting conditions.
- ◆ **Backlight Time:** Allows you to select the length of time the backlight remains on at full brightness and dimmed while the phone is idle. For On choose 10 Seconds, 30 Seconds, 1 Minute, 3 Minutes, or 10 Minutes. For Dim choose Off, 5 Seconds, 30 Seconds, 1 Minute, or 3 Minutes.
- ◆ **Keypad Light:** Allows you to determine whether the keypad lights whenever the phone is use or only during specific hours (Use at Any Time or Use at Custom Time). To set the custom time, select Use at Custom Time, press the **Options** soft key, highlight **Edit** and press the **Select** soft key or the **⏪** key.

## Set Time & Date

Use this menu (Menu 9.3) to configure the settings for the time and date display.

To modify Time & Date settings:

1. In Idle mode, press the **⊙** key to access the menu.
2. Highlight **Settings** and press the **Select** soft key or the **⊙** key.
3. Select **Set Time & Date** and press the **Select** soft key or the **⊙** key.
4. Change settings as required (see below).
5. To save changes, press the **Save** soft key.

The following settings are available:

- ◆ **Time Zone Updating:** Lets you specify how the time zone information is updated (Automatic, Prompt first or Manual only).

If Manual Only is selected, the following options are enabled:

- **Home Zone:** Lets you specify your location relative to Greenwich Mean Time. Scroll left or right to indicate your time zone. You can also enable or disable Daylight saving, as appropriate.
  - **Time:** Lets you enter the current time using the keypad. Scroll left or right to highlight the number you want to modify and then type the new information. To switch between AM and PM, highlight the indicator and press the right navigation key or any number key.
  - **Date:** Lets you enter the current date using the keypad. Scroll left or right to highlight the information you want to modify and then type the new information.
- ◆ **Time Format:** Lets you specify the time format you prefer (12 hour or 24 hour clock). Scroll left or right to select.
  - ◆ **Date Format:** Lets you specify the date format you prefer to use. Press the **⊙** key to open the selection screen, highlight a format and press the

**OK** soft key or  key. The choices are DD/MM/YYYY, MM/DD/YYYY, YYYY/DD/MM, YYYY/MM/DD.

## Set Phone

Use this menu (Menu 9.4) to configure general phone settings related to the user interface language, shortcuts, security and Airplane Mode. You can also check the phone number of the phone.

To access phone settings:

1. In Idle mode, press the  key to access the menu.
2. Highlight **Settings** and press the **Select** soft key or the  key.
3. Select **Set Phone** and press the **Select** soft key or the  key.
4. Change settings as required (see below).
5. To save changes, press the **Save** soft key.

The following options are available:

- ◆ **Language:** Lets you specify the language used for user interface text that is displayed on the screen, as well as for the T9 text input dictionary.
  - **Screen text:** You can select Automatic, English or Français (French). If you select Automatic, the language setting is read from the SIM card in the phone.
  - **Input T9:** You can select English or Français (French) as the language used in T9 input mode. For more information on text input modes, see “Entering Text” on page 44.
- ◆ **Shortcuts:** Lets you change the applications assigned to the navigation keys for quick access. To select a new application for a key, press the key and then the  key or the **Options** soft key. Highlight the application you want to assign to the navigation key and press the  key or the **Save** soft key.
- ◆ **Own Number:** shows you the number(s) assigned to the SIM in your phone.

◆ **Security:** The Security feature enables you to restrict the use of your phone by others and to restrict the types of calls using various codes and passwords. The following options are available.

- **Lock Phone:** When the phone lock is enabled, the phone is secured and the phone password must be entered each time the phone is switched on. Once the correct password has been entered, the phone remains operational until switched off. To change the phone password, see “Phone Password” on page 35.
- **Lock SIM Card:** When the Lock SIM Card feature is enabled, your phone only works with the current SIM. To unlock the SIM and allow use of a different SIM card, you must enter the lock code, confirm your password and press the **OK** soft key.
- **Check PIN Code:** When the Check PIN Code feature is enabled, your PIN must be entered each time the phone is switched on.

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

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- **Lock Applications:** Using this option you can lock various applications, which means that the phone's password must be entered to access the associated menus. The selection includes: All, Messages, Media, Call History, Contacts, Calendar, Notes, IM, Tasks.
- **Set FDN Mode:** Set FDN (Fixed Dial Number) mode, if supported by your SIM card, allows you to restrict your outgoing calls to phone numbers stored in the FDN List. To set this mode you must enter your PIN2.

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**Note:** Not all SIM cards have a PIN2. If your SIM card does not, this menu does not display.

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- **Change Phone Password:** Allows you to change your current phone password. You must enter the current password before you can specify a new one.

- **Change PIN Code:** Allows you to change your current PIN, provided that the PIN Check feature is enabled. You must enter the current PIN before you can specify a new one.
- **Change PIN2 Code:** Allows you to change your current PIN2 to a new one. You must enter the current PIN2 before you can specify a new one.

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**Note:** Not all SIM cards have a PIN2. If your SIM card does not, this menu does not display.

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- ◆ **Airplane Mode:** For situations where you are not permitted to send or receive calls or access online information, this operating mode allows you to access all other phone functions.

## Set Calls

Call settings (Menu 9.5) let you configure the actions taken by the phone when you dial and receive calls.

To access call settings:

1. In Idle mode, press the **ⓘ** key to access the menu.
2. Highlight **Settings** and press the **Select** soft key or the **ⓘ** key.
3. Select **Set Calls** and press the **Select** soft key or the **ⓘ** key.
4. To change a setting, use the navigation keys to select another setting and press the **OK** soft key or the key.
5. To save changes, press the **Options** soft key, highlight **Save** and press the **Select** soft key or the **ⓘ** key.

The following options are available:

## General

This menu (Menu 9.5.1) lets you configure high-level features that specify how calls are handled. To access the settings for any of these features, use the navigation keys to select the feature and then press the  key.

- ◆ **Show My Number:** Lets you specify how your ID is handled when you initiate an outgoing call. Use the navigation keys to select one of the following options and press the **Save** soft key or the  key to save the selection.
  - **By Network:** You are identified to the recipient using the default network information.
  - **Send:** Your phone number and name are sent to the recipient.
  - **Hide:** Your identification is hidden from the recipient.
- ◆ **Auto Reject:** Lets you automatically reject calls from a specified list of contacts. For details on how to enable this feature, see “Enable and Configure Auto Reject” on page 152.
- ◆ **Call Answer:** Provides a choice of methods for answering a call on your phone (Send Key, Open Flip, or Any Key).
- ◆ **Auto Reply:** Lets you enable and configure auto reply. Use the left and right navigation keys to enable (On) and disable (Off). If you select On, press the down navigation key to highlight the **Reply to Send** area and type the message you want sent as an automatic reply.
- ◆ **Call Status Tones:** Lets you activate alert tones that sound during a call. Scroll up or down to select one of the following options and press the  key to enable (check) or disable (uncheck) options. When you are done, press **Save** soft key to save the selection.
  - **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.
- ◆ **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. Scroll up or down to select either **On** or **Off** and press the **Save** soft key to save the selection.

### Enable and Configure Auto Reject

To turn on and configure Auto Reject:

1. In Idle mode, press the **☰** key to access the menu.
2. Highlight **Settings** and press the **Select** soft key or the **☰** key.
3. Select **Set Calls** and press the **Select** soft key or the **☰** key.
4. Select **General** and press the **Select** soft key or the **☰** key.
5. Select **Auto Reject** and press the **Select** soft key or the **☰** key.
6. Select **Activation** and use the Left or Right navigation key to select **On**.
7. Use the Down navigation key to select **Reject List** and press the **☰** key to view the current list.

If this is the first time you have accessed this feature, the only item on the list is the default, **Unknown**. If you have already created an Auto Reject List and do not need to add entries to it, proceed to step 9.

Otherwise, press the **Options** soft key, select **Create** and press the **Select** soft key or the **☰** key.

8. Enter the number of the caller you want to add to the Reject List. To do this, you can:
  - Type the number into the edit box
  - Press the **Search** soft key and select either **Call History** (to view a list of recent calls) or **Contacts** (to view your Contacts list). Scroll to the number you want to add to the Reject List and press the **Options** soft key, highlight **Select** and press the **Select** soft key or the **☰** key. Verify the phone number on the Create Reject Number screen and press the **Save** soft key or the **☰** key.

9. Scroll through the numbers in the Auto Reject List and press the  key to place a check mark next to those callers you want to automatically reject. You can press the **Options** soft key to create, edit or delete an entry.
10. When you have made your selections, press the **Options** soft key, select **Save** and press the **Select** soft key or the  key. The settings are saved.

## Voice Call

This menu (Menu 9.5.2) lets you configure the default settings for voice call features.

### Call Forwarding

Call forwarding lets you reroute incoming calls to a number you specify, for example, forward your business calls to a colleague while you are on vacation.

To set your call forwarding options:

1. In Idle mode, press the  key to access the menu.
2. Highlight **Settings** and press the **Select** soft key or the  key.
3. Select **Set Calls** and press the **Select** soft key or the  key.
4. Select **Voice Call** and press the **Select** soft key or the  key.
5. Select **Call Forwarding** and press the **Select** soft key or the  key.
6. Highlight the option you want to modify and press the **Select** soft key. You can choose one of the following:
  - ◆ **Always**: Forwards all calls. In the Forward To edit box, enter the destination phone number or press the **Options** soft key to select a number from your Contacts. To enter an international code, press the  key until the + sign appears. Press the **Options** soft key and select **Activate** to enable this feature. The phone sends you

settings to the network and the network's acknowledgement is displayed.

- ◆ **Busy:** Forwards calls received while you are on another call.
- ◆ **No Reply:** Forwards calls to which you do not respond.
- ◆ **Unreachable:** Forwards calls received when you are not in an area covered by your service provider, or while your phone is turned off.
- ◆ **Cancel All:** Deactivates call forwarding.

The current status of the option is displayed.

## Call Barring

Call Barring allows you to restrict outgoing calls from being made with your phone. You can bar all outgoing calls or calls to international phone numbers. Contact your service provider for more details on enabling this feature.

To configure call barring options:

1. In Idle mode, press the **☰** key to access the menu.
2. Highlight **Settings** and press the **Select** soft key or the **☰** key.
3. Select **Set Calls** and press the **Select** soft key or the **☰** key.
4. Select **Voice Call** and press the **Select** soft key or the **☰** key.
5. Select **Call Barring** and press the **Select** soft key or the **☰** key. The following choices are presented:
  - ◆ **All Outgoing Calls:** Bars this phone from making outgoing calls.
  - ◆ **Outgoing International Calls:** Bars this phone from making calls to international numbers.
  - ◆ **Cancel All:** Cancels all settings and deactivates Call Barring.
6. Use the Up and Down navigation keys to highlight the type of call you want to change settings for or Cancel All to cancel settings. Press the

⊙ key or the **Options** soft key and then highlight **Select** and press the **Select** soft key or the ⊙ key.

7. The screen confirms whether call barring is activated or deactivated for the selected call type. To modify the setting, enter the password and press the ⊙ key.

### Changing the Password for Call Barring

The Call Barring password is the same for both voice and video calls. To change the password:

1. From the Call Barring screen, Press the **Options** soft key, highlight **Change Password** and press the **Select** soft key or the ⊙ key.
2. Type the current password into the Old edit box.
3. Type the new password into the New edit box and then again in the Confirm edit box.
4. Press the **Confirm** soft key.

### Call Waiting

Call Waiting informs you when someone is trying to reach you while you are on another call. To set Call waiting options:

1. In Idle mode, press the ⊙ key to access the menu.
2. Highlight **Settings** and press the **Select** soft key or the ⊙ key.
3. Highlight **Set Calls** and press the **Select** soft key or the ⊙ key.
4. Highlight **Voice Call** and press the **Select** soft key or the ⊙ key.
5. Select **Call Waiting** and press the **Select** soft key or the ⊙ key. The screen informs you whether call waiting is activated or deactivated.

To change the status of the call waiting feature, press the **Options** soft key, select **Activate** or **Deactivate**, and press the **Select** soft key or the ⊙ key.

## Auto Redial

Auto Redial lets you configure your phone to automatically redial the last dialed number if the call connection is lost or if the call was unable to connect. To enable or disable Auto Redial:

1. In Idle mode, press the **☎** key to access the menu.
2. Highlight **Settings** and press the **Select** soft key or the **☎** key.
3. Highlight **Set Calls** and press the **Select** soft key or the **☎** key.
4. Highlight **Voice Call** and press the **Select** soft key or the **☎** key.
5. Select **Auto Redial** and press the **Select** soft key or the **☎** key.
6. Highlight **On** or **Off** and press the **Save** soft key.

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**Note:** For carriers that automatically divert unanswered calls to voice mail, the Auto redial feature will not provide useful service.

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## Video Call

This menu (Menu 9.5.3) lets you configure the default setting for video call options.

### Select My Image

During a video call, you can opt to display a still image on the recipient's or caller's hand set instead of a video. You can select an image that you have taken with the built-in camera, or an image file that you have downloaded. For information on changing the outgoing visual during a video call, see "Options During a Video Call" on page 40.

To set an image:

1. In Idle mode, press the **☎** key to access the menu.
2. Highlight **Settings** and press the **Select** soft key or the **☎** key.
3. Highlight **Set Calls** and press the **Select** soft key or the **☎** key.

4. Highlight **Video Call** and press the **Select** soft key or the  key.
5. Highlight **Select My Image** and press the **Select** soft key or the  key.
6. Press the **Options** soft key, highlight one of the following options and press the **Select** soft key or the  key:
  - ◆ **Get from Media**: Lets you access files stored on the phone.
  - ◆ **Get from camera**: Lets you take a picture.
  - ◆ **Use preset image**: Uses the default picture preset in the phone.
7. Do one of the following, depending on your choice in the previous step:
  - ◆ If you chose **Get from Media**, scroll to the folder that contains the image you want to use and press the  key or the **Select** soft key. Highlight the file and press  key or the **Select** soft key. A preview is displayed. Press the  key or the **Options** soft key, select **Save** and press the  key or the **Select** soft key.
  - ◆ If you chose **Get from Camera**, take a picture by aiming the camera and pressing the  key. Press **Add** to accept the picture and see a preview. Press the  key or the **Options** soft key, highlight **Save** and press the  key or the **Select** soft key.
  - ◆ If you chose **Use Preset Image**, a preview of the default image is displayed. Press the **Back** soft key to return to the menu.

### Show My Image

Chooses whether or not to display the selected image on the recipient's or caller's hand set during a call.

### Use Call Fail Options

Specifies how the phone handles connection problems during video call initialization. If On, you are prompted to choose another connection method when a video call connection is not successful. If Off, alternative choices are not shown when a video call can not be connected.

## Call Forwarding

Lets you reroute incoming video calls to a number you specify. For example, you can forward your business calls to a colleague while you are on vacation.

To set your call forwarding options:

1. In Idle mode, press the  key to access the menu.
2. Highlight **Settings** and press the **Select** soft key or the  key.
3. Select **Set Calls** and press the **Select** soft key or the  key.
4. Select **Video Call** and press the **Select** soft key or the  key.
5. Select **Call Forwarding** and press the **Select** soft key or the  key.
6. Highlight the option you want to modify and press the **Select** soft key.

You can choose one of the following:

- ◆ **Always:** Forwards all calls. In the Forward To edit box, enter the destination phone number or press the **Options** soft key to select a number from your Contacts. To enter an international code, press the  key until the + sign appears. Press the **Options** soft key and select **Activate** to enable this feature. The phone sends your settings to the network and the network's acknowledgement is displayed.

**Cancel All:** Deactivates call forwarding.

The current status of the option is displayed.

## Call Barring

Allows you to restrict different types of calls from being made or received with your phone. For example, you can bar all calls to international phone numbers in case the phone is lost or stolen.

To configure call barring options:

1. In Idle mode, press the  key to access the menu.

2. Highlight **Settings** and press the **Select** soft key or the  key.
3. Select **Set Calls** and press the **Select** soft key or the  key.
4. Select **Video Call** and press the **Select** soft key or the  key.
5. Select **Call Barring** and press the **Select** soft key or the  key. The following choices are presented:
  - ◆ **All Outgoing Calls:** Bars this phone from making outgoing calls.
  - ◆ **Outgoing International Calls:** Bars this phone from making calls to international numbers.
  - ◆ **Cancel All:** Cancels all settings and deactivates Call Barring.
6. Use the Up and Down navigation keys to highlight the type of call you want to change settings for or Cancel All to cancel settings. Press the  key or the **Options** soft key and then highlight **Select** and press the **Select** soft key or the  key.
7. The screen confirms whether call barring is activated or deactivated for the selected call type. To modify the setting, enter the password and press the  key.

### Changing the Password for Call Barring

The Call Barring password is the same for both voice and video calls. To change the password:

1. From the Call Barring screen, Press the **Options** soft key, highlight **Change Password** and press the **Select** soft key or the  key.
2. Type the current password into the Old edit box.
3. Type the new password into the New edit box and then again in the Confirm edit box.
4. Press the **Confirm** soft key.

## Auto Redial

Auto Redial lets you configure your phone to automatically redial the last dialed number if the call connection is lost or if the call was unable to connect. To enable or disable Auto Redial:

1. In Idle mode, press the **☰** key to access the menu.
2. Highlight **Settings** and press the **Select** soft key or the **☰** key.
3. Highlight **Set Calls** and press the **Select** soft key or the **☰** key.
4. Highlight **Video Call** and press the **Select** soft key or the **☰** key.
5. Select **Auto Redial** and press the **Select** soft key or the **☰** key.
6. Highlight **On** or **Off** and press the **Save** soft key.

---

**Note:** For carriers that automatically divert unanswered calls to voice mail, the Auto redial feature will not provide useful service.

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## Set Connectivity

The Connectivity settings (Menu 9.6) allow you to manage the settings associated with the connection types available to your phone, including Bluetooth, network, wireless connectivity and USB.

### Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 30 feet, even when devices are located in different rooms. The Bluetooth settings menu provides the ability to view and change the device name, show the visibility, and set the security for the device.

The following Bluetooth options are available:

## Activation

To turn Bluetooth on or off:

1. From the Idle screen, press the  key to access Menu mode.
2. Use the navigation keys to highlight **Settings** and press the **Select** soft key or the  key.
3. Highlight **Set Connectivity** and press the **Select** soft key or the  key.
4. Highlight **Bluetooth** and press the **Select** soft key or the  key.
5. Highlight **Activation** and press the **Select** soft key or the  key.
6. Using the Up or Down navigation key, select **On** or **Off**, as required, and then press the **Save** soft key or the  key.

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**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.

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## My Devices

This function provides a list of Bluetooth wireless technology devices within range of your phone and lets you pair the phone with one or more devices.

To search for Bluetooth devices:

1. From the Bluetooth menu, select **My Devices**.
2. Highlight **Search For New Devices** and press the **Select** soft key or the  key.

After searching, your phone displays a list of available devices. The color of the icon indicates the status of the device:

- ◆ Grey for unpaired devices
- ◆ Blue for paired devices
- ◆ Red for devices that are currently connected to your phone

To connect to a Bluetooth Device:

1. Find Bluetooth devices within range (see above). On the device list, highlight the device you want to connect to and press the **Select** soft key or the  key.
2. Enter the Bluetooth PIN for the device and press the **OK** soft key. If connecting to a Bluetooth wireless device, consult your Bluetooth device user manual for your assigned PIN. If connecting to another phone, enter the same user-defined PIN on both phones.

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**Note:** The default PIN for your phone is 0000.

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If you are unable to pair with the device a message appears in the display. Press the **Yes** soft key to retry.

### My Phone's Visibility

This option allows you to turn your phone's visibility to other Bluetooth devices On or Off. When Bluetooth visibility is turned on, your phone wirelessly transmits its name and status. This is useful if you are attempting to connect to additional Bluetooth devices, but it can pose a security risk and facilitate unauthorized connection so should be paired with a Bluetooth security option. For more information, see "Secure Mode" on page 163.

### My Phone's Name

This option displays the name given to your phone for Bluetooth purposes. When your phone's Bluetooth visibility is turned on, it identifies itself using the name entered into this text field. You can alter this name by entering a new text string in place of the pre-existing text.

To change the phone name:

1. Press and hold the  key to erase the previous name.
2. Use the keypad to enter a new name.

3. Press the **Save** soft key or the  key to save the new name.

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**Note:** The default name for your phone is SGH-A746, the model code.

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### Secure Mode

When Bluetooth visibility is turned on, your phone wirelessly transmits its phone name and status. This transmission can pose a security risk and allow unauthorized connection to your phone. When Secure Mode is turned on, however, the phone prompts you to allow or deny access whenever another Bluetooth-enabled device tries to access your phone.

This option allows you to set Security Mode to On or Off. Highlight a selection and press the **Save** soft key or the  key.

### Remote SIM Mode

This option allows you to enable access to your SIM card via Bluetooth.

### Bluetooth Services

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 will not work together.

The following service profiles are available:

- ◆ **Headset:** The remote Bluetooth headset enables outgoing and incoming calls.
- ◆ **Handsfree:** The remote Bluetooth car kit enables outgoing and incoming calls.
- ◆ **Bluetooth Stereo Headset:** The remote Bluetooth stereo headset lets you listen to music.
- ◆ **Serial Port:** The remote Bluetooth device acts as a virtual serial port.

- ◆ **Dial Up:** The remote Bluetooth device enables Internet access through a phone modem.
- ◆ **Basic Printing:** The phone is configured to use Bluetooth technology to enable basic printing. This is useful to print received text messages or contact information.
- ◆ **File Transfer:** The remote Bluetooth device enables users to transfer files from their handset to other Bluetooth devices.
- ◆ **Object Push:** The remote Bluetooth device enables the transfer of personal data (e.g., namecard, calendar) to other devices.
- ◆ **SIM Access:** Chooses whether to allow access to your SIM card via Bluetooth.

### Bluetooth Device Options

There are several options available for connected Bluetooth devices. Select the device in the My Devices list and press the **Options** soft key to access the following options:

- ◆ **Connect/Disconnect:** Connects or disconnects from the other device (Bluetooth headset only).
- ◆ **Browse Device:** Search for data from the device and import data directly to your phone. The connection must be authorized by the other device to successfully connect to it.
- ◆ **Service List:** Access the Bluetooth service list of the device.
- ◆ **Authorize Device/Unauthorize Device:** Determines whether the phone asks you to permit connection when other devices try to connect to your phone.
- ◆ **Delete:** Delete the selected device or all devices.
- ◆ **Rename:** Rename the paired device.

### Sending data via Bluetooth

1. Activate Bluetooth (see "Activation" on page 161).

2. Select the item you want to send. For example, you can send a video file stored in the Media folders.
3. Press the **Options** soft key.
4. Depending on the menu, select **Send via** and then **Bluetooth, or Send** and then **via Bluetooth**. Press the **Select** soft key. The phone displays a list of available devices.
5. Select a device.
6. If necessary, enter the Bluetooth PIN code needed for pairing and press the **OK** soft key or the  key.

### Receiving Data via Bluetooth

To receive data via Bluetooth, your phone's Bluetooth feature must be active. If an unauthorized Bluetooth device sends data to your phone, the phone displays a confirmation message. To receive data, press the **Yes** soft key.

### Network Selection

Network selection (Menu 9.6.2) lets you configure the phone to automatically select the network used when roaming outside of your home area or allow manual selection.

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

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To change your network selection:

1. In the Network selection menu, highlight **Automatic** to connect to the first available network when roaming or **Manual** to have the phone scan for available networks. Press the **Select** soft key or the  key.
2. If you selected **Manual**, the phone displays a list of available networks. Press the up or down navigation keys until the network you want is

highlighted and then press the **Select** soft key or the  key. Your phone connects to the selected network.

## Connections

The Connections menu (Menu 9.6.3) let you view the profiles containing the settings for connecting your phone to the network (GoRogers, RogersMedia, RogersInternet) and streaming. These settings are used for the Internet browser, Instant Messaging (IM) and sending picture messages.

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**Note:** Do not change these settings without first checking with your service provider or the Internet and multimedia features may not work properly.

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Select the profile you want, press the **Options** soft key, and select an option:

- ◆ **Edit:** To review or change the selected profile (custom profiles only).
- ◆ **New:** To create a new profile.
- ◆ **Rename:** To change the name of the profile (custom profiles only).
- ◆ **Delete:** To remove a profile from the list (custom profiles only).
- ◆ **Restore:** To return to default settings.

The following information must be completed when you select **New** or **Edit** from the **Options** soft key menu:

- ◆ **Set Name:** Enter the profile name.
- ◆ **Access Name:** Enter the access point name. This is the gateway address required to access the Internet.
- ◆ **Auth Type:** Select the type of authentication used for this WAP connection (None, Normal, or Secure).
- ◆ **User ID:** Enter the User ID required to connect to the network.
- ◆ **Password:** Enter the password required to connect to the network.

- ◆ **Protocol:** Set the connection protocol used by the WAP browser: WAP, HTTP, or Other.
- ◆ **Home URL** (WAP or HTTP only): Enter the URL address of the page to be used as your home page.
- ◆ **Proxy Address** (WAP only): Enter the gateway address of the proxy server.
- ◆ **Port** (HTTP only): Enter the connection port.
- ◆ **Linger Time:** Set a time period after which the network is disconnected if there has been no new data traffic during that time.
- ◆ **Advanced Settings:** Allows you to configure some of the IP-specific information: Static IP, Static DNS, Server information, and Traffic Class.
  - ◆ **Static IP:** Specify if you want to manually enter an IP address. If you want the IP address to be automatically assigned by the server, remove the check mark.
  - ◆ **Local Phone IP:** Enter the IP address obtained from the network operator. This option is available only if you checked the Static IP option.
  - ◆ **Static DNS:** Specify if you want to manually enter the Domain Name Server (DNS) address. If you want the address to be automatically assigned by the server, remove the check mark.
  - ◆ **Server 1/Server 2:** Enter the Domain Name Server (DNS) addresses.
  - ◆ **Traffic Class:** Select the traffic class: Subscribed, Conversation, Streaming, Interactive or Background.

## Select USB Mode

Your phone can connect to a PC via a USB cable (sold separately). The phone can be configured to launch a default application when an active USB connection is detected.

- ◆ **Ask on Connection:** The phone opens a selection window that requires you to choose whether to open Media Player, PC Studio or Mass Storage.
- ◆ **Media Player:** Allows you to transfer multimedia files between your phone and a PC using Microsoft MTP (Media Transfer Protocol), which supports Autosync of content from Windows Media Player 10 and DRM (digital rights management).
- ◆ **PC Studio:** The phone is automatically recognized by Samsung PC Studio, a Windows-based PC programme package that you can use to manage personal data and multimedia files or access the Internet using the phone as a modem.
- ◆ **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 is used as the drive name in the list of disk drives in My Computer on the PC.

Highlight the application you want to launch when a USB connection is detected. Press the  key to select the application and press the **Save** soft key or the  key.

## Set Applications

The Set Applications menu (Menu 9.7) provides a convenient way to access all of the settings menus for phone functions from one list. All of these menus can be accessed from their respective applications as well and most are described in more detail within other sections of this manual.

## Messages Settings

Messages settings (Menu 9.7.1) let you configure the default settings for the following messaging features:

- ◆ **Text Message:** Lets you configure the text delivery parameters used when sending a text message.

- ◆ **Sending Options:** Lets you set the following parameters:
  - **Network Selection:** Select either the CS or PS domain.
  - **Character Support:** Select GSM alphabet, Unicode, or Automatic.
  - **Reply Path:** Allows the recipient of your message to send you a reply message using your message center, if your network supports this service.
  - **Delivery Report:** Provides a delivery report after sending a message.
  - **Keep a Copy:** Stores a copy of the messages you send in the Sent folder.
  
- ◆ **Text Message Center Settings:** Lets you set the default method of text message transmission used by the Text Message Center. Press the **Options** soft key, highlight **Edit** and press the Select soft key or the  key to access the following parameters:
  - **Center Address:** Specifies the phone number of the Text Message Center.
  - **Validity Period:** Specifies how long a message is valid. The message must be sent and received within the specified time period or it is removed from the text message server. Options are None, 1 Hour, 6 Hours, 12 Hours, 1 Day, 3 Days, 1 Week, 1 Month.
  - **Default Type:** Specifies the default format of text (SMS) messages (Text, Voice, FAX, X400, Email, ERMES).
  - **Name:** Specifies the name of the parameter profile. You can also rename profiles by selecting Rename from the **Options** soft key menu when viewing the list of profiles.
  
- ◆ **Picture Message:** Lets you configure the delivery parameters used when sending a picture (MMS) message.
  - ◆ **Sending Options:**
    - **Priority:** Specify a priority level for your messages (High, Normal, Low).
    - **Expiration:** Select the length of time you wish the message to remain on the MMS server (Maximum, 1 Day, 2 Days, 1 Week, 2 Weeks, Custom Time).

- **Delivery:** Set a time delay before the phone sends your messages (Immediately, 1 Hour, 1 Day, 1 Week, Custom Time).
  - **Hide Address:** Hides address information that is normally sent along with a message.
  - **Request Delivery Report:** When this option is enabled, the network informs you whether or not your message has been delivered.
  - **Request Read Report:** When this option is enabled, your phone sends a request for a reply along with your message to the recipient.
  - **Keep a Copy:** Specify whether you want to keep a copy of the sent messages on your phone.
  - **Add my Business Card:** Adds your business card to sent messages (see “My Business Card” on page 139).
- ◆ **Receiving Options:**
- **Home Network:** Lets you specify how messages are retrieved from the home network (Choose Auto Download, Manual, Reject).
  - **Roaming Network:** Lets you specify how messages are retrieved while roaming (Choose Auto Download, Manual, Restricted, Reject).
  - **Send Delivery Report:** Automatically sends notification to the network indicating whether or not the message was successfully delivered.
  - **Send Read Report:** Automatically sends notification to the recipient indicating that you received the message.
  - **Reject Anonymous:** Automatically rejects messages belonging to the Anonymous category.
  - **Reject Advertisement:** Automatically rejects messages belonging to the Advertisement category.
- ◆ **Picture Message Profiles:** Lets you select a connection profile to be used when connecting to a message server.
- ◆ **Message Size:** Specify the maximum allowable size of received messages (30 KB, 100 KB or 300 KB). Larger messages are not accepted.

- ◆ **Auto Resize Image:** Selects whether images are automatically resized to 100 KB, 300 KB, or not resized (No).
- ◆ **Creation Mode:** Specify how new media content is sent: Restricted, Warning, Free.
- ◆ **Default Style:** Specify the Font Color, Font Style, Background Color and Page Duration (for embedded media) settings for incoming messages.
- ◆ **Broadcast:** Broadcast messages are transmitted to all phones within the area.
  - **Activation:** Enables or disables the broadcast feature.
  - **Receiving Channels:** Lets you specify the channels from which the phone will accept broadcast messages. You can enable all channels or enter individual channels in the My Channels box.
  - **My Channels:** Lets you enable or disable your channels. You can create new channels by selecting the **Options** soft key, then **Create**. This option is not available if you selected All Channels in the previous option.
  - **Language:** Allows you to select your preferred language for display of cell broadcast messages. The choices are All, English or Français (French).
- ◆ **Voice/Video Mail:**
  - Specifies the phone number of the voice mail server that stores messages.
- ◆ **Push Message**
  - **Receiving Option:** Turn push message reception On or Off.
  - **Service Loading:** Specify how you want the phone to handle the loading of this service (Always, Prompt or Never).

## Browser Settings

Browser settings (Menu 9.7.2) lets you select a connection profile to be used when connecting to the Internet.

## Camera Settings

Camera settings (Menu 9.7.3) let you set the default preferences for camera functionality. Scroll left and right to view or change the settings within each option tab (General, Camera and Camcorder).

General settings include:

- ◆ **Shutter Sound:** Lets you select the shutter sound that indicates a picture has been taken. The sounds are previewed as you scroll through the options.
- ◆ **Default Storage:** Lets you set the default storage location for the photos taken with the phone to either Phone or Memory Card.

Camera settings include:

- ◆ **Quality:** Allows you to select the picture quality. Choose from High, Normal or Economy. Better quality photos require more file space.
- ◆ **Single Shot Mode:** Allows you to take a single photo and either review the photo after taking it (Take and Save) or return immediately to the viewfinder to take another (Automatic Save).

Camcorder settings include:

- ◆ **Quality:** Allows you to select video quality. Choose from High, Normal or Economy. Better quality videos require more file space.
- ◆ **Movie Format:** Selects the file format for saved video files (3GP or Mp4).

## Player Settings

Player settings (Menu 9.7.4) let you set the default playback options for the media player:

- ◆ **Play Mode:** Allows you to turn Shuffle on or off (plays songs in random order) and select whether to continuously Loop one song (Repeat 1), all songs (Repeat All), or not repeat songs (Off).

- ◆ **Play via:** Selects whether music is played via the Phone or a Bluetooth Headset.
- ◆ **Equalizer:** Optimizes sound equalization for Normal, Rock, Pop, Dance, Classic or Jazz music.

## VOD Settings

VOD Settings (Menu 9.7.5) allows you to view or change VOD (video on demand) settings, create a new settings profile or restore settings to default values. Press the **Options** soft key to access **Save, Edit, New, Rename, Delete** or **Restore**. See “Connections” on page 166 for a description of the available settings.

## Record Audio Settings

Record Audio settings (Menu 9.7.6) let you specify the following audio recording settings:

- ◆ **Default Name:** Lets you set a default name prefix for audio recordings made with the phone.
- ◆ **Recording Time:** Lets you specify the maximum allowable length of an audio recording made with the phone (1 Minute, 2 Minutes, 3 Minutes, 4 Minutes, 5 Minutes, 60 Minutes or Limit for MMS).

## Calendar Settings

Calendar settings (Menu 9.7.7) let you set the default settings for the weekly Starting Day (Sunday or Monday) and the Default View Mode (month, week or day).

## Contact Settings

Contact settings (Menu 9.7.8) let you set the defaults for the saving and viewing of contact information, including your own. You can also set up speed dialing.

- ◆ **My Business Card:** Allows you to create a Business Card file containing your contact information that can be sent to others for addition to their contact list. See “My Business Card” on page 139 for details.
- ◆ **Speed Dial:** Lets you assign phone numbers from your Contact list or from your FDN Contacts to speed dial numbers on the keypad. For more information on speed dial, see “Speed Dial List” on page 93.
- ◆ **Save New Contacts to:** Lets you specify the default save location for contact information (Phone Memory, SIM Memory or Always Ask).
- ◆ **View Contacts from:** Lets you specify which contact list you view by default (Phone Memory, SIM Memory or All).
- ◆ **Own Number:** Shows you the phone number(s) assigned to the SIM in your phone.
- ◆ **Service Number:** Opens the Service Number list.
- ◆ **Memory Status:** Allows you to view the amount of memory allocated and available for the following categories: Phone, SIM and FDN.

## Reset Settings

This menu (Menu 9.8) allows you to reset some or all of your phone settings to their default value. To reset phone settings:

1. Select one or more of the following reset options:
  - ◆ **All:** Resets all configuration options listed in this menu to their default values.
  - ◆ **Profiles:** Resets Sound Profile options to their default values. For more information on Profiles, see “Set Sound Profile” on page 141.
  - ◆ **Display Settings:** Resets only display options to their default values. For more information on Display settings, see “Set Display” on page 144.
  - ◆ **Phone Settings:** Resets only phone options to their default values. For more information on Phone settings, see “Set Phone” on page 148.

- ◆ **Alarms:** Clears alarm settings. For more information, see “Alarms” on page 121.
2. Press the **OK** soft key.
  3. Enter the 8-digit phone password and press the **Confirm** soft key.

## Set Memory

Memory settings (Menu 9.9) let you view memory status for your phone and clear the memory if necessary.

Clear memory (Menu 9.9.1) options include:

- ◆ **All:** Clears saved files from all categories listed in this menu.
- ◆ **Media:** Clears saved files from the My Files location.
- ◆ **Messages:** Clears files from the default message locations.
- ◆ **Contacts:** Clears saved contact entries.
- ◆ **Calendar:** Clears saved calendar input.
- ◆ **Tasks:** Clears saved task information.
- ◆ **Notes:** Clears saved notes.

To view memory usage, select **Memory Status** (Menu 9.9.2) and press the **Select** soft key. Select the memory location for which you want to view status and press the **Select** soft key. Press the **Back** soft key to return to the previous menu.

# Solving Problems

If you are experiencing problems with your phone, perform the following simple checks before contacting a service professional. This may save you the time and expense of an unnecessary service call.

## When you switch your phone on, one of the following messages appears

### Insert SIM Card

- ◆ Check that the SIM card is correctly installed.

### Phone Locked Enter Password

- ◆ The automatic locking function has been enabled. You must enter the phone's password before you can use the phone.

### Enter PIN

- ◆ You are using your phone for the first time. You must enter the Personal Identification Number (PIN) supplied with the SIM card.
- ◆ The PIN Check feature is enabled. Every time the phone is switched on, the PIN has to be entered. To disable this feature, use the **Check PIN Code** menu (see Security in "Set Phone" on page 148).

### Enter PUK

- ◆ The PIN code was entered incorrectly three times in succession and the phone is now blocked. Enter the PUK supplied by your service provider. Phones use both PIN1 and PIN2 codes, which require PUK1 and PUK2 codes to unblock. Make sure you know which PIN code is locked and apply the correct PUK code.

### “No service,” “Network failure” or “Not done” displays

- ◆ The network connection was lost. You may be in a weak signal area (in a tunnel or surrounded by buildings). Change location and try again.
- ◆ You are trying to access an option for which you have not taken out a subscription with your service provider. Contact the service provider for further details.

### You have entered a number but it was not dialed

- ◆ Have you pressed the  key?
- ◆ Are you accessing the right cellular network?
- ◆ Is Call Barring turned on? (see “Call Barring” on page 154 for more details).

### Your correspondent cannot reach you

- ◆ Is your phone switched on (the  key pressed for more than one second)?
- ◆ Are you accessing the right cellular network?
- ◆ Is Call Barring turned on? (see “Call Barring” on page 154 for more details).
- ◆ Has your phone been call forwarded to another number?

### Your correspondent cannot hear you speaking

- ◆ Have you switched off the microphone?
- ◆ Are you holding the phone close enough to your mouth? The microphone is located at the bottom of the phone.

### The phone starts beeping and “Low Battery” flashes on the display

- ◆ Your battery is insufficiently charged. Recharge the battery.

### The audio quality of the call is poor

- ◆ Check the signal strength indicator on the display (  ); the number of bars indicates the signal strength from strong (  ) to weak (  ).
- ◆ Try moving the phone slightly or move closer to a window if you are in a building.

### No number is dialed when you recall a Contacts entry

- ◆ Check that the number has been stored correctly, by using the Contact List Search feature.
- ◆ Store the number again, if necessary.

If the above guidelines do not help you to solve the problem, take note of:

- ◆ the model and serial numbers of your phone
- ◆ your warranty details
- ◆ a clear description of the problem

Then contact your local dealer or Samsung after-sales service.

# 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.

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- \*. 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-emf/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 0°C (32°F).

- ◆ 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. Shortcircuiting 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.

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**Note:** 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.

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## 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:

1. This device may not cause harmful interference, and
2. 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

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- \*. 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.

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.

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:

#### WCDMA850

◆ Head: 0.373 W/kg

◆ Body: 0.565 W/kg

#### WCDMA1900

◆ Head: 0.782 W/kg

◆ Body: 0.579 W/kg

#### GSM850

◆ Head: 0.478 W/kg

◆ Body: 1.31 W/kg

#### GSM1900

◆ Head: 0.243 W/kg

◆ Body: 0.569 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>

# STANDARD LIMITED WARRANTY

**What is Covered and For How Long?** SAMSUNG ELECTRONICS CANADA INC. (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/Pouch	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

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