

# SGH-T109 Series

P O R T A B L E   D U A L - B A N D  
M O B I L E   P H O N E

## User Manual

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



## Intellectual Property

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

## Samsung Telecommunications America (STA), LLC

Headquarters:	Customer Care Center:
1301 E. Lookout Drive	1000 Klein St.
Richardson, TX 75082	Plano, TX 75074
Toll Free Tel:	1.888.987.HELP (4357)
Internet Address: <a href="http://www.samsungusa.com">http://www.samsungusa.com</a>	

©2008 Samsung Telecommunications America, LLC is a registered trademark of Samsung Electronics America, Inc. and its related entities.

Do you have questions about your Samsung Mobile Phone?

For 24 hour information and assistance, we offer a new FAQ/ARS System (Automated Response System) at:

[www.samsungwireless.com/support](http://www.samsungwireless.com/support)

GH68-19286A

Printed in Korea



Openwave® is a registered Trademark of Openwave, Inc.

RSA® is a registered Trademark RSA Security, Inc.Disclaimer of Warranties; Exclusion of Liability.

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

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



## Table of Contents

---

<b>Section 1: Getting Started .....</b>	<b>4</b>
Activating Your Phone .....	4
Switching the Phone On or Off .....	8
Setting Up Your Voice Mail .....	9
<b>Section 2: Understanding Your Phone .....</b>	<b>10</b>
Features of Your Phone .....	10
Open View of Your Phone .....	11
Keys .....	11
Closed View of Your Phone .....	13
Display Layout .....	14
View Tab .....	15
Help .....	17
<b>Section 3: Call Functions .....</b>	<b>18</b>
Making a Call .....	18
Adjusting the Call Volume .....	20
Answering a Call .....	20
Call Records .....	20
Vibration Mode .....	23
Selecting Functions and Options .....	23
<b>Section 4: Menu Navigation .....</b>	<b>29</b>
Menu Navigation .....	29
<b>Section 5: Entering Text .....</b>	<b>31</b>
Changing the Text Input Mode .....	31
Using T9 Mode .....	32
Using ABC Mode .....	34
Using Number Mode .....	34
Using Symbol Mode .....	34

**Section 6: Understanding Your Phonebook .....36**

Using Contacts List .....	36
Storing a Number in the Phone's Memory .....	36
Storing your Phonebook on the SIM Card .....	37
Finding a Phonebook Entry .....	39
Dialing a Number from Phonebook .....	40
Adding a New Caller Group .....	40
Dialing a Number from the SIM Card .....	42
Deleting all of the Phonebook Entries .....	42
Speed Dialing .....	43
Block list .....	44
Management .....	44
Own Number .....	46
FDN List .....	46

**Section 7: Messages .....48**

Types of Messages .....	48
Text Messages .....	49
Picture Messages .....	51
Voice Note .....	53
Inbox .....	54
Outbox .....	58
Drafts .....	59
Templates .....	59
Voice Mail .....	60
Management .....	60
Broadcast Messages (SIM Card Dependent) .....	63
Instant Messaging (IM) .....	63

**Section 8: t-zones .....65**

t-zones .....	65
---------------	----

**Section 9: Fun & Apps .....69**

Files .....	69
Games .....	71
Organizer .....	72
Synchronization .....	79

<b>Section 10: Changing Your Settings .....</b>	<b>83</b>
Sound Settings .....	83
Display Settings .....	85
Phone Settings .....	88
Security .....	89
Call Settings .....	92
Synchronization .....	96
<b>Section 11: Health and Safety Information .....</b>	<b>99</b>
Health and Safety Information .....	99
Samsung Mobile Products and Recycling .....	100
UL Certified Travel Adapter .....	100
Consumer Information on Wireless Phones .....	101
Road Safety .....	107
Responsible Listening .....	108
Operating Environment .....	110
Using Your Phone Near Other Electronic Devices .....	111
Potentially Explosive Environments .....	112
Emergency Calls .....	112
FCC Notice and Cautions .....	113
Other Important Safety Information .....	113
Product Performance .....	114
Availability of Various Features/Ring Tones .....	115
Battery Standby and Talk Time .....	115
Battery Precautions .....	115
Care and Maintenance .....	116
<b>Section 12: Warranty Information .....</b>	<b>118</b>
Standard Limited Warranty .....	118
<b>Index .....</b>	<b>122</b>

## Section 1: Getting Started

---

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

### Activating Your Phone


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

### Installing the SIM Card

---

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

---

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

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



2. Carefully lift the battery cover away from the bottom of the phone.
3. Lift and remove the battery.



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




---

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

---



**5. Replace the battery:**

- (1) Slide the battery back into the compartment so that the tabs on the end align with the slots at the bottom of the phone.
- (2) Press the battery down until it clicks into place.



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



## Charging a Battery

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

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

---

**Note:** You must fully charge the battery before using your phone for the first time. A discharged battery recharges fully in approximately 4 hours.

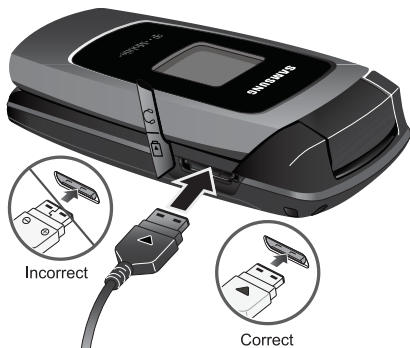
---

1. With the battery installed, temporarily remove the plastic cover on the right side of the phone and plug in the wall charger's connector into the jack.

---

**Important!** Verify that the handset battery is installed prior to connecting the wall charger. If the battery is not installed and the wall charger is connected the handset power cycles continuously preventing proper operation.

---



---

**Note:** The Previous illustration displays the **incorrect** method for connecting the charger. If attempted, damage to the accessory port will occur therefore voiding the phone's warranty.

---

2. Plug the adapter's power plug into a standard AC wall outlet.
3. When charging is finished, first unplug the adapter's power plug from the AC wall outlet and then disconnect the wall charger's connector from the phone.

---

**Note:** Failure to unplug the wall charger before you remove the battery, can cause the phone to become damaged.




---

### **Low Battery Indicator**

When the battery is weak and only a few minutes of talk time remain; a warning tone sounds and the "Battery low" message repeats at regular intervals on the display. In this condition, your phone conserves its remaining battery power, not by turning off the backlight, but by entering the dimming mode.

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

### **Switching the Phone On or Off**


1. Press and hold the  key until the phone switches on.
2. If the phone asks you to enter the phone password, use the keypad to enter this password and press either the **OK** soft key or the  key.
3. If the phone asks for a PIN, use the keypad to enter the PIN and press either the **OK** soft key or the  key. For more information, refer to "Check PIN Code" on page 91.

The phone searches for your network and after finding it, the term "T-Mobile" displays on the upper left half of your display. Now you can make or receive calls.

---

**Note:** The display language is preset to English at the factory. To change the language, use the Language menu. For more information, refer to "Language" on page 89.

---

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

## Setting Up Your Voice Mail

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

1. In Idle mode, press and hold the **1 SP** key on the keypad.

You may be prompted to enter a password.

2. Follow the tutorial to create a password, a greeting, and your name.

---

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

---

## Accessing Your Voice Mail

You can access your Voice Mail by either pressing and holding the **1 SP** key on the keypad or by using the phone's menu. To access Voice Mail using the menu:

1. In Idle mode, press the **Menu → Messages** and press the **Select** soft key or the **OK** key.
2. Highlight **Voice mail** and press the **Select** soft key or the **OK** key.
3. Press the **Call** soft key. Your phone dials the specified voice mail number.
4. When connected, follow the voice prompts from the voice mail center.



## Section 2: Understanding Your Phone

---

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

### Features of Your Phone

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

- User friendly, menu driven access to features and options
- Instant Messaging capability
- Fun & Apps feature provides Files, Games, Organizer, Alarm, Calendar, Tasks, Calculator, Tip calculator, World Time, Synchronization, Unit conversion, Timer, and Stopwatch.



## Open View of Your Phone

The following illustrations show the main elements of your phone:



## Keys

The following list correlates to the illustrations.

1. **Earpiece** allows you to hear the other caller and the different ring tones or sounds offered by your phone.
2. **Left Soft key** allows you to select soft key actions or menu items corresponding to the bottom left line on the display screen.
3. **Send key** allows you to make or answer a call. Press and hold to add a new contact.

4. **Voice mail key** allows you to quickly access your voice mail. Press and hold this key to automatically dial your voice mail's phone number.
5. **Special Function keys** allow you activate unique features while in Idle mode. In Idle mode, press and hold the # key to activate Vibration Mode.
6. **Microphone** is used during phone calls and allows other callers to hear you clearly when you are speaking to them. It is also used to make voice note recordings.
7. **Alphanumeric keys** allow you to enter numbers, letters, and some special characters.
8. **Cancel/Clear** key deletes characters from the display. In Menu mode, pressing this key displays the previous menu level.
9. **Power-on/Off (Exit) key** ends a call. Press and hold for two seconds to turn the phone on or off. While in the Menu mode, it returns the phone to Idle mode and cancels your input.
10. **Right Soft key** allows you to select soft key actions or menu items corresponding to the bottom right line on the display screen. It also provides quick access to t-zones.
11. **OK (Select) key** allows you to accept the choices offered when navigating through a menu.
12. **Navigation key** scrolls through the phone's menu options and acts as a shortcut key in Idle mode. In Menu mode, scrolls through the phone's menus and Phonebook.

In Idle mode:

- **Down key:** allows you to directly access your Contact list.
- **Up key:** allows you to quickly access your Call records.
- **Left key:** allows you to directly access Text messaging (New Message).
- **Right key:** allows you to directly access Voice notes.

---

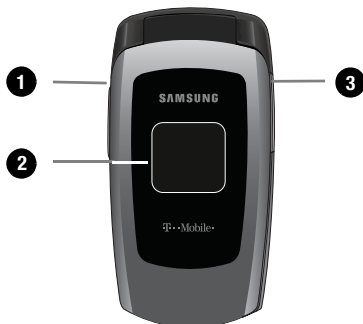
**Tip:** When entering text, use the Left or Right Navigation key to mark the position of the cursor.

---

13. **Display** shows all the information needed to operate your phone, such as the received signal strength, phone battery level, date, and time.

## Closed View of Your Phone

The following illustrations show the external elements of your phone:

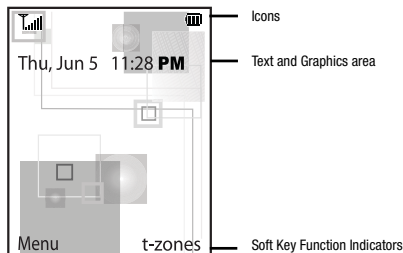


1. **Volume keys** allow you to adjust the ringer volume in standby mode (with the phone open) or adjust the voice volume during a call. When receiving an incoming call, pressing the volume key mutes the ring tone. Press and hold the volume key to reject a call.
2. **External display** shows the received signal strength, phone battery level, the date and time.
3. **Power/Accessory Interface connector** allows you to connect a power cable or optional accessories such as a USB/data cable or a hands-free headset for convenient, hands-free conversations.












## Display Layout

Your display screen provides a wealth of information about the phone's status and options. The display has 3 areas:



### Icons

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

-  Displays the received signal strength. The greater the number of bars, the stronger the signal.
-  Displays the level of your battery. The more bars you see, the more power you have remaining.
-  Displays when a new text message was received
-  Displays when a new voice mail was received
-  Displays when a new picture message was received.
-  Displays when you set an alarm to ring at a specified time. For more details, see *"Alarm"* on page 73.
-  Displays when you are out of your service area.
-  Displays when a call is in progress.
-  Displays when Call Forwarding is active. For more details, see *"Call Forwarding"* on page 94.



Displays when you set the phone volume to Vibration Mode.



Displays when Incoming call is set to Increasing Melody.



Displays when Incoming call is set to Increasing and vibration.



Displays when Incoming call is set to Melody and vibration.



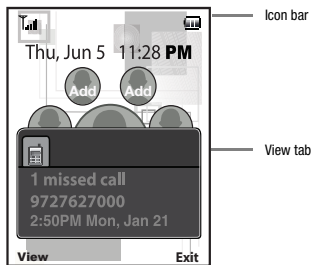
Displays when Incoming call is set to Vibration then melody.



Displays when Incoming call is set to Melody then vibration.

## View Tab

When you receive new messages, icons display in two locations: on the phone's screen, View Tab, and in the icon bar at the top of the screen (see *"Display Layout"* on page 14.)



### View Tab icons:

Following are the icons that display on the view tab:



Displays when a new text message was received.



Displays when you missed a call.



Displays when a new voice mail was received.







Displays when a new picture message was received.

### Backlight

A backlight illuminates the internal display and the keypad. When you press any key, the backlight turns on. Backlight turns off when no keys are pressed within a given period of time, depending on the **Backlight** menu setting. The display turns off after one minute to conserve battery power.





The **On** setting is how long the keypad backlight is on. The **Dim** option is the length of time after the keypad backlight goes off that the display remains lit.

To specify the length of time the backlight is active, access the **Backlight** menu:

1. In Idle mode, press **Menu** → **Settings** and press the **Select** soft key or the  key.
2. Highlight **Display settings** and press the **Select** soft key or the  key.
3. Highlight **Backlight** and press the **Select** soft key or the  key.
4. Select **Duration** and press the **Select** soft key or the  key.
5. In the **On** field, select one of the following backlight durations: 10 sec, 30 sec, 1 min, 3 min, or 10 min.
6. Press the **Down** Navigation key to highlight the **Dim** option. Select the time the Dimming mode is on. Choose between Off, 5 sec, 30 sec, 1 min, or 3 min.
7. Press the **Save** soft key to retain your new settings.

## Brightness

After you set the backlight duration, set the brightness levels.

1. In Idle mode, press **Menu** → **Settings** and press the **Select** soft key or the  key.
2. Highlight **Display settings** and press the **Select** soft key or the  key.
3. Highlight **Backlight** and press the **Select** soft key or the  key.
4. Select **Brightness** and press the **Select** soft key or the  key.
5. Use the **Left** or **Right Navigation** key to select the Brightness level.
6. Press the **Save** soft key to confirm your selection.


## Display

Your phone has a display on the front of the phone which indicates when you have an incoming call or message. It also alerts you at a specified time when an alarm was set by turning on the backlight and displaying a corresponding icon on the screen.

The display shows the current time and date on a digital clock.

## Help

Help is designed to work with t-zones to display some of the unique features of your phone. You can search help files on the fly while traveling, at home or anywhere, using [help.wap.t-mobile.com](http://help.wap.t-mobile.com).

1. In Idle mode, press **Menu** → **Help** and press the **Select** soft key or the  key.
2. The **T-Mobile Help** menu displays with the following options available:
  - **Browse Help Topics**: this option gives you a list of different topics from which you can select.
  - **Enter a Search**: this option allows you to search based on a keyword.
  - **My Account**: this option provides you with account specific information such as your current status, current activity, Bill Summary, Plan & Services, Voicemail Settings, Find a Retail Store, and FAQ's & Info.
  - **About**: this option offers general information about T-Mobile Help including concept and site design, copyright information, and contact e-mail address.

---

**Note:** The menus may vary, depending on your t-zones subscription.

---


For more information on browser options, see *"Selecting and Using Menu Options"* on page 66.

## Section 3: Call Functions

---

This section describes how to make or answer a call. It also explains the features and functionality associated with making or answering a call. For more information on Ringtones see see “*Ring tone*” on page 83. For more information on Call Forwarding see “*Call Forwarding*” on page 94.

### Making a Call



- In Idle mode, enter the number you wish to dial and press the  key.

---




**Note:** When you activate the **Auto redial** option in the Call settings menu, the phone automatically redials up to 10 times when the person does not answer the call or is already on the phone, provided your call is not sent to voice mail. For more information, refer to “*Auto Redial*” on page 93.

---

### Making an International Call

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

### Correcting the Number

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



### Ending a Call

- Briefly press the  key to end the call.

### **Redialing the Last Number**

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

To recall any of these numbers:

1. If you typed characters on the display, press the  key to return to Idle mode.
2. Press the **Up Navigation** key to display the **Call records**. All calls is the default but you can use the **Left** and **Right Navigation** key to scroll to **Outgoing calls** or **Incoming calls** (a list of the most recently used numbers in the order you dialed or received them).
3. Scroll through the numbers and highlight the number you want.
4. To view details of the number, press the  key.

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

- **Call back**: Places a call back to the number.
- **Send message**: Allows you to send a Text message, Send picture, or Voice note to the number.
- **Save to Phonebook**: Stores the number in your Phone memory or your SIM card.
- **Delete**: Allows you to delete the highlighted number or all call records.
- **Add to block list**: adds the selected contact to block (call) list.

5. Press the  key to dial the number.

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



You can store regularly used phone numbers into the phone's memory or onto your SIM card. These entries are collectively called the Phonebook.

Once you have stored a number in the Phonebook, you can dial it by pressing only a few keys. You can also assign your most frequently-used numbers to number keys using the Speed Dial feature.

For further details about the Phonebook feature, see *"Understanding Your Phonebook"* on page 36.

## Adjusting the Call Volume

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


- Press the  key to increase the volume level and the  key to decrease the level.


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

## Answering a Call


When somebody calls you, the phone rings and displays the incoming call image.

The caller's phone number, or name if stored in Phonebook, displays.


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

If the **Anykey answer** option in the **Call Settings** menu is activated, you can press any key to answer a call except for the  key and the **Reject** soft key.

---

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

---

2. End the call by pressing the  key.


---

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


---

## Call Records

All incoming, outgoing and missed calls are listed in the Call Records. You can also view Call time records.

1. In Idle mode, press **Menu** → **Call records** and press the **Select** soft key or the  key.

---

**Note:** You can also access the call records of incoming, outgoing, and missed calls by pressing the  key while in Idle mode.

---

The following Call Record options are available:

### **All calls**

This menu lets you view the 60 most recent calls you received, dialed, and missed.

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

---

**Note:** At any time while you are in Call Records, you may use the **Up** or **Down** Navigation keys to scroll between **All calls**, **Missed calls**, **Incoming calls**, and **Outgoing calls**.

---

### **Missed calls**

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

#### **Viewing Missed Calls**


When you are unable to answer a call for any reason, you can find out who is calling you, if this service is available, so that you can call the person back.

The number of calls you missed displays on the idle screen immediately after a call is missed.

To view a missed call immediately:


1. If the display is off, press the volume key to turn the display on.
2. Press the **View** soft key.

The number corresponding to the most recently missed call displays, if available.

3. Scroll through the missed calls.
4. Press the  key to call the displayed number.
5. Press the **Options** soft key for the following options:
  - **Call back** Allows you to call the sender of the message.
  - **Send message:** Allows you to send a Text message, Send picture, or Voice note back to the missed number.
  - **Save to Phonebook:** Stores the number in your phone memory or your SIM card.



- **Delete:** Allows you to delete the selected number or delete all call records.
- **Add to block list:** adds the selected contact to block (call) list.

You can press the  key at any time to exit the Missed Call feature.

### **Incoming calls**

This menu lets you view the 30 most recent calls you received.

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



### **Outgoing calls**

This menu lets you view the 30 most recent calls you dialed.

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

### **Delete**

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

1. Highlight the number in the Call records list to delete and press the **Options** soft key.
2. Select **Delete** and press the Right Navigation key.
3. Highlight **Selected** or **All** and press the  key.
4. When a confirmation message displays, press the **Yes** soft key or  key to confirm, or press the **No** soft key to cancel.

### Call time

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

---

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

---



1. In Idle mode, press **Menu** → **Call records** → **Call time** and press the **Select** soft key or the  key.

The following time logs are available:

- **Last call time:** shows the length of your last call.
- **Total outgoing:** shows the total length of all calls you have made since the timer was last reset.
- **Total incoming:** shows the total length of all calls you have received since the timer was last reset.
- **Life time:** shows the total length of time for both incoming and outgoing calls. The length of call time must be at least 1 minute to increment this field. You cannot clear this information.

### Vibration Mode

Vibration Mode is convenient when you wish to stop the phone from making any noise, in a theater for example.

In Idle mode, press and hold the  key until the “Vibration Mode On” message and the Vibration icon () displays. In Vibration Mode, instead of sounds, your phone vibrates.

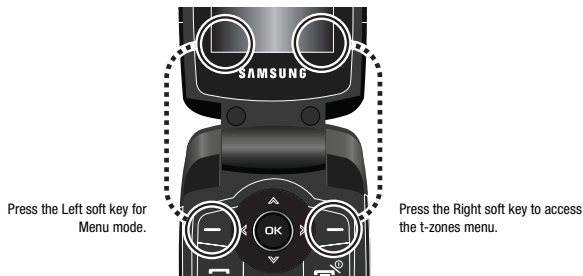
To exit and reactivate the previous sound settings, press and hold the  key again until the “Exit Vibration Mode” message displays. The Vibration Mode icon () no longer displays.

### Selecting Functions and Options

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

## Soft Keys

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



## Selecting Options

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

1. Press the appropriate soft key.
2. To select the function displayed or the option highlighted, press the **Select** soft key or the **OK** key.
3. To view the next function or highlight the next option on a list, press the **Down** Navigation key.
4. To move back to the previous function or option on a list, press the **Up** key.
5. To move back up one level in the menu structure, press the **Back** soft key.
6. To exit the menu structure without changing the settings, press the **Exit** key.

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

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

### **Options During a Call**

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

#### **Switching off the Microphone (Mute)**

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

---

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

---

To switch the microphone off temporarily:

- ▶ Press the **Mute** soft key. The other person can no longer hear you. The Mute icon displays at the bottom left of the screen.


To switch the microphone back on:

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


#### **Putting a Call on Hold**

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

To place a call on hold:


1. Press the **Options** soft key, highlight **Hold**, then press the **Select** soft key or the  key.
2. You can reactivate the call whenever you want, by pressing the **Resume** soft key.

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

1. Enter the phone number that you wish to dial or look it up in the Contact list.
2. Press the  key to dial the second call.

The first call is automatically put on hold.


- Or -

Press the **Options** soft key and select **Hold** and press the  key. This places the currently active call on hold and allows to make a new call.

3. Make the second call in the normal way.

When you have both an active call and a call on hold, you may switch between the two calls by placing the current held call to active and then placing the other on hold.

To switch between the two calls:

1. Press the **Options** soft key, select **Swap**. The current active call is placed on hold and the call on hold is then reactivated so that you can continue conversing with that person.
2. To finish, end each call normally by pressing the  key.

### Using the Speakerphone

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

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

### Muting or Sending Key Tones

These options allow you to turn the key tones off or on. If the **Mute keys** option is selected, your phone does not transmit the DTMF (Dual Tone Multi-Frequency) tones of the keys, which then allows you to press keys without hearing annoying key tones during a call.


---

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

---

### Searching for a Number in the Phonebook

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

1. Press the **Options** soft key.
2. Highlight **Phonebook** and press the  key.

With the Phonebook entries displayed:

3. Enter the name that you wish to find in the textbox located above the entries. If you enter the first few letters of the name, the Phonebook entries are listed starting with the first entry matching your input.

Or, highlight the contact that you desire.

4. To view the highlighted entry, press the **View**  soft key.

The Contact information displays.





For further details about the Phonebook feature, see *“Finding a Phonebook Entry”* on page 39.

### Call Waiting

You can answer an incoming call while you have a call in progress, if this service is supported by the network and you must have previously set the Call waiting option to **Activate**. For more information, refer to *“Call waiting”* on page 95.

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

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


1. Press either the **Accept** soft key or the  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, highlight **Swap** and press the **Select** soft key or the  key.
3. To end a call on hold, press the **Options** soft key and select the **End held call** option. Then press the **Select** soft key or the  key.
4. To end the current/remaining call, press the  key.

### Making a Multi-Party Call

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

For further details about subscribing to this service, contact T-Mobile customer service.



### Setting up a Multi-Party Call

1. Call the first participant in the normal way.
2. Press the **Options** soft key and select the **New call** option.
3. Call the second participant in the normal way. The first call is automatically put on hold.
4. To join the first participant to this multi-party call, press the **Options** soft key and select **Join**. Press the **Select** soft key or the  key.

---

**Note:** These first two calls display with an adjacent number that corresponds to the order in which the calls were made.

---

5. To add a new person to a second multi-party call group, press the **Options** soft key to call the new person, then select the **New Call** option.
6. Press the **Options** soft key or the  key. Select the **Join** option and press the **Select** soft key or the  key.


---

**Note:** A maximum of two callers can be joined to a single multi-party line. Additional callers participate in a new Multiparty session and held in conjunction with the previous multiparty call. You can swap or place each multi-party call on hold.

---

### Having a Private Conversation With One Participant

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


1. Press the **Options** soft key, choose the **Split** option and press the Right Navigation key.
2. Select the number to which you want to talk privately and press the **Select** soft key or the  key.

Now you can talk only to that person. The other participants can continue to converse with each other.




---

**Note:** You can now talk privately to that person while the other participants can continue to converse with each other. If there is only one other participant, that person is then placed on hold.

---

3. To return to the multi-party call, press the **Options** soft key and select **Join**. Press the **Select** soft key or the  key. All of the multi-party call participants can now hear each other.

### Dropping One Participant

1. Press the **Options** soft key and choose the **Remove** option then press the Right Navigation key.
2. Highlight the number you wish to remove from the multiparty call and press the **Select** soft key or the  key. The remaining participant on hold is highlighted. Pressing the **Select** soft key or the  key ends their call, but allows you to continue talking to the other participants.
3. When you want to end the multi-party call, press the  key.

## Section 4: Menu Navigation



---

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




### Menu Navigation

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

#### Accessing a Menu Function by Scrolling

1. In Idle mode, press the **Menu** soft key to access the Menu mode.
2. Scroll using the Navigation keys to reach a main menu (for example: **Settings**).
3. Press the **Select** soft key or the  key to enter the menu.
4. If the menu contains sub-menus, for example: **Security**, you can access them by pressing the **Select** soft key or the  key after highlighting the sub-menu.

If the menu that you selected contains further options, repeat this step.

5. To scroll through the menus, press the Navigation keys.
6. To confirm the chosen setting, press the **Select** soft key, or the  key.
7. To return to the previous menu level, press the **Back** soft key, or the  key.
8. To exit the menu without changing the settings, press the  key.



### ***Using Shortcuts***

The menu items, such as menus, sub-menus, and options, are numbered and can be accessed quickly by using their shortcut numbers. For the main menus, you can access any one of them by pressing the number keys (1 to 0 or \* and #) corresponding to their location on the screen.

---

**Example:** Accessing the Security menu.

---

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

## Section 5: Entering Text

---

This section outlines how to select the desired text input mode when entering characters into your phone. This section also describes how to use the T9 predictive text entry system to reduce the number of key strokes associated with entering text.

### Changing the Text Input Mode

When using your phone, you often need to enter text, such as when storing a name in your Phonebook, creating your personal greeting or scheduling events on your calendar. You can enter alphanumeric characters by using your phone's keypad.

Your phone has the following text input modes:

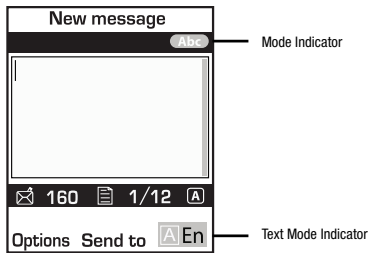
- **T9 mode:** this mode allows you to enter words with only one keystroke per letter. Each key on the keypad has more than one letter; for example, pressing **5 ML** can enter J, K, or L. However, the T9<sup>®</sup> mode automatically compares the series of keystrokes you make with an internal linguistic dictionary to determine the most likely word, thus requiring far fewer keystrokes than the traditional ABC mode.
- **ABC mode:** this mode allows you to enter letters by pressing the key labeled with the letter you want.
- **Number mode:** this mode allows you to enter numbers.
- **Symbol mode:** this mode allows you to enter symbols, such as punctuation marks.

When you are in a field that allows character entry, the text input mode indicator displays on the bottom right of the screen.

---

**Example:** Writing a text message.

---



1. To change the text input mode, press the **Right** soft key. A text mode indicator screen displays with the following options:
  - T9 (English)
  - ABC mode
  - Number
  - Symbol
2. Highlight the text mode you desire and press the **Select** soft key or the **OK** key.

### Using T9 Mode

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

To enter a word in T9 mode:

1. When you are in T9 mode, start entering a word by pressing the **2 to 9** keys. Press each key only once for each letter.


---

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

---

The word that you are typing displays on the screen. It may change with each consecutive key that you press.

2. Enter the whole word before editing or deleting the keystrokes.
3. When the word correctly displays, go to step 4.

If the word doesn't display correctly, press the  key to display alternative word choices for the keys that you have pressed.




---

**Example:** Both the words "Of" and "Me" have the 6 and 3 keys. The phone displays the most commonly used choice first.

---


4. Insert a space by pressing the  key and start entering the next word.

To add a new word into the T9 dictionary:





1. After pressing the keys corresponding to the word you want to add, press the  key to display the alternative words.
2. When you press the  key after the last alternative word, the display shows **Spell** on the bottom left line. Press the **Spell** soft key.
3. Enter the word you want to add using ABC mode. For more information, refer to "*Changing the Text Input Mode*" on page 31.
4. Press the **OK** soft key or the  key after you finish entering the new word.

The word is added to the T9 dictionary and becomes a word for the associated keypress series.

---

**Note:** This feature may not be available for some languages. The 1 key has some emoticons associated with it. To enter other special characters within the T9 mode, press and hold the  key to cycle through these characters.

---

- To enter periods, hyphens, and other special characters, press and hold the  key and then press the corresponding key on the keypad to cycle through these available characters. T9 mode applies grammar rules to ensure that correct punctuation is used.
- To shift case in T9 mode, use the  key. There are 3 cases: Initial capital, Capital lock, and Lower case.
- You can move the cursor by using the Navigation keys. To delete letters, press the  key. Press and hold the  key to clear the display.

## Using ABC Mode

To use ABC mode, use the **2** to **9** keys to enter your text.


1. Press the key labeled with the letter you want:
  - Once for the first letter, twice for the second letter, and so on





## Using Number Mode



The Number mode enables you to enter numbers into a text message.

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

## Using Symbol Mode

Symbol mode enables you to insert symbols and punctuation marks into text. To display a list of symbols press and hold the  key.

1. To select a symbol, press the corresponding number key.
2. To display more symbols, press the Navigation keys.
3. To clear the symbol(s), press the  key. When the input field is empty, this key returns the display to the previous mode.
4. To insert the symbol(s) into your message, press the **OK** soft key or the  key.
5. Select the other letters in the same way.
  - To enter periods, hyphens, apostrophes, and other special characters, press the  key. ABC mode applies grammar rules to ensure correct punctuation.
  - To shift case in ABC mode, use the  key. There are 3 cases: Initial capital, Capital lock, and Lower case.

You can move the cursor by using the Navigation keys. To delete letters, press the  key. Press and hold the  key to clear the display.

---

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

---

## Keys

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

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



.@, - ? ! : ( ) / 1



P Q R S 7 (p q r s 7)



A B C 2 (a b c 2)



T U V 8 (t u v 8)



D E F 3 (d e f 3)



W X Y Z 9 (w x y z 9)



G H I 4 (g h i 4)



Adds a space



J K L 5 (j k l 5)



Symbol (press and hold to switch to Symbol mode)



M N O 6 (m n o 6)



Shift (Toggles Initial capital, Capital lock, and Lower case.)

## Section 6: Understanding Your Phonebook

---

This section explains how to use and manage your Phonebook. You can save phone numbers to your phone's memory or to your SIM card.

### Using Contacts List

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

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

The default storage location for saving phone numbers to your phonebook is your phone's built-in memory. The first time you use the Phonebook feature your phone prompts with the following "Would you like to store a copy of your contacts on My.T-Mobile.com so you can view and manage your contacts online?" Responding with Yes copies the information stored on your SIM card to your phone's memory and then synchronizes with T-Mobile's network. After the initial use of this feature, additional, new contact information stores directly to the phone's memory and synchronizes with T-Mobile's network during predetermined, timed intervals.

---



**Note:** For more information, refer to "*Synchronization*" on page 79.

---

---

**Note:** When storing a Phonebook entry into your SIM card, note that only the Name, and Number are saved. To save additional information for a particular contact, such as notes, e-mail, dates, etc., it is important to save that Contact into your phone's onboard memory.

---

1. In Idle mode, press **Menu** → **Phonebook** and press the **Select** soft key or the  key.
2. Scroll to **Add new contact** and press the **Select** soft key or the  key.
3. Enter a first name in the **First Name** text box. Tab to the next text box by pressing the **Down** key.


For further details about how to enter characters, see "*Using ABC Mode*" on page 34.

4. Enter a last name in the **Last Name** text box.
5. Highlight a number Type, then enter a number in the text box.

The following types are available:

- **Mobile:** assigns the number entered to the Mobile entry.

- **Home:** assigns the number entered to the Home entry.
- **Office:** assigns the number entered to the Office entry.
- **Picture ID:** allows you to add a Picture ID assigned to the contact.
- **Ringtone:** allows you to choose from Default melodies, Voice list, or Sounds.
- **E-mail:** allows you to enter an email address.
- **Fax:** assigns the number entered to the Fax entry.
- **Other:** allows you to enter more detailed information for the entry.
- **Group:** allows you to assign this contact to a group.
- **Notes:** allows you to enter additional information about the contact. Up to 50 characters.

6. Press the **Save** soft key. The number saves to your phone and the new contact information displays.
7. Press the  key to return to Idle mode.






## Storing your Phonebook on the SIM Card

The default storage location for saving phone numbers to your phonebook is your phone's built-in memory. To save a number to your SIM card, you need to change the **Default Saving** option first.

---

**Note:** When you copy a phone number from your SIM card to your phone, the number displays twice in your Contact list.

---

1. In Idle mode, press **Menu → Phonebook** and press the **Select** soft key or the  key.
2. Scroll to **Management** and press the **Select** soft key or the  key.
3. Highlight **Default saving** and press the **Select** soft key or the  key.
4. Highlight **SIM card** and press the **Select** soft key or the  key.
5. Press the **Back** soft key until you return to the main screen (Idle mode) or press the  key.

---

**Note:** You can also set the **Default saving** option to **Ask on saving** in the **Management** menu. With this option, you are prompted for the storage location each time you add a new contact.

---



---

**Important!** When you synchronize your phonebook the **Default saving** option is no longer a selectable option.

---



If your phone is set up to store contacts to your SIM card, follow this procedure to store a number.

1. In Idle mode, press **Menu** → **Phonebook** and press the **Select** soft key or the  key.
2. Highlight the **Add new contact** option and press the **Select** soft key or the  key.
3. Enter a name for your contact into the **Name** field. A SIM card entry only has **one** available name field.
4. Press the **Down** Navigation key and enter a phone number in the **Number** field.

For further details about how to enter characters, see *“Using Number Mode”* on page 34.

5. Press the **Save** soft key or the  key. The number saves on your SIM card.

After storing, the phone displays the new Phonebook entry.

6. To use the entry options before saving the number, highlight the **Name** field and press the **Options** soft key.


The following options are available:

- **Select language:** allows you to select between English, Français, and Español.
- **Cancel:** cancels the Add new contact screen and returns you to the previous menu.

7. To use the entry options after saving the number, press the **Options** soft key.

The following options are available:



- **Edit:** allows you to edit the name and number fields in the entry.
- **Send message:** allows you to send a message to the selected number. You may choose between Text message, Send picture, or Voice note.
- **Assign speed dial:** allows you to set this contact to a speed dial number (2-9).
- **Send name card via:** allows you to send your name card via Text message or Picture message.
- **Delete:** allows you to delete the name and number from Phonebook. You are then asked to confirm that you wish to delete the name and number by pressing the **Yes** soft key. To cancel, press the **No** soft key.
- **Copy to phone:** allows you to copy the selected contact entry to the Phone.
- **Add to block list:** adds the selected number to the block list.

8. When you are finished, press the  key to return to Idle mode.

## Finding a Phonebook Entry

You can store phone numbers and their corresponding names onto either your SIM card or phone's built-in memory. They are physically separate but are used as a single entity, called Phonebook.

Depending on the storage size of the particular SIM card, the maximum number of phone numbers the card can store may differ.

1. In Idle mode, press **Menu** → **Phonebook** and press the **Select** soft key or the  key.
2. Highlight **Contact list** and press the **Select** soft key or the  key.

---

**Note:** Any contacts which were stored onto the SIM card displays with a SIM card icon to the right of the entry. Any contacts which were stored onto the phone display with a phone icon to the right of the entry.


---

3. Enter the first few letters of the name in the text box.

The Phonebook entries are listed, starting with the first entry matching your input.

-Or-

Highlight the entry you want.

4. Once you have found the entry, press the  key to dial the number, or press the **Options** soft key to access the following Phonebook entry options:
  - **Edit:** allows you to edit the Name and number for the selected contact.
  - **Send message:** allows you to send a message to the selected number. You may choose between Text message, Send picture, or Voice notes.
  - **New contact:** takes you to the Add new contact menu.
  - **Call:** dials the number for the selected contact.
  - **Assign speed dial:** allows you to assign a speed dial key number to the selected Phonebook entry.
  - **Send name card via:** allows you to send your name card via Text Message or Picture Message.
  - **Delete:** allows you to delete the selected name and number from your Phonebook or delete multiple numbers. You are asked to confirm that you wish to delete the name and number by pressing the **Yes** soft key. To cancel, press the **No** soft key.
  - **Add to block list:** adds the selected contact to the block (call) list.

- **Copy to Phone/SIM card:** allows you to copy the selected contact entry or all contact entries to the Phone or SIM card. Depends on where the entry was originally created.

- **Select language:** allows you to select between English, Français, and Español.

5. If you selected the **View** option from the above listing, press the **Options** soft key after the contact information displays, for these additional options:

- **Edit:** allows you to edit the name and number fields in the entry. You can also add an e-mail address and notes.

- **Send message:** allows you to send a message to the selected number. You may choose between Text message, Send picture, or Voice note.

- **Assign speed dial:** allows you to assign a speed dial key number to the selected Phonebook entry.

- **Send name card via:** allows you to send your name card via Text Message or Picture Message.

- **Delete:** allows you to delete the selected name and number from your Phonebook. You are then asked to confirm that you wish to delete the name and number by pressing the **Yes** soft key. To cancel, press the **No** soft key.

- **Copy to Phone/SIM card:** allows you to copy the selected contact entry to the Phone or SIM card. Depends on where the entry was originally created.

- **Add to block list:** adds the selected contact to the block (call) list.

## Dialing a Number from Phonebook




Once you have stored phone numbers in the Phonebook, you can dial them easily and quickly by using the location numbers that were assigned to them in the Phonebook.




---

**Note:** If you cannot remember a location number, you must go into the Contact list menu in the **Phonebook** menu to search for the entry by name. For more information, refer to *"Finding a Phonebook Entry"* on page 39.





---

## Adding a New Caller Group


1. In Idle mode, press **Menu** → **Phonebook** and press the **Select** soft key or the  key.
2. Highlight the **Groups** option and press the **Select** soft key or the  key.
3. Press the **Options** soft key, select the **Create new group** option and press the **Select** soft key or the  key.
4. Enter a name for the new group in the **Name** field.

5. Highlight the **Picture ID** field and press the  key to create a Picture ID for this new caller group. Select from one of the following options:
  - **Downloaded images:** displays a list of downloaded images from which to select as a Caller ID.
  - **Icons:** displays a list of predefined Caller ID icons. Press the **Right** or **Left** Navigation key to display pages of icons from which to choose.
6. Highlight the **Ringtone** field and press the  key to create a ringtone for this new caller group. Select from one of the following options:
  - **Default melodies:** displays a list of default melodies from which to select as a ringtone.
  - **Voice list:** displays a list of voice messages from which to select as a ringtone.
  - **Sounds:** displays a list of sounds from which to select as a ringtone.
7. Press the **Save** soft key when you are finished. Your Caller group settings save.
8. Press the  key to return to Idle mode.


### **Editing a Caller Group**

1. In Idle mode, press **Menu** → **Phonebook** and press the **Select** soft key or the  key.
2. Highlight the **Groups** option and press the **Select** soft key or the  key.
3. Scroll through the group list and highlight the group you want, then press the **Options** soft key.
4. Highlight the **Edit** option and press the **Select** soft key or the  key.
5. To edit the Caller group name, modify the text in the **Name** text box.
6. To change the image associated with the Caller group, press the **Down** navigation key to highlight the **Picture ID** icon. Press the  key.






The following options are available:

- **Downloaded images:** allows you to choose a photo from your Downloaded images folder.
  - **Icons:** allows you to choose from pre-defined icons.
7. To change the ringtone associated with the Caller group, press the **Down** key to highlight the **Ringtone** icon. Press the  key.

The following options are available:

- **Default melodies:** allows you to choose between 10 different melodies.
  - **Voice list:** allows you to assign a voice clip to this group.
  - **Sounds:** allows you to choose a sound from your downloaded Sounds folder.
8. Press the **Save** soft key when you are finished. Your Caller group settings save.
  9. Press the  key to return to Idle mode.

### Dialing a Number from the SIM Card

1. In Idle mode, enter the location number for the phone number you want to dial and press the  key or the  key.  
The entry associated with the location number displays.
2. If you don't know the location number, press   and the first location number displays.  
You can then press the **Left** or **Right** key to find other numbers in the list.
3. Press either the **Call** soft key, or the  key when you have selected the number you want to dial.





### Deleting all of the Phonebook Entries

You can delete all your entries from your phone's memory, your SIM card, FDN, or All.

---





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

---

1. In Idle mode, press **Menu** → **Phonebook** and press the **Select** soft key or the  key.
2. Highlight **Management** and press the **Select** soft key or the  key.
3. Scroll to **Delete all** and press the  key.
4. Highlight **All**, **Phone**, **SIM card**, or **SIM card(FDN)** and press the **Delete** soft key.
5. When the **Delete?** confirmation message displays, press the **Yes** soft key.
6. Enter your password when the **Enter PIN2** popup displays.
7. Press the  key to return to Idle mode.

## Memory Status

You can check how many names and numbers are stored in the Phonebook, in both SIM card and the phone memory. You can also see the capacity of both memories.

1. In Idle mode, press **Menu** → **Phonebook** and press the **Select** soft key or the  key.
2. Scroll to **Management** and press the **Select** soft key or the  key.
3. Scroll to **Memory status** and press the **Select** soft key or the  key.  
The Phone, SIM and FDN status displays.
4. Press the  key to return to Idle mode.

## Speed Dialing





Once you have stored phone numbers from your Phonebook list, you can set up to 8 speed dial entries and then dial them easily whenever you want, simply by pressing the associated numeric key. In Idle mode, to speed dial the numbers assigned to keys (2 to 9), press and hold the appropriate key.

---

**Note:** Memory location 1 is reserved for your Voice mail server number and this speed dial location can not be changed. The voice server number can be altered via the Messages > Voice mail menu.

---

## Setting Up Speed Dial Entries

1. In Idle mode, press **Menu** → **Phonebook** and press the **Select** soft key or the  key.
2. Scroll to **Speed dial** and press the **Select** soft key or the  key.
3. Use the Navigation keys to select the keypad number key to where you wish to assign the new speed-dialing number (keys 2 through 9) and press the **Add** soft key. The contact list displays.
4. Highlight a contact entry number from the **Contact list** and press the  key.
5. You receive a Saved confirmation and the **Speed dial** menu displays the number assigned to the number key you selected.
6. Press the  key to return to the Idle screen.

---

**Note:** Memory location 1 is reserved for your Voice mail server number and this speed dial location can not be changed. The voice server number can be altered via the Messages → Voice mail menu.

---

## Block list

The **Block list** menu allows you to add or remove contacts from the blocked list of callers.

### Creating a Block list

1. In Idle mode, press **Menu** → **Phonebook** and press the **Select** soft key or the **OK** key.
2. Scroll to the **Block list** option and press the **Select** soft key or the **OK** key.
3. Press the **Options** soft key, select the **Add new** option and press the **Right Navigation** key.
4. Select one of the following options:
  - **Number**: allows you to block the number you enter.
  - **Contacts**: allows you to select contacts from the Contact list to block.
  - **Recent contacts**: allows you to select a recent contact from the Recent contacts list to block.
  - **Unknown numbers**: adds all unrecognized numbers (numbers not in the Phonebook or on the FDN list) to the block list.
  - **FDN contacts**: allows you to identify FDN contacts to block.

The selected contact(s) display and are added to the Block list.

### Removing contacts from the Block list

1. In Idle mode, press **Menu** → **Phonebook** and press the **Select** soft key or the **OK** key.
2. Scroll to the **Block list** option and press the **Select** soft key or the **OK** key.
3. Highlight a contact to remove from the Block list and press the **Remove** key.  
– or –
4. Press the **Options** soft key, select **Remove all** and press the **Select** soft key or the **OK** key.
5. At the **Remove from block list?** prompt, press the **Yes** soft key to confirm, or the **No** soft key to cancel.

The selected contact(s) are removed from the Block list.

## Management

The **Management** menu allows you to select where your contacts save, copy your SIM contacts to your phone, delete your contacts, or check your memory status.

- In Idle mode, press **Menu** → **Phonebook** → **Management** and press the **Select** soft key or the **OK** key.

### **View contacts**

This option allows you to view all the contacts stored on the Phone, SIM, or the Phone and SIM.

### **Default saving**

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

- **Phone:** new phonebook contacts are saved to your phone. Your phone comes with the default set to Phone memory.
- **SIM card:** new phonebook contacts are saved to your SIM card.
- **Ask on saving:** you are prompted to choose between Phone or SIM Card whenever you save a new contact.

---

**Note:** Once you synchronize your phone this option no longer displays.

---

### **Copy all to**

This option allows you to copy all contacts from your SIM card to your Phone or from you Phone back onto your SIM card. For more information, refer to *“Storing your Phonebook on the SIM Card”* on page 37.

### **Sort by contacts**

The Sort by contacts menu option allows you to set the sort function to alphabetize the contacts by **First name** or **Last name**.

### **Delete all**

---



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

---



This option allows you to delete your contacts. For more information, refer to *“Deleting all of the Phonebook Entries”* on page 42.

### **Memory Status**

You can check how many names and numbers are stored in the Phonebook, on the SIM card, or the FDN list. You can also see the capacity of all three memories.

1. In Idle mode, press **Menu** → **Phonebook** and press the **Select** soft key or the  key.
2. Scroll to **Management** and press the **Select** soft key or the  key.





3. Scroll to **Memory status** and press the **Select** soft key or the  key.  
The Phone, SIM and FDN status displays.
4. Press the  key to return to Idle mode.




### Own Number

This function is a memory aid, which you can use to check your own phone number if you need to do so.

You can assign a name to each of your own phone numbers registered on your SIM card. You can also edit the names and numbers. Any changes made here do not in any way affect the actual subscriber numbers on your SIM card.

1. In Idle mode, press **Menu** → **Phonebook** and press the **Select** soft key or the  key.
2. Select the **Own number** option and press the **Select** soft key or the  key.

#### First time setup:

3. Highlight the Name field and press the  key.
4. Press the  key to clear the current title and enter a name for your phone in the Name field.
5. Highlight the phone number field, press the  key to clear the current number and enter a new number in the Number field.
6. Press the **Save** soft key when you are finished.

### FDN List

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

The FDN list allows you to set up a list of numbers that your phone may dial.

---





**Note:** FDN mode must first be enabled in the Security settings. For more information on changing this setting, see “*Set FDN mode*” on page 91.

---

---

**Important:** To enable FDN mode, a PIN2 number is required. You can obtain your PIN2 from T-Mobile customer service.

---

1. In Idle mode, press **Menu** → **Phonebook** and press the **Select** soft key or the  key.
2. Select the **FDN list** option and press the **Select** soft key or the  key.  
The FDN list displays.
3. Press the **Options** soft key, select the **New FDN contact** option and press the **Select** soft key or the  key.
4. Enter the PIN2 number obtained from T-Mobile, press the  key and begin creating your restricted phone list.

## Section 7: Messages



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

### Types of Messages

Your phone provides the following message types:

- Text Messages
- Picture Messages
- Voice Note
- Voice Mail
- Broadcast Messages (SIM Dependent)
- Instant Messaging

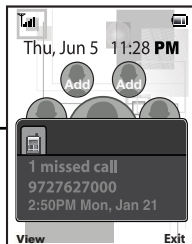
### Message Icons on the Icon Line

The  icon displayed at the top of the screen indicates that a new text message was received. The  icon indicates a new picture message was received. For more information, refer to “Icons” on page 14.




### View Tab

The View Tab is an area that displays on the screen when a missed call, new message, or voicemail is sent to the phone.

View Tabs for  
Missed Calls,  
Picture Messages,  
or Voice Messages




There are three View tabs that display icons:

1.  Missed Calls
2.  Voicemail
3.  Picture message

You can search through missed calls or unviewed messages by using the **Right** and **Left** navigation keys to select the associated message tab, and then press the **View** or **Connect** soft key.

## Text Messages

Short Message Service (SMS) allows you to send and receive short text messages to and from other mobile phones.

The Message icon () displays when you receive a new text message. When the memory is full, the message icon flashes on your phone and you cannot receive any new messages. You must delete a message before you can receive additional messages.

► Use the **Delete** option in each message box to erase obsolete messages.

### Create new

In this menu, you can write and send a text message.

### Creating a Simple Text Message



1. In Idle mode, press **Menu** → **Messages** → **Create new** → **Text message** and press the **Select** soft key or the  key.
2. Create your message.

---

**Note:** For further details about entering characters, see “Using T9 Mode” on page 32. You can enter up to 160 standard Alphabet characters per page in your message. The message can be up to 12 pages long for a total of 1920 characters.

---



3. When you finish entering your message, press the **Options** soft key. The following options are available:
  - **Insert from:** allows you to insert from the Text template, Phonebook, or Bookmarks. The Text messages template allows you to apply one of the preset message templates to the text. Select one of the 10 items stored in the Text messages template menu. Phonebook allows you to add names and phone numbers to your message. Favorites allows you to add Internet addresses to your message.
  - **Add content:** allows you to add a Picture, Animation, or Melody to your message.
  - **Attach:** allows you to attach a Name card, Schedule, Anniversary item, Miscellany, or Tasks to your message.
  - **Save to Drafts:** saves the message to your Phone.
  - **Select language:** allows you to set the language to English, Français, and Español.
  - **Text style:** allows you to format the style of the text.  
For the Text size, Large, Medium, and Small size are available. Text mode options are Normal, Underline, and Strikethrough. The options for Bold and Italic are set by using the  key to place a checkmark by them. Alignment options are Left, Center, and Right.
  - **Exit composer:** allows you to exit the text message without saving it.
4. Press the **Send to** soft key.
5. Highlight one of the following send options:
  - **Recent recipients:** allows you to select a number or an address from the last 20 destinations you entered.
  - **Phonebook:** allows you to enter the phone number you want from your phonebook.
  - **New recipient:** allows you to enter a phone number.
6. The number you select is entered in the **To** text box. Press the **Add** soft key for the following options:
  - **Recent recipients:** allows you to select from recipients of your previous messages.
  - **Phonebook:** allows you to enter the phone number you want from your phonebook.
  - **New recipient:** allows you to enter a phone number.
7. Press the **Send**  soft key to send the message when you are finished entering the destinations.




## Picture Messages

This menu allows you to use the Multimedia Message Service (MMS).

Picture Messaging is a messaging service that provides delivery of personal multimedia messages from phone to phone or from phone to email.

In addition to the familiar text content available via traditional text messages, multimedia messages can contain images, graphics, voice, and audio clips. A Picture Messaging message is a picture presentation contained in a single file. It is not a text file with attachments.




The Message icon () displays when receive a new picture message.

Using the Picture Messaging feature, your phone can receive and send messages that contain multimedia files, such as photos, sounds and images that you downloaded from the Internet and voice notes you recorded. This function is available only if it is supported by T-Mobile. Only phones that offer multimedia messaging features can receive and display multimedia messages.

### Create new

This menu allows you to create a new multimedia message and then send it to one or more destinations.

#### Creating and Sending a Picture Message

1. In Idle mode, press **Menu** → **Messages** → **Create new** and press the **Select** soft key or the  key.
2. Highlight the **Picture message** option and press the **Select** soft key or the  key.
3. At this point, the following options are available under the **Options** soft key:
  - **Preview:** allows you to preview how the message display when sent.
  - **Save to drafts:** allows you to save the message to Drafts before being sent.
  - **Add page:** allows you to add a page, i.e. another image or sound clip to the message.
  - **Edit duration:** allows you to set the time to convert the page.
  - **Attach:** allows you to attach a Namecard, Schedule, Anniversary, Miscellany, or Tasks to the Picture Message.
  - **Exit composer:** allows you to exit the picture message without saving it.
4. Highlight **Subject** and press the  key.









5. Enter the subject of your message and press the  key.






---

**Note:** For more information about entering characters, see “Using ABC Mode” on page 34.



---

6. To add a picture, highlight the **Image** option and press the  key.
7. Highlight the following option and press the **Select** soft key or the  key.
- **Downloaded images:** allows you to select a previously downloaded image to send in the picture message.
8. Select an image and press the **Options** soft key. Highlight the **Add** option and press the **Select** soft key or the  key to add it to your message.
9. Highlight the **Sound** option and press the  key to add a sound.
10. Highlight one of the following options and press the **Select** soft key or the  key.
- **Record audio:** allows you to record a new voice message.
  - **Sounds:** allows you to attach sounds that were downloaded.
  - **Voice list:** allows you to attach voice messages that were previously recorded.
11. Select from either **Sounds** or **Voice list** and press the **Select** soft key.
- Or-

Select **Record Audio** go to Record mode. You can use the soft keys and the  to control the recording.

12. When you finish the recording or you highlight a file and press the **Options** soft key, highlight the **Add** option, and press the **Select** soft key or the  key to add the sound to your message.
13. Highlight **Message** and press the  key to add a text message.
14. Enter your message and press the  key.
15. To change the Subject or Message, select a category and press the  key.
16. To change the image or sound with another one, select a category and press the  key. Depending on the category selected, highlight **Change** to remove or replace the item.




17. Highlight one of the following send options, press the **Send to** soft key or the  key to choose from of the following options:
  - **Recent recipients:** allows you to select a number or an address from the last 20 destinations you entered.
  - **Phonebook:** allows you to enter the phone number you want from your phonebook.
  - **New recipient:** allows you to manually enter a phone number or email address.
  - **My Album:** allows you to send the message to My Album.
18. The number or address you selected enters in the **To** text box.
19. Press the **Send**  key to send the message.

### Voice Note

In this menu, you can record a voice note of up to one minute long and then immediately send it via Picture Messaging.

When you access this menu, a timer displays on the screen.

1. In Idle mode, press **Menu** → **Voice notes** and press the **Select** soft key or the  key.
2. Press the **Record** soft key to start recording.
3. Record a memo by speaking into the microphone.  
The display simultaneously shows the elapsed time and the remaining time.
4. When you are finished, press the **Stop** soft key. Or, when the recording time is expired, the display switches to the next screen.
5. Press the **Options** soft key for the following options:
  - **Send to:** allows you to send the Voice note.
  - **Play:** plays back your Voice note.
  - **Re-record:** discards the previous Voice note and enables you to record a new voice note.
  - **Set default destination:** allows you to remove or edit the default destination.
  - **Set as:** allows you to set the Voice note as a myFaves ringtone, Ringtone, Individual ringtone, or Alarm tone.
  - **Save:** saves the Voice note and continues to the **Send** option.



6. To send the Voice note, press the **Send** soft key or select the **Send to** option in the **Options** menu.
7. Highlight one of the following send options:
  - **Recent recipients:** allows you to select either a number or an address from the last 20 destinations you entered.
  - **Phonebook:** allows you to enter the phone number you want from your phonebook.
  - **New recipient:** allows you to manually enter a phone number.
  - **My Album:** allows you to send the message to My Album.
8. If you selected Phonebook, or Recent recipient, highlight the selection and press the **OK** key to mark the selection, then press the **Add** soft key. The number you selected is entered in the **To** text box.
9. If you selected more than two recipients, press the **Options** soft key select one of the following options:
  - **Add recipients:** allows you to add additional recipients to this Voice note.
  - **Change recipient:** allows you to select **To**, **Cc** or **Bcc** additional numbers.
10. Press the **Send** **OK** soft key to send this voice note.

Your phone then sends the message. After the phone has successfully sent the message, it is saved in the Sentbox.

## Inbox

The Inbox stores received messages. You can tell what kind of message it is by the icon displayed. If the icon envelope is open, then the message was read; otherwise the envelope displays as closed.

The following types of messages may display in your inbox:

	Voice note		Picture messages
	Text messages		Push messages

When you enter the Inbox, the list of messages displays with the sender's phone numbers, or names, if available in your Phonebook. After you have read the message, the envelope in the icon displays as opened.

---

**Note:** By pressing the **Up** or **Down** Navigation keys, you may scroll between **Inbox**, **Outbox**, and **Drafts**.

---

1. In Idle mode, press **Menu** → **Messages** and press the **Select** soft key or the **OK** key.
2. Highlight the **Inbox** option and press the **Select** soft key or the **OK** key.

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

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

The following options display:

- **Reply via:** allows you to send a reply to the sender by sending a Text message, Picture message, or Voice note.
- **Call back:** places a call back to the number.
- **Forward:** allows you to forward the text message to another person.
- **Delete:** deletes the selected text message or multiple messages.
- **Move to phone/ SIM card:** allows you to move the message from the SIM card into the phone's memory (this option is only available for messages stored in the SIM card) or from the phone's memory to the SIM card (this option displays only when the message is stored in the phone's memory).
- **Sort by:** allows you to sort messages by Read/Unread, Date, Name, Type, Size, or Subject.
- **Lock:** allows you to protect the message from being deleted.

2. Press the **View** **OK** key to read the message contents.
3. Scroll through the contents.

While reading a text message, you may choose the following options by pressing the **Options** soft key:

- **Reply via:** allows you to send a reply to the sender by sending a Text message, Picture message, or Voice note.
- **Call back:** places a call back to the number.
- **Forward:** allows you to forward the message to another number.
- **Save address:** allows you to extract the sender's number and URL, email addresses or phone numbers from the message text, so that you can save them in your phone's memory.
- **Delete:** allows you to delete the message.


- **Move to phone/ SIM card:** allows you to move the message from the SIM card into the phone's memory (this option is only available for messages stored in the SIM card) or from the phone's memory to the SIM card (this option displays only when the message is stored in the phone's memory).
- **Lock:** allows you to protect the message from being deleted.

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

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

The following options display:

- **Reply via:** allows you to send a reply to the sender by sending a Picture message, Text message, or Voice note.
- **Reply all via:** allows you to send a reply to the sender by sending a Send picture or Voice notes.
- **Call back:** allows you to call the sender back.
- **Forward:** allows you to forward the message to another number.
- **Delete:** deletes the Selected text message or Multiple messages.
- **Sort by:** allows you to sort messages by Read/Unread, Date, Name, Type, Size, or Subject.
- **Lock:** allows you to protect the message from being deleted.
- **Properties:** shows you information about the message, such as time and date the message was received, the sender's email address or phone number, recipient's email address or phone number, Cc, message size, priority, and class.

2. Press the **View**  key to view the message contents.
3. Press the Stop soft key when you are finished viewing the picture message.

While viewing a picture message, you may choose the following options by pressing the **Options** soft key:

- **Reply via:** allows you to send a reply to the sender by sending a Picture message, Text message, or Voice note.
- **Reply all via:** allows you to send a reply to the sender by sending a Picture message or Voice note.
- **Call back:** allows you to call the sender back.
- **Forward:** allows you to forward the message to another number.
- **Replay:** allows you to review the picture message.
- **Save address:** allows you to cut and paste the address to send a text message, or picture message.
- **Save media:** allows you to save message media to My files folder.
- **Delete:** deletes the selected text message.
- **Lock:** allows you to protect the message from being deleted.


- **Properties:** shows you information about the message, such as time and date the message was received, the sender's email address or phone number, recipient's email address or phone number, Cc, message size, priority, and class.

### ***Listening to a Voice Note from the Inbox***

1. Select a Voice Note from the list and press the **Options** soft key.

The following options display:

- **Reply via:** allows you to send a reply to the sender by sending a Voice note, Text message, or Picture message.
- **Reply all via:** allows you to send a reply to the sender by sending a Voice note or Picture message.
- **Call back:** allows you to call the sender back.
- **Forward:** allows you to forward the message to another number.
- **Delete:** allows you delete the selected or all voice notes saved.
- **Sort by:** allows you to sort messages by Read/Unread, Date, Name, Type, Size, or Subject.
- **Lock:** allows you to protect the message from being deleted.
- **Properties:** shows you information about the message, such as time and date the message was received, the sender's email address or phone number, recipient's email address or phone number, Cc, message size, priority, and class.

2. Press the **Play**  key to listen to the message contents.

3. Press the **Stop** soft key when you are finished.

4. Press the **Options** soft key for the following options:

- **Reply via:** allows you to send a reply to the sender by sending a Voice note, Text message, or Picture message.
- **Reply all via:** allows you to send a reply to the sender by sending a Voice note or Picture message.
- **Call back:** allows you to call the sender back.
- **Forward:** allows you to forward the message to another number.
- **Replay:** allows you to replay the voice note.
- **Save address:** allows you to cut and paste the address to send a text message.
- **Save media:** allows you to save message media to your My files folder.
- **Delete:** allows you to delete the selected message or all messages.
- **Lock/Unlock:** allows you to protect the message from being deleted.

- **Properties:** shows you information about the message, such as time and date the message was received, the sender's email address or phone number, recipient's e-mail address or phone number, Cc, message size, priority, and class.

### Viewing a Push Message in the Inbox

A Push Message is a method for your service provider to deliver content (e.g. images, ringtones, software upgrades, information, etc.) to mobile phones that are WAP enabled. You cannot initiate or reply to WAP Push Messages. The WAP Push Message may direct to you to go to a URL that is included in the message for further information or updates, or it may be information only.

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

The following options display:

- **View:** allows you to view the contents of the selected message.
- **Delete:** allows you to delete the selected message or all messages.
- **List by:** allows you to sort messages by Read/Unread, Date, Name, Type, Size, or Subject.
- **Lock:** allows you to protect the message from being deleted.

2. Highlight the **View** option and press the **Select** soft key or the  key to review the message contents.



While reading the message, you may choose the following options by pressing the **Options** soft key:

- **Open URL:** allows you to go to the website on your WAP browser.
- **Delete:** allows you to delete the message.
- **Cut address:** allows you to extract the sender's number and URL, email addresses or phone numbers from the message text, so that you can save them in your phone's memory.
- **Lock:** allows you to protect the message from being deleted.

### Outbox

This message box stores messages that you have sent or messages that you attempted to send but were not actually sent.

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

1. In Idle mode, press **Menu** → **Messages** and press the **Select** soft key or the  key.
2. Highlight the **Outbox** option and press the **Select** soft key or the  key.

---

**Note:** Scroll between **Inbox**, **Outbox**, and **Drafts** by pressing the **Left** or **Right** Navigation keys.

---

3. Select a message from the list and press the **View**  key to view the message contents.

---



**Tip:** While reading a message, you can choose different options by pressing the **Options** soft key.

---

## Drafts

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



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

1. In Idle mode, press **Menu** → **Messages** and press the **Select** soft key or the  key.
2. Highlight the **Drafts** option and press the **Select** soft key or the  key.

---

**Note:** Scroll between **Inbox**, **Outbox**, and **Drafts** by pressing the **Left** or **Right** Navigation keys.



---



3. Select a message from the list and press the **Options** soft key.
4. Highlight the **Edit** option and press the **Select** soft key or the  key to edit the message contents.
5. Press the **Send**  soft key (while viewing the message) to send the message.

While viewing a draft message, you can choose different options, depending on the type of message, by pressing the **Options** soft key.

## Templates



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

1. In Idle mode, press **Menu** → **Messages** and press the **Select** soft key or the  key.
2. Highlight the **Templates** option and press the **Select** soft key or the  key.
3. Highlight a template entry and press the **Options** soft key. You can choose from ten predefined sentences that you can add to your text message to save time.
4. Highlight **Send** and press the **Right** Navigation key.


5. Select **Text message** or **Picture message**, and press the **Select** soft key or the  key.
6. Press the **Send to**  key to send the message.

## Voice Mail

This menu provides you with a way of accessing your voice mailbox, if provided by your network.

1. In Idle mode, press **Menu** → **Messages** and press the **Select** soft key or the  key.
2. Highlight the **Voice mail** option and press the **Select** soft key or the  key.
3. Press the **Call** soft key to call Voice mail.

-Or-

Press and hold the  key in Idle mode to connect to voice mail.

---

**Note:** Voice mail is a network feature. Please contact T-Mobile's customer service for further details.

---

---

**Important!** Before using the Voice Mail feature, you must enter the voice server number obtained from T-Mobile customer service in the Voice server number field.

---

## Management

This menu allows you to manage your settings for text and picture messages, delete all messages, or check the memory status of the Phone, SIM card, Inbox, Outbox, or Draft folder.

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

### Messages settings

In this menu, you can set up a default text message or a picture message. The last setting you accessed is automatically activated for sending subsequent messages.

#### Text message

- **Service center:** allows you to store or change the number of your message center, which is required when sending messages. You must obtain this number from T-Mobile.

- **Destination address:** allows you to enter a number that you would like to send all messages to. You can still message others, but this number always displays in the Recipient list. This feature acts as a CC for any outgoing messages so that they can always be copied to a pre-defined additional recipient number.
- **Validity period:** allows you to set the length of time your text messages are stored at the message center while attempts are made to deliver them.
- **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:** allows you to activate or deactivate the report function. When this function is activated, the network informs you whether or not your message was delivered.

### **Picture message**

The following options are used to set Send and Receive settings for Picture messages.

#### **Send Settings**

- **Delivery report:** when this option is enabled, the network informs you whether or not your message was delivered.
- **Read reply:** when this option is enabled, your phone sends a request for a reply along with your message to the recipient.
- **Priority:** you can select the priority level of your messages.
- **Expiry:** set the length of time your messages are stored in the message center while the network attempts to deliver them.
- **Delivery time:** you can set a delay time before the phone sends your messages.

#### **Receive Settings**

- **Anonymous reject:** you can set your phone to automatically reject anonymous messages.
- **Ads allowed:** you can set your phone to automatically receive advertising messages.
- **Report allowed:** you can set the option to receive a delivery report.

#### **Delete all**

This menu allows you to delete all of the messages in each individual message box. Or, you can also delete all of your messages in all message boxes at one time.

---

**Important!** Once messages are deleted, they cannot be recovered.


---



1. Select a message box to clear.

-Or-

Select the **All** option to delete all of your messages.

2. Press the  key to place or remove a check mark.
3. Press the **Delete** soft key to delete the marked objects.
4. After you receive the **Delete?** confirmation, press the **Yes** soft key or press the **No** soft key.

### **Memory Status**

You can check the amount of the memory used and the memory remaining for multimedia messages.

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

- **Text Message** (saved on the Phone)
- **Text Message** (saved on the SIM card)
- **Text Message**
  - Phone
  - SIM card
  - Inbox
  - Drafts
  - Outbox
- **Picture Message**
  - Available
  - Inbox
  - Outbox
  - Drafts
- **Push message**

## Broadcast Messages (SIM Card Dependent)

This network service allows you to receive text messages on various topics, such as the weather or traffic.

Please contact T-Mobile customer service for further details.

## Instant Messaging (IM)

Instant Messaging (IM) is a way of sending short, simple messages that are delivered immediately to users online at that moment.

Before using this feature, you need to subscribe to a messenger service. For further details, contact your service provider.

### Starting your Instant Messaging

1. In Idle mode, press **Menu** → **IM** and press the **Select** soft key or the **OK** key.
2. Highlight the messenger service to which you are subscribed and press the **Select** soft key or the **OK** key.
3. Highlight the **Sign in**, or **Connect** option, depending on your messenger service and press the **Select** soft key or the **OK** key.
4. Enter the required sign in information such as ID and Password, then press the **Down** Navigation key.

---

**Note:** The information required for sign in varies depending on the Instant Messaging provider you are using.

---

5. With all of the appropriate fields filled in, press the **Options** soft key, select **Sign in** and press the **Select** soft key or the **OK** key.
6. If you use Windows Live, agree to the terms and conditions of use for this service and press the **I agree** soft key or the **OK** key.
7. Follow the on-screen instructions to read, reply to, compose, send, and manage your Instant Messaging account.

### ***Using the Instant Messenger Options***

Use the following procedure to access the Instant Messenger options.

1. In Idle mode, press **Menu** → **IM** and press the **Select** soft key or the **OK** key.
2. Highlight the messenger service to which you have previously subscribed and press the **Select** soft key.

After selecting an Instant Messaging service, the following options display:

- **Sign in/Connect:** allows you to login to your Instant Messaging account.
- **Saved conversations:** shows permanent records of your Instant Messaging conversations.
- **Offline conversations:** shows a listing of any conversations received while you were offline.
- **Preferences:** allows you to change your Community settings.
- **Help:** provides helpful information about IM providers such as: Provider name, Provider description, Provider URL, as well as help text such as About, Getting a Y! ID, Sign up, Signing In/Out, Connect, Sign In, Buddies, Contacts, Sending IMs, Send IM, Sending messages, Receiving IMs, Receiving messages, Status, Preferences, Privacy, and Away help. For Windows Live only: provides information About Windows Live.

---

**Note:** Help topics vary depending on the IM provider.

---

---

**Important!** Charges may be incurred when accessing Provider information. Please contact your Service Provider for more details.

---


## Section 8: t-zones

This section outlines the t-zones service on your phone. For more information, contact T-Mobile.

### t-zones


Your phone is equipped with a WAP (Wireless Application Protocol) browser which provides you wireless access and navigation to the Web using your phone.

---

**Note:** You can enter t-zones without going through the t-zones menu by simply pressing the **t-zones** soft key  while in Idle mode.


---

To access t-zones, follow these steps:


1. In Idle mode, press **Menu** → **t-zones** and press the **Select** soft key or the  key.

### Home

The content of the t-zones startup homepage depends on your Wireless Web service provider. To scroll through the screen, use the **Up** and **Down** keys.

To go to the startup homepage from any other screen in the t-zones, press the **Menu** soft key, select **Home** then press the **Select** soft key or the  key. For more information on the t-zones menus, see “*Selecting and Using Menu Options*” on page 66.

### Exiting t-zones

- To exit the browser at any time, simply press the  key.

### Navigating t-zones

1. Scroll through browser items.
2. To select browser items, press the  key.
3. To return to the previous page, press the  key or press the **Options** soft key and select **Back**.

### Entering Text in t-zones

When you are prompted to enter text, the currently active text input mode is indicated on the screen. The following modes are available:

- **Initial-capital mode (A):** allows you to enter English characters with the first letter as a capital letter and subsequent letters as lower-case.

- **Lower-case character mode (a)**: allows you to enter lower-case English characters.



---

**Note:** You can enter symbols in upper-case or lower-case character mode by pressing the  key.

---

- **Symbol mode**: allows you to enter symbols, such as punctuation marks.
- **Number mode (1)**: allows you to enter numbers.
- **Word mode**: allows you to enter words with only one keystroke per letter.

To change the text input mode, use the following procedures:

1. Press the **Left** soft key one or more times.
2. To enter a space, press the  key.
3. To edit text, set the cursor to the right of the character(s) to correct.
4. Press the  key as required.
5. Enter the correct character(s).

### Selecting and Using Menu Options

Various menus are available when you are using t-zones to navigate the Wireless Web.

To access the browser options menu:


1. Press the **Menu** soft key.

---

**Note:** The menus may vary, depending on your version of t-zones.

---

The following options are available:

- **Go to URL**: allows you to manually enter the URL address of a Web page. After entering an address, press the  key to go there directly.
- **Bookmarks**: shows the bookmarks list. You can bookmark the current web page or access previously bookmarked pages.
- **Messages**: allows you to create a text message or check your My Messages folder.
- **My files**: allows you to go to your Files folders.
- **Home**: takes you back at any time to the home page of the Wireless Web service provider.
- **Back**: takes you back to the previous web browser screen.

- **Show URL:** displays the URL address of the Web page to which you are currently connected. It also enables you to set the current site as the startup home page.
- **Reload:** reloads the current page.

### Enter URL

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

---




**Note:** For further details about how to enter characters, see “*Entering Text*” on page 31.

---

### Bookmarks

This menu stores up to 15 URL addresses.

To store a URL address:

1. Select an empty location and press the **Options** soft key or the  key.
2. Select **Add to bookmark** and press the  key.
3. Enter a name for the favorite item in the **Title** text box and press the **Down** Navigation key.
4. Enter the address in the **URL** text box and press the  key.


---

**Note:** For further details about how to enter characters, see “*Entering Text*” on page 31.

---

After saving favorite items, you can access the following options by highlighting the item, then pressing the **Options** soft key:

- **Edit bookmark:** allows you to edit the address.
- **Delete:** allows you to delete the selected address or all addresses.
- **Add bookmark:** allows you to edit the bookmark.
- **Send URL via message:** allows you to send the selected URL as a text message.

Or, you can select the favorite item and press the  key. Your browser navigates to the site.

### History

This option provides you with a list of the most recently viewed web sites. Use the history option to return to previously visited, but not bookmarked, web pages.

## Browser Settings

Various settings are available when you are using the t-zones browser to navigate the wireless web.

### Clear Cache

You can clear the information stored in the cache, which is the phone's temporary memory which stores the most recently accessed Web pages.


- Press the **Yes** soft key to confirm the deletion. Otherwise, press the **No** soft key.

### Cookies

The Cookie mode allows you to define how your browser handles cookies. Cookie modes are: Accept all, Reject all, or Prompt before receiving a cookie.

### Deleting cookies

To delete cookies:

1. In Idle mode, press **Menu** → **t-zones** → **Browser settings** → **Cookies** → **Delete cookies** and press the  **OK** key.
2. Press the **Yes** soft key to confirm deletion, or press the **No** soft key to cancel.

### Preferences

The Preferences option allows you to set t-zones preferences such as Display images, Play sound, View by, and Revalidate Cache.

### Certificates

The Certificates option allows you to view internet certificates.

- **Root Certificates:** provides several root certificates from which to choose.
- **CA Certificates:** provides several CA certificates from which to choose.

### About browser

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



## Section 9: Fun & Apps

---

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




### Files

Files allows you to manage your sounds, images, and memory status in one convenient location.

1. In Idle mode, press **Menu** → **Fun & Apps** and press the **Select** soft key or the  key.
2. Highlight the **Files** option and press the **Select** soft key or the  key.

### Sounds

In this menu, you can view the list of sounds downloaded from the web server or received in multimedia messages. You can set a downloaded sound as the current ring tone.

1. In Idle mode, press **Menu** → **Fun & Apps** and press the **Select** soft key or the  key.
2. Highlight the **Files** option and press the **Select** soft key or the  key.
3. Highlight the **Sounds** option and press the **Select** soft key or the  key.

---

**Note:** When downloading **MegaTones**® or **HiFi Ringers**™, charges may apply.

---

The following options are available:

### Browse MegaTones

Using the **Browse MegaTones** option on the sounds list, you can access the web site preset by T-Mobile and download new MegaTones.

### Browse HiFi Ringers

Using the **Browse HiFi Ringers** option on the sounds list, you can access the web site preset by T-Mobile and download new HiFi Ringers.

### Sounds

Highlight an item in the **Sounds** menu and press the **Options** soft key. The following options are available:

- **Download new:** opens your web browser where you can download new sounds.
- **Send via:** allows you to send the sound via Picture message.



- **Set as:** allows you to set the sound as your ring tone, a Individual ringtone, or an alarm tone.
- **Delete:** allows you to delete the selected sound or multiple sounds.
- **Rename:** allows you to change the name of the sound.
- **Lock:** allows you to lock the sound to protect it from deletion.
- **Properties:** displays the sound name, date, format, bitrate (only displays if the file is an MP3 format), length, size, and Lock/Unlock.




### **Voice list**

The **Voice list** contains your recorded audio messages. Highlight an item and press the **Options** soft key. The following options are available:

- **Send via:** allows you to send the audio message via Picture message.
- **Set as:** allows you to set this audio message as a Ringtone, Individual ringtone, or an Alarm tone.
- **Delete:** allows you to delete the selected audio message or multiple audio messages.
- **Rename:** allows you to change the name of the audio message.
- **Lock:** allows you to lock the audio message to protect it from deletion.
- **Properties:** displays the audio name, date, format, length, size, and Lock/Unlock.

### **Images**

In this menu, you can view the list of images downloaded from the web server or received in messages. You can set an image as the current background image.

1. In Idle mode, press **Menu → Fun & Apps** and press the **Select** soft key or the  key.
2. Highlight the **Files** option and press the **Select** soft key or the  key.
3. Highlight the **Images** option and press the **Select** soft key or the  key.

The following options are available:

### **Browse Wallpapers**

Using the **Browse Wallpapers** option, allows you to access the T-Mobile website download new images using the t-zones browser.

---

**Note:** When downloading Wallpapers, charges may apply.

---

## Downloaded images

This menu allows you to access your downloaded images.

Scroll to the image you want to view. By pressing the **Options** soft key you can access the following options:

- **Download new:** opens your web browser where you can download new images.
- **Send via:** allows you to send the image via Picture message.
- **Set as:** allows you to set the image as Wallpaper or as a Picture ID.
- **Delete:** allows you to delete the Selected image or Multiple images.
- **Rename:** allows you to change the name of the image.
- **Display mode:** allows you to set the display mode to Line view or Thumbnail view.
- **Slide show:** allows you to set the time for the slide show to cycle through the images. Choose 1 second or 3 seconds.
- **Lock:** allows you to lock the image to protect it from deletion.
- **Properties:** displays the image name, date, format, resolution, size, quality, and Lock/Unlock.

## Icons

This menu allows you to personalize your favorite numbers with downloadable icon types.

- **Browse myFaves icons** navigates to the t-zones so you can download additional myFaves icon types.
- **myFaves icons** displays a list of downloaded icon types for you to use.

## Memory Status

You can check the amount of memory being used and memory remaining for sounds images, games and other files. Press the **Up** or **Down** navigation keys to scroll between the memory status of Sounds and Images.

## Games

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

1. In Idle mode, press **Menu → Fun & Apps** and press the **Select** soft key or the **OK** key.
2. Highlight the **Games** option and press the **Select** soft key or the **OK** key.

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


---

**Note:** Java services may not be available.

---

## Browse Games

You can download more games from the T-Mobile website by using the **Browse Games** option.



1. Highlight the **Browse Games** option and press the **Connect** soft key or the  key.

---

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



---

## My Games

1. In Idle mode, press **Menu → Fun & Apps** and press the **Select** soft key or the  key.
2. Highlight **Games → My Games** and press the  key.
3. Scroll to the MIDlet application you want and press the **Options** soft key.

The following options are available:

- **Move to:** allows you to move a MIDlet to another folder.
- **Delete:** allows you to delete a MIDlet.
- **Lock/Unlock:** allows you to prevent/allow deletion of the game.
- **Properties:** displays information about the MIDlet, such as file size, application version, and vendor.
- **Memory status:** Shows you how much memory is left for your games.

4. Press the  key to start the game.
5. Press the  key to exit.
6. At the **Exit?** prompt press the **Yes** soft key to exit or **No** soft key to cancel.

## Organizer

The Organizer allows you to set an Alarms, schedule appointments, view the Calendar, create Task lists, perform simple math calculations, check World Time, Synchronization, perform Unit conversions, set a Timer, and use a Stopwatch.

1. In Idle mode, press **Menu → Fun & Apps → Organizer** and press the **Select** soft key or the  key.

## Alarm

This feature allows you to:

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

The following options are available:

- **Alarm 1:** set the day, time, and tone for this alarm.
- **Alarm 2:** set the day, time, and tone for this alarm.
- **Alarm 3:** set the day, time, and tone for this alarm.

To set the alarm:

1. After selecting an alarm, highlight the **Alarm** option and press the **Right** navigation key to set Alarm to **On**.
2. Press the **Down** key to highlight the **Alarm time** option. Enter the time you want the Alarm to sound.
3. Press the **Down** key to highlight the **Monday-Sunday** checkboxes. Press the **OK** key to bring up a list of days.
4. Place a checkmark next to the days you want the alarm to sound. To place or remove a check mark, press the **OK** key.
5. Press the **Down** Navigation key to highlight **Alarm Tone** and press the **OK** key to display the Basic Alarm tones. Or, press the Left or Right Navigation key to select from Default melodies, Voice list, or Sounds.
6. Press the Play **OK** soft key to listen to a sample of the tone before selecting, then press the **Select** soft key when you have selected a tone or melody.

---

**Note:** Your phone is preset to a 12-hour format. To change the time format, see “*Time and date*” on page 88.

---

7. To stop the alarm when it rings, press any key or press the **Snooze** soft key.

## Calendar

With the Calendar feature, you can:




- Consult the calendar by month, week, or day.
- Set schedules and note anniversaries
- Make a tasks list.
- Write memos to keep track of your schedule.
- Set an alarm to act as a reminder, if necessary.
- Check your memory status.

When you select the Calendar menu, the following options are available:

### Month view

When you select this option, the calendar displays the selected month with today's date highlighted.

At the bottom of the calendar, the following icons are displayed along with the number of entries for each:

-  Schedule items
-  Anniversary events
-  Tasks items
-  Miscellaneous items

The number of entries next to each icon reflects the number of entries for the selected day on the calendar.

The following options are available when you press the **Options** soft key:

- **View mode:** takes you to the Day view or Week view of the selected day.
- **Create new:** allows you to create a Schedule, Anniversary, Miscellaneous, or Task.
- **Go to:** takes you to the Today's date or another date highlighted.
- **Delete:** allows you to delete all events for a selected date, delete all events for specified periods of time, delete all events for This month, or, you can delete all events.

### Week view

When you select this option, the calendar displays the selected week with today's date and time highlighted. The following options are available when you press the **Options** soft key:

- **View mode:** takes you to the Day view or Month view of the selected day.
- **Create:** allows you to create a Schedule, Anniversary, Miscellaneous, or Task.
- **Go to:** takes you to today's date or another date highlighted.
- **Delete:** allows you to delete all events for a selected date, delete all events for a specified period, or delete all events for this weeks dates. You can also delete all events.



### Day view

When you select this option, you are taken to the Day view of the selected day with any events listed. The following options are available when you press the **Options** soft key:

- **Create new:** allows you to create a Schedule, Anniversary, or Miscellaneous, or Task.
- **Send via:** allows you to send this event via Text message or Multimedia message.
- **View mode:** allows you to choose between Month view, or Week view.
- **Delete:** allows you to delete all events for a selected date, or you can delete all events for the selected day.



### Schedule

This option allows you to write memos to a schedule.

1. Highlight the **Schedule** option and press the **Select** soft key or the  key.
2. Press the **Options** soft key.
3. Highlight the **Create new** option and press the **Select** soft key or the  key.
4. Enter the subject in the **Subject** text box then press the **Down** soft key.
5. Continue to enter other information including **Details, Start date, Start time, AM/PM, End date, End time, AM/PM, Location, Alarm, before, Repeat and Until.**
6. Press the **Save** soft key when you are finished. Your Schedule information saves to the Calendar.



### Anniversary

This option allows you to record Anniversaries in your calendar. You can also set an alarm to remind you of important anniversaries.

1. Highlight the **Anniversary** option and press the **Select** soft key or the  key.
2. Press the **Options** soft key.
3. Highlight **Create new**, and press the  key.
4. Enter the occasion in the **Occasion** text box then press the **Down** soft key.
5. Continue to enter other information including **Date**, **Alarm**, **Before**, **Alarm time**, **AM/PM**, and **Repeat every year**.
6. Press the **Save** soft key when you are finished. Your Anniversary information saves to the Calendar.



### Miscellaneous

This option allows you to record miscellaneous dates or events in your calendar.

1. Highlight the **Miscellaneous** option and press the **Select** soft key or the  key.
2. Press the **Options** soft key.
3. Highlight the **Create new** option and press the **Select** soft key or the  key.
4. Enter the subject in the **Subject** text box then press the **Down** soft key.
5. Enter the details in the **Details** text box then press the **Down** Navigation key.
6. Continue to enter other information including **Start date**, **Start time**, **AM/PM**, **End date**, **End time**, **AM/PM**, **Alarm**, and **Before**.
7. Press the **Save** soft key when you are finished. Your Miscellaneous information saves to the Calendar.

### Missed alarm events

You can check on all of the events that you have set an alarm on.

1. Highlight the **Missed alarm events** option and press the **Select** soft key or the  key.
2. To view an event information, highlight an event and press the  key.

The missed alarm event information displays.



3. To acknowledge and remove the event, press the **Confirm** soft key or the  key. The event is removed from the **Missed alarm events** menu.

### Memory status

This menu item shows the number of calendar events you presently have and how many more you memory space for. It breaks down your events by Schedule, Anniversaries, or Miscellaneous.

### Tasks

This feature allows you to enter a list of tasks.

1. Highlight the **Tasks** option and press the **Select** soft key or the  key.
2. Press the **Options** soft key.
3. Highlight the **Create new task** option and press the **Select** soft key or the  key.
4. Enter the Item to do in the **Task** text box then press the **Down** soft key.
5. Continue to enter other information including **Start date**, **Due date**, **Priority**, **Alarm**, **before**, **Alarm time**, **AM/PM**.
6. Press the **Save** soft key when you are finished. Your Task list saves to the Calendar.

### Editing the Tasks List





When you select the Tasks list menu, the current contents display with a status checkbox and a priority marker.

A check displays in the checkbox if the item is marked as done.

High priority items have a red explanation mark, Normal priority items have a blue explanation mark, and Lowpriority items have a gray explanation mark.






### Marking a Task Item as Done

1. Highlight the **Tasks** option and press the **Select** soft key or the  key.
2. Highlight the item and press **Options → Mark as done**, then press the **Select** soft key or the  key.  
The status checkbox on the right, next to the Task item displays a check mark.
3. To edit other fields in the Task item, highlight the item and press the  key.
4. Edit the information then press the **Save** soft key to save your changes.
5. Press the  key when you are finished editing the Task list.

### Calculator


With this feature, you can use the phone as a calculator. The calculator provides the basic arithmetic functions; addition, subtraction, multiplication, and division.

1. Enter the first number using the numeric keys.
2. Enter the operation for your calculation by pressing the **Left, Right, Up or Down** Navigation key according to the illustration on the display. The  key is used for the decimal point. The  key creates left and right brackets. The **Up** Navigation key moves the cursor left one position and the **Down** Navigation key moves the cursor right one position.
3. Enter the next number.
4. To view the result, press the **=** soft key or the  key.


Repeat steps 1 to 4 as many times as required.

### Tip calculator

This feature provides the percentage amount for tip. Use the following procedures to calculate a tip amount.

1. Highlight **Tip calculator** and press the **Select** soft key or the  key.
2. In the **Bill** field, enter the check amount.

---

**Note:** To enter the decimal point for the exact dollar amount, use the  key.

---

3. Use the **Down** Navigation key to highlight **Tip(%)** percentage. 15 is the default value but this can be changed.
4. The **Tip(\$)** field value is calculated according to the values entered.
5. Use the **Down** Navigation key to move to the **# paying** field to change the number of people contributing to the tip amount.
6. The **You pay** field displays what each individual is to pay.

### **World Time**

This feature allows you to find out what time it is another part of world, using the **Left** and **Right** Navigation keys.

There are two time lines available. You can set the first setting to your home city and then use the second setting to check other city times.

Press the DST soft key to set to Daylight saving time.

### **Synchronization**

The first time you access the synchronization feature the handset prompts with the following message:

Synchronization complete! Phone will automatically sync on every phonebook edit you make.

To change sync settings go to, Settings > Synchronization. To manage your contacts, go to: "t-mobile.com".

This feature allows you to back up (synchronize) Contact information, Schedules, and Events stored on your phone with your T-Mobile account on the network. Each time you edit contact information your phone automatically synchronizes (on scheduled time intervals) with the web Address Book.






---

**Important!** Synchronization is a free service offered to T-Mobile customers.

---


### **Data to Sync**

This feature allows you to synchronize your Contacts, Calendar events, and Task list with your T-Mobile account on the network.


1. In Idle mode, press **Menu** → **Fun & Apps** → **Organizer** → **Synchronization** and press the **Select** soft key or the  key.
2. Highlight **Data to Sync** and press the **Select** soft key or the  key.
3. Highlight the type of data to synchronize (Contacts, Calendar or Task) and press the  soft key to display a check mark next to the item to synchronize.
4. Press the **Save** soft key.
5. Select the **Sync now** option and press the **Select** soft key or the  key.
6. When the “**Synchronization will start?**” message displays, press the **Continue** soft key.
7. Press the  key to return to the Idle mode.

### **Sync now**

Once you establish the information you want to synchronize, this feature allows you to synchronize with the T-Mobile network.



1. In Idle mode, press **Menu** → **Fun & Apps** → **Organizer** → **Synchronization** and press the **Select** soft key or the  key.
2. Highlight **Sync now** and press the **Select** soft key or the **OK** key.
3. When the **Synchronize data with T-Mobile Sync?** message displays, press the **Yes** soft key to synchronize the data or press the **No** soft key to cancel.

The information synchronizes with the T-Mobile network and a confirmation dialog displays when finished.

4. Press the  key to return to Idle mode.

### **Viewing the synchronization log**

This feature creates a log of the synchronization activity for viewing.

1. In Idle mode, press **Menu** → **Fun & Apps** → **Organizer** → **Synchronization** and press the **Select** soft key or the  key.
2. Highlight **View log** and press the **Select** soft key or the **OK** key.
3. The screen default displays the all sync log information.
4. Press the **Back** soft key when you are finished viewing the log.
5. Press the  key to return to Idle mode.

### **About sync**

This feature launches the t-zones synchronization information display and provides information about how the synchronization feature works. It also provides a URL for more specific synchronization information.

---

**Note:** Your t-zones feature must be activated by T-Mobile for this feature to work.


---

### **Unit Conversion**


The conversion menu provides the following conversion categories:

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

To convert a currency, length, weight, volume, area, or temperature, do the following:

1. Scroll to the conversion feature you wish to use and press the **Select** soft key or the  key.
2. Enter the quantity you want converted.

---

**Note:** To include a decimal point, press the  key.

---

3. Use the Navigation keys to select the From and To units of measure for the quantity you want converted.
4. Press the **Back** soft key to return to the **Unit conversion** menu.

### **Timer**

You can use this menu to set a timer. To enable the Timer, use the following options:

1. Press the **Set** soft key to enter the length of time.
2. Enter the time and press the **OK** soft key.
3. Press the **OK** key to start the timer. Press the **OK** key again to stop the timer.

### **Stopwatch**

This feature allows you to use a stopwatch. Press the **OK** key to start the stopwatch. Press the **Reset** soft key to erase all previously recorded stopwatch times. Press the **OK** key for the lap time. You can have up to 30 lap times.


## Section 10: Changing Your Settings

---

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

### Sound Settings

You can customize various sound settings.

► In Idle mode, press **Menu** → **Settings** → **Sound settings** and press the **Select** soft key or the  key.

### Incoming call

---

**Note:** When downloading **Mega Tones**® or **HiFi Ringers**™, charges may apply.

---


#### Browse mega tones

Using the **Browse mega tones** option on the sounds list, you can access the web site preset by T-Mobile and download new sounds.

#### Browse HiFi Ringers

Using the **Browse HiFi Ringers** option on the sounds list, you can access the web site preset by T-Mobile and download new HiFi Ringers.

#### Ring tone

This menu allows you to select a ring melody. Highlight **Ring tone** and press the  key. Use the **Up** or **Down** key to highlight a ring tone or press the **Left** or **Right** key to choose between Default melodies, Sounds, and Voice list. Highlight an entry and make your selection by pressing the **Select** soft key.

#### Volume

This menu allows you to adjust the ring volume to one of 7 levels.

Use the **Right** or **Left** key to increase or decrease the volume.

### **Alert type**

This menu allows you to specify how you are informed of incoming calls. Use the **Right** or **Left** key to select a Ring tone type.

The following options are available:

- **Melody**: the phone rings using the ring melody selected in the **Ring tone** menu.
- **Increasing melody**: the melody volume increases.
- **Vibration**: the phone vibrates but does not ring.
- **Melody and vibration**: the phone plays the melody and vibrates simultaneously.
- **Increasing and vibration**: the melody volume increases and vibrates simultaneously.
- **Vibration then melody**: the phone vibrates 3 times and then starts ringing.
- **Melody then vibration**: the phone plays the melody and then vibrates.

### **Message tone**

This menu allows you to set up the ringer for incoming messages. You can set the Tone, Alert type, and Repetition.

- Use the **Up** or **Down** Navigation keys to make your selections.

### **Keypad tone**

This menu allows you to select the key tone and volume that the phone sounds when you press a key.

1. Use the **Left** or **Right** Navigation keys to make your selections.
2. Select **0** to turn the sound off.
3. Highlight **Volume** and press the **Left** or **Right** Navigation keys to adjust the volume.

### **Power-on/off tone**

This menu allows you to select the melody that the phone sounds when it is switched on and off.

- Select **On** to turn the sound on, select **Off** to turn the sound off, then press the **Save** soft key to confirm your selection.

### Extra tones

You can customize additional tones for the phone.

1. To turn a given tone on, press the **OK** key. A check mark displays in front of the option. Press the **Save** soft key to save the setting.
2. To turn a given tone off, press the **OK** key. The check mark no longer displays in front of the option. Press the **Save** soft key to save the setting.

The following options are available:

- **Minute minder:** sets whether or not the phone beeps every minute during an outgoing call to keep you informed of the length of your call.
- **Connection tone:** sets whether or not the phone beeps when your call is connected to the system.
- **Alerts on call:** sets whether or not you receive tones when a message arrives while you are on a call.

### Display Settings

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

- In Idle mode, press **Menu → Settings → Display settings** and press the **Select** soft key or the **OK** key.

#### Wallpaper

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

The following options are available:

- **Browse wallpapers:** allows you to download additional wallpapers from t-zones.
- **Default wallpapers:** allows you to choose from a list of wallpapers included with your phone.
- **Downloaded images:** allows you to choose a photo from your downloaded images folder.

To change the background image:

1. Scroll through the list by pressing the Navigation keys.
2. Make a selection and press the **Save** soft key or the **OK** key. Your wallpaper updates.

### Home screen

In this menu, you can choose to display the calendar on the Main Screen, or set the screen to None to leave the screen blank.



### **Info display**



This menu allows you to set text style (Outline, Shadow, or Normal) and text color (White, Yellow, Blue, Green, Red, or Black).

1. Press the **Left** or **Right** Navigation key to change the settings.
2. Press the **Save** soft key to apply your changes, or the **Cancel** soft key to cancel.




### **Dialing display**

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



To change the size of the font:

1. Highlight the **Font size** option and press the **Select** soft key or the  key.
2. Use the **Left** or **Right** key to select between: **Large**, **Medium**, or **Small**.
3. Press the **Save** soft key or the  key to save your change. Otherwise, press the **Cancel** soft key.

To change the color of the font:

1. Highlight the **Font color** option and press the **Select** soft key or the  key.
2. Use the **Left** or **Right** key to select either **Basic** (black), **Monochrome** or **Gradation**. If you select Monochrome or Gradation, you can select another option by using the **Down** Navigation key and then scrolling through the available choices.
3. Choose from up to 15 different options.
4. Press the **Save** soft key or the  key to save your change. Otherwise, press the **Cancel** soft key or the  key.

To change the background color:

1. Highlight the **Background color** option and press the **Select** soft key or the  key.
2. Use the **Left** or **Right** key to select between 16 different colors or None.
3. Press the **Save** soft key or the  key to save your change. Otherwise, press the **Cancel** soft key.

### **Greeting message**

In this menu you enter the text which displays on the main screen when the phone powers on.

### **Backlight**

A backlight illuminates the internal display and the keypad. When you press any key, the backlight turns on. Backlight turns off when no keys are pressed within a given period of time, depending on the **Backlight** menu setting. The display turns off after one minute to conserve battery power.

The **On** setting is how long the keypad backlight is on. The **Dim** option is the length of time after the keypad backlight goes off that the display remains lit.

To specify the length of time the backlight is active, access the **Backlight** menu:

1. In Idle mode, press **Menu** → **Settings** → **Display settings** and press the **Select** soft key or the **OK** key.
2. Highlight **Backlight** and press the **Select** soft key or the **OK** key.
3. Select **Duration** and press the **Select** soft key or the **OK** key.
4. In the **On** field, select one of the following backlight durations: 10 sec, 30 sec, 1 min, 3 min, or 10 min.
5. Press the **Down** Navigation key to highlight the **Dim** option. Select the time the Dimming mode is on. Choose between Off, 5 sec, 30 sec, 1 min, or 3 min.
6. Press the **Save** soft key to retain your new settings.


### **Brightness**

After you set the backlight duration, set the brightness levels.

1. In Idle mode, press **Menu** → **Settings** → **Display settings** and press the **Select** soft key or the **OK** key.
2. Highlight **Backlight** and press the **Select** soft key or the **OK** key.
3. Select **Brightness** and press the **Select** soft key or the **OK** key.
4. Use the **Left** or **Right** Navigation key to select the Brightness level.
5. Press the **Save** soft key to confirm your selection.



## Contrast

You can adjust the contrast value on the **Main LCD** and the **Front LCD** to make it easier to see them under different lighting conditions.

1. Highlight the **Contrast** option and press the **Select** soft key or the  key.
2. Press the **Up** or **Down** Navigation keys to select which LCD to alter:
  - **Main LCD:** allows you to use the **Up** or **Down** Navigation keys to alter the contrast intensity of the Main internal LCD.
  - **Front LCD:** allows you to use the **Up** or **Down** Navigation keys to alter the contrast intensity of the external LCD.
3. Press the **Up** or **Down** Navigation keys to change these settings.
4. Press the **Save** soft key to save your changes, or the **Cancel** soft key to cancel.



## Phone Settings

You can customize various phone settings.

1. In Idle mode, press **Menu** → **Settings** and press the **Select** soft key or the  key.
2. Highlight the **Phone settings** option and press the **Select** soft key or the  key.

## Time and date

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

1. In Idle mode, press **Menu** → **Settings** → **Phone settings** and press the **Select** soft key or the  key.
2. Highlight the **Time & Date** option and press the **Select** soft key or the  key.

The following options are available:

- **Time zone updating:** allows you to receive time information from T-Mobile's network.
  - **Automatic:** the phone automatically updates the time and date according to the current time zone using the network service.
  - **Manual only:** you need to manually set the time and date according to the current time zone using the Set time menu.
- **Time zone:** displays a selectable list of 30 different time zones.
- **Daylight saving time:** allows you to turn Daylight saving time On or Off.
- **Time:** allows you to change the hour and minute.
- **Date:** allows you to enter the month, day, and year.
- **Time format:** allows you to select whether your time displays in 12 hours or 24 hours format.
- **Date format:** allows you to select MM/DD/YYYY, DD/MM/YYYY, or YYYY/MM/DD format.

To change your time and date settings:

1. Use the **Up** or **Down** Navigation key to select the option you wish to change.
2. To set **Time** or **Date**, use the **Left** or **Right** Navigation key to position the cursor over the number you wish to change.
3. Enter the desired number.
4. To change other options, use the **Left** or **Right** Navigation key to select the desired setting.
5. When you finish changing your settings, press the **Save** soft key to save your settings. Otherwise press the **Cancel** soft key.

---

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

---

## **Language**

This menu allows you to select a display language for Text language and Input mode. Choose from Automatic, English, Français, and Español.

### **Airplane mode**

Airplane Mode allows you to use many of your phone's features, such as Games, Voice note, etc., when you are in an airplane or in any other area where making or receiving calls or data is prohibited. When your phone is in Airplane Mode, it cannot send or receive any calls or access online information.

► Highlight **On** or **Off** and press the **Save** soft key.

## **Security**

The Security feature enables you to restrict the use of your phone by others and to restrict the types of calls.

Various codes and passwords are used to protect the features of your phone.

### **Lock Phone**

When the Lock phone feature is enabled, the phone is locked and you must enter the 4- to 8-digit phone password each time the phone is switched on.

To change the phone password, refer to the next section.

Once you enter the correct password, you can use the phone until you switch it off.

The following options are available:

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

### **Lock application**

Using this menu, you can lock your media contents, such as messages, images, and sounds. Once you have locked the contents, you must enter the phone's password to access the associated menus.

1. To select an item to lock, press the **Up** or **Down** Navigation key.
2. Press the **OK** key to place a check mark next to the item to lock.
  - To lock all of the contents, select **All application**.
3. Highlight the previously selected item and press the **OK** key to remove a checkmark.
4. To lock the marked items, press the **Save** soft key.
5. Enter a password and press the **OK** soft key.

---

**Note:** To change this password, see *"Change password"* on page 90.

---

### **Change password**

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

Once you have entered a new password, you are asked to confirm it by entering it again.

---

**Note:** If you change your password, be sure to write it down and keep it in a safe place. If you forget your password, your phone requires service to have it unlocked.

---

### **Check PIN Code**

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

---

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

---

The following options are available:

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

### **Change PIN code**

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

Once you have entered a new PIN, you are asked to confirm it by entering it again.

### **Set FDN mode**

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

The following options are available:

- **Disable:** you can call any number.
- **Enable:** you can only call phone numbers stored in Phonebook. You must enter your PIN2. You can obtain your PIN2 from T-Mobile's customer service department.

### **Change PIN2 Code**

The Change PIN2 Code feature allows you to change your current PIN2 to a new one. You must first enter the current PIN2 (obtained from T-Mobile) before you can specify a new one. Once you have entered a new PIN2, you are asked to confirm it by entering it again.

---

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

---



## Reset

From this menu you can reset your phone and sound settings to the default settings.

The following options are available:

- **All:** Phone, Display, and Sound settings return to default values.
- **Sound settings:** only sound settings return to default values.
- **Display settings:** only display settings return to default values.
- **Phone settings:** only phone settings return to default values.

To reset your settings:

1. Highlight one of the options or **All** and press the  key to place a check mark next to the option.
2. Press the **Reset** soft key.
3. You are prompted with **Reset settings?**. Press the **Yes** soft key.
4. Enter the password and press the **OK** soft key or the  key. You receive a **reset** confirmation message.

To change this password, see “*Change password*” on page 90.

## Memory Status

You can check the amount of the memory being used and the memory remaining for Shared memory, IM, Messages, Files, Games, Organizer, and the Phonebook.

The display shows the total space including the used and free space. You can also view how much space is currently occupied by each message box.

You can also check how many names and numbers are stored in Phonebook, in both SIM card, phone memory and FDN. You can also see the capacity of both memories.





## Call Settings

To access the Call settings menu:

- In Idle mode, press **Menu** → **Settings** → **Call settings** and press the **Select** soft key or the  key.



### Answer Options

The Answer Options menu allows you to select how your phone answers incoming calls. Use the Up or Down Navigation key to highlight your selection.

1. In Idle mode, press **Menu** → **Settings** → **Call settings** and press the **Select** soft key or the  key.
2. Select **Answer Options** and press the **Select** soft key or the  key.
3. Press the  key to make your selection. Press the **Save** soft key to save your new selection. Options include:
  - **Send key:** answers an incoming call by pressing either the Accept soft key or the  key.
  - **Open flip:** answers an incoming call by just opening the phone.
  - **Any key:** answers an incoming call by pressing any key on your phone.




### Auto Redial

In this menu, you can automatically redial the last number if the call was either cut off or you were unable to connect. Press the key to make your selection. Press the **Save** soft key to save your new selection.

1. In Idle mode, press **Menu** → **Settings** → **Call settings** and press the **Select** soft key or the  key.
2. Select **Auto redial** and press the **Select** soft key or the  key. Options include:
  - **Off:** keeps the phone from automatically redialing the last number if the call was disconnected or the call was cut off.
  - **On:** causes the phone to automatically.

### Show my number

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

1. In Idle mode, press **Menu** → **Settings** → **Call settings** and press the **Select** soft key or the  key.
2. Select **Show my number** and press the **Select** soft key or the  key.
3. Use the Up or Down Navigation key to highlight your selection. Press the  key to make your selection. Press the **Save** soft key to save your new selection. Options include:
  - **Set by network:** uses the default network information to identify you to the other party.
  - **Hide number:** hides your identifying information from the other recipient.
  - **Show number:** displays your identifying information to the other recipient.



## Call Forwarding




This network service enables incoming calls re-route to a secondary number that you specify.

---

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

---

To set your call diverting options:

1. In Idle mode, press **Menu** → **Settings** → **Call settings** and press the **Select** soft key or the  key.
2. Select **Call forwarding** and press the **Select** soft key or the  key.
3. Press the **Up** or **Down** Navigation key to select a call diverting option and then press the **Select** soft key or the  key.

The following options are available:


- **Always:** all calls are forwarded until this feature is cancelled.
- **If busy:** calls are forwarded when you are already on another call.
- **If no reply:** calls are forwarded when you do not answer the phone.
- **If out of reach:** calls are forwarded when you are not in an area covered by T-Mobile or when your phone is switched off.
- **Cancel all:** all call diverting options are canceled.

4. Press the **Up** or **Down** Navigation key to select **Voice calls** or **Data calls** and then press the **Select** soft key or the  key.


The current status displays. If the option was already set, the number to which the calls are forwarded displays.

5. Use the **Left** or **Right** Navigation key to activate call forwarding.

The **Forward to** field activates.

6. Enter the number in which to forward the calls in the **Divert to** text box and press the **Select** soft key or the  key.

---

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

---

7. To deactivate call diverting, select **Deactivate** by using the **Left** or **Right** Navigation key.
8. When you select **If no reply** in step 2, select the length of time the network waits for before forwarding a call.  
The phone sends your settings to the network and the network's acknowledgement displays.

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



Call Barring allows you to restrict specific types of incoming and outgoing calls on your phone. This is useful if you allow someone to use your phone for a short period of time.

### **Call waiting**


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

You can specify individual call waiting options for voice calls and/or data calls.

To set your call waiting options:

1. In Idle mode, press **Menu** → **Settings** → **Call settings** and press the **Select** soft key or the  key.
2. Select **Call waiting** and press the **Select** soft key or the  key.
3. Press the **Up** or **Down** Navigation key to apply the call waiting option to **Voice calls** or **Data calls**.

The screen informs you whether call waiting is activated or deactivated.

4. Press the **Select** soft key or the  key to access the call's status menu.
5. Highlight **Deactivate** or **Activate** and press the **Select** soft key or the  key.

Call waiting is either activated or deactivated for that type of call.

6. Select the **Cancel all** option to deactivate Call waiting on all voice and data calls.

### **Network selection**





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

---

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




---

To change the Network Selection mode:

1. In Idle mode, press **Menu** → **Settings** → **Call settings** and press the **Select** soft key or the  key.
2. Select **Network selection** and press the **Select** soft key or the  key.
3. Highlight the **Search now** option and press the **Select** soft key or the  key.
4. Press the **Up** or **Down** Navigation key until the network you want highlights and then press the **Select** soft key or the  key.

The phone scans for that network and, if available, you are connected.

To change your Default setup:

1. Highlight the **Default setup** option and press the **Select** soft key or the  key.
2. Highlight one of the following options and press the **Select** soft key or the  key:
  - **Automatic:** you are connected to the first available network when roaming.
  - **Manual:** the phone begins searching for available networks. Press the **Up** or **Down** Navigation key until the network you want highlights and then press the **Select** soft key or the  key.

The phone scans the selected network and attempts to connect. If a connection is available, you are connected.

## Synchronization

The first time you access the synchronization feature the handset prompts with the following message:

Synchronization complete! Phone will automatically sync on every phonebook edit you make.

To change sync settings go to, **Settings** → **Synchronization**. To manage your contacts, go to: "t-mobile.com".

This feature allows you to back up (synchronize) Contact information, Schedules, and Events stored on your phone with your T-Mobile account on the network. Each time you edit contact information your phone automatically synchronizes with the web Address Book.


---

**Important!** Synchronization is a service offered to T-Mobile customers.

---

### **Data to Sync**

This feature allows you to synchronize your Contacts, Calendar events, and Task list with your T-Mobile account on the network.


1. In Idle mode, press **Menu** → **Settings** → **Synchronization** and press the **Select** soft key or the **OK** key.
2. Highlight **Data to Sync** and press the **Select** soft key or the **OK** key.
3. Highlight the type of data to synchronize (Contacts, Calendar or Task) and press the **OK** soft key to display a check mark next to the item to synchronize.
4. Press the **Save** soft key.
5. Select the **Sync now** option and press the **Select** soft key or the **OK** key.
6. When the “**Synchronization will start?**” message displays, press the **Continue** soft key.
7. Press the  key to return to the Idle mode.

### **Sync now**

Once you establish the information you want to synchronize, this feature allows you to synchronize with the T-Mobile network.


1. In Idle mode, press **Menu** → **Settings** → **Synchronization** and press the **Select** soft key or the **OK** key.
2. Highlight **Sync now** and press the **Select** soft key or the **OK** key.
3. When the **Synchronize data with T-Mobile Sync?** message displays, press the **Yes** soft key to synchronize the data or press the **No** soft key to cancel.

The information synchronizes with the T-Mobile network and a confirmation dialog displays when finished.

4. Press the  key to return to Idle mode.

### ***Viewing the synchronization log***

This feature creates a log of the synchronization activity for viewing.

1. In Idle mode, press **Menu** → **Settings** → **Synchronization** and press the **Select** soft key or the **OK** key.
2. Highlight **View log** and press the **Select** soft key or the **OK** key.
3. The screen default displays the all sync log information.
4. Press the **Back** soft key when you are finished viewing the log.
5. Press the  key to return to Idle mode.

### ***About sync***

This feature launches the t-zones synchronization information display and provides information about how the synchronization feature works. It also provides a URL for more specific synchronization information.

---

**Note:** Your t-zones feature must be activated by T-Mobile for this feature to work.

---

## Section 11: Health and Safety Information

---

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

### Health and Safety Information

#### ***Exposure to Radio Frequency (RF) Signals***

##### **Certification Information (SAR)**

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government.

These FCC exposure limits are derived from the recommendations of two expert organizations, the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

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

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

- GSM850 Head: 0.478 W/Kg, Body-worn: 0.789 W/Kg.
- GSM1900 Head: 0.803 W/Kg, Body-worn: 0.708 W/Kg.

SAR information on this and other model phones can be viewed on-line at <http://www.fcc.gov/oet/ea>. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone.

Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at [www.fcc.gov/cgb/sar](http://www.fcc.gov/cgb/sar).

### **Samsung Mobile Products and Recycling**

Samsung cares for the environment and encourages its customers to recycle Samsung mobile phones and genuine Samsung accessories.

Go to: <http://www.samsung.com/us/consumer/type/type.do?group=mobilephones&type=mobilephones> for more information.

### **UL Certified Travel Adapter**

The Travel Adapter for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines.

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET. THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

## **Consumer Information on Wireless Phones**

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

### ***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.

### ***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.

### ***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.

### ***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 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 phones 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.

***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 ten 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.

***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 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.

***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.

***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.

***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.

***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.

***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 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.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (Updated 12/1/2006):

- 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.gov/SLTC/radiofrequencyradiation/index.html>
- National Institute for Occupational Safety and Health (NIOSH):  
<http://www.cdc.gov/niosh/homepage.html>
- World Health Organization (WHO):  
<http://www.who.int/peh-emf/>
- 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>

## Road Safety

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

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. 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, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, 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. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.
9. Use your wireless phone to help others in emergencies. 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 non-emergency wireless assistance number when necessary. 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 number.

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

For more information, please call 1-888-901-SAFE, or visit our web-site [www.ctia.org](http://www.ctia.org).

---

**Important!** If you are using a handset other than a standard numeric keypad, please call 1-888-901-7233.

---

Provided by the Cellular Telecommunications & Internet Association.

## **Responsible Listening**

---

**Caution!** Avoid potential hearing loss.

---

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth or other wireless devices).

Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing.

Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings and equipment.

You should follow some commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, you noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

**American Academy of Audiology**

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: [info@audiology.org](mailto:info@audiology.org)

Internet: <http://www.audiology.org>



### **National Institute on Deafness and Other Communication Disorders**

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Voice: (301) 496-7243

Email: [nidcdinfo@nih.gov](mailto:nidcdinfo@nih.gov)

Internet: <http://www.cdc.gov/niosh/topics/noise/default.html>

### **National Institute for Occupational Safety and Health**

Hubert H. Humphrey Bldg.

200 Independence Ave., SW

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4647)

Internet: <http://www.cdc.gov/niosh/topics/noise/default.html>

## **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 if you are using an external antenna).

## Using Your Phone Near Other 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.

### ***Implantable Medical Devices***

A minimum separation of six (6) inches should be maintained between a handheld wireless phone and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the phone more than six (6) inches from their implantable medical device when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless phone with such a device, consult your health care provider.

For more information see:

<http://www.fcc.gov/oet/rfsafety/rf-faqs.html>

### ***Hearing Aid Compatibility with Mobile Phones***

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.

### ***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.

### **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 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.

***Restricting Children's access to your Phone***

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

**FCC Notice and Cautions*****FCC Notice***

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

***Cautions***

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

**Other Important Safety Information**

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both 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 phone in aircraft is illegal 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, or legal action, or both.

## **Product Performance**

### ***Getting the Most Out of Your Signal Reception***

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

### ***Understanding the Power Save Feature***

If your phone is unable to find a signal after searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

### ***Understanding How Your Phone Operates***

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

### ***Maintaining Your Phone's Peak Performance***

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna, if applicable.
- Do not use the phone if the antenna is damaged.
- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.

- Speak directly into the phone's receiver.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

### **Availability of Various Features/Ring Tones**

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

### **Battery Standby and Talk Time**

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

### **Battery Precautions**

- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Do not modify or remanufacture the battery as this could result in serious safety hazards.
- 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.
- Follow battery usage, storage and charging guidelines found in the user's guide.
- Battery charging time depends on the remaining battery charge and the type of battery and 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.
- Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.

- Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, leakage, or other serious hazard.
- 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 place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

## Care and Maintenance

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

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will 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, dirty areas, as its moving parts may be damaged.
- 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.
- If your phone is equipped with an external antenna, 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.





## Section 12: Warranty Information

### Standard Limited Warranty

#### What is Covered and For How Long?

SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

**What is Not Covered?** This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada.

This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

**What are SAMSUNG's Obligations?** During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG.

If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

**WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/LIABILITY?** EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE EXPRESS WRITTEN WARRANTY STATED HEREIN. SOME STATES/PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE, USE, OR MISUSE OF, OR

INABILITY TO USE THE PRODUCT OR ARISING DIRECTLY OR INDIRECTLY FROM THE USE OR LOSS OF USE OF THE PRODUCT OR FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL, CONSEQUENTIAL OR SIMILAR DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS, OR FOR DAMAGES ARISING FROM ANY TORT (INCLUDING NEGLIGENCE OR GROSS NEGLIGENCE) OR FAULT COMMITTED BY SAMSUNG, ITS AGENTS OR EMPLOYEES, OR FOR ANY BREACH OF CONTRACT OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. SOME STATES/PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE/PROVINCE TO PROVINCE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY FOR THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS. THE PARTIES UNDERSTAND THAT THE PURCHASER MAY USE THIRD-PARTY SOFTWARE OR EQUIPMENT IN CONJUNCTION WITH THE PRODUCT. SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRD-PARTY SOFTWARE OR EQUIPMENT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE, INCLUDING THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT. THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

### ***Precautions for Transfer and Disposal***

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

---

**Important!** Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

---

Customer Care Center:

1000 Klein St.

Plano, TX 75074

Toll Free Tel: 1.888.987.HELP (4357)

Samsung Telecommunications America, LLC:

1301 East Lookout Drive

Richardson, Texas 75082

Phone: 1-800-SAMSUNG (726-7864)

---

**Important!** If you are using a handset other than a standard numeric keypad, dial the numbers listed in brackets.

---

Phone: 1-888-987-HELP (4357)

©2008 Samsung Telecommunications America. All rights reserved.

No reproduction in whole or in part allowed without prior written approval. Specifications and availability subject to change without notice.

## Index

---

### A

**ABC mode** 31  
**Accessing a Menu Function** 29  
**Alert type** 84

### B

**Backlight**  
 description 16  
 settings 87

**Battery**  
 charging 7  
 installing 6  
 low indicator 8  
 removing 4

**Broadcast Messages** 63

### C

**Calendar** 74  
**Call Barring** 95  
**Call Functions** 18  
 Adjusting the Call Volume 20  
 Answering a Call 20  
 Call Records 20  
 Correcting the Number 18  
 Ending a Call 18  
 Making a Call 18  
 Making a Call from Phonebook 19  
 Redialing Last Number 19  
 Vibration Mode 23

### Call Records

All calls 21  
 Call time 23  
 Delete 22  
 Incoming calls 22  
 Missed calls 21  
 Outgoing calls 22

**Call Waiting** 27, 95

### Caller Group

Adding 40

**Change password** 90

**Charging a battery** 7

**Contrast** 88

### D

### Dialing a Number

Phonebook 40  
 SIM Card 42

### Dialing display

Background color 86  
 Font color 86  
 Font size 86

### Display

backlight 16  
 icons 14  
 View tab icons 16

**DTMF** 26

## E

### Entering Text 31

- Changing the Text Entry Mode 31
- Using ABC Mode 34
- Using Number Mode 34
- Using Symbol Mode 34
- Using T9 Mode 32

### Extra tones 85

## F

### Files 69

### Fun & Apps 69

### Functions and Options 23

## G

### Games 71

### Get more ringtones 83

### Getting additional ringtones 83

### Getting Started 4

- Activating Your Phone 4
- Voice mail 9

## H

### Health and Safety Information 99

### Help 17

### HiFi Ringers 69, 83

## I

### Icons, description 14, 16

### Instant Messaging 63

### International Call 18

## K

### Keypad Tone 84

## L

### Lock Phone 90

### Low battery indicator 8

## M

### Making a Call

- Phonebook 19

### MegaTones 69, 83

### Menu Navigation 29

### Message Management 60

### Message settings

- Picture message 61
- Receive settings 61
- Send settings 61
- Text message 60

### Message Tone 84

### Messages 48

### Messaging

- Types of Messages 48

### Missed Call

- Viewing 21

### Multi-Party Call 27

- Dropping One Participant 28
- Private Conversation 28
- Setting up 27

### Mute 25

## N

### Network Selection 95

### Network Services

- Call Barring 95
- Call Waiting 95
- Network Selection 95

### Number mode 31

## O

**On/off switch, phone** 8

### Options

- During a Call 25
- Making a New call while in a call 25
- Putting a Call on Hold 25

### Organizer 72

- Calculator 78
- Calendar 74
- Stopwatch 82
- Synchronization 79
- Task List 77
- Timer 82
- Tip calculator 78
- Unit Conversion 81
- World time 79

### Own Number 46

## P

### Phone

- icons 14, 16
- switching on/off 8

### Phone Keys 11

### Phone Safety 110

### Phone Settings 88

### Phonebook

- Searching for a Number 26

### Picture Messages 51

### PIN

- change 91

### Push message

- viewing in Inbox 58

## R

### Reset settings 92

### Ring tone 83

### Ring Volume 83

## S

### SAR values 99

### Security 89

### Settings 83

- Call Settings 92
- Display 85
- Phone 88
- Reset 92
- Security 89
- Sound 83
- Synchronization 96
- Time and date 88

### Shortcuts 30

### SIM card

- installation 5
- installing 4

### Soft Keys 24

### Sound Settings

- Alert type 84
- Extra tones 85
- HiFi Ringers 83
- Incoming call 83
- Keypad tone 84
- MegaTones 83
- Power on/off tone 84
- Ring tone 83
- Ring volume 83

### Speakerphone 26

### **Speed Dial**

Setting Up Entries 43

### **Standard Limited Warranty**

118

### **Stopwatch** 82

### **Storing a Number**

phone's memory 36

### **Storing the phonebook**

on SIM card 37

### **Switching on/off**

phone 8

### **Symbol mode** 31

## **T**

### **T9 mode** 31

### **Text input mode**

changing 31

### **Text Messages** 49

### **Timer** 82

### **t-zones** 65

Bookmarks 67

Enter URL 67

Entering Text 65

Exiting 65

Home 65

Navigating 65

## **U**

### **UL Certification** 100

### **Understanding Your Phone** 10

Closed View 13

Features of Your Phone 10

Open View 11

### **Understanding Your Phonebook** 36

Finding a Phonebook Entry 39

Own Number 46

Using Contacts List 36

### **Using Management**

Checking the Memory Status 43, 45

## **V**

### **View tab** 15

### **Voice Mail** 9, 60

## **W**

### **Wall charger** 7

### **Warranty Information** 118