

**Sound Settings** 

You can customize various sound settings for your phone.

#### **Incoming call**

#### **Get More MegaTones**

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

## **Get More HiFi Ringers**

Using the **Get More HiFi Ringers** option, you can access the web site preset by T-Mobile and download new HiFi Ringers.

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

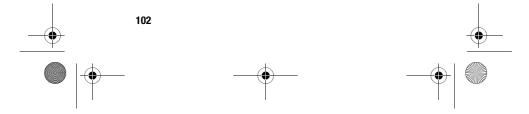
#### RingTone

This menu allows you to select a ring melody. Highlight **RingTone** and press the key. Use the **Up** or **Down** key and select My sounds, Music, or Default sounds. Then use the key to select a ringtone.

#### **Volume**

This menu allows you to adjust the ring volume to one of 5 levels.

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





• **Melody**: the phone rings using the ring melody selected in the Ringtone menu.

- Vibration: the phone vibrates but does not ring.
- Vibration then melody: the phone vibrates 3 times and then starts ringing.

### **Keypad tone**

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

Use the **Right** or **Left** navigation key to make your selections.

To turn off the sound, select **Off**.

## Message tone

This menu allows you to set the message tone for incoming Text, Picture, and Broadcast messages. You can set the Tone, Alert type, and Repetition.

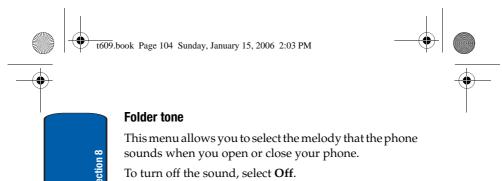
Use the **Right** or **Left** navigation key to make your selections.

## Power on/off

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

To turn off the sound, select Off.





## Silent mode

This menu allows you to select whether or not your phone will vibrate while in quiet mode. You may choose between **Vibration** and **Mute**.

#### **Extra tones**

You can customize additional tones for the phone.

- To turn a given tone on, press the key. A check mark displays in front of the option.
- 2. To turn a given tone off, press the key. The check mark no longer displays in front of the option.

The following options are available:

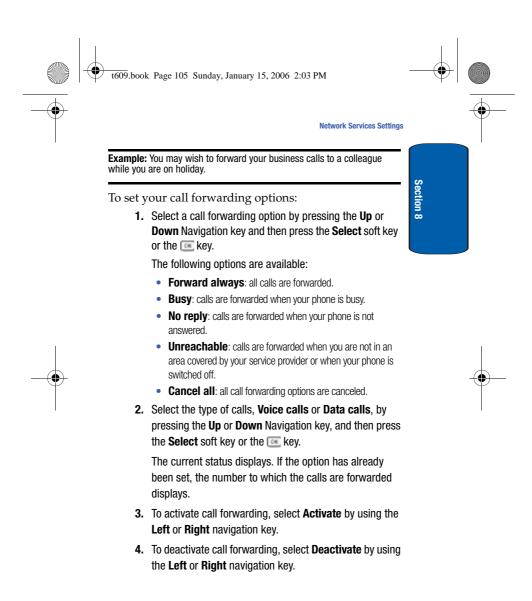
- Minute minder: sets whether or not the phone beeps every minute during an outgoing call to keep you informed of the length of your call.
- Connection tone: sets whether or not the phone beeps when your call is connected to the system.
- Alerts on call: sets whether or not you receive tones when a message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

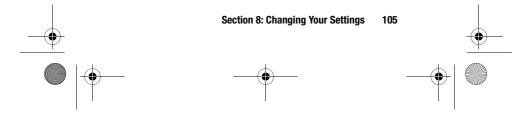
## **Network Services Settings**

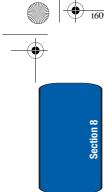
## **Call forwarding**

This network service enables incoming calls to be rerouted to the number that you specify.

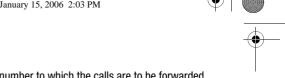












**5.** Enter the number to which the calls are to be forwarded in the **Forward to** text box and press the **Select** soft key or the key.

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

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

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

Call Barring allows you to restrict specific types of incoming and outgoing calls for 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.

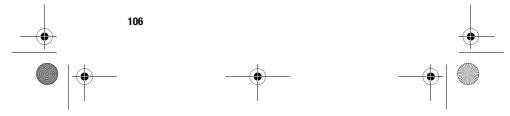
You can specify individual call waiting options for voice calls and/or data calls.

To set your call waiting options:

 Select the type of calls, Voice calls or Data calls, to which the call waiting option is to be applied by pressing the Up or Down Navigation key and then press the Select soft key or the key.

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

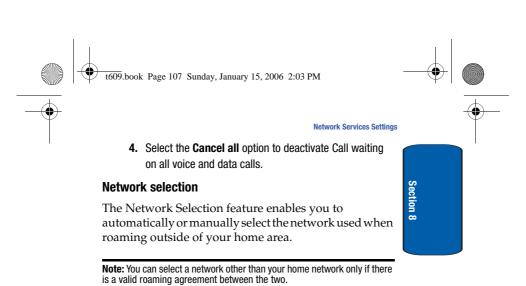
- 2. Highlight Activate or Deactivate and press the Select soft key or the <a> key</a>.
- 3. Call waiting will then be activated or deactivated.

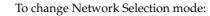










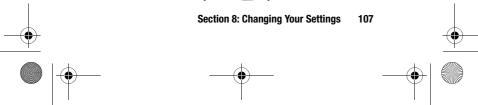


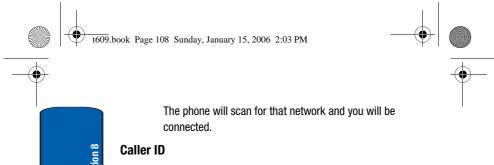
- 1. Highlight the **Search now** option and press the **Select** soft key or the <a> key</a>.
- Press the Up or Down Navigation key until the network you want highlights and then press the Select soft key or the key.

The phone will scan for that network and you will be connected.

To change you Default setup:

- 1. Highlight the **Default setup** option and press the **Select** soft key or the key.
- 2. Highlight either the Automatic or Manual option and press the Select soft key or the ... key.
  - If you select **Automatic**, you are connected to the first available network when roaming.
- 3. If you select **Manual**, press the **Up** or **Down** Navigation key until the network you want highlights and then press the **Select** soft key or the <a href="#">E</a> key.





You can prevent your phone number from being displayed on the phone of the person being called.

Note: Some networks do not allow you to change this setting.

The following options are available:

- **Default**: the default setting provided by the network is used.
- Hide number: your number does not display on the other person's phone.
- Send number: your number is sent each time you make a call.

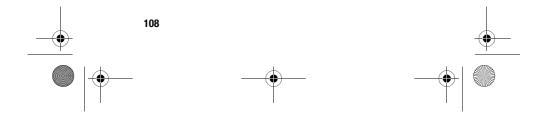
## **Bluetooth**

#### **About Bluetooth**

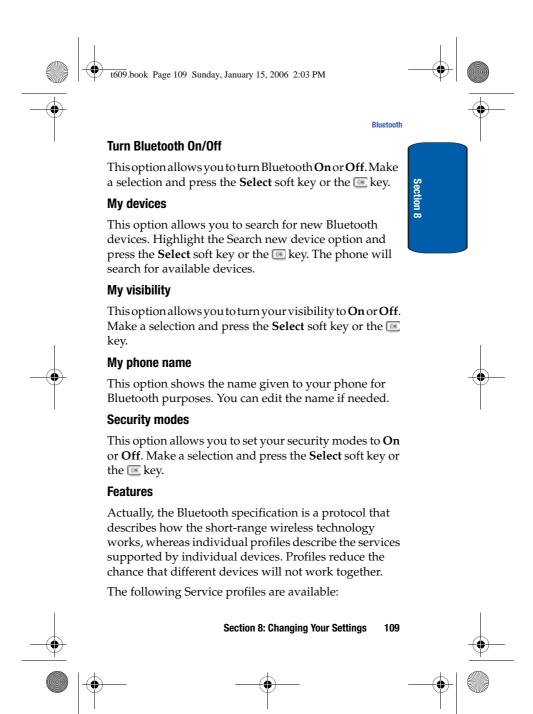
Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 30 feet without requiring a physical connection.

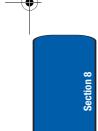
Unlike infrared, you don't need to line up the devices to beam information with Bluetooth. If the devices are within a range of one another, you can exchange information between them, even if they are located in different rooms.

The following Bluetooth options are available:

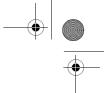












- Headset: The remote Bluetooth headset enables outgoing and incoming calls.
- Handsfree: The remote Bluetooth car kit enables outgoing and incoming calls.
- Serial port: The remote Bluetooth device acts as a virtual serial port.
- Dial up networking: The remote Bluetooth device enables Internet access through a phone modem.
- File transfer: The remote Bluetooth device enables users to transfer files from their handset to others.
- Object push: The remote Bluetooth device enables the transfer of personal data (e.g. vCard, vCalendar, etc.) to other devices.



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.

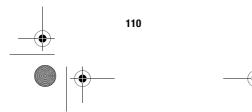


When the PIN Check feature is enabled, you must enter your PIN each time you switch on the phone. Consequently, any person who does not have your PIN cannot use your phone without your approval.

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

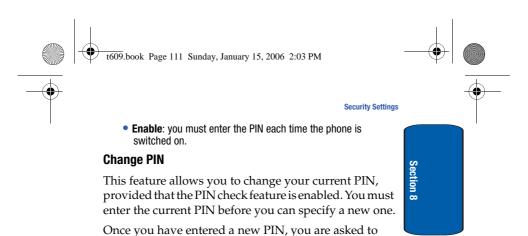
The following options are available:

 Disable: the phone connects directly to the network when you switch it on.









## Phone lock

When the Phone lock 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.

The password is preset to "00000000" at the factory. To change the phone password, see "Change password" on page 111.

Once the correct password has been entered, you can use the phone until you switch it off.

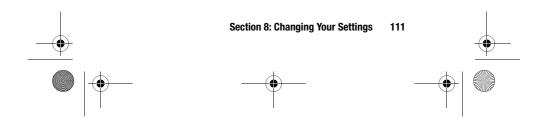
The following options are available:

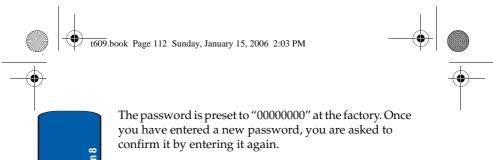
confirm it by entering it again.

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

#### **Change 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.





**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 will require service to have it unlocked.

### **Privacy**

Using the Privacy option, you can lockeverything on your phone with the exception of making a call. The password must be entered to access Menu mode or t-zones.

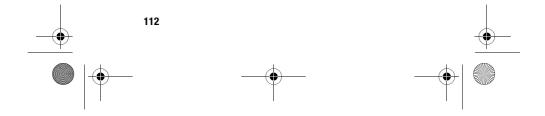
To enable Privacy:

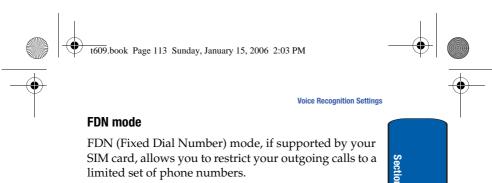
- Highlight the Enable option and press the Select soft key or the key.
- 2. Enter your password and press the **OK** soft key or the key
- 3. "Privacy Activated" will appear on your screen.

To disable Privacy:

- 1. Highlight the **Disable** option and press the **Select** soft key or the **E** key.
- 2. Enter your password and press the **OK** soft key or the key
- 3. "Privacy Deactivated" will appear on your screen.

**Note:** The password is preset to "00000000" at the factory. To change this password, see "Change password" on page 111.



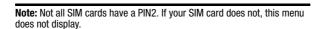


The following options are available:

- 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 your service provider.

#### **Change PIN2**

The Change PIN2 feature allows you to change your current PIN2 to a new one. You must enter the current PIN2 before you can specify a new one. Once you have entered a new PIN2, you are asked to confirm it by entering it again.



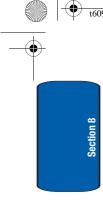
# **Voice Recognition Settings**

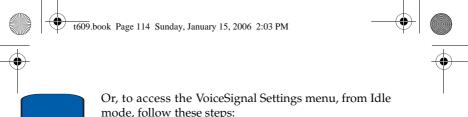
You can adjust the settings and preferences for VoiceSignal by opening the Voice recognition settings menu.

To access the VoiceSignal Settings menu, while in the VoiceSignal application, follow these steps:

- 1. Press the Settings soft key.
- **2.** Use the navigation keys to select the setting you want to change.





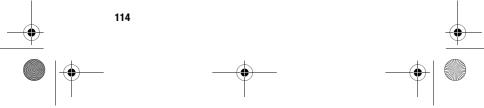


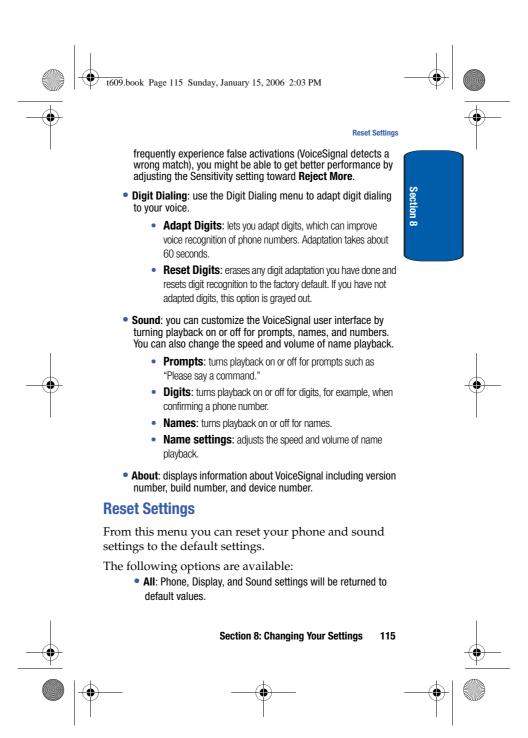
mode, follow these steps:

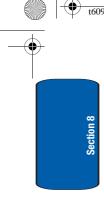
- 1. In Idle mode, press the Menu soft key to access Menu
- 2. Using the Navigation keys, scroll to the **Settings** icon. menu.
- 3. Highlight Voice recognition settings and press the **Select** soft key or the <a></a> key.

The following options are available:

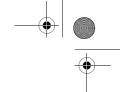
- Choice Lists: if VoiceSignal is not absolutely confident that it has correctly identified a name or number, it can display a choice list of up to three possibilities, and prompt you to confirm the correct one. You can control when choice lists appear by changing the Choice Lists setting to the following:
  - Automatic: VoiceSignal displays a choice list when it is not confident it has identified the correct choice from among multiple alternatives.
  - Always On: when there are multiple alternatives, VoiceSignal always displays a choice list.
  - Always Off: VoiceSignal never displays a choice list. Instead, the application picks the best from among the possible
- Sensitivity: in VoiceSignal, sensitivity controls the balance between rejecting too much, which means the phone frequently does not recognize names, numbers, or commands, and rejecting too little, which means it frequently recognizes something even if nothing was said. When VoiceSignal rejects an utterance, it displays a message such as "Please repeat..." or "No match found." If you frequently experience these messages, you might be able to get better recognition by adjusting the Sensitivity setting toward Reject Less. If you











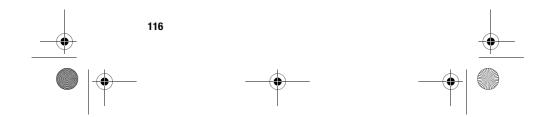
- **Phone settings**: only phone settings will be returned to default values.
- **Display settings**: only display settings will be returned to default values.
- **Sound settings**: only sound settings will be returned to default values.

To reset your settings:

- 1. Highlight one of the options and press the <a> key to</a> place a check mark next to the option.
- 2. Press the Reset soft key.
- **3.** You will be prompted with **Reset settings?**. Press the **Yes** soft key.
- **4.** Enter the 4- to 8-digit password and press the **OK** soft key or the key. You will receive a **Reset** confirmation message.

The password is preset to "00000000." To change this password, see "Change password" on page 111.





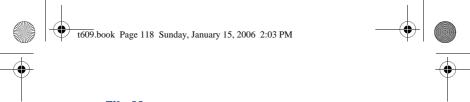


- Games
- Audio Player
- Camera
- Voice Recognition
- Organizer
- PIM Sync



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



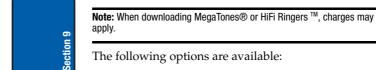


# File Manager

File Manager allows you to manage your sounds, images, icons, music, and videos in one convenient location.

#### 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.



## **Get More MegaTones**

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

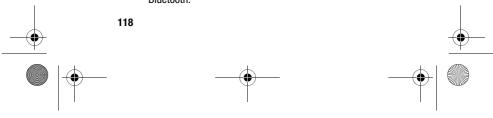
# **Get More HiFi Ringers**

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

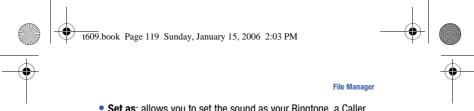
## My sounds

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

- Download new: takes you to t-zones where you can download new sounds.
- Play: plays the sound.
- Send via: allows you to send the sound via Picture message or Bluetooth.





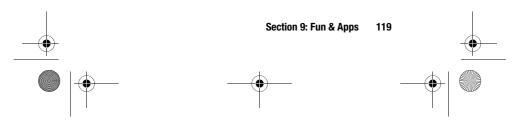


- Set as: allows you to set the sound as your Ringtone, a Caller ringtone, or an Alarm tone.
- Move to memory card: allows you to move the sound to your TransFlash memory card.
- Copy to memory card: allows you to copy the sound to your TransFlash memory card.
- Delete: allows you to delete the sound or delete all sounds.
- Rename: allows you to change the name of the sound.
- Share for Bluetooth: allows the sound to be shared or released for the use of another Bluetooth device.
- Protection: allows you to lock the sound to protect it from deletion
- Properties: displays the sound name, date, format, length, size, and protection.

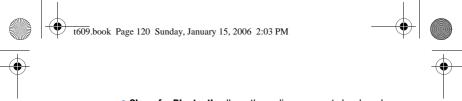


The Voice list contains your recorded audio messages. Highlight an item in the **Voice list** menu and press the **Options** soft key. The following options are available:

- Play: plays the audio message.
- Send via: allows you to send the audio message via Picture message or Bluetooth.
- Move to memory card: allows you to move the audio message to your TransFlash memory card.
- Copy to memory card: allows you to copy the audio message to your TransFlash memory card.
- Delete: allows you to delete the audio message or delete all audio messages.
- Rename: allows you to change the name of the audio message.







- Share for Bluetooth: allows the audio message to be shared or released for the use of another Bluetooth device.
- Protection: allows you to lock the audio message to protect it from deletion.
- Properties: displays the audio message name, date, format, length, size, and protection.

#### **Memory card**

Select this option to see the sounds that you have saved to your memory card.

**Note:** The Memory card option will only appear if a TransFlash memory card has been inserted in your phone.



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

The following options are available:

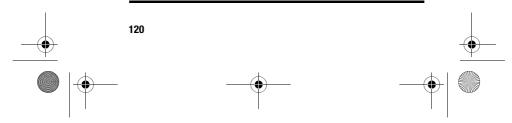
## **Get More Wallpapers**

Using the **Get More Wallpapers** option, you can access the web site preset by T-Mobile and download new images.

## **My Album**

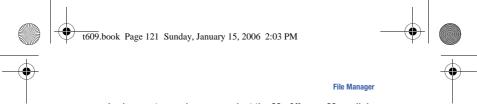
This menu provides the ability for you to view the photos you have stored on the t-zone browser. Use the following procedures to access **My Album**.

Note: When viewing photos on My Album, charges may apply.









- 1. In your t-zone browser, select the My Albums Menu link and press the Select soft key or the key.
- **2.** Photos sent to this folder are stored in the **Inbox Album**. Press the **Select** soft key to view the photos.
- 3. Press the key to exit t-zones and return to the Idle screen.

#### **My Journal**

This menu provides the ability for you to store your photos using the t-zone browser.

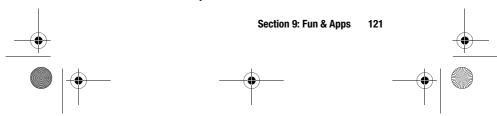
Note: When storing photos on My Journal, charges may apply.

#### My downloads

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:

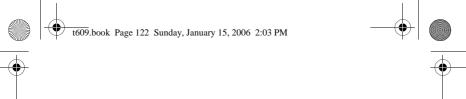
- Download new: takes you to t-zones where you can download new images.
- View: displays the image.
- Send via: allows you to send the image via Picture message or Bluetooth.
- Set as: allows you to set the image as Wallpaper or as a Caller ID.
- Move to memory card: allows you to move the item to the TransFlash memory card.
- Copy to memory card: allows you to copy the item to the TransFlash memory card.









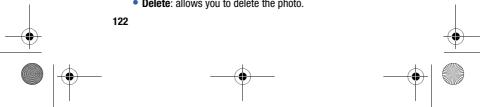


- Delete: allows you to delete the image.
- Rename: allows you to change the name of the item.
- Display mode: allows you to see your images displayed in a Line view or in Thumbnail view.
- . Slide show: allows you to see all of your photos in a slide show
- Share for Bluetooth: allows the image to be shared or released for the use of another Bluetooth device.
- Protection: allows you to lock the image to protect it from
- Properties: displays the image name, date, format, resolution, size, quality, and protection.

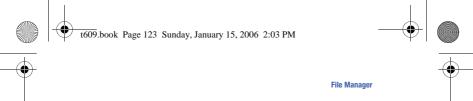
In this menu you can review the photos you've taken. Highlight a photo and press the **Options** soft key to choose from the following options:



- Send to My Album: sends the photo to My Album.
- Send via: allows you to send the image via Picture message or Bluetooth.
- Default destination: allows you to remove or replace the default destination.
- Set as: allows you to set the photo as Wallpaper or as a Caller
- Move to memory card: allows you to move the photo to the TransFlash memory card.
- Copy to memory card: allows you to copy the photo to the TransFlash memory card.
- Delete: allows you to delete the photo.



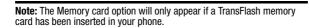




- Rename: allows you to change the name of the photo.
- Display mode: allows you to see your images displayed in a Line view or in Thumbnail view.
- Slide Show: allows you to see all of your photos in a slide show presentation.
- Share for Bluetooth: allows the photo to be shared or released for the use of another Bluetooth device.
- Protection: allows you to lock the image to protect it from deletion.
- Properties: displays the image name, date, format, resolution, size, and protection.

#### **Memory card**

Select this option to see the images that you have saved to your memory card.



## Videos

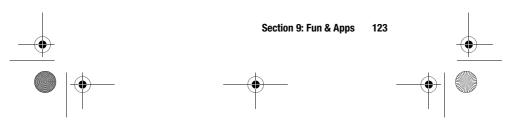
In this menu, you can view a list of videos downloaded from the web server or received in multimedia messages. The following options are available:

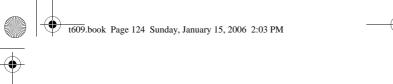
## Downloaded videos

This menu allows you to access your downloaded video clips.

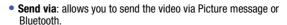
Scroll to the video you want to view. By pressing the **Options** soft key you can access the following options:

• Play: plays the video.









- Move to memory card: allows you to move the video to the TransFlash memory card.
- Copy to memory card: allows you to copy the video to the TransFlash memory card.
- Delete: allows you to delete the video.
- Rename: allows you to change the name of the video.
- Display mode: allows you to see your videos displayed in a Line view or in Thumbnail view.
- Share for Bluetooth: allows the video to be shared or released for the use of another Bluetooth device.
- Protection: allows you to lock the video to protect it from deletion.
- Properties: displays the video name, date, format, resolution, size, length, quality, and protection.

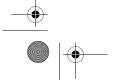


#### My videos

In this menu you can review the photos you've taken. Highlight a video and press the **Options** soft key to choose from the following options:

- Play: plays the video.
- Send via: allows you to send the video via Picture message or Bluetooth.
- Move to memory card: allows you to move the video to the TransFlash memory card.
- Copy to memory card: allows you to copy the video to the TransFlash memory card.
- Delete: allows you to delete the video.
- Rename: allows you to change the name of the video.



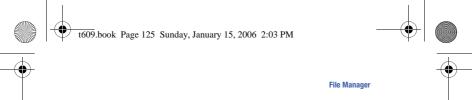












- Display mode: allows you to see your videos displayed in a Line view or in Thumbnail view.
- Share for Bluetooth: allows the video to be shared or released for the use of another Bluetooth device.
- Protection: allows you to lock the video to protect it from
- Properties: displays the video name, date, format, resolution, size, length, quality, and protection.

#### **Memory card**

Select this option to see the videos that you have saved to your memory card.

**Note:** The Memory card option will only appear if a TransFlash memory card has been inserted in your phone.

#### Music

#### My music

This options allows you to access your MP3 files in your Music list.

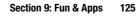
## **Memory card**

Select this option to see the music files that you have saved to your memory card.

**Note:** The Memory card option will only appear if a TransFlash memory card has been inserted in your phone.

# Other files

 $This \, option \, allows \, you \, to \, view \, other \, types \, of \, files \, that \, you \,$ have stored on your phone. This includes Excel spreadsheets, text files, wmf files, PowerPoint





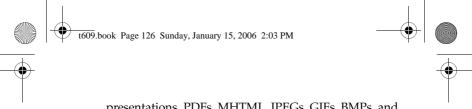












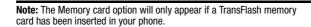
presentations, PDFs, MHTML, JPEGs, GIFs, BMPs, and Word documents. You can send these files by picture message or Bluetooth. You can also move or copy the files to your memory card.

#### **Memory card**

You can check the contents of your TransFlash memory card and see what has been saved there. Press the  $\mathbf{Up}$  or Down navigation keys to scroll between Sounds, Images, Videos, Music, and Other files.

After selecting a folder, press the **Options** soft key for the following options:

- Open: allows you to open the folder so you can access its contents.
- Create folder: allows you to create a new folder.
- Properties: lists the folder name, date, format, size, and protection.
- Memory card info: lists the Memory card capacity, used space, and free space.

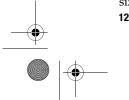


For more information on downloading files from your PC to your Memory card, contact your service provider.

#### **Memory status**

You can check the amount of memory being used and memory remaining for sounds, music, images, videos, and other files. You can select Phone or Memory card. Press the Left or Right navigation keys to scroll between size and count.









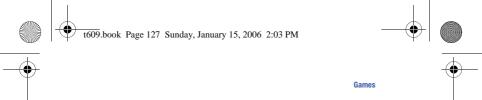












#### Games

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

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

**Note:** Java services may not be available, depending on your service provider.

### **Get more games**

You can download more games from the web site preset by your service provider using the **Get more games** option.

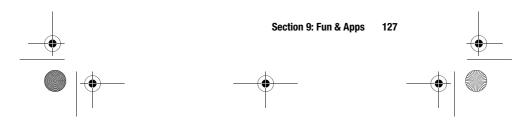
## My games

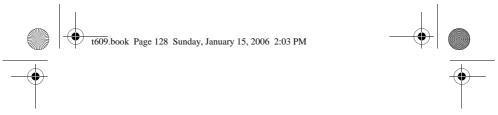
- 1. Scroll to the MIDlet you want on the Games list and press the 📧 key.
- 2. The startup screen of the MIDIet will be displayed along with game options. Use the Navigation keys to scroll between options. Press the key to make a selection.

Note: MIDIet game options will differ depending on the MIDIet you select.

## **Audio Player**

The Audio Player can be used to play files you have loaded from your PC to your TransFlash memory card.



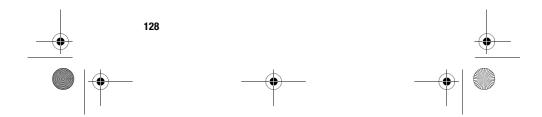


Note: The following characters cannot be used in the filename: / \ \* ? " < > : | 9
The file name is limited to 47 total characters).

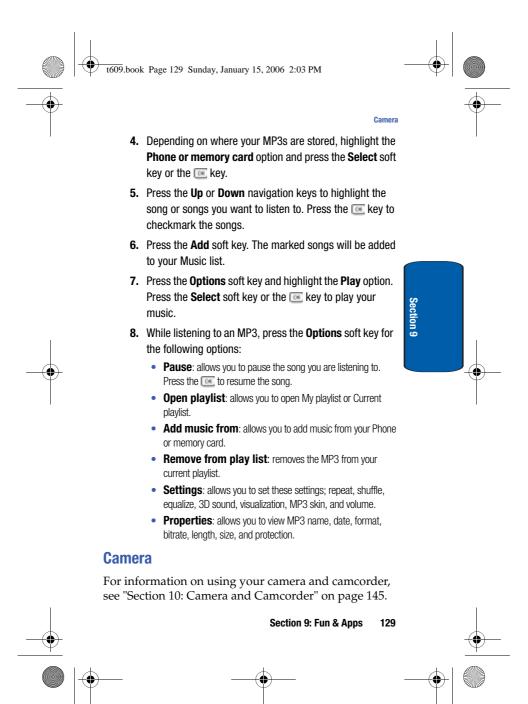
- 1. In the Fun & Apps menu, select **Audio player** and press the **Select** soft key or the key.
- **2.** Before you select an MP3, press the **Options** soft key to select from the following options:
  - Add music from: allows you to add music from your Phone or memory card.
  - **Settings**: allows you to set these settings; repeat mode, shuffle, visualization, backlight, and volume.

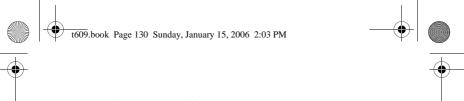
After you select an MP3, press the **Options** soft key to select from the following options:

- Play: allows you to listen to the MP3 from your phone.
- Open playlist: allows you to view your Music list and select other songs.
- Add music from: allows you to add music from your Phone or memory card.
- **Remove from playlist**: removes the selected MP3 from your current playlist.
- **Settings**: allows you to set these settings; repeat mode, shuffle, visualization, backlight, and volume.
- **Properties**: allows you to view MP3 name, date, format, bitrate, length, size, and protection.
- 3. Highlight the **Add music from** option and press the **Select** soft key or the key.









# **Voice Recognition**

VoiceSignal is advanced speech recognition software that can be used to activate a wide-variety of functions on your phone. VoiceSignal software automatically voice activates all contacts for voice dialing and searching, no pre-recording or training needed. Speak phone numbers naturally to dial, and use voice commands to launch applications and navigate phone menus.

#### **VoiceSignal Options**

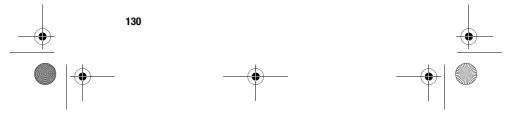
The following is a list of functions that you can perform using VoiceSignal speech recognition on your phone.

- Call <Name or #>: dial by saying either a Name or a number in your Contacts list
- Send Text<Name>: send a text message to a number or to someone in your Contacts List.
- Lookup <Name>: open the contact record for any name in your Contacts list.
- Go To <App>: open any application installed on your device.
- Check <Item>: provides details of your network coverage, signal strength, and battery level.

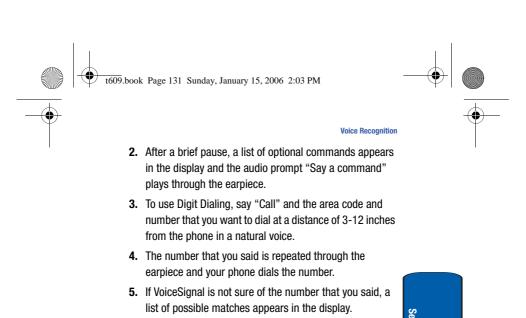
#### **Call Digit Dialing**

Digit Dial allows you to dial any phone number by simply speaking the digits into the phone. No training is necessary, and Digit Dial is programmed to understand natural speech.

1. In Idle mode, select the VoiceSignal shortcut (**Right** navigation key).







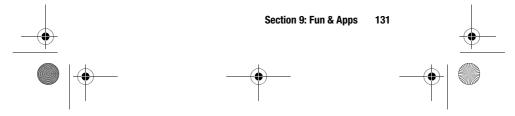
## **Call Name Dialing**

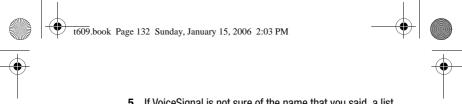
To use Name Dial, you'll need to have entries stored in your Phonebook. See 'Section 6: Understanding Your Phonebook" on page 53 for information on creating Phonebook entries.

6. You're asked to confirm the correct number as

VoiceSignal displays the results. Say "Yes" or "No" to confirm or reject the number when prompted.

- 1. In Idle mode, select the VoiceSignal shortcut (**Right** navigation key).
- 2. After a brief pause, a list of optional commands appears in the display and the audio prompt "Say a command" plays through the earpiece.
- **3.** To use Name Dialing, say "Call" and the name of the contact that you want to dial.
- **4.** The name that you said is repeated through the earpiece and your phone dials the number.





- **5.** If VoiceSignal is not sure of the name that you said, a list of possible matches appears in the display.
- **6.** You're asked to confirm the correct number as VoiceSignal displays the results. Say "Yes" or "No" to confirm or reject the number when prompted.
- **7.** The location is repeated through the earpiece and your phone dials the number.

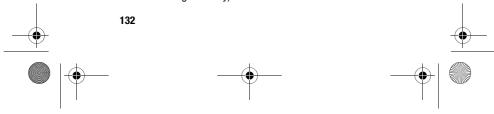


- **1.** In Idle mode, select the VoiceSignal shortcut (**Right** navigation key).
- **2.** A list of commands appears in the display and the audio prompt "Say a command" plays through the earpiece.
- **3.** Say "Send Text" at a distance of 3-12 inches from the microphone. "Say the Name or Number" plays through the earpiece.
- **4.** After you say a name or number, you might be prompted, "Did you say?" To confirm a name or number, wait for the beep and then say "Yes."
- **5.** You can also choose the correct name or number from the choice list using the phone's arrow keys.
- **6.** The Text Message client is launched. Enter your text message.

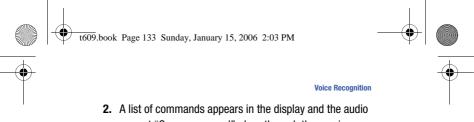
## **Name Lookup**

To perform a name lookup, you'll need to have some entries in your Contacts list.

**1.** In Idle mode, select the VoiceSignal shortcut (**Right** navigation key).







- prompt "Say a command" plays through the earpiece.
- 3. Say "Lookup" at a distance of 3-12 inches from the microphone. "Say the name" plays through the earpiece.
- 4. Say the name exactly as it is displayed in your Contacts list, first name followed by last name.
- 5. The contact name appears in the display with other information that you've entered for that contact.

#### **Opening Applications**

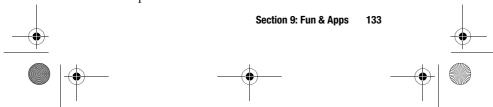
You can open an application or access a menu on your phone using VoiceSignal.

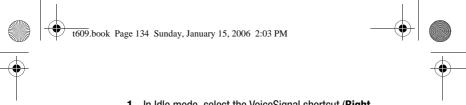
- 1. In Idle mode, select the VoiceSignal shortcut (Right navigation key).
- 2. A list of commands appears in the display and the audio prompt "Say a command" plays through the earpiece.
- 3. Say "Go To" at a distance of 3-12 inches from the microphone. A list of options displays and a prompt of "Please choose" plays through the earpiece. If the option you desire is not listed, say "Next Menu" to scroll to the next page.
- 4. The menu option spoken opens.

### **Checking Phone Status**

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

To check phone status:





- 1. In Idle mode, select the VoiceSignal shortcut (Right navigation key).
- 2. A list of commands appears in the display and the audio prompt "Say a command" plays through the earpiece.
- 3. Say "Check" at a distance of 3-12 inches from the microphone. A list of options displays and a prompt of "Please choose" plays through the earpiece.
- 4. The phone status menu option spoken is displayed.



The Organizer allows you to set alarms, schedule appointments, view the calendar, create To-Do lists, perform simple math calculations, check world time, perform unit conversions, set a timer, and use a stopwatch.



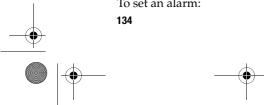
This feature allows you to:

- 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:

- Wake-up call: the alarm rings to wake you up in the morning.
- Alarm1: set the day, time, and tone for this alarm.
- Alarm2: set the day, time, and tone for this alarm.
- Auto power: alarm rings at the specified time even if the phone is turned off. If the option is set to **Off** and the phone is switched off at the specified time, the alarm does not ring.

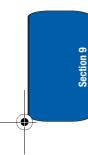
To set an alarm:

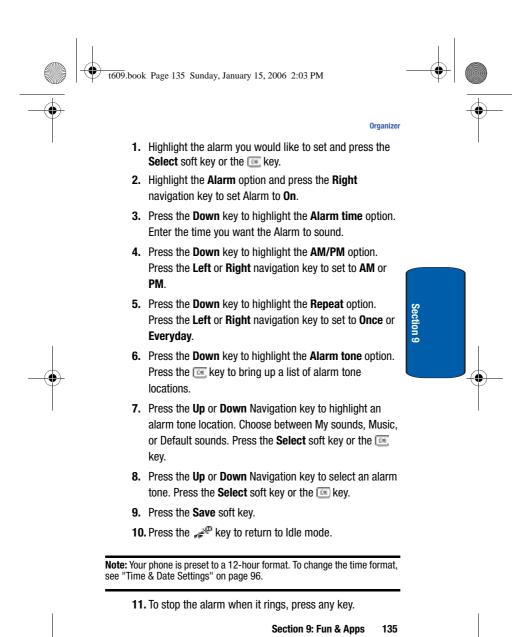


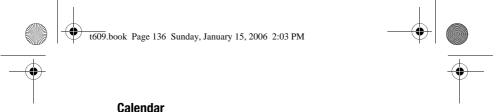












With the Calendar feature, you can:

- oconsult the calendar by month, week, or day.
- set schedules and note anniversaries
- make a To do 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:



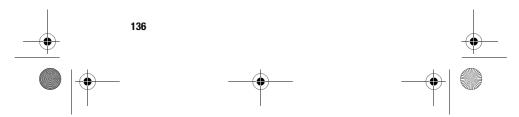
Anniversary events

Miscellaneous items

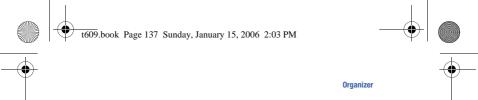
The number of entries next to each icon reflects the number of entries for the selected day on the calendar.

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

 View mode: allows you to select between Day view or Week view of the selected day.







- Create: allows you to create a Schedule, Anniversary, Miscellaneous, or To do event.
- Go to: allows you to see the Month view with today's date highlighted or a specified date.
- Delete: allows you to delete all events for a selected date, or delete all events for preceding dates. You can also delete all events.

#### Week view

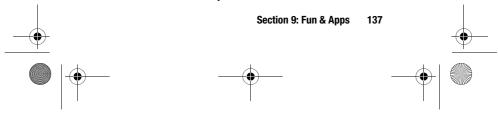
When you select this option, the calendar displays the selected week with today's date and time highlighted. The following options are available when you press the **Options** soft key:

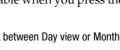
- View mode: allows you to select between Day view or Month view of the selected day.
- Create: allows you to create a Schedule, Anniversary, Miscellaneous, or To do event.
- Go to: allows you to see the Week view with today's date highlighted or a specified date.
- Delete: allows you to delete all events for a selected date, or delete all events for preceding 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:

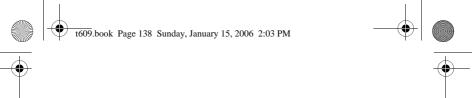
- Create: allows you to create a Schedule, Anniversary, Miscellaneous, or To do event.
- View mode: allows you to select between Month view or Week view of the selected day.











#### **Schedule**

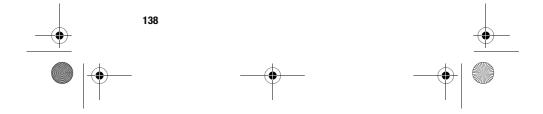
This option allows you to write memos to a schedule.

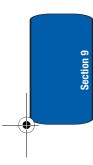
- From Month, Week, or Day View, press the Options soft key. Highlight the Create option and press the Select soft key or the key.
- 2. Highlight the **Schedule** option and press the **Select** soft key or the <a> key</a>.
- 3. Enter the subject in the **Subject** text box then press the **Down** soft key.
- 4. Continue to enter other information including Details, Start date, Start time, AM/PM, End date, End time, AM/ PM, Location, Alarm, and Alarm tone. Check the Repeat box using the key if you want to repeat the alarm.
- **5.** When you are finished, press the **Save** soft key. Your information is saved to the Schedule.

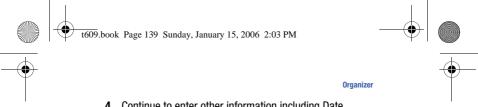
# **Anniversary**

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

- From Month, Week, or Day View, press the Options soft key. Highlight the Create option and press the Select soft key or the key.
- 2. Highlight the **Anniversary** option and press the **Select** soft key or the <a> key</a>.
- 3. Enter the occasion in the **Occasion** text box then press the **Down** soft key.







- **4.** Continue to enter other information including Date, Alarm, Alarm time, AM/PM, Alarm tone, and whether or not to Repeat every year.
- **5.** When you are finished, press the **Save** soft key. Your Anniversary information is saved to the Calendar.

#### Miscellaneous

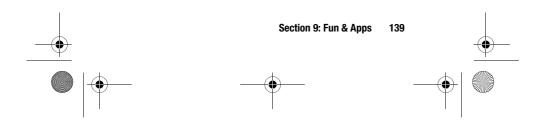
This option allows you to record miscellaneous dates or events in your calendar.

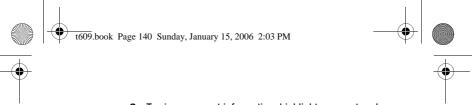
- From Month, Week, or Day View, press the **Options** soft key. Highlight the **Create** option and press the **Select** soft key or the key.
- 2. Highlight the **Miscellaneous** option and press the **Select** soft key or the **key**.
- 3. Enter the subject in the **Subject** text box then press the **Down** soft key.
- Continue to enter other information including Details, Start date, Start time, AM/PM, End date, End time, and AM/PM.
- **5.** When you are finished, press the **Save** soft key. Your Miscellaneous information is saved 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 <a></a> key.





2. To view an event information, highlight an event and press the key. If no alarm events have been missed, **0 Missed** is displayed.

The missed alarm event information is displayed.

3. To acknowledge and remove the event, press the **Confirm** soft key or the **key**.

The event will be removed from the Missed alarm events menu.



This option displays the number of Calendar, Schedule, Anniversary, and Miscellaneous events and the amount of memory that they use.

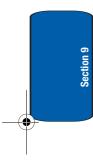
### Task

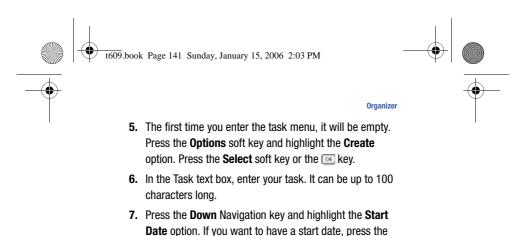
You can use the Task function to in the same way you would use a to-do list. When the task has been completed, you can check it off as done.

To enter tasks into your Organizer, follow these steps:

- In Idle mode, press the **Menu** soft key to access Menu mode
- Using the Navigation keys, scroll to the Fun & Apps icon.
   Press the Select soft key or the key to enter the menu.
- 3. Highlight **Organizer** and press the **Select** soft key or the key.
- 4. Highlight **Task** and press the **Select** soft key or the key.









- 8. Scroll down and repeat step 7 for the End date.
- 9. Scroll down and highlight the Select priority option. Use the Left or Right Navigation keys to select High, Normal, or Low.

key to check the box then use the **Down** key to highlight the Start date text box. Enter the start date.

10. Press the Save soft key.

To see your Task list, you can go to the Task option in the Organizer or you can see each task under Day view of the calendar for the day it was started.

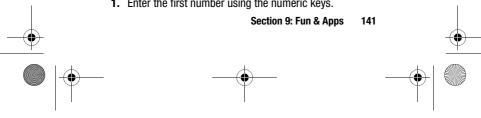
To mark a task as **Done**:

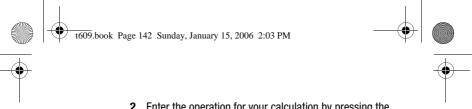
- 1. Select the task in the task list.
- 2. Press the Options soft key and highlight the Done option. Press the Select soft key or the 📧 key.
- 3. The task will have a check mark after it in the Task list.

#### 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 following navigation keys:
  - Left: subtraction (-)
  - Right: addition (+)
  - **Up**: multiplication (x)
  - **Down**: division (÷)
- **3.** The Left soft key can be used to create a decimal point and left and right brackets.
- 4. Enter the next number.
- To view the result, press the key.Repeat steps 1 to 5 as many times as required.

# **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.

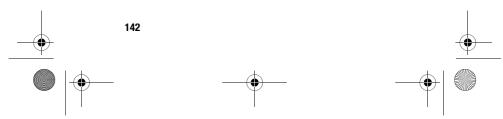
Press the **Options** soft key for the following options:

- Save: this allows you to save your world time settings.
- Set daylight saving time: use the key to place a checkmark next to the cities that you want to set daylight savings time. Each city listed represents a time zone.

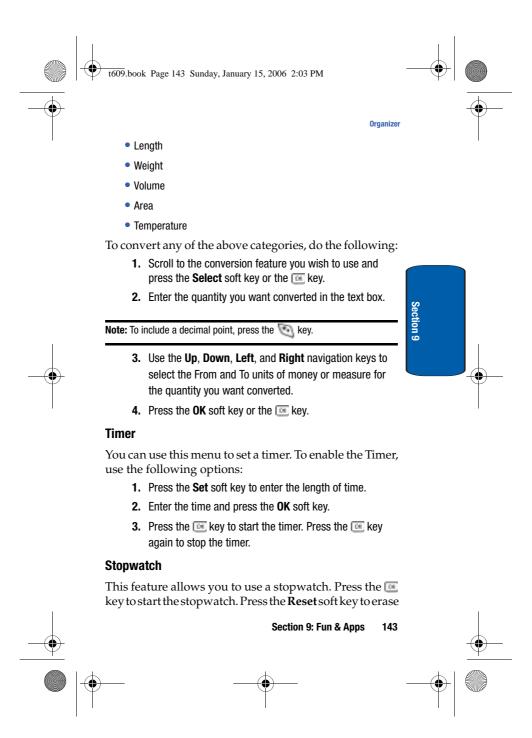
# **Unit conversion**

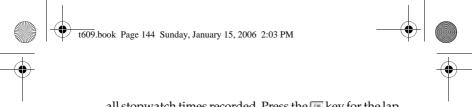
The Unit conversion menu provides the following conversion categories:

Currency









all stopwatch times recorded. Press the <a> </a> key for the lap time. You can have up to 4 lap times.

# PIM Sync???

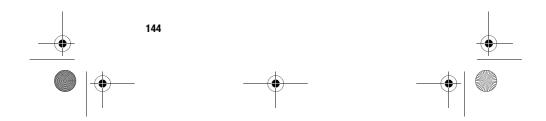
?? Need more information.

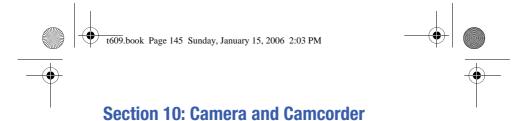
Intro goes here.

- 1. In Idle mode, press the Menu soft key to access Menu
- 2. Using the Navigation keys, scroll to the Fun & Apps icon. Press the **Select** soft key or the 📧 key to enter the
- 3. Highlight the PIM sync option. Press the Select soft key or the  $\ensuremath{\ensuremath{\square}}$  key.
- 4. Press the **Options** soft key for the following options:
  - Start sync: ?? • View result: ?? • New sync profile: ?? • Edit sync profile: ??







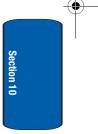


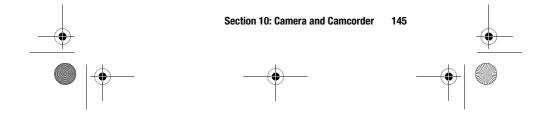
# **Topics Covered**

- Using the Camera and Camcorder
- Take and Send
- Record Video
- My Photos
- My Videos
- My Album
- My Journal



This section explains how to use the camera and camcorder on your phone. You can take photos and video clips using the built-in camera and camcorder.







# **Using the Camera and Camcorder**

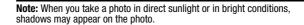
Using the camera/camcorder module in your phone, you can take photos or video clips of people or events while on the move. Additionally, you can send photos and video clips to other people in a Picture Messaging message or set a wallpaper or caller ID image.

#### Note:

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

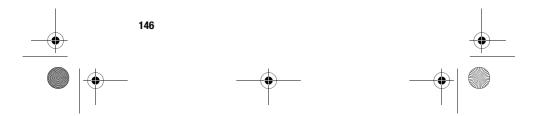
# **Take and Send**

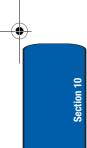
Your camera produces photos in JPEG format.

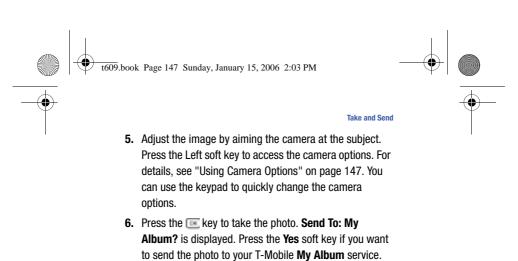




- Using the Navigation keys, scroll to the Fun & Apps icon. Press the Select soft key or the key to enter the menu.
- Using the Navigation keys, scroll to the Camera option.
   Press the Select soft key or the key to enter the menu.
- **4.** Highlight **Take and Send** and press the **Select** soft key or the key.







The phone's default destination is set to **My Album**. The photo is automatically saved in **My photos** in the phone.



Note: To change the default destination for your pictures, press the Options soft key when Send To: My Album? appears on the display. Highlight the Default destination option. You can then remove your default destination or change it to a phone number, email address, Phonebook, My Album, My Journal, or a Recent log.

- 7. To use the photo options, press the Options soft key.
- 8. To return to Capture mode, select **Take another**.
- 9. To return to Idle mode, press the 🔑 key.

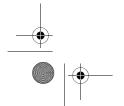
#### **Using Camera Options**

In Capture mode, you can use various options for the camera by pressing the Left soft key.

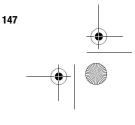
The following options are available:

Record video: switches from camera to camcorder.

**Shooting mode**: allows you to take a photo in various modes. Once you change the mode, the corresponding indicator appears at the top right of the display. The following modes are available:



Section 10: Camera and Camcorder





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- Single shot: allows you to take a photo in the normal mode.
- Multi shot: allows you to take a series of action stills. Select the capture speed, High Speed or Normal Speed, and the number of photos the camera will take. When you press the [ key, the camera takes photos successively.
- Mosaic shot: allows you to take several photos to combine in a mosaic.

Effects: allows you to change the color tone or apply special effects to the photo.

Frames: allows you to select a decorative frame. Select a frame from the list using the Navigation keys and press the key to save your setting.

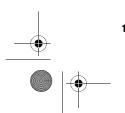
Timer: allows you to set a time delay before the camera takes the photo. Select the length of delay you want. When you press <a> key</a>, the camera takes the photo after the specified time has elapsed.



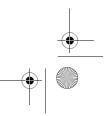
Go to My photos: takes you to your My photos folder.

Settings: allows you to change the image settings.

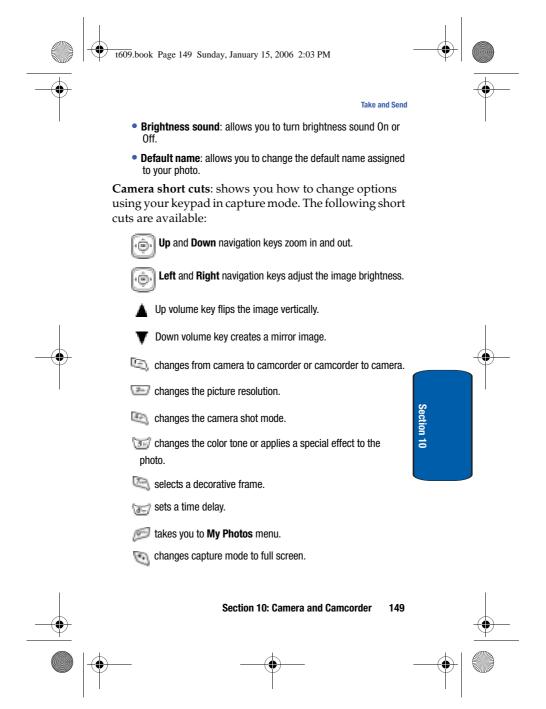
- Size: allows you to set the image size to either SXGA(1280X1024), Mega(1152X864), SVGA(800X600), VGA(640x480), QVGA(320x240), Mobile(240X320), or Frame(240X180). The selected image size displays on the capture screen.
- View finder: allows you to set the view finder to Full screen, Full screen & indicator, Full screen & Guideline, or Standard
- Shutter sound: allows you to select a tone for the shutter sound. Choose between 4 tones.
- Zoom sound: allows you to turn zoom sound On or Off.

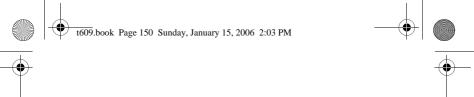






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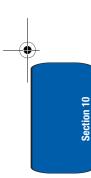


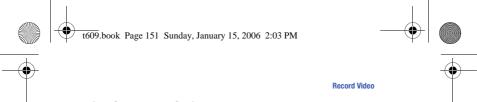
# **Record Video**

Your camcorder produces videos in 3GP format.

- In Idle mode, press the Menu soft key to access Menu mode.
- Using the Navigation keys, scroll to the Fun & Apps icon.
   Press the Select soft key or the key to enter the menu
- Using the Navigation keys, scroll to the Camera option.
   Press the Select soft key or the key to enter the menu.
- **4.** Highlight **Record video** and press the **Select** soft key or the <a><a><a></a> key</a>.</a>
- 5. Adjust the image by aiming the camcorder at the subject. Press the Left soft key to access the camcorder options. For details, see "Using Camcorder Options" on page 151. You can use the keypad to quickly change the camcorder options.
- 6. To start recording your video clip, press the 📧 key.
- 7. To stop the recording, press the Right soft key. The video clip is automatically saved in the **My videos** folder.
- 8. To delete the video clip, press the Left soft key, highlight Delete, and press the Select soft key or the key.
  To return to Idle mode, press the key.
  To access camcorder options, press the Left soft key.







# **Using Camcorder Options**

In Capture mode, you can use various options for the camcorder by pressing the Left soft key.

The following options are available:

**Take picture**: allows you to take a photo in camera mode.

**Effects**: allows you to change the color tone or apply special effects to the video clip.

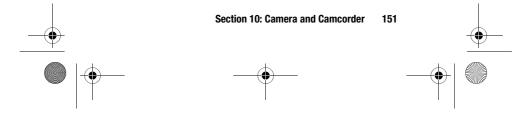
**Timer**: allows you to set a time delay before the camcorder takes the video clip. Select the length of delay you want. When you press the key, the camcorder records the video after the specified time has elapsed.

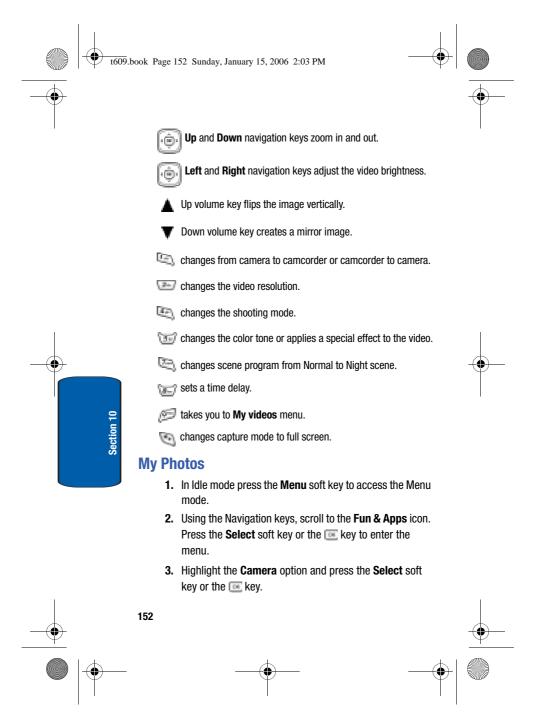
**Go to My videos**: takes you to your **My videos** folder where you can view your videos.

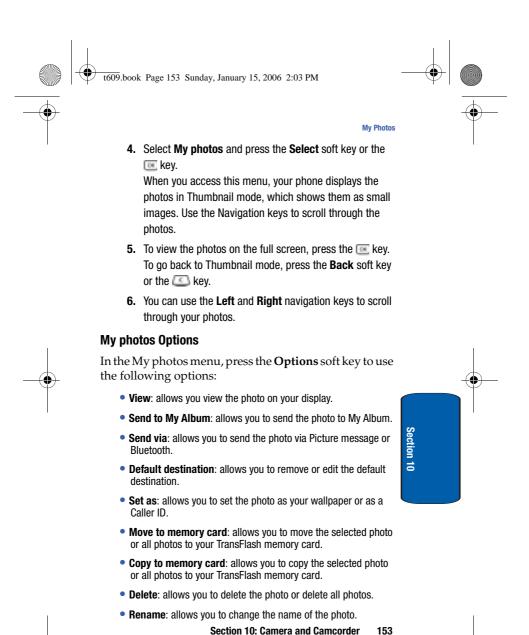
**Settings**: allows you to change the recording settings.

- Recording mode: allows you to set to Normal or Limit for message to keep the video shorter.
- Size: allows you to set the image size to either QCIF(176x144), or Sub-QCIF(128x96). The selected image size displays on the capture screen.
- View finder: allows you to set the view finder to Full screen view or Standard Ratio.
- Audio Record: allows you to be able to record sounds with your video. Set to On or Off.
- Default name: allows you to change the default name assigned to your video.

**Camcorder short cuts**: shows you how to change options using your keypad in capture mode. The following short cuts are available:









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- Display mode: allows you to see your photos displayed in a Line view or in Thumbnail view.
- Slide show: allows you to see all of your photos in a slide show presentation.
- Share for Bluetooth: allows the photo to be shared or released for the use of another Bluetooth device.
- Protection: allows you to protect the photo from being deleted.
- Properties: shows the properties of the photo, such as the file name, file date, file format, image resolution, file size, and protection status.

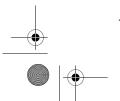
#### **Deleting a Photo**

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

- 1. From the My photos menu, select the photo you want to delete and press the Options soft key. Highlight the Delete option and press the Select soft key or the 📧
- 2. Highlight the Selected option and press the Select soft key or the <a></a> key. Or, highlight All to delete all photos.
- 3. Press the Yes soft key to confirm the deletion.
- 4. When you have finished, press the \*\* key.

# **My Videos**

- 1. In Idle mode press the Menu soft key to access the Menu
- 2. Using the Navigation keys, scroll to the Fun & Apps icon. Press the **Select** soft key or the **Select** we to enter the
- 3. Highlight the Camera option and press the Select soft key or the <a></a> key.





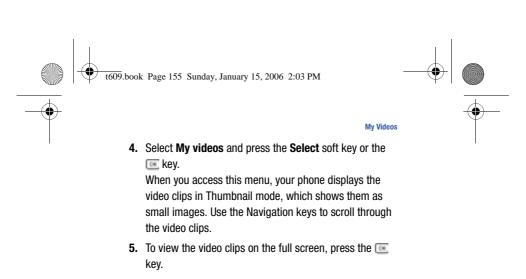


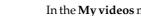






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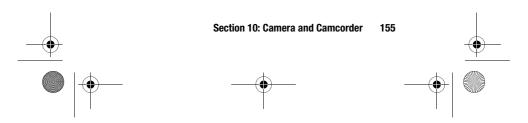


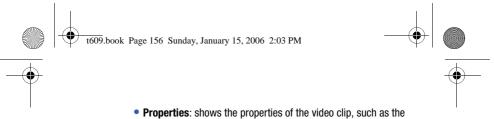


My videos Options

In the My videos menu, press the Options soft key to use the following options:

- Play: allows you to play the video clip on your display.
- Send via: allows you to send the video as part of a Picture message or Bluetooth.
- Move to memory card: allows you to move the video to your TransFlash memory card.
- Copy to memory card: allows you to copy the video (or all videos) to your TransFlash memory card.
- Delete: allows you to delete the selected video clip or delete all video clips.
- Rename: allows you to change the name of the video clip.
- Display mode: allows you to see your videos displayed in a Line view or in Thumbnail view.
- Share for Bluetooth: allows the video (or all videos) to be shared or released for the use of another Bluetooth device.
- Protection: allows you to protect the video clip from being deleted.





# name, date, format, resolution, size, video length, quality, and protection status.

# **Deleting a Video Clip**

You can delete video clips one by one or all at one time.

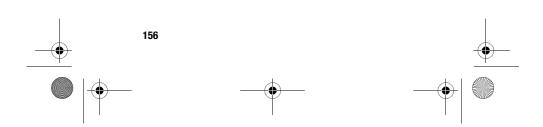
- 1. From the **My videos** menu, use the **Up** or **Down**Navigation key to highlight the video you want to delete and press the **Options** soft key.
- 2. Highlight the **Delete** Option, then press the **Select** soft key or the [18] key.
- Highlight Selected if you only want to delete the video clip that you selected. Highlight All if you want to delete all video clips.
- 4. Press the Select soft key or the 📧 key.
- $\textbf{5.} \ \ \text{Press the } \textbf{Yes} \ \text{soft key to confirm the deletion}.$
- **6.** When you have finished, press the key to return Idle mode.

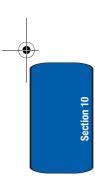


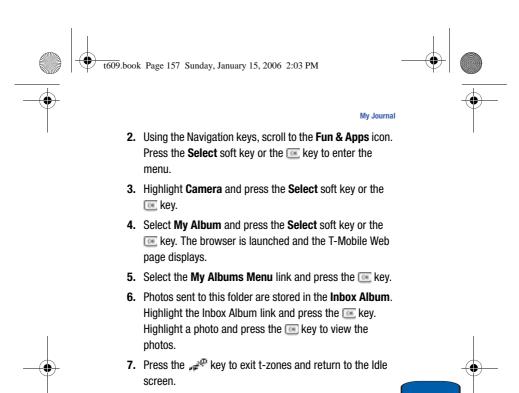
This menu provides the ability for you to view the photos you have stored on the t-zone website. Use the following procedures to access **My Album**.

Note: When viewing photos on My Album, charges may apply.

 In Idle mode press the Menu soft key to access the Menu mode.





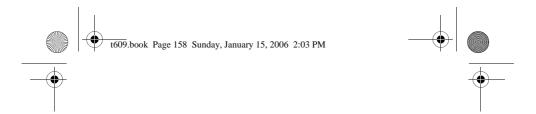


# **My Journal**

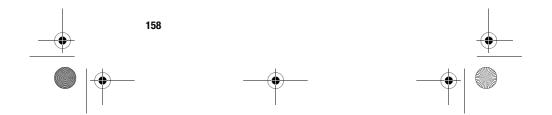
This menu provides the ability for you to store your photos using the t-zone website.

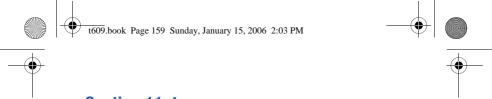
Note: When storing photos on My Journal, charges may apply.









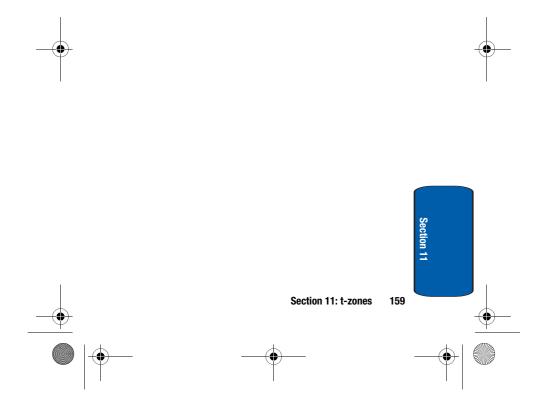


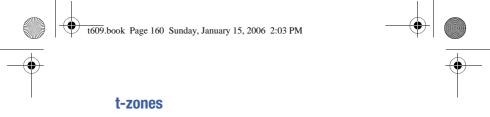
# **Section 11: t-zones**

# **Topics Covered**

• t-zones

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





Your phone is equipped with a WAP (Wireless Application Protocol) browser to allow you to access and navigate the Wireless Web using your phone.

To access t-zones, follow these steps:

- In Idle mode, press the Menu soft key to access Menu mode
- 2. Using the Navigation keys, scroll to the **t-zones** icon. Press the **Select** soft key or the key to enter the menu.

The following options are available:

#### Home

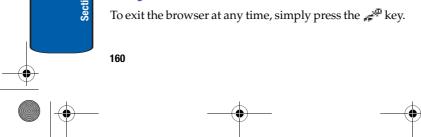
Selecting this menu connects the phone to the network and loads the t-zones homepage.

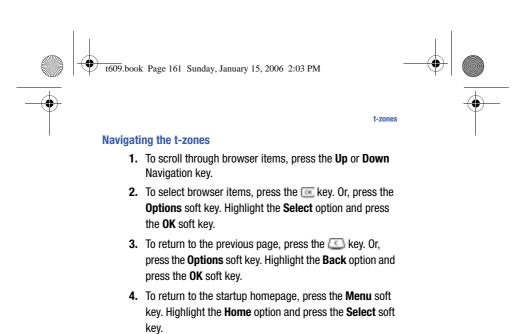
**Note:** You can enter t-zones without going through the t-zones menu by simply pressing the **t-zones** soft key while in Idle mode.

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, use the **Home** option. For more information on the t-zones menus, see "Selecting and Using Menu Options" on page 162.

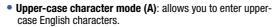
# **Exiting the t-zones**





# **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:



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

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

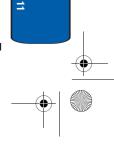
• Number mode (1): allows you to enter numbers.

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

- 1. Press the Right soft key one or more times.
- 2. To enter a space, press the 🕖 key.

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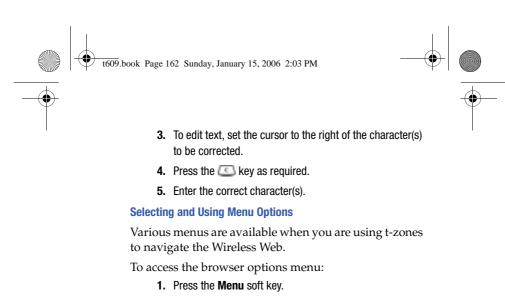














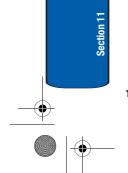


 Favorites: shows the bookmarks list. You can bookmark the current web page or access previously bookmarked pages.

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

- Reload: reloads the current page.
- Home: takes you back at any time to the home page of the Wireless Web service provider.
- 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.
- 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.
- Clear cache: allows you to clear the information stored in the phone's temporary memory which stores the most recently accessed Web pages.
- Inbox: takes you to your message Inbox.
- Show images: allows you to view Internet images.

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**Note:** For further details about how to enter characters, see "Section 5: Entering Text" on page 45.

 ${\bf 3.}\;\;$  Enter the address in the URL text box and press the  ${\bf Save}$ 

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

- Go to URL: takes you to the site.
- Edit: allows you to edit the address.

and press the **Down** key.

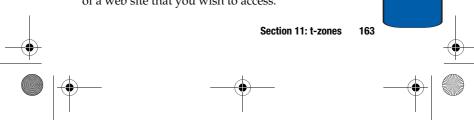
soft key.

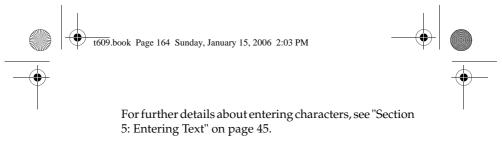
 Delete: allows you to delete the selected address or you can delete all addresses.

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

#### Go to URL

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

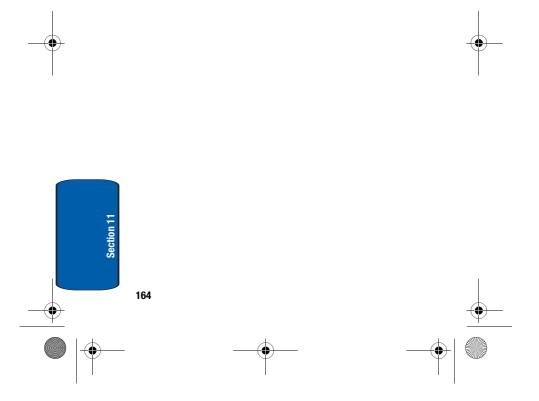


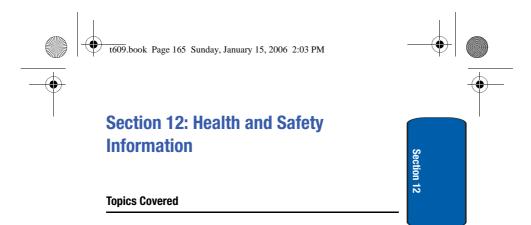


# **Clear Cache**

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

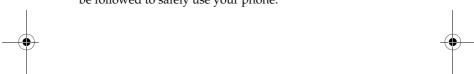
At the **Clear cache?** prompt, press the **Yes** soft key to confirm the deletion. Otherwise, press the **No** soft key.



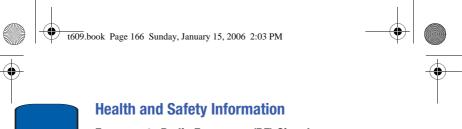


Health and Safety Information

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





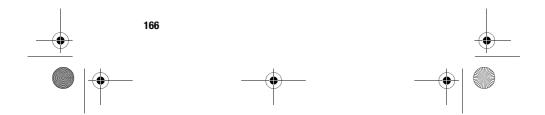


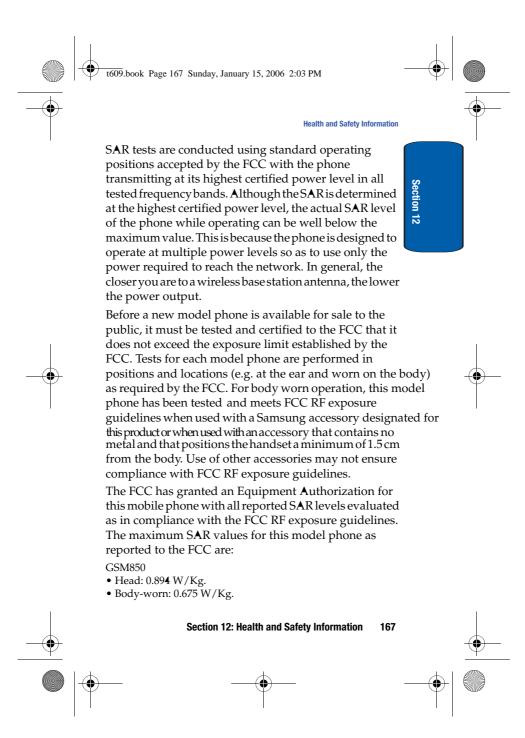
# **Exposure to Radio Frequency (RF) Signals**

# **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 Counsel 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.







Section 12

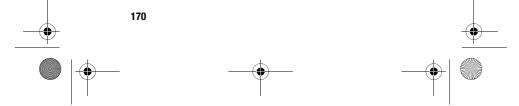
or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

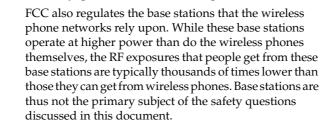
Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- 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





comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies

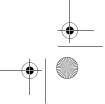
for safety questions about wireless phones.

#### 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



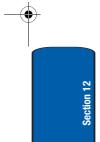


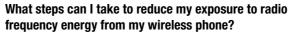






Section 12: Health and Safety Information





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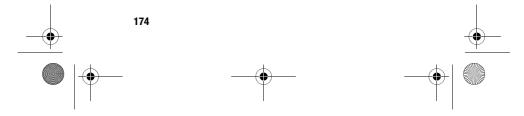
If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

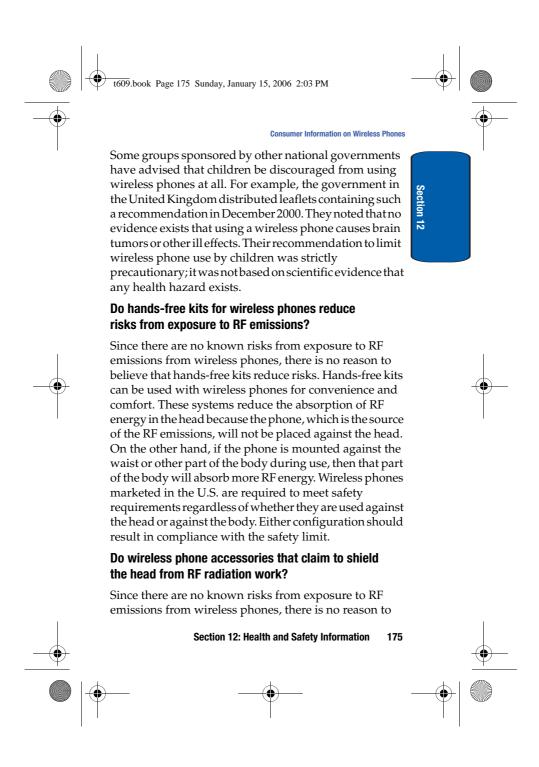
If you must conduct extended conversations by wireless phone
every day, you could place more distance between your body
and the source of the RF, since the exposure level drops off
dramatically with distance. For example, you could use a
headset and carry the wireless phone away from your body or
use a wireless phone connected to a remote antenna.

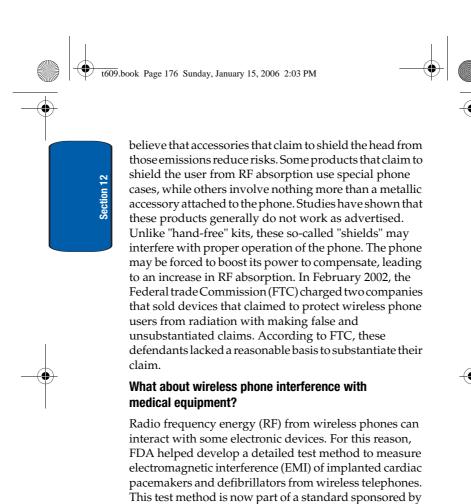
Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

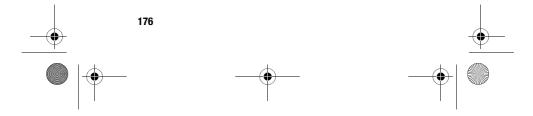
#### What about children using wireless phones?

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.

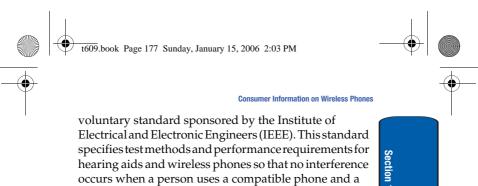








the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a



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.

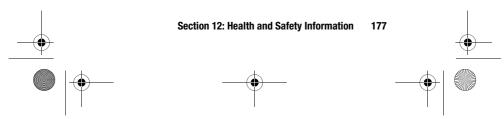
compatible hearing aid at the same time. This standard

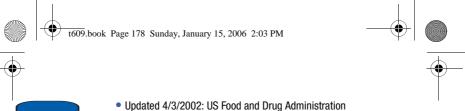
Additional information on the safety of RF exposures from various sources can be obtained from the following organizations:

FCC RF Safety Program: http://www.fcc.gov/oet/rfsafety/

was approved by the IEEE in 2000.

- 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/topics/emf
- 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.nrpb.org.uk





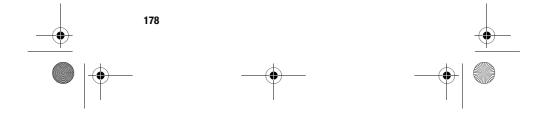
 Updated 4/3/2002: US Food and Drug Administration <a href="http://www.fda.gov/cellphones">http://www.fda.gov/cellphones</a>

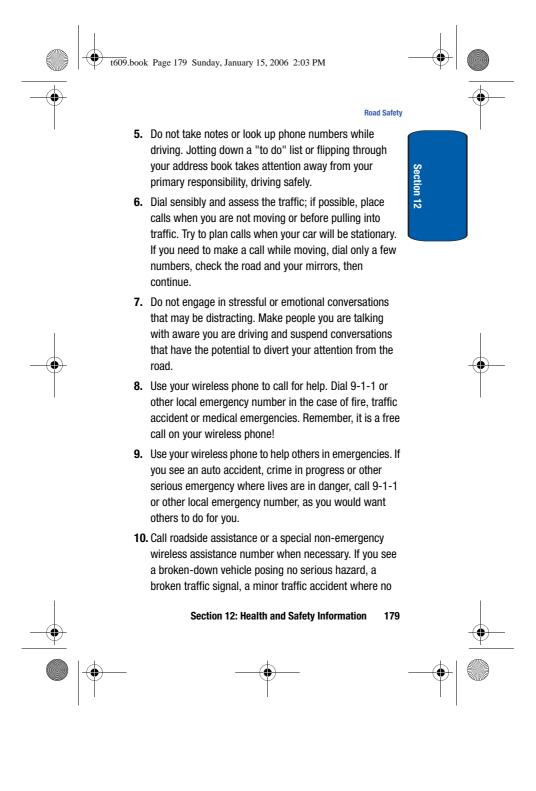
#### **Road Safety**

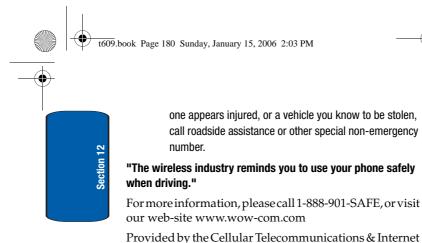
Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

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:

- 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.
- 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.







**Operating Environment** 

Association.

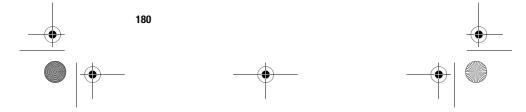
Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

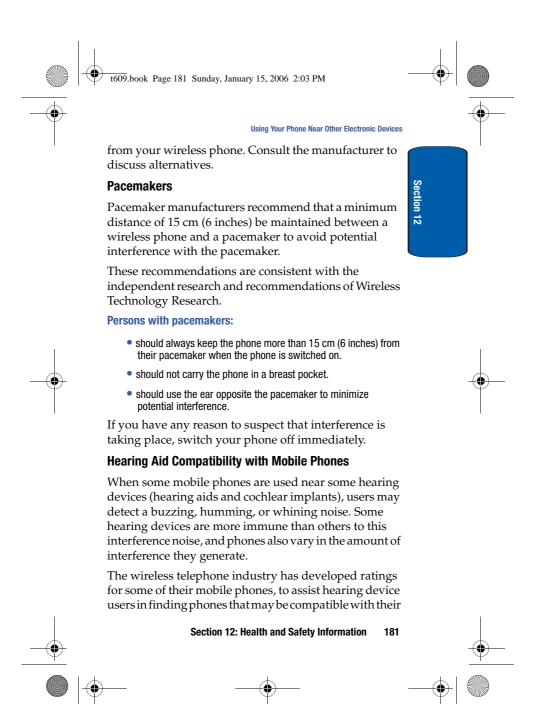
As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and

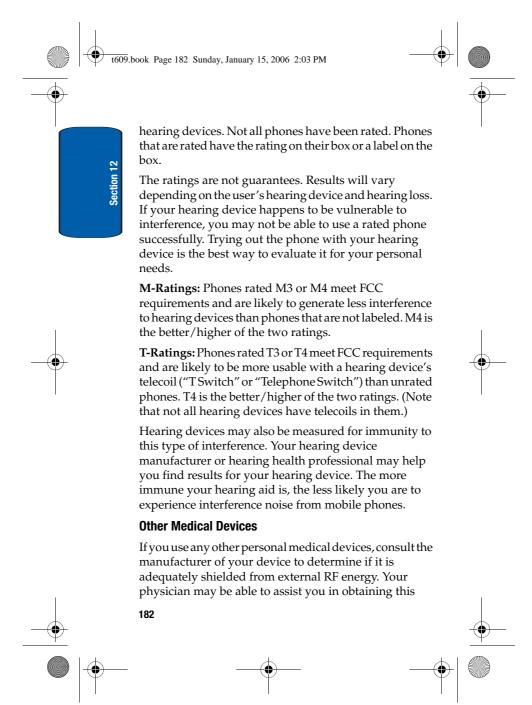
for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

#### **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



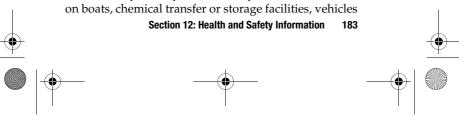




Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

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



# **Emergency Calls**

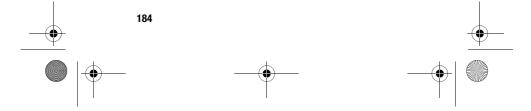
This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies,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

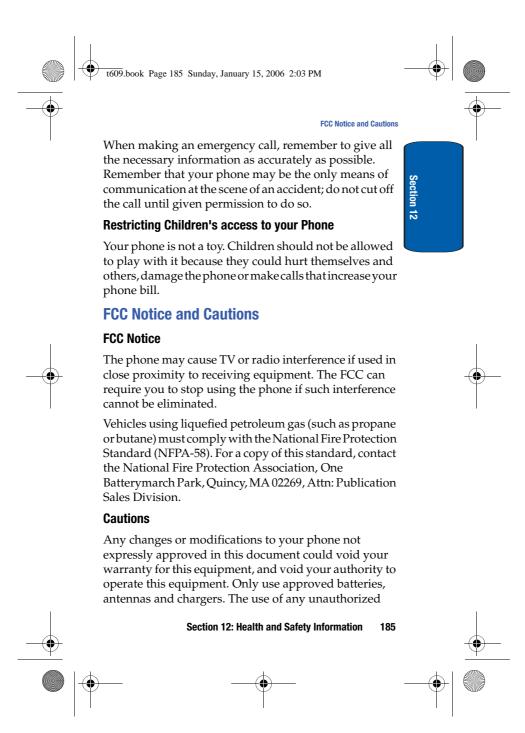
Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

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.





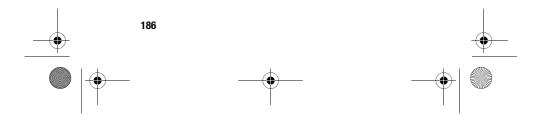


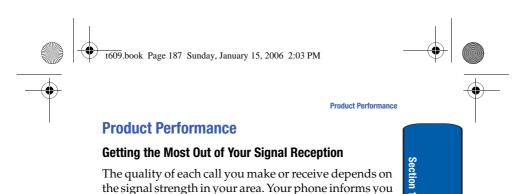
accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

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.





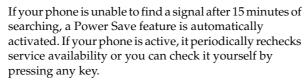
bars next to the signal strength icon. The more bars displayed, the stronger the signal.

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

of the current signal strength by displaying a number of

# **Understanding the Power Save Feature**

you better reception.

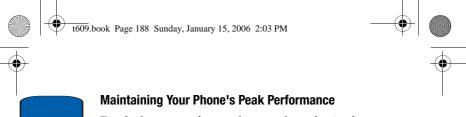


Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

#### **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.





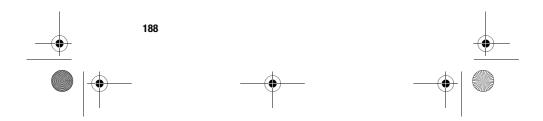
For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

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.
- · Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- 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
- If left unused, a fully charged battery will discharge itself over
- 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.

**Section 12: Health and Safety Information** 







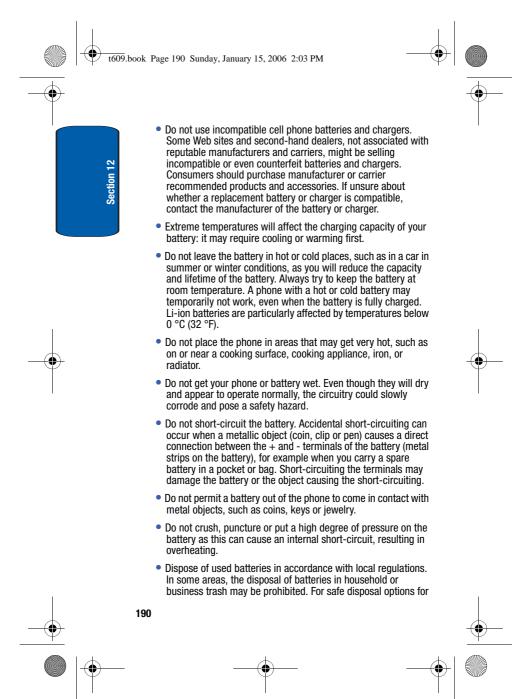


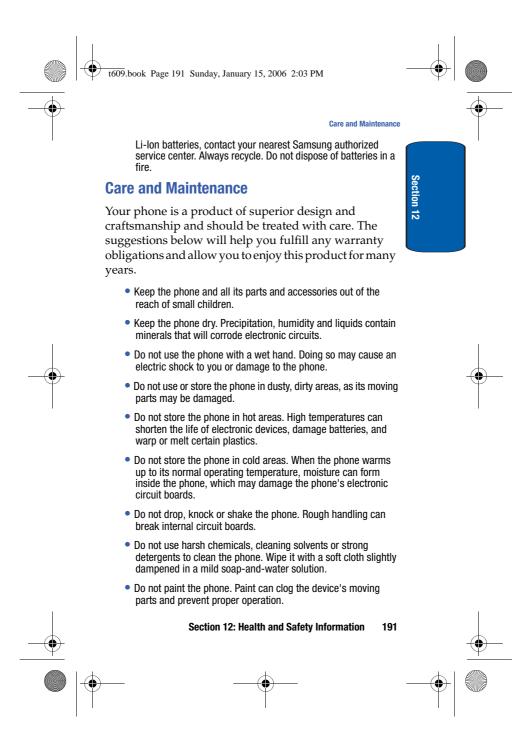






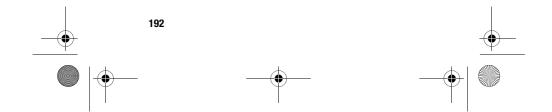


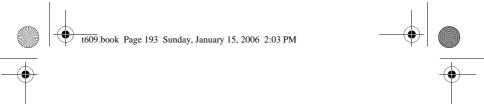






 If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for





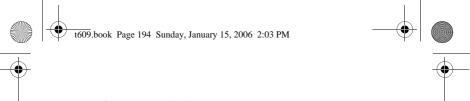
# **Section 13: Warranty Information**

# **Topics Covered**

• Standard Limited Warranty







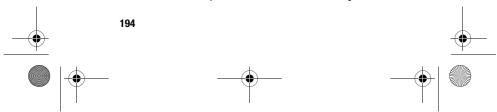
# **Standard Limited Warranty**

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

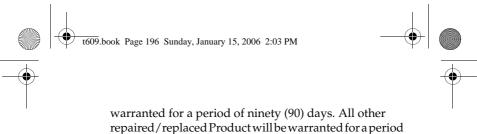
TELECOMMUNICATIONS AMERICA, L.P. ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following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

Phone	1 Year	Î
Batteries	1 Year	
Leather Case/ Pouch	90 Days $+$	<b>-</b>
Holster	90 Days	
Other Phone Accessories	1 Year	I

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







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

