

Editing the To do List

When you select a To do list item from the Day view, the current contents display with a status checkbox and a priority marker.

If the item has been done, a check appears in the checkbox.

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

1. To mark an item **Done**, highlight the item and press the **Options** soft key.
2. Highlight the **Done** option and press the **Select** soft key or the **Ⓢ** key.
3. The status checkbox next to the To do item will be checked.
4. To edit other fields in the To do item, highlight the item and press the **Ⓢ** key.
5. Press the **Options** soft key.
6. Highlight the **Edit** option and press the **Select** soft key or the **Ⓢ** key.
7. Edit the items you wish to change.
8. Press the **Save** soft key or the **Ⓢ** key.

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 (\div)
3. The left soft key can be used to create a decimal point and left and right brackets.
4. Enter the next number.
5. 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 conversion menu provides the following conversion categories:

- Currency

- Length
- Weight
- Volume
- Area
- Temperature

To convert any of the above categories, do the following:

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

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

3. Use the **Up**, **Down**, **Left**, and **Right** keys to select the From and To units of money or measure for the quantity you want converted.
4. Press the **OK** soft key or the **?** key.

Timer

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

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

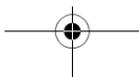
Stopwatch

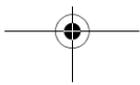
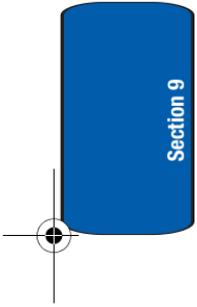
This feature allows you to use a stopwatch. Press the **?** key to start the stopwatch. Press the **Reset** soft key to erase



Organizer

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





Section 10: Camera and Camcorder

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.

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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.

Note: When you take a photo in direct sunlight or in bright conditions, shadows may appear on the photo.

1. In Idle mode, press and **Up** navigation key to turn on the camera.
You can also press the **Menu** soft key to access Menu mode. Highlight **Camera** and press the **Select** soft key or press the **?** key.
2. Highlight **Take and Send** and press the **Select** soft key or the **?** key.

Take and Send

- Adjust the image by aiming the camera at the subject. Press the **Left** soft key to access the camera options. For details, see "Using Camera Options" on page 143. You can use the keypad to quickly change the camera options.
- Press the **Ⓜ** key to take the photo. **Send To: My Album?** is displayed. Press the **Yes** soft key if you want to send the photo to your T-Mobile **My Album** service. 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 change your default destination to a phone number, email address, Phonebook, My Album, My Journal, or a Recent log.

- To use the photo options, press the **Options** soft key.
- To return to Capture mode, select **Take another**.
- 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:

- **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 **ⓘ** key, 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. Select Function or Setup.

- **Function:**
 - **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 ratio.
 - **Scene programs:** allows you to choose Normal or Night scene.

Take and Send

- **Metering exposure:** allows you to choose between Matrix, Center-weighted, and Spot.
 - **White balance:** allows you to choose between Auto, Daylight, Incandescent, Fluorescent, Cloudy, and Sunset.
 - **ISO:** Allows you to set ISO to Auto, 100, 200, or 400. The ISO value is a number indicating the digital camera sensors sensitivity to light. In bright light, set the ISO value lower.
- **Setup:**
- **Shutter sound:** allows you to select a tone for the shutter sound. Choose between 5 tones.
 - **Zoom sound:** allows you to turn zoom sound On or Off.
 - **Brightness sound:** allows you to turn brightness sound On or Off.
 - **Default name:** allows you to change the default name assigned to your photo.

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



Up and Down keys zoom in and out.



Left and Right keys adjust the image brightness.



Up volume key flips the image vertically.



Down volume key creates a mirror image.



changes from camera to camcorder or camcorder to camera.



changes the picture resolution.

 **4** gh changes the camera shot mode.

 **5** jh changes the color tone or applies a special effect to the photo.

 **6** mnc selects ISO settings.

 **7** pqr selects a decorative frame.

 **8** kv sets a time delay.

 **9** wxyz takes you to **My Photos** menu.

 * + changes capture mode to full screen.

 # - [] adjusts the white balance.

Flipping the Camera Lens

You can flip the camera lens around so that you can see yourself on the display and take a picture.

To flip the camera lens, slide the phone open and turn the lens in the direction of the arrow.



Record Video

Your camcorder produces videos in 3GP format.

1. In Idle mode, press and **Up** navigation key to turn on the
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camera. Press the  key to toggle from camera to camcorder.

You can also press the **Menu** soft key to access Menu mode. Highlight **Camera** and press the **Select** soft key or press the  key.

2. Highlight **Record video** and press the **Select** soft key or the  key.
3. 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 147. You can use the keypad to quickly change the camcorder options.
4. To start recording your video clip, press the  key.
5. To stop the recording, press the **Right** soft key. The video clip is automatically saved in the **My videos** folder.
6. To delete the video clip, press the Left soft key, highlight **Delete** soft key, 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 and send: 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 change the size of your video. Select Normal or Limit for Picture message.
- **Size:** allows you to set the image size to either CIF (352x288), QVGA (320x240), 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, Full screen & indicator, or Standard Ratio.
- **Audio Record:** allows you to be able to record sounds with your video. Set to On or Off.
- **White balance:** allows you to choose between Auto, Daylight, Incandescent, Fluorescent, and Cloudy.
- **Scene programs:** allows you to choose Normal or Night scene.
- **Zoom sound:** allows you to turn zoom sound On or Off.
- **Brightness sound:** allows you to turn brightness sound 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:



Up and Down keys zoom in and out.



Left and Right keys adjust the video brightness.



Up volume key flips the image vertically.



Down volume key creates a mirror image.



1 abc changes from camera to camcorder or camcorder to camera.



2 abc changes the video resolution.



4 ghl changes the shooting mode.



5 jkl changes the color tone or applies a special effect to the video.



6 mno turns the audio On or Off.



8 tuv sets a time delay.



9 wxyz takes you to **My videos** menu.



***** changes capture mode to full screen.



adjusts the white balance.

My Photos

1. In Idle mode press the **Menu** soft key to access the Menu mode.
2. Highlight **Camera** and press the **Select** soft key or the  key.
3. Select **My photos** and press the **Select** soft key or the  key.

When you access this menu, your phone displays the

photos in Thumbnail mode, which shows them as small images. Use the Navigation keys to scroll through the photos.

4. To view the photos on the full screen, press the **Ⓜ** key. To go back to Thumbnail mode, press the **Back** soft key or the **⏪** key.
5. You can use the **Left** and **Right** navigation keys to scroll through your photos.

Photo Album Options

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

- **View:** allows you view the photo on your display.
- **Send to My Album:** allows you to send the photo to My Album.
- **Send via:** allows you to send the photo via Picture message or Bluetooth.
- **Default destination:** allows you to remove or edit the default destination.
- **Set as:** allows you to set the photo as your wallpaper or as a Caller ID.
- **Edit image:** allows you to add emoticons or frames to your photos or apply special effects.
- **Move to Memory card:** allows you to move the selected photo or all photos to your TransFlash memory card.
- **Copy to Memory card:** allows you to copy the selected photo or all photos to your TransFlash memory card.
- **Delete:** allows you to delete the photo or delete all photos.
- **Rename:** allows you to change the name of the photo.

My Videos

- **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 **?** key.
2. Highlight the **Selected** option and press the **Select** soft key or the **?** 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 **Back** key.

My Videos

1. In Idle mode press the **Menu** soft key to access the Menu mode.
2. Highlight **Camera** and press the **Select** soft key or the **?** key.

Select **My videos** and press the **Select** soft key or the **?** key.

When you access this menu, your phone displays the

video clips in Thumbnail mode, which shows them as small images. Use the Navigation keys to scroll through the video clips.

3. To view the video clips on the full screen, press the **?** key.

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 Messaging message or Bluetooth.
- **Set as caller ID:** allows you to set the video as a Caller ID.
- **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.
- **Properties:** shows the properties of the video clip, such as the 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 **Right** Navigation key.
3. 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.
5. Press the **Yes** soft key to confirm the deletion.
6. When you have finished, press the  key to return Idle mode.

My Album

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**.

1. In Idle mode press the **Menu** soft key to access the Menu mode.
2. Highlight **Camera** and press the **Select** soft key or the  key.
3. Select **My Album** and press the **Select** soft key or the  key. The browser is launched and the T-Mobile Web page displays.
4. Select the **My Albums Menu** link and press the **Select** soft key or the  key.

5. Photos sent to this folder are stored in the **Inbox Album**. Highlight the Inbox Album link and press the **?** key. Highlight a photo and press the **?** key to view the photos.
6. 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 website.



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Section 11: t-zones

Topics Covered

- t-zones
-

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



t-zones

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

To access t-zones, follow these steps:

1. 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. You can also press the  key in Idle mode to launch the t-zones browser.

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 158.

Exiting the t-zones

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

Navigating the t-zones

1. To scroll through browser items, press the **Up** or **Down** Navigation key.

2. To select browser items, press the **Select** soft key.
3. To return to the previous page, press the **Back** soft key or the  key.
4. To return to the startup homepage, press the **Home** soft key.

Entering Text in the 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:

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

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

- **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.
3. To edit text, set the cursor to the right of the character(s) to be corrected.
4. Press the  key as required.
5. Enter the correct character(s).

Selecting and Using Menu Options

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

To access the browser options menu:

1. Press the **Menu** soft key.
2. Or, highlight the Openwave icon at the top of the page by pressing the **Up** and **Down** keys and press the **Select** soft key or the **?** key.

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

The following options are available:

- **Go to URL:** allows you to manually enter the URL address of a Web page. After entering an address, press the **OK** soft key or **?** key to go there directly.
- **Favorites:** shows the bookmarks list. You can bookmark the current web page or access previously bookmarked pages.
- **Messages:** allows you to create an SMS message or check your My messages folder.
- **File manager:** allows you to access Sounds, Images, Videos, Music, Other files, Memory card, or check Memory status.
- **Home:** takes you back at any time to the home page of the Wireless Web service provider.
- **Back:** takes you back to the previous web browser screen.
- **Show URL:** displays the URL address of the Web page to which you are currently connected. It also enables you to set the current site as the startup home page.
- **Reload:** reloads the current page.

Favorites

This menu stores up to 10 URL addresses.

To store a URL address:

1. Select an empty location and press the **Select** soft key or the **?** key.
2. Enter a name for the favorite item in the Name text box and press the **Down** key.
3. Enter the address in the URL text box and press the **Options** soft key.
4. Highlight the **Save** option and press the **Select** soft key or the **?** key.

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

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

- **Go:** takes you to the site.
- **Edit:** allows you to edit the address.
- **Delete:** allows you to delete the 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.

For further details about entering characters, see page 45.

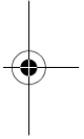
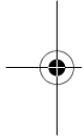
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Clear Cache

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

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



Section 12: Health and Safety Information

Topics Covered

- Health and Safety Information
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This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

Section 12

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government. These FCC exposure limits are derived from the recommendations of two expert organizations, the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

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

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

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. Body-worn operations are restricted to Samsung-supplied, approved, or non-Samsung designated accessories that have no metal and must provide at least 1.3 cm separation between the device, including its antenna (whether extended or retracted) and the user's body. Non-compliance with the above restrictions may result in violation of FCC RF exposure guidelines.

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

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- Head: ????? W/Kg.
- Body-worn: ????? W/Kg.

SAR information on this and other model phones can be viewed on-line at www.fcc.gov/oet/fccid. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone. Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

Consumer Information on Wireless Phones

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

What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies. When the phone is located at

greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs

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

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

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the primary subject of the safety questions discussed in this document.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up

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to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in

measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

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What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

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

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

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

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones.

Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to

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believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption. In February 2002, the Federal Trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a

voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

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

- FCC RF Safety Program:
<http://www.fcc.gov/oet/rfsafety/>
- Environmental Protection Agency (EPA):
<http://www.epa.gov/radiation/>
- Occupational Safety and Health Administration's (OSHA):
<http://www.osha.gov/SLTC/radiofrequencyradiation/index.html>
- National institute for Occupational Safety and Health (NIOSH):
<http://www.cdc.gov/niosh/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
<http://www.fda.gov/cellphones>

Road Safety

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

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

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.



5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies. Remember, it is a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no



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one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

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

For more information, please call 1-888-901-SAFE, or visit our web-site www.wow-com.com

Provided by the Cellular Telecommunications & Internet Association.

Operating Environment

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

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

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

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals

Using Your Phone Near Other Electronic Devices

from your wireless phone. Consult the manufacturer to discuss alternatives.

Pacemakers

Pacemaker manufacturers recommend that a minimum distance of 15 cm (6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker.

These recommendations are consistent with the independent research and recommendations of Wireless Technology Research.

Persons with pacemakers:

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

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

Hearing Aid Compatibility with Mobile Phones

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their

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hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

Other Medical Devices

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

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

Vehicles

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

Posted Facilities

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

Potentially Explosive Environments

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

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

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles

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using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency Calls

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

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

To make an emergency call:

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

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

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

Restricting Children's access to your Phone

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

FCC Notice and Cautions

FCC Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

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

Cautions

Changes or modifications made in the radio phone, not expressly approved by Samsung, will void the user's authority to operate this equipment.

Only use approved batteries, antennas and chargers. The use of any unauthorized

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

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

Other Important Safety Information

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

Product Performance

Getting the Most Out of Your Signal Reception

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

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

Understanding the Power Save Feature

If your phone is unable to find a signal after 15 minutes of searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

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

Understanding How Your Phone Operates

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

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Maintaining Your Phone's Peak Performance

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

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

- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna, if applicable.
- Do not use the phone if the antenna is damaged.
- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.
- Speak directly into the phone's receiver.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/Ring Tones

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

Battery Standby and Talk Time

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



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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 battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.

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- Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).
- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not permit a battery out of the phone to come in contact with metal objects, such as coins, keys or jewelry.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for

Care and Maintenance

Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

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

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.

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- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- If your phone is equipped with an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Section 13: Warranty Information

Topics Covered

- Standard Limited Warranty
-

Section 13

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

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or

Standard Limited Warranty

ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

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

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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

Standard Limited Warranty

EXPRESS WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE EXPRESS WRITTEN WARRANTY STATED HEREIN. SOME STATES/PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE, USE, OR MISUSE OF, OR INABILITY TO USE THE PRODUCT OR ARISING DIRECTLY OR INDIRECTLY FROM THE USE OR LOSS OF USE OF THE PRODUCT OR FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL, CONSEQUENTIAL OR SIMILAR DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS, OR FOR DAMAGES ARISING FROM ANY TORT (INCLUDING NEGLIGENCE OR GROSS NEGLIGENCE) OR FAULT COMMITTED BY SAMSUNG, ITS AGENTS OR EMPLOYEES, OR FOR ANY BREACH OF CONTRACT OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. SOME STATES/PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS

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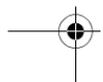
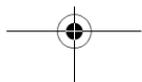
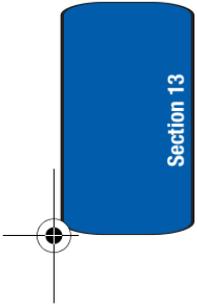
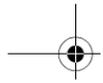
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Hearing Aid Compatibility with Mobile Phones

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

Compatibilidad de Aparatos Dispositivos Con Teléfonos Móviles

Cuando algunos teléfonos móviles se utilizan cerca de algunos aparatos auditivos (audífonos e implantes cocleares), es posible que los usuarios detecten un ruido como zumbido, murmullo o quejido. Algunos aparatos auditivos son más inmunes que otros a este ruido de interferencia y los teléfonos también varían en la cantidad de interferencia que generan.

La industria de los teléfonos inalámbricos ha desarrollado clasificaciones para algunos de sus teléfonos móviles, para ayudar a que los usuarios de aparatos auditivos encuentren teléfonos que pudieran ser compatibles con este tipo de aparatos. No todos los teléfonos han sido clasificados. Los teléfonos que han sido clasificados tienen la clasificación en la caja o una etiqueta en la caja.

Las clasificaciones no son garantías. Los resultados pudieran variar, dependiendo del aparato auditivo y de la pérdida de audición del usuario. Si su aparato auditivo resulta ser vulnerable a la interferencia, es posible que no tenga éxito al usar un teléfono clasificado. La mejor manera de evaluar el teléfono para sus necesidades personales es probarlo con su aparato auditivo.

Clasificación M: Los teléfonos clasificados como M3 o M4 cumplen con los requisitos de la FCC y tienen probabilidades de generar menos interferencia para los aparatos auditivos que los teléfonos que no están clasificados. M4 es la mejor y más alta clasificación de las dos.

Clasificación T: Los teléfonos clasificados como T3 o T4 cumplen con los requisitos de la FCC y tienen posibilidades de usarse más con la telebobina de un aparato auditivo (“interruptor “T” o “interruptor del teléfono”) que los teléfonos no clasificados. T4 es la mejor y más alta clasificación de las dos. (Tenga en cuenta que no todos los aparatos auditivos tienen telebobinas).

También se puede medir la inmunidad de los aparatos auditivos hacia este tipo de interferencia. El fabricante de su aparato auditivo o un profesional en la salud del oído pueden ayudarle a encontrar mejores resultados para su aparato auditivo. Entre más inmune sea su audífono, tendrá menos posibilidades de tener ruidos de interferencia con los teléfonos móviles.