

8. USERS MANUAL

FCC RF EXPOSURE INFORMATION

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

Body-worn Operation

This device was tested for typical body-worn operations using the optional belt-clip/holster placed 0.6 inches (1.5cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.6 inches (1.5cm) must be maintained between the user's body and the phone, including the antenna, whether extended or retracted. The use of third-party belt-clips/ holsters with no metallic components that provide the minimum separation distance of 0.6 inches (1.5cm) can be used to satisfy FCC RF exposure requirements. The use of non-tested accessories or other body-worn operations may not comply with FCC RF exposure requirements and should be avoided. Contact your local dealer for optional accessory items.

Vehicle Mounted External Antenna (optional, if available.)

A minimum separation distance of 7.9 inches (20cm) must be maintained Between a person and the vehicle mounted external antenna to satisfy FCC RF exposure requirements. For more information about RF exposure, please visit the FCC website at www.fcc.gov.

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FCC notice.

To start connecting just press and hold <END>

Thanks for choosing Samsung.

As we said-to start connecting, just press and hold <END>.

Getting to know your phone.

- 1.Red Light: Illuminates when <END> is pressed and held and when you have incoming calls and messages.
2. Volume: Lets you adjust the sound level.
3. SEND: Lets you place a call, answer Call Waiting and place a three way call.
4. Navigation Keys: Allow you to scroll through the menu options and displays and save phone numbers, as well as any settings you select in the menu
5. CLR: Allows you to clear your last entry.
6. Web Key : Allows you to access Internet.
7. END: Lets you disconnect a call and return to standby mode.
Press and hold the key to turn the phone on and off.
8. MENU: Lets you access the phone's menus.
9. Antenna: Makes the voice on the other end sound clearest.
10. Flip: Lets you answer call by opening and lets you disconnect a call and guard keys by closing.

Display icons: What they tell you.

Display icons are all the symbols or text that show up on your display screen. In short, tell you what's going on. They're shown below.



Signal icon measures your current signal strength. The more bars there are, the stronger the signal.



In Use icon tells you a call is in progress.



No Svc icon shows that you are outside of service area and cannot use your phone.



If the roaming icon is not displayed, you are in home Network. If the icon is displayed whether static or flashing, you are in a roaming network.



Message icons indicate that you have text messages.



Digital/Analog icons Indicate whether you are in digital or analog service area.



Battery icon shows the level of your battery charge. The more bars you see, the more power you have left. When the charge is low, the icon blinks and an alert tone is sounded.



Vibrator icon indicates that you set vibrator on.

Battery : Putting in the power

Your new Samsung Phone comes with a rechargeable battery that is partially charged so you can use it immediately after you activate, without any hassle. Use the battery until it is completely drained. Recharging the battery without first completely draining or discharging it may shorten the life of the battery.

Installing your battery.

To install your battery, just follow these simple steps:

1. Hold the battery with the label facing down, making sure the metal contacts at the base of the base battery line up with the metal contacts on the base of the phone.

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2. Place it on the back of the base of the phone with the base of the battery.
 3. Push up the battery release latch on the back of the phone while push the battery on the the phone.

Turning your phone on and off

When you're ready to turn on your Samsung Phone, check to see that the charged battery has been installed in the back of the phone or that you have an external power source(the Rapid Cigarette Lighter Adapter or the Hands-Free Car Kit).Then, Simply press and hold <END>.

The red light flashes briefly and the banner is displayed, which means you're ready to make a call.

Turning off the phone is just as simple. Press and hold <END> for two seconds. The display will be blank when the power is off.

Removing your battery.

1. First, turn the power off to avoid losing stored numbers and messages.
2. Push up the battery release latch on the back of the phone and pull it out.

Charging your battery.

You can tell whether or not your battery needs to be recharged just by checking the upper-right corner of your phone's display, where the battery charge indicator is located. When the battery charge level is low, the battery icon will blink and the phone will sound a tone.

If you continue to use your phone without recharging and the battery level becomes too low it will turn off automatically. An alert tone will sound just before the phone turns itself off. If this happens, unfortunately you'll lose whatever you were just doing. So, watch the indicator and make sure your level is okay.

To charge your battery, you should use the Samsung, Travel Charger or Rapid Cigarette Lighter Adapter from Samsung.

Using the Travel charger.

Should only use the Samsung-approved Travel charger with this Samsung Phone. Using the wrong one could cause damage.

1. Plug one end of the travel charger into your phone and the other end into a wall outlet.
2. Insert the battery pack.

The blinking red LED and displaying characters in the LCD on the phone will let you know the battery is being

charged. The Green LED tell you when the battery is at least 80 percent charged.

If your battery's charge is completely run down, it will take about three hours to fully recharge it. You must completely discharge the Li-Ion battery before recharging it.

Recharging the battery without first completely discharging it may shorten the life of the battery.

If you leave your phone turned on while it's in the charger, your battery will take longer to charge.

Function keys: What they make happen.

<SEND> Press this key to place a call, to access a second incoming call or to initiate Three-Way Calling.

<CLR> This key lets you do lots of things:

- ▶ To erase one character from the display screen, briefly press it once.
- ▶ To erase all the characters on the screen, hold it down.
- ▶ To go back one step when you're accessing a menu, briefly press it once.

<END> Press this key to disconnect a call. You can also press it to exit out of a menu and return to the phone's standby display. Pressing this key when the phone is ringing will make the ringer silent for that call. The ringer will resume its selected setting after the call is finished.

<MENU> Press this key to display the phone's main menu.

Web key: Press this key to access internet.

Navigation keys: Use this key to navigate through menu and save settings.

Phone calls: How to make and receive them.

Whenever you make a call, follow these simple steps:

1. First, check to see that your Samsung Phone is turned on. If you see the display icons on the screen, that means the power is on.
2. Enter the number you're calling.
3. Press <SEND>.
4. When you're finished with your call, just press <END> to disconnect.

Correcting a misdial.

If you make a mistake while dialing a phone number, press <CLR> to erase the number one digit at a time. You can delete the entire number at once by pressing <CLR> and holding it down for at least one second.

Remembering your phone number.

You probably don't call your own Samsung Phone Number very often, so you may forget it. If you do, here's an easy way to get it. Turn your phone on and your number will be displayed briefly.

If you miss it, press<MENU>, press<6> to select "Display" and then press <3> to display your number.

Answering calls.

When your phone rings, simply press <SEND> to answer. To disconnect when you're through, press<END>. You can customize your options for answering calls using the Any Key Answer feature on the Setup menu (press<*>, <4>after accessing the menu to select Setup). This allows you to press any key (except <END>)to answer a call.

Using Caller ID.

This feature tells you who is calling you on your Samsung Phone by displaying the caller's number when the phone rings.(If the caller's name and number are stored in your internal phone book, the caller's name will be displayed, too.) If you call someone who has this feature, your Samsung Phone Number will be displayed on their phone.

To block your Samsung Phone Number from being displayed on all of your outgoing calls, just call Customer Card. Once you have permanently blocked your number, you can release the block for a particular call.

Responding to Call Waiting.

If you're in the middle of a call and you hear a beep, that means you have another call coming in. If you don't answer the call within ten seconds, you will be reminded of the incoming call with second beep. To answer waiting call, press <SEND>. Press <SEND> again to switch back to the first call.

Redialing calls.

To redial the number of the last outgoing call made from your phone, press <SEND> <SEND>. To redial any of your last ten outgoing calls, display the outgoing call log by pressing <SEND> use the Navigation keys to

select the number and then press<SEND> again. The most recent call is displayed first.

Another option for redialing calls is to select a number from your incoming or outgoing call logs.

Setting Three-Way Calling

Three-Way Calling lets you talk with two different people at the same time. Simply dial the first number and press <SEND>. When you have connected, press <SEND> to put the first caller on hold. Next, press <CLR>, dial the second number and press <SEND>. When you are connected, press <SEND> again to begin your three-way call. When you use this feature, you will be charged normal air time raise for both calls that you place.

Saving or editing your own emergency numbers.

You can save up to three emergency phone numbers on your Samsung Phone, in addition to 911. To save those numbers, follow the steps below.

1. Press <MENU>.
2. Press <0>.
3. Press <#>.
4. The phone prompts. "Lock Code." Enter your four-digit lock code (unless you've changed it, this code is the last four digits of your Samsung Phone Number). Once you've successfully entered your lock code, the phone displays the security menu.
5. Press <4> to select "Emergency#." The phone displays your security numbers. (If no security numbers have been saved, "Empty" is displayed in each slot.)
6. Select an emergency number slot by pressing the appropriate number.
7. Enter the ten-digit emergency number (area code+phone number) to be saved in that slot and press <OK>.
8. The phone displays the number and "Saved" to confirm that the number was stored correctly.
The phone then redisplay the list of emergency numbers so you can make additional changes.
9. When you have finished storing numbers, press and hold <CLR> to exit and return to the standby display.

Dialing when your phone is locked.

When your phone is locked, you can still call 911, your stored emergency numbers or Customer Card.

To made a call when your phone is locked, follow these simple steps:

1. Dial 911, one of the three emergency numbers stored in your phone. You must dial your emergency numbers exactly as you have stored them.

2. Press <SEND>

Note: You cannot dial your three emergency numbers when your phone Account has been restricted for credit purposes. You still can call 911, however.

voice-mail: The ins and outs.

Setting up your voice-mail.

The first time you call your voice-mail box, which you do by pressing and holding < OK>for at least a second, enter your temporary pass code. We suggest you do this soon after you activate your phone Account.


After entering that code, the voice-mail system will prompt you to do these things:


- ▶ Create your own personal pass code. Make sure you pick a number that you will remember.
- ▶ Create the greeting that people will hear when they call you.
- ▶ Initialize your name announcement.
- ▶ Choose whether to activate One-Touch Access.

voice-mail will automatically record messages whenever someone calls and you don't answer.

Finding out you have a message.

Your Samsung Phone alerts you when you have new voice-mail messages in several ways:

- ▶ By displaying a message on the screen
- ▶ By sounding the ring (if the ringer is turned on)
- ▶ By flashing the red light at the top of the phone.
- ▶ By displaying  at the top of your screen.

To acknowledge a new message, you can press any key (except the volume keys or <END>. The red light will continue to flash and a reminder beep will sound periodically until you do this. Once you've acknowledged a message, your phone will then redisplay whatever was on the screen before the alert. The phone will display  until you save or erase your new message. You can have up to 30 new or saved messages and each can be stored for up to 30 days.

Retrieving messages.

Whenever you access your voice-mail, you'll be given the following options:

- ▶ To listen to new or saved voice-mail, press< menu + 0 or OK + 2 + 1>You can see the information of the latest voice-mail

you've received. You can listen to it by pressing <1> and erase it by pressing <menu + 0 or OK + 4 +3>.

Using special Samsung Phone Features.

Your phone comes with several key features that make voice-mail particularly easy to use.

One touch Access

To call your voice-mail from your Samsung Phone, all you have to do is press and hold <OK> for at least a second. This feature is available only from your Samsung Phone. If One

-Touch Access is activated, you don't have to enter your pass code.

Hand-free Listening

Your messages will be played continuously in the order they were received. You can stop to save or erase any of them.

Internal phone book.

You get two types of phone books with your Samsung Phone: the internal phone book and the call logs. To make the most of them, you need to understand all the basic features and functions of your new phone.

Understanding your phone's memory

Your Samsung Phone has 229 phone book memory locations(001-229) - that is, 229 places to store phone numbers. You can store up to 32 digits within each of these memory locations and use up to 12 characters to give each entry a name.

Saving and storing a phone number.

When adding numbers to your internal phone book, keep in mind that memory locations 1 through 9(1and 9 are reserved) should be used for One-Touch Dialing (your most commonly used phone numbers). To save numbers, simply follow the directions below.

1. Enter the number you want to save. Press <OK>. We suggest that you save numbers using ten digits(area code + number) so you can dial from your phone book while traveling outside your Home Service Area.
2. The phone displays the available memory location. To save the number to a different memory location, enter that location number and then press <OK>.

If you entered the number of a memory location that already a number stored in it, the phone prompts "Replace?"
Press <OK> to replace it with the new number or press <CLR> to go back a step.

3. Next, enter the name that goes with the number. To enter a letter, press the number key on which it's listed once, twice or three times, depending on whether the letter you'd like to enter is listed on the key first, second or third. (For example, < 2 > once for "A" Press < 2 > twice for "B" and times for "C")

To enter letters consecutively that are listed on the same number key, press the # key to separate them. For example, to spell Gill, you would do the do the following:

1. To enter "G," press < 4 > once.
 2. To enter "I," first press * (since you will be pressing < 4 > again), then press < 4 > three times to get "I,"
 3. To enter "L," first pre press * (since you will be pressing < 5 > again), then press < 5 > three times.
 4. To enter the next "L," first pre press * (since you will be pressing < 5 > again), then press < 5 > three times.
4. When the name is entered correctly, press <OK>. The phone displays a confirmation message containing the name and number.

Entering a hard pause.

You can enter a hard pause in a number by pressing <MENU> while entering digits. The hard pause is displayed as "p" on the phone. A hard pause is useful when you access an interactive voice response system, such as an automated banking system.

Dialing from your phone book to a different area code.

When you're traveling outside your home service area, or when you're calling someone back from within voice-mail, you may need to add an area code to the number. To temporarily add digits to the beginning of a phone number, follow these steps:

1. Find the number you want to call. This can be done in several ways.

-
2. Enter the area code for the number. The new numbers will be inserted automatically at the beginning of the phone number.
 3. Press <SEND> to dial the modified number.

Checking all your stored numbers.

Several methods can be used for checking numbers stored in your phone. You can look up a number using a name, digits from the phone number, or memory location. Each is described separately below. Follow the steps described below to find stored numbers using the menu options.

1. Press <MENU>
2. Press < 2 > to select "Phone Book"
3. Indicate whether you want to recall a number by name or memory location by pressing < 1 > or < 3 >, respectively.

Finding a number using a person's name.

1. Press <MENU>
2. Press < 2 > to select "Phone Book"
3. Press < 1 > to select "Find Name"
4. Enter as many consecutive letters of the name as you can remember(even if you remember only the first letter) and press <OK>. The phone briefly displays the memory location number along with the name and number of the first match. If the number displayed is not the one you want, press <↑> or <↓> to scroll through the list until the appropriate number is displayed.
5. When you have found the correct number, press <SEND> to dial it automatically.

Erasing a phone number.

1. Press <MENU>

2. Press < 2 > to select "Phone Book"

3. Indicate whether you want to access the number to be displayed according to name or memory location by pressing < 1 > or < 3 >, respectively.

4. You then have the option to enter either a portion of the name or the memory location number. Next, press <OK> to display the number. If more than one entry is found, you can scroll through the entries and select which one you want to erase by pressing <|e > or < |é>.

5. Press <OK> to erase the number from the phone book.

6. Press <MENU>, < 5 > to select "Erase". A confirmation message will be displayed.

Keeping track of your calls.

Your Samsung Phone keeps track of the last ten calls you made and the last ten calls

Main menu: Tailoring your phone's features to your needs.

You can access all of your phone's features and settings through the main menu. Here's how to go about it.

Navigation through the menu.

To display the main menu, press <MENU>.

To scroll through menu items, use Navigation key.

To go back one step, press <CLR> briefly.

To select a menu item, press the number corresponding to it.

To scroll through possible settings, use Navigation key.

To save a setting, press <OK>.

To exit the menu and return to the standby screen, press <END> or press and hold <CLR>. No changes will be saved.

Taking a menu shortcut.

If you're in a hurry, just press <MENU> and the numbers on the menu screen. For example, if you press <MENU>, followed by < 6 > and < 1 >, the phone will display the backlight settings.

Understanding menu item:

Managing your phone's settings.

Keeping track of calls. (MENU+1)

1: Calls. These options help you remember whom you called you and who you call, along with how much air-time you have used. Times are displaying in hours, minutes and seconds (for example, 03h59m23s).

- ▶ 1: Outgoing ; The last ten numbers you called. Use Navigation key to scroll through the list.
 - ▶ 2: Incoming ; The numbers of the last ten callers to your Samsungs Phone.
Use Navigation key to scroll through the list.
 - ▶ 3: Missed
 - ▶ 4: Erase Logs ; Select incoming, outgoing or both call logs with Navigation key and press <OK> to erase selected log.
 - ▶ 5: Air Time Check to see how much air-time you have used by selecting this option.
- Note : The air-time displayed may have discrepancies with the air-time shown in your invoice.

Last Call ; Displays the phone number of your last call, the date and time the call was made, and duration of the call.

Total ; Displays the total number of calls made and received, along with the total amount of air-time used.

Erase Total ; To reset your air-time log to zero, press < OK>. To keep the press <CLR>.

Maintaining your internal phone book. (MENU+2)

2: Phone Book. These options let you manage the numbers stored in your Phone's internal phone book.

▶1: Find Name Lets you look up numbers stored in your internal phone book.

Name; Enter as many consecutive letters of the name that you know and then press <OK>.

(Entering only the first letter of the name still helps narrow your search.) The phone indicates how many matches were found and then displays the first numbers and name from the list of matches. To scroll through the list, use Navigation key. To dial a displayed number, press <SEND>.

▶2: Add Entry; Lets you edit numbers, names and memory locations.

Enter numbers and press < OK>. Then the phone displays memory location of the number stored in the internal phone. You can change the memory location with Navigation key. Enter press < OK>. Then press a name and < OK>. The new number will be stored.

▶3: Find Entry; Lets you look up numbers stored in your internal phone book.

Enter the two-digit memory location code that corresponds to the number you want to find. To scroll through the entire list of stored numbers, press < OK>. To dial a displayed number, press <SEND>.

▶4: Relation Srch

▶5: Add E-mail * : My Phone Number

Adjusting your phone's volume. (MENU+6)

6: Sounds. Here's how to adjust the volume of your phone's ringer and key beep.

1: Ring Volume

▶1: Calls; To adjust the ringer volume for voice call, you can press either Navigation key or the volume keys. Settings are "Silent", "Vibrate" and 8 levels. Once you select the level you want, press <OK> to set it.

▶2: Message; To adjust the ringer volume for a message, you can press either Navigation key or the volume keys. Setting are same as voice call. Once you select the level you want, press <OK> to set it.

▶3: Alarm

2: Ringer Type

▶1: Voice Calls; Select the sound your phone makes when you receive a voice call. Use Navigation key to scroll through the possible settings. As you scroll through the list, you will hear a sample of the ringer setting. When you find the ringer setting you want, press < OK> to save it.

▶2: Message

◆1: Voice; Select the sound your phone makes when you receive a voice message. Same as Ring type for voice call.

◆2: Text; Select the sound your phone makes when you receive a text message. Same as Ring type for voice call.

◆3: Page; Select the sound your phone makes when you receive a text message. Same as Ring type for voice call.

▶ 3: Alarm

▶ 4: Data/FAX In; Select the sound your phone makes when you receive a Data/Fax call. Use Navigation key to scroll through the possible settings. As you scroll through the list, you will hear a sample of the ringer setting. When you find the ringer setting you want, press <OK> to save it.

▶ 5: Schedule

3: Key Volume; To adjust the key volume, you can press either Navigation key or the volume keys. Settings are "Silent" and 8 levels. Once you select the level you want, press <OK> to set it.

4: Alerts

▶ 1: Minute Beep; This option is like a minute reminder that beeps ten seconds before each minute is up during a call. Settings are "ON" and "OFF".

▶ 2: Service; Indicate whether you want your phone to sound a tone when the status of your phone service changes. Settings are "ON" and "OFF".

▶ 3: Connect;

▶ 4: Disconnect;

▶ 5: Fade; Indicate whether you want your phone to sound a tone when the signal fades during a call.

5: Voice Volume; Select the sound your phone makes when you receive a voice message. Same as Ring type for voice call.

6: Power Up/Down

▶ 6: Voice; To adjust voice volume for a call, you can press either Navigation key or the volume keys. Settings are 8 levels. Once you select the level you want, press < OK> to set it.

7: Roam Ringer; Indicate whether you want your phone to use different ringer when it receives voice calls from roaming networks.

termining what is displayed. (MENU+7)

6: Display. Determine some of the attributes of your Phone's display by modifying these settings.

- ▶1: Backlight; You can manipulate the display and keypad backlighting. Possible settings are "Always OFF", "Always ON", "10 SECONDS", "30 SECONDS" and "On when flip open".
- ▶2: Banner ; Displays the greeting and you can edit it.
- ▶3: Animation
- ▶4: Auto Hyphone
- ▶5: LCD Contrast : You can set the LCD contrast
- ▶6: Version; Displays the version number of the software installed on your Samsung Phone.

Customizing the way your phone works. (MENU+0)

0: Setup. With the help of the following features, you can make your phone work more like you do.

- ▶1: Auto Retry; You can force Samsung Phone automatically retry calling when call attempt fails.
- ▶2: Auto Answer;
- ▶3: Answer Mode; You can choose answering method. Possible settings are "Any key", "Flip" and "Send key only".
- ▶4: Tone Length; You can select the length of the tone your phone makes when you you press a key Press Navigation key or the volume Keys. Settings are "Normal" and "Long".
- ▶5: Language
- ▶6: Roaming; You can select a service mode of your phone. Possible settings are "Automatic" and "Home Only".
- ▶7: Data/Fax; Samsung Phone can be used as MODEM or FAX. Possible settings are "Data/fax off", "fax for next call", "fax until powered off", "modem for next call", and "modem until powered off".
- ▶8: Set Force
- ▶9: Whiper Mode. ▶#: Security

Maintaining phone security. (MENU+0+#+'+Lock Code')

#: Security ; You have the option to lock Samsung Phone when you'd like to make sure you're the only one who can use it. Locking your phone means that you can still receive incoming calls or make emergency calls, but all other phone functions are disabled. You also can

restrict outgoing calls(except 911 and emergency calls), incoming calls and access to your phone book. Your lock code typically consists of the last four digits of your Samsung Phone Number. If you choose to change it, however, and then forget it, you will have to take your phone to the nearest Customer Care Center for assistance. Because your phone must be reprogrammed if you forget your lock code, Customer Care will not be able to assist you over the phone. To access the security menu and modify the settings, you must first enter your lock code.

- 1: Lock Mode; First you should decide when you want your phone to be locked. possible settings are "OFF, " "NOW" and "ON POWER-UP." If you choose "ON POWER-UP, " your phone will be locked every time you turn it on. If you select "NOW, ", your phone will be locked immediately.
- 2: Restrict
 - ▶ 1: Phonebook
 - ▶ 2: Incoming
 - ▶ 3: Outgoing
- 3: Lock Code; If you don't want to use your phone's original lock code, you can use this option to enter your own new four-digit number. Be sure to pick a number that is easy for you to remember. If you change your lock code then forget it, you will have to take your phone to the nearest Customer Care Center for assistance.
- 4: Emergency# ; You can enter up to three emergency numbers and you can call all of them, along with 911, even when your phone is locked or restricted. When you dial an emergency number, it must exactly match the stored number in order to override the lock and restriction settings.
- 5: Send PIN;
- 6: Clr Memory; You can delete entire phone book entries.
- 7: Reset Phone; Select this to reset all of the features on your phone(except emergency numbers and the lock code) to their default settings and to clear the phone book memory.

Understanding message menu items:

Listening to the voice-mail or reading the pages/messages you've received.

Reviewing Voice Mail Messages. (MENU+4+2+1)

- 1: Voice ; You can read the information of the voice-mails you've received. Press <MENU> and you can listen to or reset it
 - Listen ; You can listen to the selected voice mail message.
 - Reset ; You can clear the voice-mail.

Reviewing Page and Text Messages. (MENU+4+2+2)

2: Page/Text ; You can read the information of the pages/messages you've received.

Reviewing Page and Text Messages. (MENU+4+2+3)

3: Browser Msg ; You can read the information of the browser messages you've received.

4: Erase; You can erase Page/Text/Browser Msg.

Usage guidelines:

All about performance and safety.

Keeping tabs on signal strength.

First of all , the voice quality of your Samsung Phone will always be at its best when the antenna is fully raised.

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

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

Understanding Power Save mode.

If you're trying to use your phone in an area where the signal is too weak, the Power Save feature will automatically activate to conserve battery power when you've been unable to pick up a signal for 15 minutes. If you phone is on, it will periodically recheck service availability, or you can do so yourself manually by pressing any key.

A message will be displayed on the screen any time Power Save has been activated

Understanding how your phone operates.

Your Samsung Phone is basically a radio transmitter and receiver.

When it's turned on, it receives and transmits radio frequency(RF) signals. Your phone operates in the frequency range 800MHz. When your phone is in use, the system handling your call control the power level.

Radio Frequency safety.

In 1991-1992, the Institute of Engineers(IEEE) and the American National Standards Institute(ANSI) joined in updating ANSI's 1982 standard for safety levels with respect to human exposure to RF signals. More than 120 scientists, engineers and physicians from universities, government health agencies and industries developed this updated standard after reviewing the available body of research. In 1993, the Federal Communications Commission(FCC) adopted this updated standard in a regulation. In August 1996, the FCC adopted a hybrid standard consisting of the existing ANSI/IEEE standard and the guidelines published by the National Council of Radiation Protection and Measurements(NCRP).

The design of the Samsung Phone complies with these updated standards. Of course, if you want to limit RF exposure even further than the updated standard, you can choose to control the duration of your calls and operate your phone in the most power-efficient manner.

Maintaining your phone's peak performance.

To operate your phone properly—that is, to maintain safe and satisfactory service—you should follow these rules:

- ▶ For best reception, extend the antenna fully.
- ▶ Hold the phone with the antenna up and over your shoulder.
- ▶ Do not hold phone antenna at any time.
- ▶ Do not use the phone with a damaged antenna.
- ▶ Speak directly into the mouthpiece.

Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, turn the power off immediately and remove the battery pack. If it is inoperable, you should return it to a Customer Care Center or call Customer Care for service.

Only authorized personnel should service your phone and its accessories. Faulty repairs may invalidate the warranty.

Protecting your battery.

For best battery performance, you should follow these guidelines:

- ▶ Only use Samsung-approved batteries and adaptor, desktop and chargers. These chargers are designed to maximize battery life. Using other batteries or chargers will invalidate your warranty and may cause damage as well.
- ▶ To avoid damage, charge battery only in temperatures that range from 32 °F to 122 °F (0 °C to 40 °C).

▶ Do not use the battery charger in direct sunlight or in high humidity areas, such as the bathroom.

▶ Never dispose of the battery by incineration.

▶ Keep the metal contacts at the top of battery clean.

▶ Do not attempt to disassemble or short-circuit the battery.

▶ You may need to recharge the battery if it has not been used for a long period of time.

▶ Replace the battery when it no longer provides acceptable performance.

It can be recharged hundreds of times before it will need to be replaced.

▶ Do not store the battery in high-temperature areas for long periods of time. Follow these storage rules:

Less than one month : -4°F to 140°F(-20°C to 50°C)

More than one month : -4°F to 113°F(-20°C to 35°C)

Using your phone while driving.

SENDing on the phone while you're driving may divert your attention from the road. Besides that, it is illegal in some states. Remember, safety comes first. When using your Samsung Phone in the car:

▶ Focus on driving, not SENDing.

▶ Use your Hands-Free Car Kit.

If you must use the phone while driving, please use One-Touch Dialing,

Speed Dial and Auto Answer modes.

FAILURE TO FOLLOW THESE INSTRUCTION MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

Disposal of batteries

You can return your unwanted Samsung batteries to your nearest Samsung Service Center.

Note: In some areas, the disposal of rechargeable batteries in household or business trash may be prohibited.

Following safety guidelines.

To operate your phone safely and efficiently, you should always follow any special regulations in a given area, and turn your phone off areas where use is forbidden or when it may cause interference or danger.

Using your phone near other electronic devices.

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, RF signals from telephones may affect inadequately shielded electronic equipment.

RF signals may affect improperly installed or inadequately shielded electronic operating and entertainment systems in motor vehicles. Check with the manufacturer or its representative to determine if these systems are adequately shielded from external RF signals. You should also check with the manufacturer regarding any equipment that has been added to your vehicle.

Consult the manufacturer of any personal medical devices(such as pacemakers and hearing aids) to determine if they are adequately shielded from external signals.

Turn off the phone in health care facilities and request permission before using the phone near medical equipment.

Turn off your phone before flying.

You should turn off your Samsung Phone before boarding any aircraft. To prevent possible interference with aircraft system, U.S. Federal Aviation Administration(FAA) regulations require you to have permission from a crew member to use your phone while the plane is on the ground. To prevent any risk of interference, FCC regulation prohibit using your phone while the plane is in the air.

Restricting children's access to your phone.

Your phone is the a toy, and should not be played with by children. They could hurt themselves and others, damage the phone or make calls that increase your telephone bills.

Turn off your phone in dangerous areas.

To avoid interfering with blasting operations, you should turn off your phone when in a blasting area or in other

areas with signs indicating that two-way radio should be turned off. Construction crews often use remote-control RF devices to set off explosives.

Turn off your phone when you are in any area with a potentially explosive atmosphere. It is rare, but your phone or its accessories could generate sparks could cause an explosion or a free resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas such as gas stations; below deck on boats; fuel or chemical transfer or storage facilities; 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 off your vehicle engine.

Do not transport or store flammable gas, liquid or explosives in the compartment of your vehicle that contains your phone or accessories.

Cautions.

Any changes or modifications to your Samsung Phone not expressly approved in this documents could void your warranty for this equipment and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any other type will invalidate the warranty.

FCC notice.

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the telephone if such interference cannot be eliminated. If you need assistance, contact Customer Care.

And last, but certainly not least, vehicles using liquefied petroleum gas(such as propane or butane) must comply with the National Fire Protection Standard(NEPA-58). For a copy of this standard, contact the National Fire Protection Association, One Battery march Park, Quincy MA02269, Attn: Publication Sales Division