



Cellular Watchphone
SPH-S100

OWNER'S MANUAL



ELECTRONICS

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Safety Precautions

Read these simple guidelines. Failure to comply with them may be dangerous or illegal. For more detailed safety information, see Safety Information on page xx.

Road safety comes first

Do not use the phone while driving; park the vehicle first. Remember that in some countries, it is illegal to use the phone while driving.

Switch off when refuelling

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

Switch off in aircraft

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

Switch off in hospital

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

Respect special regulations

Follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger (in a hospital for example).

Interference

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

Safety Precautions

Use qualified service
Only qualified service personnel must repair equipment.

Use sensibly
Use only in the normal position. Do not touch the antenna unnecessarily when the phone is switched on.

Emergency calls
Ensure the phone is switched on and in service.
Enter the emergency number (112 or another official emergency number) and press . Give your location.
Do not end the call until told to do so.

Non-Ionising Radiation
No part of the human body is allowed to come too close to the antenna during operation of the equipment.

IMPORTANT! Use only SAMSUNG-approved accessories and batteries. This phone is intended for use with a SAMSUNG-approved:

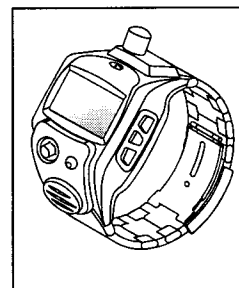
- Travel adapter
- Desktop charger
- Cigarette lighter adapter

The use of any other power accessory will invalidate any approval or warranty applying to the phone, and may be dangerous.

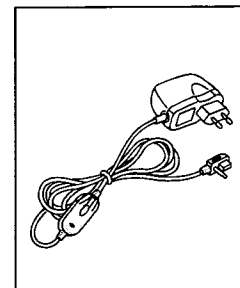
When you disconnect the power cord of any accessory, grasp and pull the connector, not the cord.

Your Consumer Package

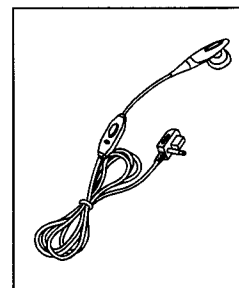
Your consumer package contains the following items:



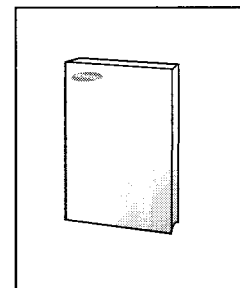
Samsung SPH-S100 Phone



Samsung Travel Charger

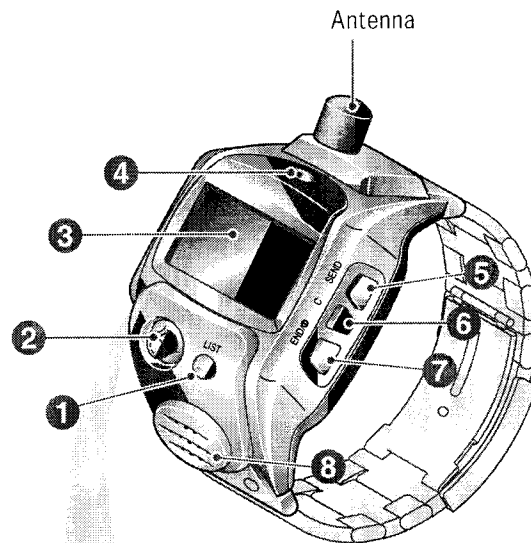


Samsung Ear-microphone

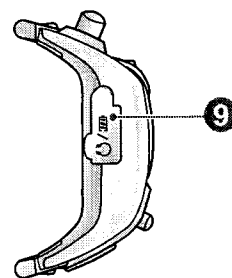


This User's Guide

Getting to Know Your Phone

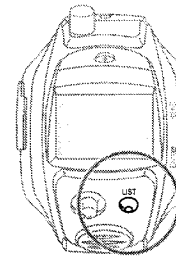


Left Side View



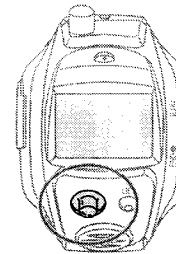
Getting to Know Your Phone

1 LIST key



- ◆ When in Standby mode, press this key to access menu items. When the menu items are displayed, press it to move between screens.
- ◆ During a conversation, press this key to access InUse Menu items.

2 Navigation/OK/Hot key

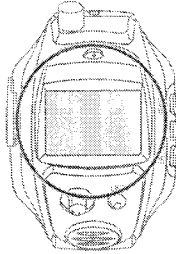


This key performs several useful functions:

- ◆ When the menu items are displayed, use this four-direction navigation key to scroll through the menu items.
- ◆ When navigating a menu, press it to select the highlighted item.
- ◆ When in Standby mode, this key performs as a hot key:
 - Slide it up to search phone book entry using entry number.
 - Slide it down to search phone book entry using name.
 - Slide it to the left to view today's schedule.
 - Slide it to the right to access the Message menu.

Getting to Know Your Phone

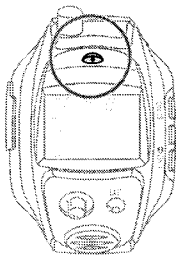
3 Backlit Display Screen



The display screen contains two areas:

- ◆ The top line display indicators appear based on your phone's operating mode (see "The Top Line of the Display" on page xx).
- ◆ The lower area displays:
 - ◆ In-use information such as the other party's number, the call timer, the name and number of the other party (if available), Mute, Call waiting, etc.
 - ◆ In Standby mode, current date and time displays when the phone is in service area.

4 Microphone

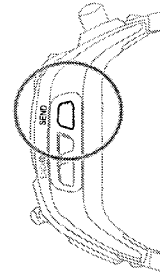


Your typical voice microphone for conversation, but also accepts your voice commands for Voice dialing* and speech for Voice memos.*

* Voice dialing and voice memo feature is not available in this version.

Getting to Know Your Phone

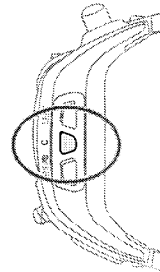
5 SEND key



This key performs several useful functions.

- ◆ Press it to answer calls.
- ◆ Dial a number and press it to connect.
- ◆ Press it twice in Standby mode to redial the last outgoing number.
- ◆ During a conversation, press it to initiate Three-Way Calling, or press it to answer a Call Waiting call.
- ◆ Press it once in Standby mode to quickly access a list of your last five outgoing calls list.

6 C key

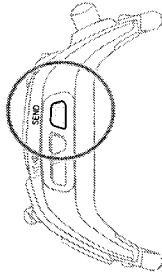


This key is used to erase numbers or characters you may have entered incorrectly, or to return to a previous screen.

- ◆ To erase an incorrect digit or character from the display screen, briefly press it once.
- ◆ To erase all digits or characters from the screen, hold it down for one second.
- ◆ To back up one menu level, press it once.
- ◆ To return to Standby mode from any menu, hold it down for one second.

Getting to Know Your Phone

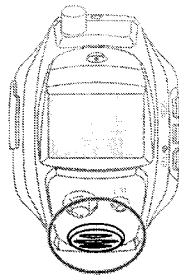
7 END/ ① Key



This key performs several important functions:

- ◆ Press and hold to turn on your phone.
- ◆ Press and hold to turn off your phone.
- ◆ Press this key to disconnect a call or to return to Standby mode from any menu.

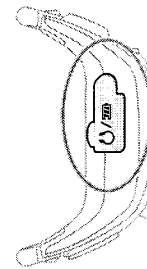
8 Speaker



Speaker for listening to voice conversations and voice dialing prompts.

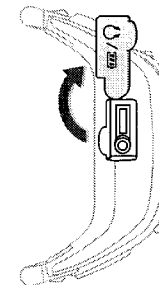
Getting to Know Your Phone

9 Connector



This is where you connect your charging device. It is also used to connect ear-microphone which includes an earpiece and microphone in a convenient, light weight unit so you can converse without using your hands.

- ◆ Gently pry open the top of the cover to expose the connector.



Charging the Battery

Your phone comes with a built-in, rechargeable battery. You must fully charge the battery before using your phone for the first time.

Note: Only use Samsung-approved chargers. These chargers are designed to maximize battery life. Using other chargers will invalidate your warranty and may cause damage as well.

Checking the Battery Level

You can tell whether or not your battery needs to be recharged by checking the  indicator (it's located in the upper-right corner of the display). The presence of all three bars indicates a full charge, two bars indicates a smaller charge, and one bar indicates an even smaller charge. No bars (the battery icon is empty) means your battery must be charged.

When the battery charge level is almost empty, the battery sensor blinks an empty battery icon (**DR**) and sounds a tone.

The Empty Battery Icon

Two to three minutes before the battery charge level gets too low to operate the phone, the battery sensor will let you know by blinking an empty battery icon (**DR**), sounding a tone, and displaying a warning

Charging the Battery

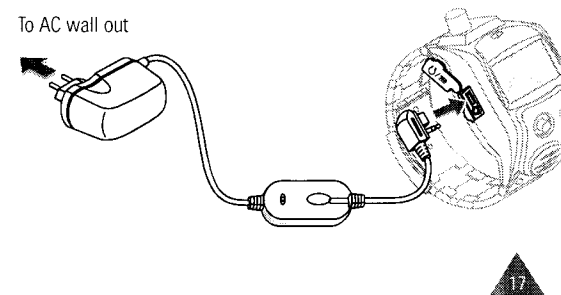
message. If you continue to operate the phone without charging, the phone will turn off automatically (after the two to three minute delay). If this happens, your wireless call will be ended. But if you plug into a charging device, you can continue your call. Be sure to monitor the battery strength icon and make sure your battery is adequately charged.

Charging with the Travel Charger

The supplied travel charger allows you to charge your phone's battery from a standard wall outlet. Also, using the travel charger allows you to make a phone call while the battery is charging. The travel charger will fully charge an "empty" battery in about xxx hours.

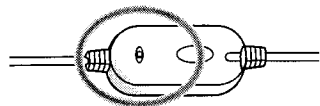
Here's how to do it:

1. Plug the travel charger into the wall and the other end of the cable into the connector at the side of the phone. The battery will begin charging. That's it; you're done.



Charging the Battery

2. Now all you need to know is how the LED on the travel charger indicates the status of the battery charge. Here it is:

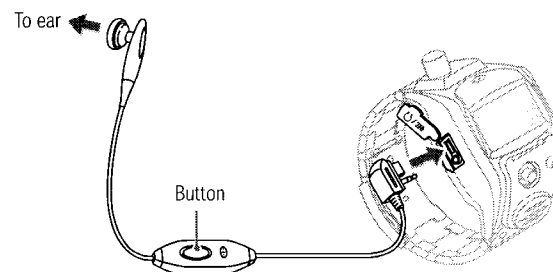


- ◆ red indicates that the battery is charging.
- ◆ green indicates that the battery is fully charged.
- ◆ yellow indicates that the battery is operating at a temperature that is too high or too low, or that the charger is not plugged in correctly. Please check the charger and battery.

3. Make a phone call anytime you'd like. The travel charger will continue charging the battery even when you are making phone calls !
4. For the absolute fastest charging time, turn the phone off while the battery is charging. The battery charges fastest when the phone is turned off.

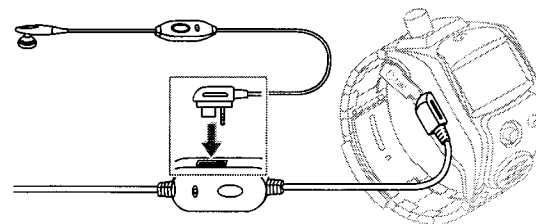
Using Ear-microphone

With the earphone, you can talk without using your hands. When you connect the earphone to the connector at the left side of the phone, the ear-microphone operates in the same way as the phone's speaker and microphone.



The button on the earphone allows you to answer or end a call without pressing a button on the phone. If you receive a second call, press the button to end the first call and answer the second call.

Note: You can use the ear-microphone while the phone is charging. Connect the ear-microphone to the connector of the charger cable.



Turning your Phone On and Off

Turning It On

When you're ready to turn your phone on, press and hold  for more than one second and three things happen:

- ◆ The LED screen is backlit.
- ◆ the phone beeps, and
- ◆ the start-up graphics begin to play.

The phone will then begin searching for a network signal. When a signal is found, the  icon appears and your phone enters Standby mode. The Standby mode screen is shown below and always contains the following four things:



- ◆ Signal strength indicator .
- ◆ Battery strength indicator .
- ◆ Current time
- ◆ Current date.

You can make and receive calls now.

Turning your Phone On and Off

Turning It Off

To turn your phone off, press and hold  until the power off graphics begin to play. The power off sounds will then play and the display goes blank. Notice that when the phone is off, nothing is displayed on the screen, and the backlight is off.

Note: If your phone is on and  is pressed for less than one second, the phone will not turn off. This feature helps keep your phone from being accidentally turned off.



Your Phone's Modes

Your Phone's Mode

Standby Mode

Standby is the most basic state of your phone. The phone goes into Standby mode soon after you turn it on, or if your phone is on, whenever you briefly press . When your phone is in Standby mode, you will see the time/date and the active top line icons.

Press  at any time to return to Standby mode, but be careful; if you're on a call when you press , you'll return to Standby mode but you'll also disconnect the call. Press  several times or hold it down to return to Standby mode without ending a call.

The Main Menu is accessed when you are in Standby mode by pressing . See "Your Phone's Main Menu" on page xxx for a listing of the Main Menu items.

Talk Mode

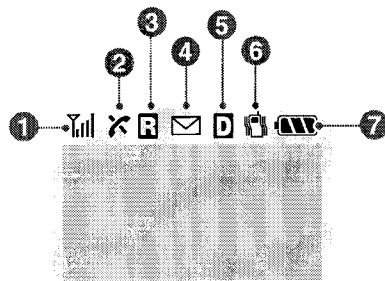
You can place and answer calls only when your phone is powered on. During a call, the phone is in Talk mode. While you are in Talk mode, pressing  gives you a list of options referred to as "InUse Menu" options. See "Menus" on page xx.

Power Save Mode

Your phone comes with a Power Save feature that will automatically be activated if your phone is unable to find a signal after 15 minutes of searching. While this feature is active, the phone's battery charge is conserved. The phone will automatically recheck for a signal periodically. A message on the display will let you know when your phone is operating in Power Save mode.

The Top Line of the Display

Display indicators (or icons) appear across the top of your phone's display screen. The signal strength and battery strength icons will always appear, but other icons appear based on your phone's operating mode.



1 Signal strength: This icon always appears when your phone is on, and shows your current signal strength. More lines indicate more signal strength. Four lines indicate maximum strength, and one line indicates least strength.



2 Service indicator: This icon indicates a call is in progress. If there is trouble with signal strength, this indicator will have a diagonal line through it.



No service indicator: This icon indicates your phone cannot find a signal because you're outside a service area. When this is

The Top Line of the Display

displayed, you cannot make or receive calls. Wait a little while for a signal or move into an open area.

Note: The no service indicator will always appear when you turn on your phone. As soon as service is found, the indicator disappears.

R

3 Roaming: This icon displays when the phone is outside your carrier's coverage area and receiving service from another carrier's network. If you are:

- ◆ in your home service area, this indicator will not display.
- ◆ in a preferred analog or digital roaming area (where your service provider has a roaming agreement in place), this indicator will be steady on, but not flashing.
- ◆ in an analog or digital coverage area that is not covered by your service provider, this indicator will flash once every second.



4 Message indicator: This icon indicates you have message(s) waiting. The message(s) can be a voicemail notification (VMN), page, or text message(s). Slide  to the right to see the Messages menu.

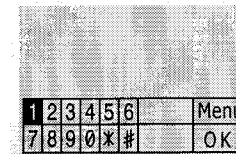
The Top Line of the Display

- D** ⑤ **Vibrating Ringer:** This icon indicates that an incoming call will vibrate the phone rather than ring it. This feature can be used for quiet situations where you don't want your ringer to disturb others or for loud situations where the ringer cannot be heard.
- ⑥ **Battery strength:** This icon is always displayed when your phone is on, and shows the level of your battery charge. The more black bars you see, the greater the charge. When the battery becomes very low, an empty box appears and the phone flashes an alert; this indicates your phone is about to turn itself off.

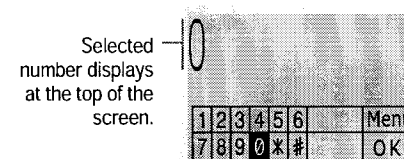
Basic Voice Call Functions

Entering Phone Number

1. In Standby mode, press the navigation key  to display the on-screen number pad.



2. Select the number you want to enter by using the four-direction navigation key , then press  to confirm it.



3. Repeat above step until you complete entering numbers.
 4. To dial the displayed number, press  .
- To select more options, press  to select **Menu** or **OK** from the on-screen number pad.

To Correct a Wrong Digit

- ◆ Press  at the right side of the phone to erase one digit at a time.
- ◆ You can erase all the digits at once by pressing and holding  for one second.

Making a Voice Call

1. Enter the phone number (up to 32 digits). For details, see page xx.
2. Press  at the right side of the phone. The phone places the call to the entered phone number.

You can also make voice calls:

- ◆ From your Phone Book (see "Shortcuts to Memory Dialing" on page xx).
- ◆ From your Call Logs list (see "Reviewing Outgoing, Incoming, or Missed Calls" on page xx).
- ◆ By using One-, Two- or Three-Touch Dialing (see "Shortcuts to Memory Dialing" on page xx).

Ending a Call

To end a call, press . If you end a call, the call time (length of the call) displays, along with the name and number of the called party (if available). Also, if the number is not stored in your Phone Book, your phone prompts you to save the number. If you do nothing, the phone automatically returns to Standby mode after approximately ten seconds.

Incoming Call Notification

Your phone signals an incoming call or message in the following ways:

- ◆ The backlight illuminates.
- ◆ The ringer sounds (unless you have set the ringer to Vibrate or Off).

Incoming call notification continues until one of the following events occurs:

- ◆ You answer the call.
- ◆ You press  to silence the ringer before answering the call.
- ◆ The calling party ends the call.
- ◆ The call is sent to Voicemail.

Your phone provides the following voice call notification features:

- ◆ Six ring volume settings including Vibrate, Off, and 1-Beep.
- ◆ Nine unique ring types and four melody tones (see "Ringer Type Setting for Voice Calls" on page xx).

Basic Voice Call Functions

- ◆ Name display with Caller ID (if the name is programmed into your Phone Book).
- ◆ Automatic storage of an incoming call's information in the Call Logs (the last 10 calls you answered are stored in the Incoming Call logs and the last 10 calls you missed are stored in the Missed Call Logs). See "Missed Calls" on page xx.

Redialing Calls

To redial the last call you made, press  twice. You can also easily redial any of your last ten incoming, outgoing or missed calls by accessing the Call Logs listings (see "Reviewing Outgoing, Incoming, or Missed Calls" on page xx).

Answering a Call

There are two ways to answer an incoming call. They're all easy.

- ◆ Press .
- ◆ Press any key except  (when the Any Key Answer menu option is selected.)

Your phone is preset to answer when you press . You can easily change how your phone answers by setting the Call Answer feature as explained here:

1. Press  to display the Main Menu.

Basic Voice Call Functions

2. Slide  down to scroll to Setup, then press  to confirm it.
3. Slide  down to scroll to Call Answer, then press  to confirm it.
4. Slide  up or down to toggle between Any key, or SEND key.
5. Press  to save the setting.

Automatic Call Answer

Your phone contains an automatic answer feature for use with the optional Hands-Free Car Kit. If your phone is installed in the Hands-Free Car Kit cradle, and this feature is turned on, then an incoming call will be answered automatically. Here's how to set this feature:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Setup, then press  to confirm it.
3. Slide  down to scroll to Auto Answer, then press  to confirm it.
4. Use  to toggle between:
 - ◆ Car Kit Only Yes - an incoming call will be answered automatically after two rings.
 - ◆ Car Kit Only No - an incoming call must be answered manually.
5. Press  to save the setting.

Adjusting Voice Volume During a Call

You can adjust the earpiece volume during a call using . Briefly slide it up or down to increase or decrease the volume. Current voice volume level is displayed.

To Mute the Microphone During a Call

You can mute the microphone during a conversation by selecting the Mute option from the InUse Menu. When Mute is active, "MUTE" displays. The phone resets this condition to the default (Un)Mute setting at the end of your call.

To mute the microphone during a call:

1. During a conversation, press  to display the InUse Menu.
2. Press  to access (Un)Mute option. You will hear the other party's conversation, but they will not hear your conversation. "MUTE" displays on the screen.
3. To "unmute" the microphone during the same conversation, repeat steps 1 and 2. Selecting the (Un)Mute option toggles Mute on and off.

Silencing the Ringer During an Incoming Call

When the phone is ringing, press  to silence (or mute) the ringer.

You can also set the ringer to remain off. See "Ringer Type Setting for Voice Calls" on page xx.

Using Caller ID

Note: You may need to contact your service provider to setup the Caller ID service. Your Samsung phone will support Caller ID as explained below.

This feature tells you who is calling you by displaying the caller's number when the phone rings. If a caller's name and number are stored in your Phone Book, the corresponding name is also displayed. If you call someone who has this feature, your phone number is displayed on their phone.

To block your phone number from being displayed on your next outgoing call, follow these steps:

1. Press  to display the on-screen number pad. For information on entering number using the on-screen number pad, see page xx.
2. Enter , , .
3. Enter the phone number, and then press .

Basic Voice Call Functions

To activate Block Own Number permanently contact your service provider.

Some service providers allow you to temporarily unblock a permanently blocked number. To temporarily unblock the number:

1. Press  to display the on-screen number pad.
For information on entering number using the on-screen number pad, see page xx.
2. Enter , , .
3. Enter the phone number, and then press .

Call Waiting

Note: You may need to contact your service provider to setup the Call Waiting service. Your Samsung phone will support Call Waiting as explained below.

Call Waiting lets you receive a second call during conversation. When a Call Waiting call comes in, the incoming call alert sounds (this sound is audible to you but not your first caller), and a text notification displays.

Your phone provides the option of turning the Call Waiting feature on or off. Call Waiting is on by default. If you choose to have an undisturbed conversation, simply turn off the feature for the current call.

Basic Voice Call Functions

Answering a Call Waiting Call

To answer a Call Waiting call:

1. Press . The phone connects the calling party and places the current party on hold.
2. Press  again to switch between the two parties.

Note: If you do not respond to a Call Waiting notification, the phone logs the call in the Missed Calls Log and then sends the call to your voicemail.

To turn off Call Waiting, contact your service provider.

Disabling Call Waiting

To turn off Call Waiting on your next call:

1. Press  to display the on-screen number pad.
For information on entering number using the on-screen number pad, see page xx.
2. Enter , ,  before dialing the number.
When you complete your call and hang up, the Call Waiting feature is automatically turned back on.

To turn off Call Waiting permanently contact your service provider.

Using Three-Way Calling

Note: You may need to contact your service provider to setup the Three-Way Calling service. Your Samsung phone will support Three-Way Calling as explained below.

Three-Way Calling lets you talk with two different people at the same time. When you use this feature, you will be charged normal airtime rates for each of the two calls you make. The phone records each called party in the Outgoing Calls Log.

During a three-way call, if one of the callers hangs up, you and the remaining caller will stay connected. If you initiated the call and you hang up first, all three parties are disconnected.

There are two methods for making a three-way call; the SEND key method and by using the InUse Menu.

Using the SEND key to place a three-way call:

1. During a conversation, simply press . The phone places the current call on hold.
2. Press  to display the on-screen number pad. For information on entering number using the on-screen number pad, see page xx.
3. Enter the number for the third party, and press .
4. When you're connected to the third party, press  again to begin your three-way call.

Using the InUse Menu to place a three-way call:

1. During a conversation, simply press  to display the InUse Menu.
2. Slide  down to scroll to 3-Way Call, then press  to access it.
3. Next, enter the number for the third party, and press . The phone places the current call on hold.
4. When you're connected to the third party, press  again to begin your three-way call.

Using Call Forwarding

Note: You may need to contact your service provider to setup the Call Forwarding service. Your Samsung phone will support Call Forwarding as explained below.

With Call Forwarding, you can have all of your incoming calls forwarded to another phone number - even if your phone is turned off. When Call Forwarding is used, you can still make calls from your phone.

To use Call Forwarding:

1. Press  to display the on-screen number pad.
For information on entering number using the on-screen number pad, see page xx.
2. Enter , , .
3. Enter the 11-digit phone number (1+ area code + phone number) to which your calls should be forwarded.
4. Press . You will hear a tone (or message) that confirms you've enabled Call Forwarding.

Note: Per-minute charges may apply for Call Forwarding. Press , , , , then press  (or your service provider code) to disable Call Forwarding. Once again, you'll hear a tone (or message) confirming that Call Forwarding is disabled.

Displaying Your Phone Number

You can easily display your phone number by two methods.

To view your phone number from Standby mode:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Phone Book, then press  to access it.
3. Slide  down to scroll to My Phone#, then press  to access it.
4. Press  to return to the previous screen, or  to return to Standby mode.

To view your phone number while in a conversation:

1. Press  to display the InUse Menu.
2. Slide  down to scroll to Phone Book, then press  to access it.
3. Slide  down to scroll to My Phone#, then press  to access it.

Missed Calls

Your phone keeps a list of calls that you do not answer when the phone is on and service is available. The phone indicates a missed call by displaying a text notification on the screen. Additionally, if caller information is available, a Missed Call Log entry is created, and the screen displays the phone number of the most recent missed call.

Your phone gives you two very convenient options when you have missed a call:

- ◆ Press  to call the displayed number.
- ◆ Press  to save the number in the Phone Book.

To view a list of your missed calls, see "Reviewing Outgoing, Incoming, or Missed Calls" on page xx.

- ◆ Press  to clear the "Missed Call" message from the display and return to Standby mode.

Dropped Calls

A dropped call can occur during a conversation in response to a signal fade or leaving a service area. In this case, the call ends and "Signal Faded" displays.

Press  to clear the message and return to Standby mode.

If the dropped call was an outgoing call from your phone, you can redial the number automatically by pressing  twice.

Failed Calls

A failed call can occur if your phone is out of calling range or the network is temporarily busy. Your phone responds to a failed call by displaying an appropriate text message: "Call Failed Out of Range" or "Call Failed Network Busy".

Cancel the call attempt and return to Standby mode by pressing  or  and try the call again later.

Key Beep Volume Setting

The keys on your phone beep when they are pressed. The volume of the beeps can be easily set to one of three levels. If you don't want the keys to beep at all, you can turn them off.

To set the key beep volume:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Setup, then press  to access it.
3. Slide  down to scroll to Sound, then press  to access it.
4. Slide  down to scroll to Key Beep, then press  to access it.
5. Slide  up or down to view and listen to the key beep volume options.
6. When the desired volume level displays, press  to save the setting.



Advanced Voice Calling Features

Prepend Dialing

The prepend option lets you add digits such as area codes and network feature activation codes (for example, to temporarily cancel call waiting) to a phone number that is stored in your Phone Book or Call Logs.

To prepend existing phone numbers in the Phone Book:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Phone Book, then press  to access it.
 - ◆ Or remember, by simply sliding  up or down in Standby mode, you can access the Phone Book. Slide  up to search the Phone Book numerically, or down to search the Phone Book alphabetically.
3. Find the number that you want to prepend; Access Find Name or Find Entry menu option.
4. Using the navigation key , scroll to the number/person you want to prepend and press  to confirm.
5. Press  for more options.
6. Scroll to Prepend, then press  to confirm.

Advanced Voice Calling Features

7. Enter the prepend digits (area code or feature activation code) by pressing the on-screen digit keys. For details, see page xx.

8. Press  to call the prepended number.

To prepend a phone number from your Call Logs:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Calls, then press  to confirm it.
3. Select:
 - ◆ Outgoing to prepend a number in the Outgoing Call Log.
 - ◆ Incoming to prepend a number in the Incoming Call Log.
 - ◆ Missed to prepend a number in the Missed Call Log.
4. Using the navigation key , scroll to the number/person you want to prepend and press  to confirm.
5. Press  for more options.
6. Slide  down to scroll to Prepend, then press  to access it.
7. Enter the area code or feature activation code by pressing the on-screen digit keys.
8. Press  to call the prepended number.

Advanced Voice Calling Features

Tone Length Setting

The tone length setting enables you to select short or long DTMF (dual-tone multi-frequency) tones. DTMF tones are sent by your phone to access teleservices (such as a bank account or voicemail system). The system used by the bank or other service determines if you need short or long DTMF. If the service is digital, short DTMF tones will almost always work. However, some new systems and almost all older (analog) systems require you to use long DTMF tones.

To set tone length:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Setup, then press  to access it.
3. Slide  down to scroll to Sounds, then press  to access it.
4. Slide  down to scroll to Tone Length, then press  to access it.
5. Slide  up or down to toggle between Short and Long.
6. When the desired option displays, press  to save the setting.

Automatic Hyphenation

This feature hyphenates numbers as follows:

- ◆ 123-456-7890

Digits following a pause are not hyphenated (see "Pause Dialing" on page xx).

Pause Dialing

When you call automated systems (like banking services), you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can store the numbers in your Phone Book, separated by special characters called pauses.

There are two kinds of pauses that can be entered on your phone:

- ◆ Hard pause - A hard pause stops the dialing sequence until you press .
- ◆ Two second pause - A two second pause stops the dialing sequence for two seconds and then automatically sends the remaining digits.

Your phone has two pause dialing methods: pause dialing from the Phone Book (see "Pause Dialing from a Stored Phone Book Entry" on page 36), and manual pause dialing (see "Manual Pause Dialing" on page xx).

Note: Multiple two second pauses can be entered to extend the length of a pause. For example, two consecutive two second pauses cause a total pause time of four seconds. However, keep in mind that pauses count as digits towards the 32 digit dialing maximum.

Storing Pauses in a Phone Book Entry

To store a number in your Phone Book that contains pauses:

1. Press  to display the on-screen number pad and enter the phone number you want to store (such as the bank's teleservice phone number). For details, see page xx.
2. Press , then select **Menu** from the on-screen number pad, then press .
3. Slide  down to scroll to Hard Pause, then press  to activate it. The letter "p" displays in the number, meaning that a hard pause will occur at that point in the dialing sequence. Enter the digits that need to follow the pause (such as your account number).

Or,

Slide  down to scroll to 2sec Pause, then press  to activate it. The letter "T" displays in the number, meaning that a "Timed" pause will occur at that point in the dialing sequence.

4. Press , to activate the selection area at the right column and enter the digits that need to follow the pause (such as your account number).
5. Store the number in your Phone Book as you normally would by pressing **OK** from the on-screen number pad and following the screen prompts.

Pause Dialing from a Stored Phone Book Entry

Pause dialing from the Phone Book is easy:

1. If you stored the number using a two second pause(s), simply dial the number from the Phone Book. The phone transmits the number that follows the "T" pause two seconds after connection. "SENDING DTMF" flashes on the screen (the transmitted tones are audible).
2. If you stored the number using a hard pause(s), simply dial the number from the Phone Book and wait for the appropriate prompt from the number you are calling (credit card number, bank account number, etc.). When prompted, press  to send the DTMF number that follows your hard pause. "SENDING DTMF" flashes on the screen (the transmitted tones are audible).

Manual Pause Dialing

To perform manual pause dialing without first storing the number in the Phone Book, enter pauses manually using the Digit Entry menu during the dialing process.

To manually dial a number using a pause(s):

1. Enter the phone number of the service you want to call (such as a bank's teleservice phone number). For example, your bank's teleservice phone number might be an 800 number. For information on entering phone number, see page xx.

Pause Dialing

2. Press  to activate selection area at the right column, then select the **Menu**.
3. Select the associated option:
 - ◆ Scroll to Hard Pause. The screen displays a "p" indicating a hard pause. Enter the number to be sent after the pause by pressing the digit keys, and then press . After connecting, press  again to transmit the additional number.
 - ◆ Scroll to 2sec Pause. The screen displays a "T" indicating a timed pause. The screen prompts for the number to be sent after the pause. Enter the number to be sent after the pause by pressing the digit keys, and then press . The phone transmits the number that follows the pause two seconds after connection.

Note: Storing numbers is convenient if you plan to dial the number often.



Menu

Your phone includes both a Main Menu and an InUse Menu.

Main Menu

The Main menu in Standby mode contains seven primary options, all of which contain sub-menus (see "Your Phone's Main Menu" on page xx).

InUse Menu

The In Use menu options are available in Talk mode:

- | | |
|---------------|---------------|
| 1. (Un)Mute | 5. Phone Book |
| 2. 3-Way Call | 6. Calendar |
| 3. Calls | 7. Version |
| 4. Messages | |

Menu Navigation

- ◆ Press  to display menu items in Standby mode or Talk mode.
- ◆ To scroll through the menu items, slide  down or up.
- ◆ When the option you want is highlighted, press  to access the selected option.
- ◆ Press  to back up one menu level, or press  to return to Standby mode.

Note: The phone will automatically return to Standby mode from any menu if you don't touch a key for 60 seconds.



Your phone's Main Menu

Main Menu	Menu Level 1	Menu Level 2	See
1. Voice Command*	1. Command List		page xx
	2. Setting	1. Gender 2. Timeout	page xx page xx
2. Calls	1. Outgoing 2. Incoming 3. Missed 4. Erase History	1. Outgoing 2. Incoming 3. Missed 4. All Calls	page xx page xx page xx page xx
	5. Air Time	1. Total 2. Erase Total	page xx page xx
3. Phone Book	1. Find Name 2. Add New Entry 3. My Phone # 4. Find Entry		page xx page xx page xx page xx
4. Messages	1. Voicemail	1. Listen 2. Reset	page xx page xx
	2. Page/Text 3. Erase Page/Text 4. Msg Time		page xx page xx page xx
		1. Time Rcvd 2. Local Time 3. UTC	page xx page xx page xx

* This option is not available at time of this printing.

Your Phone's Main Menu

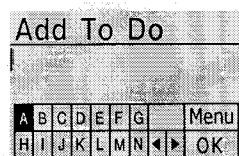
Main Menu	Menu Level 1	Menu Level 2	See
5. Calenda	1. Today 2. Month View 3. Jump to Date 4. To Do List 5. Countdown 6. Alarm Clock 7. World Clock		page xx page xx page xx page xx page xx page xx page xx
6. Setup	1. Sounds	1. Ringer Volume 2. Ringer Type 3. Key Beep 4. Tone Length 5. Alerts	page xx page xx page xx page xx page xx
	2. Display	1. Backlight 2. Light Color 3. Greeting 4. Version	page xx page xx page xx page xx
	3. Security	1. Lock Phone 2. Change Lock 3. Special# 4. Erase PhoneBook 5. Reset Phone	page xx page xx page xx page xx page xx
	4. Call Answer	Any key or SEND key	page xx page xx
	5. Auto Answer		page xx
7. Key Guard			page xx



Entering Text

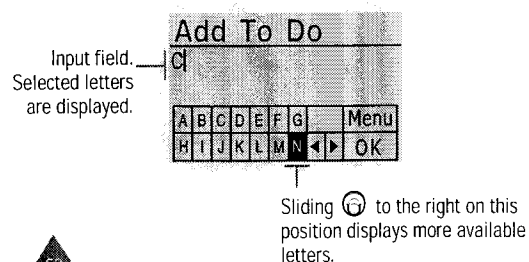
At various times when using your phone, you will need to enter text. For example, when storing a name in the Phone Book, entering events in your Calendar.

When you are prompted to enter text, the on-screen keyboard displays. For example, when you enter To Do item, the display show:



To enter text:

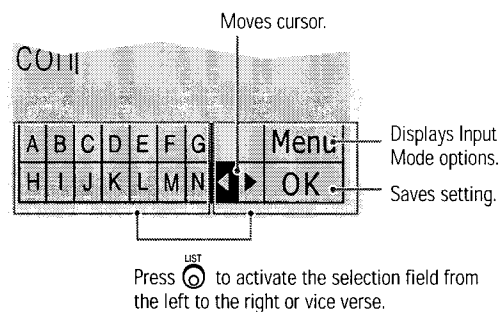
1. Use the four-direction navigation key to select the desired letter.
2. Press to confirm the letter highlighted. The selected letter displays at the top of the screen.



Entering Text

3. Repeat above steps to complete text. To see more available letters on the keyboard, slide to the right on the last character or slide it to the left on the first character on the keyboard.
4. To select Menu options, move cursor, or save the setting, you have to activate the selection field at the right side by pressing .

Then use the navigation key to select the corresponding key.

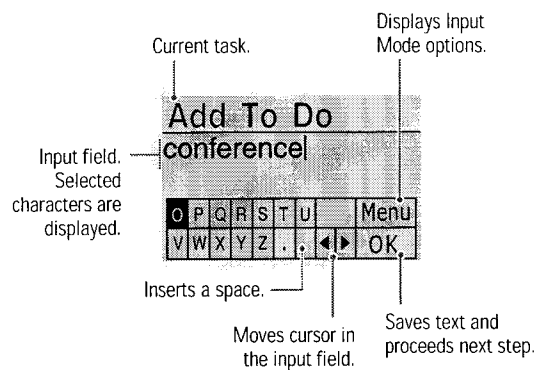


When entering text;

- ◆ select the empty box from the on-screen keyboard to insert a space.
- ◆ select or from the on-screen keyboard to move cursor in the input field to left or right.
- ◆ press to clear the last number, letter, or symbol. Press and hold to completely clear the input field.

Entering Text

- ◆ to change or shift the case, select **Menu** from the on-screen keyboard to display the Input Mode options, then select Capital or Small letter.
- ◆ to include numbers or symbols in text or name, select **Menu** to display the Input Mode options, then select Number or Symbol. On-screen number or symbol keyboard displays. Select the desired key.



Audible Alerts

Your phone will beep at you from time to time to let you know that certain things have happened. You can easily turn these beeps off or on. Following is a description and a simple procedure to turn them on or off.

Service Alert

A service alert is two short beeps that sound when:

- ◆ The phone experiences a dropped call or a failed call.
- ◆ The phone enters or leaves a service area.

To set the service alerts on or off:

1. Press **LIST** to display the Main Menu.
2. Slide **DOWN** down to scroll to Setup, then press **RIGHT** to access it.
3. Slide **DOWN** down to scroll to Sounds, then press **RIGHT** to access it.
4. Slide **DOWN** down to scroll to Alerts, then press **RIGHT** to access it.
5. Slide **DOWN** down to scroll to Service, then press **RIGHT** to access it.
6. Slide **UP** up or down to toggle between On or Off. When the desired setting displays, press **RIGHT** to save.

Audible Alerts

Minute Beep

You can set the minute beep option to sound on alert 10 seconds before each elapsed minute to remind you of the length of the current call.

To turn minute beep on or off:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Setup, then press  to access it.
3. Slide  down to scroll to Sounds, then press  to access it.
4. Slide  down to scroll to Alerts, then press  to access it.
5. Slide  down to scroll to Minute Beep, then press  to access it.
6. Slide  up or down to toggle between On or Off. When the desired setting displays, press  to save.

Display Options

Your phone has several easy-to-use display options. These allow you to:

- ◆ Control when and how long your backlight is on.
- ◆ Select the light color.
- ◆ Define a personal greeting of up to 12 characters.
- ◆ View the hardware and software versions of your phone.

Backlight Control

You have several options for setting how the backlight turns on and off. Remember that backlight use drains your battery faster.

To select backlight options:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Setup, then press  to access it.
3. Slide  down to scroll to Display, then press  to access it.
4. Press  to access Backlight.
5. Slide  up or down to scan menu options: Always On, 8 or 30 Seconds (after last keypress), or Off.



Display Options

- When the desired option displays, press  to save the setting.

Note: The Backlight options work the same as described above when the phone is attached to the optional hands-free car kit.

Light Color

You can select the color of the light to illuminate the display screen.

To select the light color:

- Press  to display the Main Menu.
- Slide  down to scroll to Setup, then press  to access it.
- Slide  down to scroll to Display, then press  to access it.
- Slide  down to scroll to Light Color, then press  to access it.
- Slide  up or down to scan light color options: Emerald, Green, Blue, Yellow, Pink or Red.
- When the desired option displays, press  to save the setting.

Display Options

Personal Greeting

Your phone comes from your service provider programmed with a greeting. This greeting displays in Standby mode. You can personalize this greeting with anything you want up to 12 characters.

To modify your personal greeting:

- Press  to display the Main Menu.
- Slide  down to scroll to Setup, then press  to access it.
- Slide  down to scroll to Display, then press  to access it.
- Slide  down to scroll to Greeting, then press  to access it.
- Your current greeting displays. Press  to clear the current setting if necessary.
- Enter a new personal greeting by pressing the alphanumeric keys on the screen. For information on entering text, see page xx.
- Press  to save your personal greeting.

Display Options

Displaying your Phone's Software and Hardware Versions

You can view the software and hardware versions of your phone. This feature is helpful if you need to call customer care (or client care). Here's how to do it:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Setup, then press  to access it.
3. Slide  down to scroll to Display, then press  to access it.
4. Slide  down to scroll to Version, then press  to access it. Information about your phone's hardware and software displays.
5. Press  to return to Standby mode.



Ringer Options

Your phone provides a variety of ringer options in the Sounds menu. These options allow you to customize your ringer type and ringer volume settings so that you can easily recognize when a certain type of call is coming in.

Ringer Type Setting for Voice Calls

This option enables you to set a unique ringer type for incoming voice calls. Also, incoming voice calls which have Caller ID can be distinguished from those that do not by selecting different tones.

To set the ringer type for voice calls:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Setup, then press  to access it.
3. Press  to access Sounds.
4. Press  to access Ringer Type, then press  to access it.
5. Press  to access Voice Calls.
6. Select with Caller ID to set the ringer type for calls that have Caller ID information or no caller ID for calls without Caller ID information.

Ringer Options

- Slide  up or down to scan nine ringer types and four melody tones. Each tone sounds as you scroll the options.
- When the desired ringer type sounds, press  to save the setting.

Ringer Volume Setting for Voice Calls

- Press  to display the Main Menu.
- Slide  down to scroll to Setup, then press  to confirm it.
- Press  to access Sounds.
- Press  to access Ringer Volume.
- Press  to access Calls.
- Slide  down or up to scan the options; -18dB-0dB, 1-Beep, Vibrate, or Off.
- When the desired ringer volume setting displays, press  to save the setting.

Ringer Options

Ringer Type Setting for Message Calls

This option enables you to set a unique ringer type for incoming message calls. This means you can have distinct ringer types for Voicemail notifications, Text messages, and numeric pages.

To set the ringer type for message calls:

- Press  to display the Main Menu.
- Slide  down to scroll to Setup, then press  to access it.
- Press  to access Sounds.
- Slide  down to scroll to Ringer Type, then press  to access it.
- Slide  down to scroll to Messages, then press  to access it.
- Slide  down to scroll to Voicemail, Page, or Text, then press  to access it.
- Slide  down or up to scan nine ring types and four melody tones. Each tone sounds as you scan the options.
- When the desired ring type sounds, press  to save the setting.

Ringer Volume Setting for Message Calls

This feature enables you to select a unique ringer volume for incoming message calls. This volume setting applies to incoming voicemail notifications, text messages, and numeric pages.

To set the ringer volume for message calls:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Setup, then press  to access it.
3. Press  to access Sounds.
4. Press  to access Ringer Volume.
5. Slide  down or up to scan options; -18dB-0dB, 1-Beep, Vibrate, or Off.
6. When the desired volume setting displays, press  to save the setting.

Ringer Type Setting for Your Alarm

This option enables you to set a unique ringer type for your alarm.

To set the ringer type for the alarm:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Setup, then press  to access it.
3. Press  to access Sounds.
4. Slide  down to scroll to Ringer Type, then press  to access it.
5. Slide  down to scroll to Alarm, then press  to access it.
6. Slide  down or up to scan nine ring types and four melody tones. Each tone sounds as you scan the options.
7. When the desired volume setting displays, press  to save the setting.

Ringer Options

Ringer Volume Setting for Your Alarm

This feature enables you to select a unique ringer volume for your alarm.

To set the ringer volume for your alarm:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Setup, then press  to access it.
3. Press  to access Sound.
4. Press  to access Ringer Volume.
5. Slide  down to scroll to Alarm, then press  to access it.
6. Slide  down or up to scroll to the desired volume level or Off.
7. When the desired volume setting displays, press  to save the setting.



Key Guard

To avoid accidental key presses, you can enable the Key Guard feature. However, you'll still be able to receive incoming calls and messages. This feature also prevents needless battery usage because the phone does not respond to any keypresses and turns off the backlight.

Note: If you have an incoming call, the key Guard feature is temporarily disabled, which allows you to answer call. When you are done with the call, Key Guard is automatically turned on.

To activate Key Guard:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Key Guard, then press  to access it. The keypad locks and "KeyGuard" displays.

To deactivate KeyGuard:

Press and hold  to deactivate Key Guard.

Emergency Dialing

You can place calls to 911 even if your phone is locked (see "Lock Mode" on page xx). 911 calls can be made in analog service areas outside of your service provider's network.

Calling 911

1. Press  to display the number pad on the screen even when the phone is locked.
2. Press , ,  from the on-screen keyboard.
3. Press .

Note: Even if your account is restricted, you can still dial 911, but no other emergency numbers.

IMPORTANT NOTICE! PLEASE READ!

Because of various transmission methods, network parameters, and user settings used to complete a call from your wireless phone, a connection cannot always be guaranteed.

Therefore, emergency calling may not be available on all wireless networks at all times.

DO NOT depend on this phone as a primary method of dialing 911 or for any other essential or emergency communications.

Remember to always turn your phone on and check for adequate signal strength before placing a call.

Keeping Track of Your Calls

Your phone does a great job of telling you about its calling activity and lets you easily return these calls.

Your phone retains these three call lists in memory:

- ◆ Incoming - the last 10 calls placed to your phone.
- ◆ Outgoing - the last 10 calls placed from your phone.
- ◆ Missed - the last 10 calls placed to your phone that you did not answer.

Each entry in the three lists is referred to as a Call Log. Each Call Log contains the name and phone number (if available), and a time/date stamp. In case of duplicate entries back-to-back, the phone consolidates those logs and stores only the most recent call from or to the same number.

You can also erase your call log lists easily (see "Erasing Call Logs" on pagexx).

In addition to the Incoming, Outgoing, and Missed calls lists, your phone maintains an airtime log. See "Reviewing Airtime" on page xx for information on this useful feature.

Note: You can quickly access your last five outgoing call logs from Standby Mode by pressing . Then just use the navigation key  to review your calls. If you find one that you want to call, press  again to be immediately connected.

Reviewing Outgoing, Incoming, or Missed Calls

When displaying a Call Log, press  to be immediately connected.

1. Press  to display the Main Menu.
2. Slide  down to scroll to Calls, then press  to access it.
3. Select the associated option. The following options are available:
 - ◆ 1: Outgoing calls
 - ◆ 2: Incoming calls
 - ◆ 3: Missed calls
4. When the list of calls displays, use the navigation key  to scan the logs. The time / date stamp displays for each log. If there is a Phone Book match, the name displays. If there is not a Phone Book match, only the phone number displays.
5. When a log is highlighted you can press:
 - ◆  to be connected to that party.
 - ◆  to review information available on that call (name and phone number (if available) and time/date stamp). When you are viewing this information you can press  for more options (talk, show entry, or prepend the number).
6. Press  to return to the previous screen, or  to return to Standby mode.

Erasing Call Logs

You can erase any of the three lists (Outgoing, Incoming or Missed calls) or you can easily erase all three lists at once. Here's how to do it:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Calls, then press  to access it.
3. Slide  down to scroll to Erase History, then press  to access it.
4. Select the associated option. The following options are available:
 - ◆ 1: Outgoing calls
 - ◆ 2: Incoming calls
 - ◆ 3: Missed calls
 - ◆ 4: All calls
5. Press  to erase or press  to cancel the operation and return to the previous screen.

Reviewing Airtime

Your phone records (or logs) the amount of airtime or talk time used. The "Total" measurement lists the number of calls made to or from your phone, and the total time in hours and minutes for these calls. This airtime measurement can easily be erased by you at any time and therefore is convenient for approximating your usage on a daily, weekly, monthly, etc. basis. This feature is not intended for billing purposes.

To view or erase your total airtime measurement:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Calls, then press  to access it.
3. Slide  down to scroll to Air Time, then press  to access it.
4. Select:
 - ◆ Total: The screen displays the total number of calls and the total airtime for all calls since you set this total to zero (by using the "Erase Total" option). Press to return to the previous screen.
 - ◆ Erase total: Press  to erase the "Total" airtime measurement, or press  to cancel the operation and return to the previous screen. If you choose this option, then the counter will be set to "zero" and will begin counting up the next time you make or receive a call.



Phone Book

Your phone lets you store up to 229 numbers and names in the Phone Book. Each entry can have up to 6 associated phone numbers. Each entry can contain up to 32 digits including hard pauses, with an associated name of up to 12 characters. Name entry is optional. Stored phone numbers can be categorized as one of six categories - Home, Work, Mobile, Pager, Fax and No label. You can even specify the memory location of your choice for each entry. Memory locations can be marked "Secret" preventing the unauthorized from seeing the telephone number.

One-touch, two-touch, and three-touch dialing from your Phone Book makes it easy to call a phone number stored in your Phone Book. See "Shortcuts to Memory Dialing" on page xx.

Viewing Stored Entries

You can locate and view your Phone Book entries three different ways:

Viewing stored entries in one step

The navigation key allows you to view your entire Phone Book in alphabetical order of the names (a-z), or by numerical order (1-229) from Standby mode.

1. Simply slide  up or down to access Phone Book in Standby mode. Slide down up to access the Phone Book numerically, or to access the Phone Book alphabetically.

- Slide  down or up to navigate through your stored entries.

Finding stored entries by name

- Press  to display the Main Menu.
- Slide  down to scroll to Phone Book, then press  to access it.
- Press  to access to Find Name.
- Scroll through Phone Book entries using the navigation key .
- When you find your desired entry, make sure it is highlighted, and then press  to place a call, or  to edit the entry.

Finding stored entries by location

- Press  to display the Main Menu.
- Slide  down to scroll to Phone Book, then press  to access it.
- Slide  down to scroll to Find Entry, then press  to access it.
- Scroll through Phone Book entries using the navigation key .
- When you find your desired entry, make sure it is highlighted, and then press  to place a call, or  to edit the entry.

Storing Phone Numbers and Names

To store phone numbers and names:

- Press  to display the Main Menu.
- Slide  down to scroll to Phone Book, then press  to access it.
- Slide  down to scroll to Add New Entry, then press  to access it.
- The screen prompts for the phone number. (You can enter up to 32 digits.) Enter the phone number from the on-screen number pad. For details on entering phone number, see page xx.
- Select **Menu** from the on-screen keyboard to enter a hard or two second pause or select **OK** for the next prompt.
- Select a Label for your new entry using the navigation  key; your choices are Home, Work, Mobile, Pager, Fax, or No Label.
- The phone prompts for a name. Press  to select <Add new name> and create a new Phone Book entry. You will add a name to the new entry later.
- Enter the name using the on-screen keyboard, then select **OK**. For information on entering name, see "Entering Text" on page xx.
- To accept the displayed location, press  or to select another location, slide  down or up to scroll to the desired location then press .

To Add a New Phone Number to an Existing Entry

To store phone numbers and names:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Phone Book, then press  to access it.
3. Slide  down to scroll to Add New Entry, then press  to access it.
4. The screen prompts for the phone number. (You can enter up to 32 digits.) Enter the phone number from the on-screen number pad. For details on entering phone number, see page xx.
5. Select **Menu** from the on-screen keyboard to enter a hard or two second pause or select **OK** for the next prompt.
6. Select a Label for your new entry using the navigation  key; your choices are Home, Work, Mobile, Pager, Fax, or No Label.
7. At the Name? prompt, use the navigation key  to scroll to the Phone Book entry that you are adding a number to. Press  to store the new phone number.

Note: If the desired memory location already contains an entry, the phone displays a message asking if you want to replace the current entry. To replace the entry, press . To return to the previous screen and select another location, press . You can only use each label one time for each stored name (for example, you can only have one number labeled Work for a name entry).

Shortcuts to Storing Phone Numbers

You can store a phone number quickly by entering the number, and then pressing **OK** on the screen. Then follow the prompts to designate the label, name and entry. You can quickly save a number after an incoming or outgoing call. See the next page for "Storing phone numbers at the end of a call."

Storing Phone Numbers at the End of a Call

To store a phone number after ending a call:

Note: If the call was incoming, and Caller ID information was not available, then the store option will not be available.

1. Once you have pressed  to end your call, the screen displays the call time (length of call), phone number of the party (if available), and the "OK: Save" option.

2. To store the phone number, press . The procedure at this point is the same as "To store phone numbers and names:" on page xx.

Prepend a Phone Number

Your phone includes a Prepend feature (to temporarily disable call waiting, for example). This feature lets you add a temporary prefix to telephone numbers stored in the Phone Book.

To Prepend a stored phone number:

1. Press to display the Main Menu.
2. Slide down to scroll to Phone Book, then press to access it.
3. Find the number you want to Prepend using one of the search methods described under "Viewing Stored Entries" on page xx and then press .
4. Press to display options.
5. Slide down to scroll to Prepend, then press to prepend the number.
6. The screen displays "Prepending". Use the on-screen digit keys to enter the calling prefix and then press to place the call.

Adding a Name Ringer

You can associate one of 13 different ringers (four melodies and nine tones) to numbers stored in your Phone Book. When you receive an incoming call from a number matching an entry in your Phone Book your phone will sound the associated ringer to announce the call.

Note: If the Caller ID information was not available for an incoming call then the Name Ringer option will not be available.

To add a Name Ringer to a Phone Book entry:

1. Press to display the Main Menu.
2. Slide down to scroll to Phone Book, then press to access it.
3. Find the number you want to add a Name Ringer using one of the search methods described under "Viewing Stored Entries" on page xx, and then press .
4. Press to display options.
5. Slide down to scroll to Name Ringer, then press .
6. Your phone displays the current ringer setting. Use the navigation key to listen to available ringers and melodies.
7. Press to save your ringer selection.

Editing Phone Book Numbers

Once you have stored a number in the Phone Book you can easily change it. To change a Phone Book entry:

1. From Standby mode, find the Phone Book entry that you want to change by sliding  up or down and then scrolling to the name or number.
2. Press  to display the name and number.
3. Press  for options.
4. Slide  down to scroll to Edit, then press  to access it.

Your edit options display. If the number has been designated as Secret, you are prompted to enter the Lock Code.

- ◆ Select Phone # to change the number.
- ◆ Select Name to change the name.
- ◆ Select Entry # to move the number to a different location.
- ◆ Select Secret to make the number secret. For further information, see page xx.
- ◆ Select Set Speed Dial to Set Speed Dial number. For details, see page xx.

Erasing Phone Book Entries

To erase an entry in the Phone Book:

1. From Standby mode, find the Phone Book entry that you want to change by sliding  up or down and then scrolling to the name or number.
2. Press  to display the name and number.
3. Press  for options.
4. Scroll to Erase, then press  to access it.
5. Your phone will prompt you for confirmation. Press  to confirm and erase the Phone Book entry, or press  to cancel the erase and return to the Phone Book options menu.

The "Erased" notification displays along with the name, number, and location of the erased entry.

Secret Phone Book Numbers

Your phone allows you to hide a confidential number so that only a person with your phone's lock code can view the number and name. To make a number secret, see "Editing Phone Book Numbers" on page xx. When you have made the number secret, the phone will not allow anyone to view information on the number unless they enter your four-digit lock code.

Setting Speed Dial

For each name entered in the Phone Book, one of the programmed numbers should be designated as the speed dial number.

1. From Standby mode, find the number that you want to change by sliding  up or down and then scrolling to the name or number.
2. Press  to display the name and number.
3. Press  for options.
4. Slide  down to scroll to Edit, then press .
5. Slide  down to scroll to Set Speed Dial, then press .
6. Press  to set Speed Dial. The message "Speed Dial Saved" displays. To cancel, press  to return to the previous menu.

Dialing Number from the Phone Book

Dialing numbers from your Phone Book is quick and easy. There are six methods explained below.

Shortcuts to Memory Dialing

Scroll to the number:

From Standby mode, Slide  up or down to enter your Phone Book list. Scroll until you find the desired person or number, and then press .

One-Touch Dialing:

Press  in Standby mode, select the associated digit key for the location (applies to memory locations 1 through 9) on the screen, then press and hold .

Two-Touch Dialing:

Press  in Standby mode, press and release the first associated digit key on the screen, and then press and hold the second digit key (applies to two-digit memory locations 10 through 99).

Three-Touch Dialing:

Press and release the first associated digit key on the screen, then press and release the second digit key, then press and hold the third digit key (applies to three-digit memory locations 100 through 229).

Speed Dialing:

From Standby mode, enter the number of the memory location, and press .

Phone Book

4-Digit Phone Book:

From Standby mode, enter four consecutive digits of a number that you have stored in your phone book (for example, these digits could be the last four digits of your office phone). Then just press  to display options. Scroll to 4-Digit Dial then press . Note this is not the same as Abbreviated Dialing. For information on abbreviated dialing, see "Dialing Abbreviated Phone Numbers" on page xx.

Dialing Abbreviated Phone Number

From Standby mode, your phone allows you to dial a short digit string (four digits for example) and be immediately connected (if supported by your service provider).

Five and six digit strings will be immediately connected - simply dial the digits and press . To dial a smaller digit string (that is, 1, 2, 3, or 4 digits) is also very easy - it just requires a little extra button pushing. Here's how to do it:

1. Press  to display the on-screen number pad. For information on entering number, see page xx.
2. Dial the desired digits (1, 2, 3, or 4 digits).
3. Select **Menu** on the screen.
4. Slide  down to scroll to Talk, then press  to access it. The abbreviated number is immediately dialed.

Calendar

Your phone features a Calendar to help you keep track of important dates and events, create To Do Lists, set a Count Down alarm, and check the time in another part of the world.

To access your Calendar:

1. Press  to display the Main Menu.
2. Scroll to Calendar using the navigation key , then press  to access it.
3. Navigate to the Calendar options using the  key, then press  to access that option.

Calendar has the following options:

- ◆ 1: Today
- ◆ 2: Month View
- ◆ 3: Jump To Date
- ◆ 4: To Do List
- ◆ 5: Countdown
- ◆ 6: Alarm Clock
- ◆ 7: World Clock

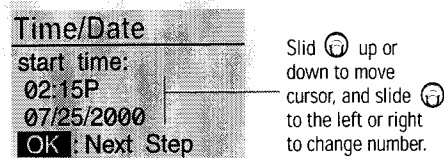
Note that all of your Calendar functions are available when you are on a call by pressing . This means you can easily check your schedule while talking to someone.

Today

You can schedule up to nine events for the current day indicating each event's start and end time. You can even have your phone's Calendar alert you before an event is to start. Events scheduled for future dates automatically appear on your Today events schedule on that day.

Here's how to enter an event:

1. When you access Calendar, Calendar options are displayed.
2. Press  to access Today from the Calendar options.
3. Enter your event information, you can enter up to 32 characters. For more information on text and symbol entry, refer to "Entering Text" on page xx.
4. Press **OK** on the screen to accept your entry.
5. To enter the Start Time and date:

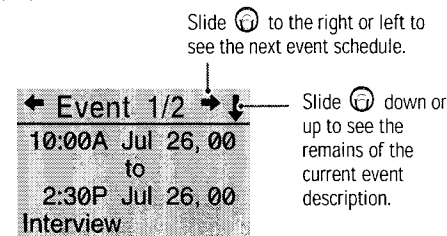


The cursor blinks at the first digit. Slide  to the right or to the left to increase or decrease the number. When the first digit displays correctly, slide  down to move the cursor to the next digit.

6. Press **OK** on the screen to accept your entry.
7. Enter the End Time and Date as described at Step 5.
8. Press **OK** on the screen to accept your entry.
9. Select an alarm to notify you of your event. Your Alarm options are: 10 minutes Before, 30 minutes Before, 1 hour Before, No Alarm and On Time.
10. Press  to save the setting.
11. Press  to exit.

To view an event:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Calendar, then press  to access it.
3. Press  to access Today.
4. Use the navigation key  to display all of an events information. If you have more than one event, use the navigation key to display more events.



Calendar

To add, edit or erase events:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Calendar, then press  to access it.
3. Press  to access Today. If you have more than one event scheduled, slide  to the right or left to scroll your events one at a time.
 - ◆ To add a new event for today, press , then press  to access New Event.
 - ◆ To edit an event, navigate to the event to be edited and press , then scroll to Edit Event.
 - ◆ To erase an event, navigate to the event you want to erase and press , scroll to Erase Event.
 - ◆ Press , then scroll to Exit to exit the Options menu.

Month View

Month view allows you to view in calendar format the current month, or a past or future month. In month view, the current date is highlighted on the calendar. Days with scheduled events are underlined.

Access Month View as follows:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Calendar, then press  to access it.

Calendar

3. Slide  down to scroll to Month View, then press  to access it.
 - ◆ Remember, the current date is highlighted.
 - ◆ Use the navigation key  to select the month and day.

To view a scheduled event, add a new event, edit or erase an event on your Calendar:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Calendar, then press  to access it.
3. Slide  down to scroll to Month View, then press  to access it.
 - ◆ The current date is highlighted.
 - ◆ Use the navigation key  to select the month and day.
4. Press  to display events for the selected day. If no events are scheduled for your selected day (the date is not underlined) your phone will automatically go to the New Event function.
 - ◆ If more than one event is scheduled for Today, use the navigation key to view all events for the day you selected.
5. Press **OK** on the screen or press  to return to the Calendar.
6. Press  to display the Options menu. Choose what you want to do: New Event, Edit Event, Erase Event and Exit. All of these options work as described above.

Jump to Date

Jump To Date allows you to specify the calendar date you want to view. Once at your desired date you can enter, edit and erase events in your calendar.

1. Press  to display the Main Menu.
2. Slide  down to scroll to Calendar, then press  to access it.
3. Slide  down to scroll to Jump To Date, then press  to access it.
4. The cursor blinks at the first digit. Slide  to the right or left to increase or decrease the number. When the first digit displays correctly, slide  down to move the cursor to the next digit. Repeat until you complete.
5. Press **OK** on the screen to display the Calendar and jump to the date you selected.

To add, edit or erase events refer to "Month View" on page xx.

To Do List

Your To Do list can help you keep track of and prioritize the things you need to do. You can enter and prioritize up to 20 items on your To Do List.

Here's how to create a To Do List:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Calendar, then press  to access it.
3. Slide  down to scroll to To Do List, then press  to access it.
4. Enter the item you need to do. To input text and characters, refer to "Entering Texts" on page xx.
5. Press **OK** on the screen.
6. Enter the time and date and press .
7. Using the navigation key, set the priority for the To Do item. Your choices are High and Low.
8. Press  to save your prioritized To Do List item.

To view, edit, add, or erase To Do List items

1. Press  to display the Main Menu.
2. Slide  down to scroll to Calendar, then press  to access it.

Calendar

- Slide  down to scroll to To Do List, then press  to access it.
- Using the navigation key, find the To Do List item you want to change and press .
- Select the option corresponding to the action that you want. Your choices are New Item, Edit Item, Erase Item and Exit.
- Continue to add a new item, edit an existing item or erase an existing item by following the prompts.

Count Down

Have you ever wanted to know how much time it takes you to do something, or how many minutes, hours, days and months until a special event? The Count Down option can help you answer these questions. You can create up to 5 Count Down timers using the Count Down feature in Calendar.

To enter a Count Down:

- Press  to display the Main Menu.
- Slide  down to scroll to Calendar, then press  to access it.
- Slide  down to scroll to Countdown, then press  to access it.

Calendar

- Enter the name of your new Count Down. To input text and characters refer to "Entering Text" on page xx. Press **OK** on the screen when complete.
- Enter the date and time that you want to count down to or from. For example, if today's date is November 23, 2000 and you want to know how many months, days and hours are left before 7:00PM February 14, 2001 enter the time 07:00PM and the date 02/14/2001.
◆ Count Downs can be entered for dates up to 2099.
- Press  to save your new Countdown item.

To view and add, edit or erase a Count Down:

- Press  to display the Main Menu.
- Slide  down to scroll to Calendar, then press  to access it.
- Slide  down to scroll to Countdown, then press  to access it.
◆ Count Down timers display in order of least amount of time passed since the Count Down was started, and least amount of time remaining until the specified date.
- Press  to display options:
- Select the option corresponding to the action that you want. Your choices are New Item, Edit Item, Erase Item and Exit.

- Continue to add a new item, edit an existing item or erase an existing item by following the prompts.

Alarm Clock

Your phone has an alarm clock inside of it with three separate alarms. Each alarm can be set to go off one time or to go off daily at a time that you have programmed. Once you set an alarm, it is easy to change it's time or to turn it off.

To set the Alarm:

- Press  to display the Main Menu.
- Slide  down to scroll to Calendar, then press  to access it.
- Slide  down to scroll to Alarm Clock, then press  to access it.
- Select the alarm you want to set, then press  to access it.
- Choose "" Daily" or "No Repeat" for the alarm,  to access it.
- Enter the date and time for the alarm as described at Step 5 on page xx. Note that no date setting is available for a Daily alarm.
- Press  to save the alarm setting. Your phone returns to the Alarm menu showing the date and time of each alarm that is set.

To edit or erase a programmed Alarm:

- Press  to display the Main Menu.
- Slide  down to scroll to Calendar, then press  to access it.
- Slide  down to scroll to Clock, then press  to access it.
- Select the alarm you want to set, then press  to access it.
- In the Options screen, select Edit or Erase. If you chose Erase, the alarm is immediately erased and you are returned to the Alarm menu. You can also choose Exit if you change your mind.
- If you chose Edit, then choose "" Daily" or "No Repeat" for the alarm, and enter the new date and time for the alarm.
- Press  to save the new alarm setting. Your phone returns to the Alarm menu showing the date and time of each alarm that is set.

World Clock

Have you ever wanted to call a friend in another part of the world but wondered what time of the day it is there? To know what time it is before you call, use the World Clock function of the Calendar. World Clock will tell you what time it is in twenty-four different time zones around the world along with one or more major cities, states, regions or countries in a time zone.

Calendar

Checking the current time in another city of country:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Calendar, then press  to access it.
3. Slide  down to scroll to World Clock, then press  to access it.
4. Use the navigation key  to find the current time in one of the following 24 time zones (time zones are identified by one or more cities, states, regions or countries in a time zone):

- | | |
|--------------------|----------------------|
| • San Francisco | • Abu Dabi |
| • Denver, Arizona | • Tashkent |
| • Chicago, Mexico | • Alma-ata |
| • New York, D.C. | • Bangkok, Jakarta |
| • Caracas | • Hong Kong, Beijing |
| • Buenos Aires | • Seoul, Tokyo |
| • Mid Atlantic | • Guam, Sydney |
| • Cape Verde | • Okhotsk |
| • London, Madrid | • Wellington |
| • Paris, Berlin | • Samoa, Midway |
| • Athens, Helsinki | • Honolulu, Hawaii |
| • Moscow | • Alaska |

5. Press  to return to Calendar, or  to return to Standby mode.



Messaging

Your phone receives three kinds of messages: voicemail, text, and numeric pages.

Incoming Messages

Your phone receives incoming messages in both Standby and Talk modes. When you are on a call and receive a message, your phone automatically mutes the ringer and provides the call waiting tone (this is to avoid ringing in your ear while you are trying to talk).

Receiving a Message in Standby Mode

When your phone receives a message in Standby mode, the ringer sounds (unless turned off), and the screen displays ("New Voicemail" or "New Text"). The message indicator  displays and remains on the screen until you listen to the new voicemail message, or read the new text message or numeric page.

Receiving a Message While on a call

If you receive a new text message or numeric page while on a voice call, the Call Waiting tone sounds and a message header displays. You can easily review the new message while on the call by just pressing . Your call will not be disconnected, and you can ask the other party to wait while you review the message.

Reviewing Numeric Pages, and Text Messages

When a message arrives, you can immediately review it by pressing , or store the message for later review by pressing . The Messages menu provides options for reviewing the sender's name, phone number, time / date stamp and the message.

To review a stored (or old) numeric page, or text message:

1. Slide  to the right to display the Messages menu. The number of new (unread) messages displays next to the associated message type in the menu.
2. Scroll to Page/Text, then press . A list of messages displays. An exclamation point next to an entry indicates an urgent message. A check mark next to an entry indicates that you have read the message.
3. Use  to scroll the list of messages.
4. When the message displays, press  to review the message. While reviewing the message, the  key operates like this:
 - ◆ Slide  up to scroll up or down to the next message.

Note: While reviewing a message, you can press  for more options. See "Message Options" on page xx.

5. Press  to return to the previous screen, or  to return to Standby mode.

Message Options

The Messages menu provides a number of options while you are reviewing text messages. You can return a call to the phone number in the message, save or erase the message, scroll to the next or previous message, or extract a phone number that is included in the message.

1. While reviewing a message, press  for options:
 - ◆ Select Talk to call the phone number.
 - ◆ Select Save# to save the number (if there is no Phone Book match).
 - ◆ Select Erase to erase the message.
 - ◆ Select Next Msg to review the next message.
 - ◆ Select Prev Msg to review the previous message.
 - ◆ Select Extra #'s to extract a phone number that was included by the sender of the message. If more than one number was included by the sender then a list of the numbers is presented to you, and you can extract the one you want.
2. Press  to return to the previous screen, or  to return to Standby mode.

Note: If the message you are reviewing contains a phone number that is already stored in the Phone Book, the Save option does not display, and the available menu options will be: (1) Talk, (2) Erase, (3) Next Msg, (4) Previous Msg.

Message Ringing

Your phone allows you to set a unique ring type for each type of incoming message. See page xx.

Message Time

This paragraph is To Be Supplied.

Erasing Individual Message

You can erase an individual text message, or numeric page after reviewing it.

To erase a text message, or numeric page:

1. Slide  to the right to display the Messages menu in Standby mode.
2. Scroll to Page/Text, then press  to access it.
3. Use the navigation key  to scroll the message you want to erase.
4. When the message is highlighted, press  to confirm it. The message header and body will display.
5. Press  for more options.
6. Select Erase to erase the message or press  to return to the Message menu.

Erasing all Page/Text

You can erase all text/numeric page messages.

To erase all Page/Text messages:

1. Slide  to the right in Standby mode to display the Messages menu.
2. Slide  down to scroll to Erase Page/Text, then press  to access it.
3. Scroll to Page/Text, then press  to access it.
4. A confirmation displays. Press  to erase all messages or press  to return to the previous screen.

Message Memory Capacity

Your phone can store up to 99 messages. This storage capacity includes all message types; numeric page, and text. The number of messages that can be stored also depends on the length of the messages. When message memory reaches 75% capacity, the screen displays "Memory is 75% full. Erase old messages." At 100% capacity, the screen displays a text notification and rejects additional incoming messages until you erase the stored messages.

Messages and Lock Mode

Incoming messages are received even when your phone is in Lock mode. However, the screen will display the time and date of the message but you cannot access the message. To access the message, unlock the phone to proceed.

Your Phone's Security Features

Your phone provides security options, including a user-programmable lock code and special phone number features.

The following Security options:

1. Lock phone
2. Change lock
3. Special numbers
4. ErasePhonebook
5. Reset Phone

Lock Mode

Locking the phone limits all outgoing calls except calls to the three hard-coded emergency numbers (911, *911 and #911), the three user-programmable special numbers.

You can lock the phone manually during use, or set the phone to lock automatically when it is turned on. When the phone is in Lock mode, you can answer incoming calls, but you must unlock the phone to place outgoing calls (except to emergency and special numbers).

Your Phone's Security Features

Lock Code Setting

The default lock code for your phone is generally 0000 or the last four digits of your phone number. You can enter a personal lock code and later change the lock code as often as you like.

To enter a new lock code:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Setup, then press  to access it.
3. Slide  down to scroll to Security, then press  to access it.
4. The phone prompts you to enter lock code. To enter your current lock code:

Slide  to the right or left to change the number.

When the first digit displays correctly, press  to  confirm it.

The next digit blinks. Repeat as above until you complete entering the lock code.
5. When the lock code is correct, Security options are displayed.
6. Scroll to Change Lock then press  to access it. The current lock code displays.
7. Enter a new, four-digit lock code as described at step 4.

Your Phone's Security Features

8. Press  to save the new lock code or press  to return to Standby mode.

Note: Your phone does not allow viewing of the lock code unless you know the lock code (this is for obvious security reasons). So, if you change the lock code, be sure to write down the new code and keep it for your reference.

Locking the Phone

The Security menu allows you to lock the phone manually or automatically when powering on your phone or to leave the phone unlocked.

To lock the phone:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Setup, then press  to access it.
3. Slide  down to scroll to Security, then press  to access it.
4. Slide  down to scroll to Lock Phone, then press  to access it.
5. Using the navigation key , select an option:
 - ◆ Unlocked: The phone remains unlocked.
 - ◆ Lock Now: The phone locks immediately and stays locked until the lock code is entered.
 - ◆ On Power-Up: The phone locks automatically the next time your phone is powered on and stays locked until the lock code is entered.

Your Phone's Security Features

6. Press  to save the setting.

Unlocking the Phone

This is very easy. When the phone is locked, it displays "MENU: Unlock:".

1. Just press  and the phone prompts for the lock code.
2. To enter the lock code:
Slide  to the right or left to change the number. When the first digit displays correctly, press  to confirm it.

The next digit blinks. Repeat until you complete entering the lock code.

3. When the lock code is entered correctly, the phone is immediately unlocked.

Special Numbers

Your phone provides the option of storing three special numbers. Each special number can be up to ten digits long.

All three special numbers can be manually dialed at any time even when your phone is locked. This can be a useful feature for controlling what numbers can be dialed from your phone.

Dialing Special Numbers in Lock Mode

To dial special numbers in Lock mode:

1. Press  and the special number from the on-screen number pad.
2. Press  to place the call.

Storing Special Numbers

To store special numbers:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Setup, then press  to access it.
3. Slide  down to scroll to Security, then press  to access it.
4. Slide  down to scroll to Special #, then press  to access it.
5. Select a location for the special number, then press .
6. Enter the special number by pressing the on-screen digit keys. Special numbers can be up to ten digits long.
7. Press  to save the number in the selected location.

Resetting Your Phone

Resetting the phone returns all setup options to the factory default settings and erases your Call Logs. All of your important personal settings (Phone Book, Messages, and Calendar) are not affected by resetting your phone.

To reset the phone:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Setup, then press  to access it.
3. Slide  down to scroll to Security, then press  to access it.
4. Slide  down to scroll to Reset Phone, then press  to access it. A confirmation displays explaining that you will reset the phone to factory defaults.
5. Press  to reset the phone or press  to cancel the operation.
6. The phone reboots (turns itself off and back on), restores the default settings, erases your messages and then returns to Standby mode.

Your Phone's Security Features

Erasing Your Phone Book

You can erase all the numbers stored in your Phone Book. This is useful if you want to give your phone to a friend or family member, or if you want to lose all of your friends phone numbers ! Here's how to do it:

1. Press  to display the Main Menu.
2. Slide  down to scroll to Setup, then press  to access it.
3. Slide  down to scroll to Security, then press  and enter your current lock code.
4. Slide  down to scroll to Erase Phone Book, then press . A confirmation message displays explaining that you will erase the entire Phone Book.
5. Press  to erase the Phone Book or press  to cancel the operation.
6. "Erasing Phone Book" displays first and when the operation is complete "Phone Book Erased" displays. The phone then returns to Standby mode.



Solving Problems

Before contacting the after-sales service, perform the following simple checks. They may save you the time and expense of an unnecessary service call.

When you switch your phone on, the following messages appear

Phone Locked

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

"No service" is displayed

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

You have entered a number but it was not dialled

- Have you pressed  ?
- Are you accessing the right cellular network?

Solving Problems

Your correspondent cannot reach you

- Is your phone switched on ( pressed for more than one second)?
- Are you accessing the right cellular network?

Your correspondent cannot hear you speaking

- Have you switched off the microphone (Mute appears)?
- Are you holding the phone close enough to your mouth? The microphone is located in the top of the phone.

The phone starts beeping and “Warning** Battery Low” flashes in the display**

- The battery is insufficiently charged. Replace the battery and recharge it.

The audio quality of the call is poor

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

Solving Problems

No number is dialled when you recall a phonebook entry

- Check that the numbers have been stored correctly, by using the Phonebook Search feature.
- Re-store them, if necessary.

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

- The model and serial numbers of your phone
- Your warranty details
- A clear description of the problem

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



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Declaration of Conformity (R&TTE)

For the following product :

??????

(Product name)

SPH-S100

(Model Number)

Manufactured at :

Samsung Electronics 94-1 Imsu-Dong, Gumi City, Kynug Buk,
Korea, 730-350

We hereby declare that [all essential radio test suites have been carried out and that] the above named product is in conformity to all the essential requirements of Directive 1999/5/EC.

The conformity assessment procedure referred to in Article 10 and detailed in Annex[iv] of Directive 1999/5/EC has been followed with the involvement of the following Notified Body(ies):

BABT, Claremont House, 34 Molesey Road, Walton-on-Thames,
KT12 4RQ, UK Identification mark: 168

The technical documentation kept at :

Samsung Electronics Euro QA Lab.

which will be made available upon request. (Manufacturer)

Samsung Electronics Co., Ltd.
Suwon P.O.Box 105
Kyungki-Do, Korea 440-600
2000-07-14

(place and date of issue)

JUNGKWAN CHOI / S. Manager

(name and signature of authorized person)

(Representative in the EU)

Samsung Electronics Euro QA Lab
Blackbushe Business Park, Saxony Way,
Yateley, Hampshire, GU46 6GG, UK
2000-07-17

(place and date of issue)

IN-SEOP LEE / Manager

(name and signature of authorized person)