

Intellectual Property

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

Samsung Telecommunications America, Inc.

Headquarters

1130 E. Arapaho Road
Richardson, Texas 75081
Phone: (972) 761-7000
FAX: (972) 761-7001

Samsung Telecommunications America, Inc.

Customer Care Center

1601 E. Plano Parkway, Suite 150
Plano, Texas 75074
Phone: (972) 761-7500
Phone: (888) 987-4357
FAX: (972) 761-7501

©1997 Samsung Telecommunications America, Inc. All rights reserved. No reproduction in whole or in part allowed without prior written approval.

Samsung
SCH-1910
CDMA PCS Digital Phone

Owners Manual

Operating Instructions: Before operating phone, please read this manual thoroughly. Keep it for future reference.



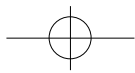
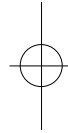
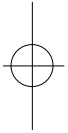


Table of Contents

Chapter 1: Getting Started 1

Unpacking Your Consumer Package	2
Phone—Basic Description	3
Battery Installation	7
Installing the Standard Battery	7
Battery Charge Indicator	8
Charging Your Battery	9
Rapid Desktop Charger with Conditioner	9
Using the Conditioner Cycle	10
Using the Phone—Basic Functions	11
Menu Structure	11
Placing a Call	13
Receiving a Call	13
Ending a Call	13
Correcting a Misdialed Number	13
Redialing a Number	13
Call Waiting	14
Disabling Call Waiting	14
Call Forwarding	15
Three-Way Calling	15

Chapter 2: Using Your Phone 17

The Internal Phone Book	18
Storing a Phone Number	18
Storing Numbers Shortcuts	19
Confidential Numbers	19
Entering Names	20
Correcting Mistakes	20
Recalling Stored Numbers	20
Erasing Phone Numbers	21



Table of Contents

Dialing from the Internal Phone Book	22
Prepending Stored Phone Numbers	23
Caller ID	24
Memory Locations	25
One-Touch Dialing	25
Two-Touch Dialing	25
Customizing Your Phone's Features	26
Setting Ringer Type	26
Setting Ringer Volume	26
Setting Key Tone Volume	27
Setting Message Ring Frequency	27
Setting Up Your Greeting	27
Obtaining Numeric Characters	28
Setting Up Audible Alerts	28
Set Up	28
Backlighting	29
Displaying Your Phone Number	29
Chapter 3: Advanced Features	31
Call Logs & Tracking Calls	32
Checking Airtime	33
Last Call Airtime	33
Total Airtime	33
Erase Total Airtime	33
Entering & Storing a Hard Pause	34
Using the Hard Pause	35
Phone Security	35
Lock Code	36
Locking the Phone	36
Restricting Your Phone Book	36
Restricting Incoming/Outgoing Calls	37
Changing the Lock Code	38

Table of Contents

Storing Emergency Phone Numbers	38
Entering Emergency Numbers	38
Dialing When the Phone is Locked	39
Voice Mail	40
Chapter 4: Special PCS Functions	41
Defining In Use Menu	42
KeyGuard	42
Ring Tone Mute	43
Any Key Answer Features	43
True Alpha Search and Sort	43
Shortcut Keys/Menu Navigation	44
Optional PCS Phone Accessories	45
Phone Specifications	48
Appendix	49
Battery Care and Maintenance	50
Caring for Your Batteries	50
Disposal of Your Batteries	51
Recycling Nickel Metal Hydride Batteries	51
Troubleshooting	52
Common Questions	53
Important Safety Instructions	56
Glossary of Terms	59
Index	63

List of Tables

Table 1: Key Functions	4
Table 2: Icon Functions	6
Table 3: Battery Specifications	8
Table 4: In Use Menu	11
Table 5: Menu Structure	12
Table 6: Dialing Shortcuts	25
Table 7: Specifications	48
Table 8: Storage Temperatures	50

Introduction

Using Your PCS Phone

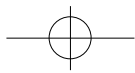
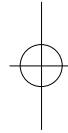
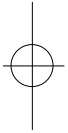
The Samsung PCS phone is based on the latest CDMA digital technology. It is used the same way as other wireless portable phones. You will notice the sound and tone quality is clearer.

The Samsung CDMA PCS Phone

Congratulations on the purchase of your new Samsung CDMA PCS Phone which uses the latest CDMA technology.

The PCS phone is easy to use. Among its features and functions are:

- Large Five-Line LCD
- Three-Line, 12-Character, Alphanumeric Display
- Two Icon Lines
- 99 Alphanumeric Memory Locations
- Caller ID
- Last Nine Numbers Redial
- Short Message Service (SMS)
- Call Restriction
- Power Save Mode



1

Getting Started

Unpacking Your Consumer Package

Phone-Basic Description

Battery Installation

Charging Your Battery

Using the Phone-Basic Functions

1

Getting Started

Unpacking Your Consumer Package

Upon unpacking your Samsung PCS phone, you should find the following components:

- PCS Phone
- Standard NiMH Battery
- Rapid Desktop Charger
- Owner's Manual



Getting Started

Phone – Basic Description

The Samsung PCS phone has a number of function keys and controls that activate all features available on the phone. The indicators and controls are described in this section.

1



(not actual size)

- | | | |
|------------------|----------------|-------------|
| 1.Red Light | 6.Clear key | 11.End key |
| 2.Volume Control | 7.Microphone | 12.LCD |
| 3.Send key | 8.Store key | 13. Antenna |
| 4.Scrolling keys | 9.Menu key | |
| 5.Power key | 10.Message key | |

3

Getting Started

Table 1: Key Functions

Press this Key to:	Produce this response
	Press this key to place a call and to access a second incoming call or to initiate three-way calling.
	This key does the following: - Erases one character at a time from the display - Erases all characters as you press and hold the key down for two seconds - Press key once to go back one level (the previous menu level) when you are accessing a menu feature - Press and hold key to revert back to standby mode
	Press this key to end a call. Press it to exit out of the current menu and return to the standby mode. Also used to mute ringer on an incoming call.
	Press this key to display the phone's main menu options. Used to scroll through the menu.
	Provides quick access to voicemail and text messages.
	Press this key to store numbers and names in the phone's Internal Phone Book and to save menu settings.
Scroll Keys 	Scrolls up and down through the menu options.
Volume Control 	Allows you to adjust the sound levels.
	Turns the phone on and off

Getting Started

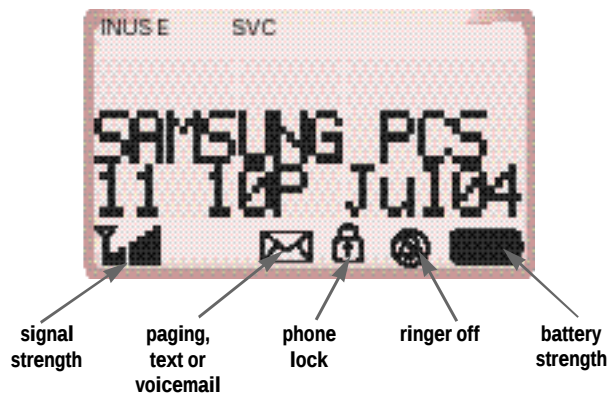


Figure 1: LCD Display (example only)

The display icons described match the displayed icons on the LCD display when you first power up the phone.

Getting Started

Table 2: Icon Functions

Image	Icon Name	Description/Function
	Signal	Measures your current real-time signal strength. The more bars there are, the stronger the signal.
SVC	Service	Indicates that you are inside a service area and can make a call with your phone.
NOSVC	No Service	Indicates that you are outside a service area and cannot make a call with your phone.
IN USE	In Use	Indicates that a call is in progress.
ROAM	Roaming	Indicates the phone is outside of its home service area.
	Battery	Indicates 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 sounds.
	Message	Flashes when you have a page, text message or voicemail message.
	Lock	Displayed when the phone is locked. You must enter your four-digit lock code to unlock the phone.
	Ringer	Ringer off
	Banner	A personalized 12 character greeting available on the display that announces the label at power up and in standby mode.

Getting Started

Battery Installation

Your new PCS Phone comes with a rechargeable battery that is partially charged so you can use it immediately after you activate with your PCS carrier. The phone and the battery are not initially attached. To use the phone battery the first time, install the battery according to the instructions below. Use the phone until the battery icon in the display window flashes or until the phone turns itself off.

Installing the Standard Battery

1. Hold the battery, with the label facing down, making sure the metal contacts at the base of the battery line up with the metal contacts on the base of the phone.
2. Place the battery on the back of the phone with the top of the battery about a quarter of an inch from the latch.
3. Gently slide the battery toward the top of the phone until it snaps into place.

17

Getting Started

Battery Charge Indicator

The display  icon (in the lower right corner of the phone's display window) tells you the status of the battery's charge. As the battery charge level goes down, sections of the battery icon disappear. When the battery charge level is extremely low, the battery icon will blink and a tone will sound.

When the battery is completely discharged, a tone will sound and the phone will turn off automatically. Watch the indicator to be sure the battery charge is at an acceptable level.

If your battery seems to be losing its charge rapidly, it may need to be conditioned. This is done by using the Conditioner feature of the Samsung Rapid Desktop Charger. (See "Using the Conditioner Cycle" on page 10.)

**PostScript Picture
(Microsoft Word - tables.v)**

Getting Started

Charging Your Battery



Rapid Desktop Charger with Conditioner

1. Insert the battery (with the phone attached) into the front compartment.
2. Insert a second (or spare) battery into the back compartment, if you wish to charge the two batteries sequentially. The battery in the front compartment will charge first.

The Front Compartment is used for charging a battery with the phone attached.

The Back Compartment is used for charging an unattached battery and/or conditioning the battery.

A Red Light on the charger means the battery is being charged. A green light means the battery is at least 90% charged.

If the standard battery is completely discharged, it will fully recharge in approximately two hours. (The extended battery takes up to three hours to fully recharge.)

If you leave the power on your phone turned ON while it is in the charger, it will take longer to recharge the battery. It will not harm the battery to remain in the charger once it is fully charged.

Getting Started

Using the Conditioner Cycle

1. Insert the battery into the back compartment of the Rapid Desktop Charger.
2. Within the first five seconds after inserting the battery, press the Conditioner button on the side of the charger for one full second to begin the conditioning cycle.
3. The LED will change from a solid red to a blinking amber light. This indicates that the battery is discharging.
4. After the battery is completely discharged, the LED will change to a solid red, indicating that the discharge cycle is complete and the battery is being charged.
5. The charger will rapidly charge the battery until it is 90% charged. The LED will turn green. The charger will then begin to trickle charge the battery until it is completely charged.
6. After the discharge-charge cycle is complete, the battery has been conditioned.

Note: Use only the Samsung-approved Rapid Desktop Charger and AC Adapter with the Samsung PCS phone. Using the wrong charger could damage the battery.

Getting Started

Using the Phone — Basic Features

1. To turn the phone on, press  for one full second. The red light flashes, a tone sounds, and the display icons briefly flash the personal greeting, "SAMSUNG PCS", and the phone's number displays momentarily on the LCD. "FINDING SERVICE" appears while the phone locates service.
2. Once service is located, the Banner shows, for example this service provider:
Samsung PCS
11:30P Jul04 (Refer to page 5 for an example of the LCD.)
3. You can only place and receive calls if the phone's power is on. When the power is on and you are not talking, the phone is in "Standby Mode."
4. To turn the phone off, press  for one full second. A tone will sound and the display clears.

1

Menu Structures

The organization of the menu items is determined by the frequency of use. For each menu level, there will be at most 10 sub-levels. The labels for each menu do not exceed 10 characters. Each menu item is prefixed by a number from 1 to 7, including 0 for the Keyguard function. *Table 5: Menu Structure* represents the organization of menus used in the handset. The menu options that contain other menu sub-levels are shown in bold type.

Table 4: In Use Menu

In Use Menu	1: Mute	
	2: Silent Key	
	3. Phone Book	1: Recall by
		2: Store
		3: Erase
	4: My Phone #	
	5: Version	
	6: Send Tel#	

Getting Started

Table 5: Menu Structure

Main Menu	Menu Level 1	Menu Level 2
1: Call Logs	1: Outgoing 2: Incoming 3: Erase Logs 4: Air Time	1: Last Call 2: Total 3: EraseTotal
2: Phone Book	1: Recall by 2: Store 3: Erase by	1: Name 2: Digits 3: Mem # 1: Name 2: Mem#
3: Sounds	1: Ring Vol 2: Key Vol 3: Ring Type 4: MSG Ring	
4: Display	1: Backlight 2: My Phone# 3: Greeting 4: Version	
5: Security	1: Lock 2: Restrict 3: Lock Code 4: Emergency 5: ResetPhone	1: Phone Book 2: incoming 3: Outgoing 1: <Number1> 2: <Number2> 3: <Number3>
6: Alert	1: MinuteBeep 2: Service	
7: Setup	1: AutoRetry 2: AnyKeyAns 3: ToneLength	

Getting Started

Placing A Call

1. Be sure the phone is turned on. If display icons appear on the screen, the power is on. There is no dial tone.
2. Enter a phone number (up to 32 digits).
3. Press **SEND**. You hear tones as the phone dials the number. The display shows the connection, for example (972) 555-1111.
4. At the end of the call, press **END** to disconnect.

1

Receiving a Call

1. When your phone rings, press **SEND** to answer.
2. To disconnect at the end of the call, press **END**. Do not turn the power off if you are expecting further calls.

Ending a Call

1. Press **END** to terminate a call.
2. Press **END** again to return to the phone's GREETING.

Correcting a Misdialed Number

1. If you make a mistake while entering a phone number, press **CLR** to erase the number, one digit at a time.
2. Delete the entire number at once by pressing and holding down **CLR** until the number disappears or simply press **END**.
3. Re-enter the phone number.

Redialing a Number

1. Press **SEND** while in Standby Mode.
2. The last nine outgoing numbers will be displayed.
3. Scroll through the last nine numbers using the scroll keys.
4. Press **SEND** to call the displayed number with an arrow by it. To redial the last outgoing call, press **SEND**, then press **SEND** again.

Getting Started

Call Waiting

While connected in a call and a second call is received, use Call Waiting. A tone sounds when the second call is received.

To use Call Waiting, do the following:

1. To put the first caller on hold, press **SEND** to speak to the second caller.
2. To switch back to the first caller, press **SEND** again.

Disabling Call Waiting

Call Waiting can be temporarily disabled for the duration of a specific call. To temporarily disable Call Waiting during a specific call, do the following:

1. Press in this sequence: **↑***, **7 PRR**, **0 UPR** before dialing the number.
2. When the call is ended, Call Waiting will be automatically reactivated.
3. To permanently deactivate Call Waiting, call your service provider by pressing in sequence: **↑***, **2 ALC**, **SEND**.

Getting Started

Call Forwarding

Incoming calls can be forwarded to another number, even if the PCS Phone is turned off. When Call Forwarding is activated, outgoing calls can still be made.

To Activate Call Forwarding

1. Press in sequence: , , .
2. Enter the 10-digit phone number (area code plus phone number) of the forward-to phone number.
3. Press . A tone confirms that Call Forwarding is activated.

Deactivating Call Forwarding

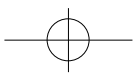
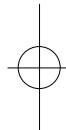
Press in sequence: , , , , . A tone confirms that Call Forwarding has been deactivated.

Three-Way Dialing

Three-Way Calling connects people at three different phone numbers to talk to each other at the same time. This feature is useful for call conferencing.

To Set Up a Three-Way Call:

1. While connected in a call, press  to put the first call on hold.
2. Dial the second number and press .
3. Wait until the second call is connected.
4. Press  and the three-way call is complete.



2

Using Your Phone

The Internal Phone Book

Caller ID

Memory Locations

Customizing Your Phone's Features

17

Using Your Phone

The Internal Phone Book

Inside the Samsung PCS phone is the Internal Phone Book which can store up to 99 names and phone numbers and tracks incoming and outgoing calls. Numerous features have been designed to help keep track of phone numbers and to make dialing numbers and returning calls easy.

Storing a Phone Number

To store a phone number in a Memory Location.

1. Press **MENU**.
2. Select **2** **Alt**: PHONE BOOK
3. Press **2** **Alt**: Store.
4. Enter the number to be stored.
5. Press **OK** again to store the number.

The display shows the entry and the next available Memory Location where the phone will store the number unless you override it. (Refer to the next step for how to override numbers.)

6. Press **OK** to save it at the displayed Memory Location, or:

If you want to use a memory location other than the one displayed (override the phone's selection), enter the desired Memory Location followed by **OK**.

7. If you enter the number of a memory location in which a number is already stored, the display prompts you with REPLACE?
8. Press **OK** to replace the old number with the new or press **CLR** to go back a step.
9. Enter the name of the person associated with the phone number. (For help on entering a name, see "Entering Names" on page 20.)

Using Your Phone

10. Press . The phone displays a confirmation message containing the name and number.

Each memory location holds a phone number of up to 32 digits and an associated name of up to 12 characters.

Storing Numbers Shortcuts

While in Stand-by Mode, you can enter a number you wish to store.

Press .

Continue following the instructions from step 6 shown on page 18.

Confidential Numbers

Memory Locations 90-99 are designated to store confidential numbers. This means that when you enter the two digits for Two-Touch Dialing only the name (stored) is displayed. The number you are dialing does not appear on the phone display.

Names stored in the Internal Phone Book will display along with the number in the phone's Caller ID program.

Note: We recommend including the area codes as you store numbers so you can dial from your Internal Phone Book while traveling outside your Home Service Area.

Using Your Phone

Entering Names

To enter a name, press the number key on which the letter is listed. Press the key once, twice, or three times to enter the desired letter. To enter consecutive letters that appear on the same key, press the  key to separate them.

For example, to enter the name, "Gill."

1. Press  once to enter "G".
2. Press  as a separator.
3. Press  again for the letter "I".
4. Press  once to enter "L".
5. Press  as a separator.
6. Press  again for the second "L".

Correcting Mistakes

Press   to move the cursor to the incorrect character.

Press  to delete the character or simply enter the correct character to replace the wrong one.

Recalling Stored Numbers

There are several methods to check names or numbers stored in the phone's Internal Phone Book. You can use a name, phone number or Memory Location.

1. Press .
2. Press  to select PHONE BOOK.
3. Press  to select RECALL BY.
4. Press  to select NAME.
5. Press  to select DIGITS.
6. Press  to select MEM #.

Using Your Phone

7. Enter the information as prompted by the display.
8. If you selected **1**, enter the name (or first letter or letters) of the person whose number you need.
9. If you selected **2**, enter as many digits of the phone number as you can remember (at least two digits).
10. If you selected **3**, enter the Memory Location in which the number is stored.
11. Press **OK**.

Erasing Phone Numbers

You can erase a stored phone number using any of these options:

1. Press **MENU**.
2. Press **2** to select PHONE BOOK.
3. Press **3** to select ERASE.
4. Press **1** to select NAME.
5. Press **2** to select MEM #.

If you selected **1** (BY NAME), enter the name (or any part of the name) of the person whose number you wish to erase. If the name /number displayed is not the one you want, press **↑*** **#↓** to scroll through the list until the correct name/number is displayed.

If you selected **2** (BY MEM#), enter the memory location in which the number is stored or press **↑*** **#↓** to scroll through the entire phone book.

6. Press **OK** to erase the number. The phone displays ERASED to confirm that the number was erased.

Using Your Phone

Dialing from the Internal Phone Book

Numbers stored in the Internal Phone Book can be used for quick dialing.

To dial a number stored in the Internal Phone Book:

1. Press **MENU**.
2. Press **2 ABC** to select PHONE BOOK.
3. Press **1** to select RECALL BY.
 - Press **1** to select NAME.
 - Press **2 ABC** to select DIGITS.
 - Press **3 DEF** to select MEM #.
 - If you selected **1**, enter the name (or first letter or letters) of the person whose number you need.
 - If you selected **2 ABC**, enter as many digits of the phone number as you can remember (at least two).
 - If you selected **3 DEF**, enter the Memory Location in which the number is stored.
4. Press **SEND**.

Dialing by Name

1. Press **OK**.
2. Enter as many consecutive letters of the name as you can remember (even if you remember only the first letter).
3. Press **OK**. If the number displayed is not the one you want, press **↑** **↓** **#** to scroll through the list until the appropriate name is displayed.
4. Press **SEND** to dial the displayed number.

Using Your Phone

Prepending Stored Phone Numbers

When traveling outside your home service area, you may need to add an area code to a number stored in a Memory Location without one. Digits can be temporarily added to the beginning of a stored phone number.

1. Find the number you wish to call using the above methods.
2. Enter the area code for the number. The new numbers are inserted automatically at the beginning of the phone number.
3. Press **SEND** to dial the modified number.

To permanently enter an area code in a previously stored phone number, you must remove the number from the Memory Location and re-enter it with the area code. (Refer to "Erasing Phone Numbers" on page 21.)

Using Your Phone

Caller ID

Caller ID displays the caller's number on an incoming call. If the caller's name and number are stored in the phone's Internal Phone Book, the caller's name is also displayed. (For more information on the phone's Internal Phone Book, refer to "Internal Phone Book" on page 18.) Caller ID is a feature programmed into the phone and no activation is required.

If you place a call to a phone that has the Caller ID feature, your phone number will be displayed on that phone. You can block your number from being displayed either temporarily or permanently.

To temporarily block the number from being displayed on a specific call, perform these instructions:

1. Press in sequence **[↑*]**, **[6 ABC]**, **[7 RECALL]**.
2. Enter the outgoing phone number.
3. Press **[SEND]**.

(When the call is ended, Caller ID block will be automatically deactivated.)

To permanently block your number from displaying on all outgoing calls, call your service provider by pressing in sequence **[↑*]**, **[2 ABC]**, **[SEND]**.

If Caller ID is permanently blocked on all outgoing calls, it can be temporarily unblocked for a specific call. To temporarily release the block for a specific call:

1. Press in sequence **[↑*]**, **[8 TUE]**, **[2 ABC]**.
2. Dial the phone number and press **[SEND]**.

(When the call is ended, the permanent block will be automatically reactivated.)

Using Your Phone

Memory Locations

Recalling A Number Using Memory

1. Press . Enter the Memory Location, or:
2. Press again to begin scrolling through all Memory Locations. Use to scroll through the locations.
3. To call the selected phone number, press .

2

Table 6: Dialing Shortcuts

Activity	Shortcuts
One-Touch Dialing (1-9)	Press and hold Memory Location and hold Screen displays: "Calling....." John (972) 396-5718
Two-Touch Dialing	Press first key of Memory Location. Press and hold second key. Screen displays: "Calling....." Bob (972) 396-5711
Memory Location + key	1. Press + 2. Press + 3. Press +

One-Touch Dialing

One-Touch Dialing allows you to program a single key with one of your most commonly used phone numbers so you can press just one number (1-9). This is a system-installed option.

Two-Touch Dialing

Two-Touch Dialing allows you to program two keys so you can press two keys and connect to one of your commonly used phone numbers. This is a system-installed option.

Using Your Phone

Customizing Your Phone's Features

Setting Ringer Type

The ringer is the sound the phone makes on an incoming call. The SCH-1910 has nine distinctive ring types and two melodies.

To select ring type:

1. Press **MENU**.
2. Press **3** to select SOUNDS.
3. Press **3** to select RING TYPE.
4. Press the **↑**, *****, **#**, **↓** to navigate through the options.
5. You will hear each type as you scroll through the selections.
6. When you hear the type you want to select, press **OK** to save your selection.

There are nine different settings. The default setting is "RING 1."

Setting Ringer Volume

The ringer is the sound the phone makes on incoming calls.

To adjust and set the volume of phone's ringer and key beep, do the following:

1. Press **MENU**.
2. Press **3** to select SOUNDS.
3. Press **1** to select RING VOLUME to select the ring volume level.
4. Press **↑**, *****, **#**, **↓**, or the volume control on the side of the phone to select the ring volume level.
5. Press **OK** to save the desired ringer volume.

Settings for RING VOLUME are:

LOW MED (default) HIGH OFF

Using Your Phone

Setting Key Tone Volume

The key tone is the sound made when a key is pressed.

1. Press **MENU**.
2. Press **3** to select SOUNDS.
3. Press **2** to select Key Volume.
4. Press **↑** ***** **#** **↓** or the volume control on the side of the phone to select the desired key volume level.
5. Press **OK** to save your selection.

Settings for KEY TONE VOLUME are:

OFF LOW MED (default) HIGH

Setting Message Ring Frequency

The Message Ring Frequency is the number of times the phone rings when a voice message or text message is received.

To set message ring frequency:

1. Press **MENU**.
2. Press **3** to select SOUNDS.
3. Press **4** to select MSG RING.
4. Press **↑** ***** **#** **↓** to navigate through the options.
5. Press **OK** to save your selection.

Settings for RING FREQUENCY are:

OFF ONCE EVERY 2 MIN. (default)

Setting Up Your Greeting

A greeting is displayed when the phone is turned on. This greeting can be changed at any time. The greeting can be up to 12 characters long and can be any text you want.

To change the greeting, follow these steps:

1. Press **MENU**.
2. Press **4** to select DISPLAY.
3. Press **3** to select GREETING.

Using Your Phone

4. Enter your greeting by pressing the number key on which the letter you want to enter is listed.
5. Press the key once, twice, or three times, depending on whether the letter you want to enter is listed on the key first, second or third. (For example, press **2^{ABC}** once for "A", press **2^{ABC}** twice for "B" and press **2^{ABC}** three times for "C".)
6. To enter letters consecutively that are listed on the same number key, press **#↓** to separate them.
7. Press **OK** to save your new greeting. The GREETING holds up to 12 alphanumeric characters.

Obtaining Numeric Characters

In order to get numeric characters to enter a personal greeting, press a number on the keypad four times. Here is an example:

1. Press **2^{ABC}** once for "A".
Press twice for "B".
Press three times for "C".
Press four times for number "2".

Setting Up Audible Alerts

1. Press **MENU**.
2. Press **6^{MOO}**, to select ALERT.
3. Select MINUTE BEEP, either ON or OFF. Use the **↑*** or **#↓** to make the selection.
4. Select SERVICE ALERT, either ON or OFF. Use the **↑*** or **#↓** to make the selection.
5. Press **OK** to save your selection.

Set Up

1. Press **MENU**.
2. Press **7^{PSA}**, to select SET UP.

Using Your Phone

3. Select AUTO RETRY, either ON or OFF. Use the  to make the selection.
4. Select ANY KEY Answer, either ON or OFF. Use the  to make the selection. Refer to "Special PCS Functions" on page II for details on using the feature.
5. Select TONE LENGTH, either SHORT or LONG. Use the  to make the selection.
6. Press  to save your selection.

Backlighting

When the phone is turned on, backlighting (the background light in the LCD display) can be viewed for eight seconds.

To turn the Backlighting off:

1. Press .
2. Press  to select DISPLAY.
3. Press  to select BACKLIGHT.
4. Press either  or  to scroll through the options.
5. Press  to save your selection.

The two options are:

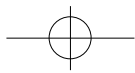
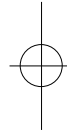
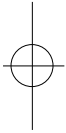
OFF 8 SECONDS (default)

Displaying Your Phone Number

To see the phone number of the phone, turn the phone on and the number will be displayed briefly. It can be redisplayed at any time.

To display the phone number again:

1. Press .
2. Press  to select DISPLAY.
3. Press  to select MY PHONE #. You can display your own phone number using this option.



3

Advanced Features

Call Logs & Tracking Calls

Checking Airtime

Entering & Storing a Hard Pause

Using the Hard Pause

Phone Security

31

Advanced Features

Call Logs & Tracking Calls

The PCS phone keeps a log of the last nine incoming and last nine outgoing calls and the cumulative airtime. Times are displayed in hours, minutes and seconds (02h35m46s).

To see the Incoming or Outgoing call logs:

1. Press **MENU**.
2. Press **1** to select CALL LOGS.
3. Press **1** to view Outgoing call numbers.
4. Press **2** to view Incoming call numbers.
(The calls are displayed one at a time.)
5. Press **↑** ***** **#** **↓** to scroll through the list.
6. Press **SEND** to dial the displayed number. Or, **CLR** to exit and return to the Menu.

To clear your CALL LOGS do the following:

1. Press **3** to ERASE LOGS.
2. Press **OK** to erase or **CLR** to cancel.

Note: When you erase Call Logs, you erase both Incoming and Outgoing call numbers.

Advanced Features

Checking Airtime

The airtime displayed will be different from the airtime shown on your actual phone bill.

Last Call Airtime

1. Press **MEMU**.
2. Press **1** to select CALL LOGS.
3. Press **4 OK** to select AIRTIME.
4. Press **1** to display LAST CALL.
(LAST CALL displays the number, date, time and duration of the last call made.)

3

Total Airtime

1. Press **2 Alt** to display TOTAL.
2. Press **3 Er** to select ERASE TOTAL.
(TOTAL displays the total number of calls made and received, along with the total amount of airtime used.)
(ERASE TOTAL resets airtime log to zero.)

Erase Total Airtime

To ERASE TOTAL:

1. Press **OK** to ERASE TOTAL.
2. Press **CLR** to exit to the Menu without erasing total airtime.

Advanced Features

Entering & Storing a Hard Pause

You can enter a hard pause by pressing . The hard pause is displayed as a “p” on the phone display. A hard pause is a temporary time-out interruption until you press  to “send” the dialed number. A hard pause is useful when you want to store a number to use an interactive response system or to use a calling card number.

To use the hard pause, do the following:

1. Enter the number you want to store. For example, a calling card number is used.
2. Press  to access the pause key.
3. Enter continuation of the dialing sequence.
4. The letter “p” appears after each of the entered number sequence each time  is pressed.
(An example is: 555-1212p1234p5678.)
5. Press  to save the number in a Memory Location. The phone displays your number entry and the next available assigned Memory Location.
6. Enter NAME and press .

Advanced Features

Using the Hard Pause

When dialing a number sequence and recalling a number, do the following:

1. To dial the number sequence, press  to recall a stored Memory Location number where the hard pause resides.
2. Press . You are prompted with interactive responses, such as: "Enter your calling card number."
3. Press  to transmit sequential numbers after the letter "p".
4. Press  for the next sequence of numbers.
5. Each time  is pressed, the entered segment of numbers is sent.
6. Continue with the recorded conversation.
7. When the conversation is ended, press .

3

Phone Security

The Samsung PCS phone offers two options for phone security: locking and restricting the phone. When the phone is locked, incoming calls can be received and emergency calls can be placed, but all other phone functions are disabled. In the restrict mode, you control if calls can be made from your phone. You can also restrict incoming calls and access to the Internal Phone Book.

Advanced Features

Lock Code

The lock code is a four-digit code which can be any number you want it to be. You selected your first lock code when you placed your order with your service carrier. If you cannot recall your code, call Customer Care toll-free at 888-987-HELP.

The lock code can be changed at any time to any four-digit code you wish. If you choose to change it and then forget it, it must be re-programmed. Take your phone to the nearest PCS Customer Care Center for assistance.

To lock the phone, select one of these three possible settings:

1. Select LOCK, ON, OFF and the phone is not locked
2. Select NOW and the phone is locked immediately.
3. Select ON POWER-UP and the phone will be locked every time you turn it on.

Locking the Phone

1. Press **MENU**.
2. Press **5** to select SECURITY.
3. Enter your four-digit lock code.
4. Press **1** to select LOCK.

Press **↑** ***** **#** **↓** to scroll through the list of options.

5. Press **OK**.

Restricting the Phone Book

With the restrict mode, you restrict access to the Phone Book and Call Logs.

1. Press **MENU**.
2. Press **5**, to select SECURITY.
3. LOCK CODE ???? appears first. Enter your four-digit lock code.

Advanced Features

4. Select **RESTRICT**. Press **1**, **PHONE BOOK**. This feature disables access to the Phone Book and Call Logs.

Note: One-Touch and Two-Touch Dialing are not available if the Internal Phone Book is restricted.

5. Select **UNRESTRICT** (default setting). The Phone Book is not restricted.

6. Select an option by pressing **↑*** **#↓**.

7. Press **OK** to save your selection.

3

Restricting Incoming/Outgoing Calls

To restrict Incoming or Outgoing calls:

1. Press **MENU**, **5**, **SECURITY**. Enter your lock code.
2. Press **2** **ABD** for **RESTRICT**.
3. Select **2** **ABD** for **INCOMING**.
4. Select **3** **DEF** for **OUTGOING**.

Possible settings for Incoming calls are:

RESTRICT: Calls cannot be received

UNRESTRICT: (default setting) Incoming Calls can be received

Possible settings for Outgoing calls are:

RESTRICT: Calls cannot be made (except 911 and your emergency numbers).

UNRESTRICT: (default setting) Outgoing calls can be made.

Press **OK** to save your selections.

Advanced Features

Changing the Lock Code

The lock code can be changed at any time to any four-digit code you create. Create a code that is easy to remember. If you change your lock code and forget the code, take your phone to the nearest PCS Customer Center for assistance.

To change the lock code, do the following

1. Press **MENU**.
2. Press **5 sec** to select SECURITY.
3. Enter your current four-digit lock code.
4. Press **3 sec** to select LOCK CODE.
5. Enter your new code. Write down the code immediately and save it for future reference.
6. Press **OK** to save new lock code.

Storing Emergency Phone Numbers

In an emergency, 911 and Customer Care can always be dialed, except when the power is off. Additionally, you may store up to three personal "emergency numbers." All emergency numbers can be dialed even when the phone is locked or restricted but not when power is off. When an emergency number is dialed and the phone is in LOCKED or RESTRICTED mode, the stored number must match exactly, in order to override the lock and restriction settings.

Entering Emergency Numbers

1. Press **MENU**.
2. Press **5 sec** to select SECURITY.
3. Enter your four-digit lock code.
4. Press **4 sec** to select EMERGENCY number.

Advanced Features

If no emergency numbers have been saved, "EMPTY" is displayed in each slot. Once an Emergency Location has been filled, the phone displays the number on the screen.

5. Press **1** to select emergency location <empty 1>.

6. Repeat this process for each emergency number.

Press **2** to select emergency location <empty 2>.

Press **3** to select emergency location <empty 3>.

7. Enter an emergency number (including the area code).

8. Press **OK** to save each emergency number in the appropriate location.

The display reads "SAVED" to confirm that the number was correctly stored. The display then changes back to the emergency number so that a second and/or third number can be entered.

If no further numbers are to be entered, press and hold **CLR** to return to the Standby Mode.

Dialing when the Phone is Locked

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

To dial emergency numbers when the phone is locked, perform these steps:

1. Dial: 911 or one of the three emergency numbers.

2. Press **SEND**. Or Call Customer Care by using the keys which are programmed to dial that number automatically:

3. Press in sequence: **↑***, **6**, **1**, **1**, **SEND**.

Advanced Features

Voice Mail

Your Samsung SCH-1910 PCS Phone comes equipped with Voice Mail capability. You can access voice and text messages by pressing the  key. The menu will read:

1. Voice
2. Text
3. Erase All

Check with your service provider for instructions on accessing your voice and text messages.

4

Special PCS Functions

Defining In Use Menu

KeyGuard

Ring Tone Mute

Any Key Answer Feature

True Alpha Search and Sort

Shortcut Keys

Optional PCS Phone Accessories

Phone Specifications

41

Special PCS Functions

Defining In Use Menu

To access the In Use Menu, do the following:

While in a call, press  and select the appropriate number:

1. Press : Mutes the microphone.
2. Press : Activates the silent key function.
3. Press : Accesses the Internal Phone Book.
4. Press : Displays your phone number.
5. Press : Displays the software and hardware version of your phone.
6. Press : Sends your phone number (example: when paging someone).

KeyGuard

The KeyGuard feature locks the phone's keypad so that keys accidentally pressed will not change function settings or place calls.

To activate KeyGuard:

1. Press .
2. Press  to select KEYGUARD.

De-activating KeyGuard:

1. Press and hold  for one full second.

Special PCS Functions

Ring Tone Mute

The Ring Tone Mute is a special feature that allows you to mute the ring tone during incoming calls.

To use the Ring Tone Mute feature, do the following:

1. Press **END** after the first ring of the incoming call to mute the ringer.
2. Press **SEND** to answer the call when ready.
(The phone will go back to normal performance without assistance.)

4

Any Key Answer Feature

You can also customize your options by using the “Any Key Answer” feature on **MEM**, option **7 ring**, to select SETUP. You can press any key except the **POWER**, **END** or the volume controls to answer a phone call.

True Alpha Sort and Search

To access the sort key, do the following:

1. Select **MEM**.
2. Press **2 abc**: Phone Book.
3. Press **1**: RECALL BY, and press **1**: NAME.
4. Enter the first letter, for example: “J”.
5. Press **OK** to retrieve all names beginning with “J”. The phone scrolls and sorts in true alphabetical order to access the correct name.

Special PCS Functions

Shortcut Keys

Power ON/OFF	Press and hold POWER .
Menu Scrolling	Press ↑* or #↓ .
Make Calls	Enter Number. Press SEND .
Correct Mistakes	Press CLR .
Redial Call	Press CLR twice and press SEND .
Speed Dialing	Enter Memory Location and press SEND .
End Call	Press END .
Answer Call	Press SEND .
Save Number	Press OK . Enter number. Press OK again. Press OK again. Enter NAME (optional). Press OK .
Retrieve Outgoing Number	Press MENU . Press 1 and press 1 .
Retrieve Incoming Number	Press MENU . Press 1 and press 2 ABC .

Special PCS Functions

Optional PCS Phone Accessories



Cigarette Lighter Adapter & Charger

The Cigarette Lighter Adapter and Charger is used to quickly charge the PCS phone in any vehicle while you drive and to operate the PCS phone from a vehicle cigarette lighter socket.

Cigarette Lighter Adapter CLC53

4



Leather Case

The Leather Case provides durability and convenience while using the PCS phone.

Leather Case LC54



Travel Charger

The Travel Charger plugs into the wall and allows you to charge a single battery in the office, at home or when traveling.

Travel Charger TC55

Special PCS Functions

Optional PCS Phone Accessories



Hands-Free Car Kit

The Hands-Free Car Kit allows safety, freedom and convenience while operating a vehicle.

Hands-Free Car Kit HF55



Batteries

Two types of NiMH batteries are available with the PCS phone:

- Standard battery – BTH852S
- Extended battery – BTH1552L

Standard and Extended Battery



Rapid Desktop Charger

The Rapid Desktop Charger is used to quickly charge and condition the battery while in an office or at home.

Rapid Desktop
Charger DTC54

Special PCS Functions

Optional PCS Phone Accessories



Hand Strap

The Hand Strap provides convenience and safety when holding or using your PCS phone.

Hand Strap HS54

4

The accessories listed above can be purchased with the PCS Phone at your retail point of sale.

Special PCS Functions

Phone Specifications

The general specifications of your PCS phone are indicated in Table 7.

Table 7: Phone Specifications

Dimensions	5.1x2x1.1.0(inch)130x54x28(mm) Std.Battery 5.1x2 x1.4(inch)130x54x36(mm) Ext.Battery)
Volume	180cc(Std.Battery) 250cc(Ext.Battery)
Weight	Including Standard Battery- 7.0 ounces (199 grams) Including Extended Battery- 8.4 ounces (238 grams)
Talk Time	up to 2 hrs Std Battery (NiMh 850 mAh) up to 4 hrs Ext Battery (NiMh 1800 mAh)
Standby Mode	or: 20 hrs Std Battery or: 60 hrs Ext Battery

Charging Times

Accessories:	Std. Battery	Ext.Battery
1. Desktop Charger	up to 2 hours	up to 3 hours
2. Travel Charger	up to 3 hours	up to 6 hours
3. Hands-Free Car Kit	up to 3 hours	up to 6 hours
4. Cigarette Lighter Adapter & Charger	up to 3 hours	up to 6 hours

Frequency Range	Transmitter: 1850 - 1910 Mhz Receiver: 1930 - 1990 MHz
Channel Bandwidth	1.23 MHz
Channel Spacing	50 MHz
No. of channels	1200
VOCODER	13 kbps QCELP
Duplex Separation	80 Khz
Type of Emission	G7W



Appendix

Battery Care and Maintenance

Troubleshooting

Important Safety Instructions

Appendix

Battery Care and Maintenance

Use only Samsung-approved batteries (model numbers BTH852S and BTH1552L) for Desktop and Travel chargers (model numbers DTC54 and TC55). These chargers are designed to maximize battery life and performance. Using other batteries or chargers will invalidate your warranty and may cause damage as well.

Table 8: Storage Temperatures

Recommended Storage Temperature Ranges	
Less than one month	4°F to 122°F (-20°C to 50°C)
More than one month	-4°F to 95°F (-20°C to 35°C)

To avoid damage, charge the battery in temperatures that range from 32°F to 104°F (0°C to 40°C).

Do not use the battery charger in direct sunlight or in high humidity areas (such as a bathroom).

Never dispose of the battery by incineration (fire).

Keep the metal contact at the base of the battery clean.

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

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.

Caring for Your Batteries

Do not allow metal objects or liquids to contact or short circuit the battery terminals; injuries or burns may result otherwise.

Appendix

Disposal of Your Batteries

Do not dispose of the battery in a fire; the cell may explode. Check with local codes for possible special disposal instructions.

Do not open or puncture the battery; the released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.

Charge the battery only in accordance with the instructions and limitations specified in this manual.

Recycling Nickel Metal Hydride Batteries

Nickel metal hydride (NiMH) batteries are recyclable. You can return your unwanted Samsung batteries to your nearest Samsung Service Center. For the Samsung Service Center nearest you, call toll free 1-888-987-HELP (4357) in the U.S.

Note: In some areas, the disposal of NiMH batteries in household or business trash may be prohibited. Check the regulations for your area.

A

Appendix

Troubleshooting

Maximizing Call Quality

In order for the Samsung PCS phone to operate with optimal call quality, please note the following:

- Extend the phone's antenna to its full length. While it may be possible to place calls with the antenna retracted, the PCS phone operates best with the antenna fully extended.
- Hold the phone like any other type of telephone. Speak directly into the mouthpiece and position the antenna up and over your shoulder while talking.
- Do not hold the antenna when using the phone. Holding the antenna may affect the quality of the call.

Caring for Your Antenna

Note the following on the care and use of the antenna:

- You should always replace a damaged antenna immediately. A broken antenna may degrade the quality of your phone connection. Call 1-888-987-HELP (4357) for repairs in the U.S.
- Use only the antenna supplied with your PCS phone. Unauthorized antennas, modifications, or attachments could cause damage to the phone and may violate FCC regulations.

Appendix

Common Questions

The following section provides some general troubleshooting tips and commonly asked questions. If problems persist, please contact your carrier/service provider.

How do I turn on the phone?

Hold down the **POWER** key until the display reads the carrier's name, time and date.

How far can I call on a PCS phone?

You can place local or long-distance calls within the U.S. as long as you are initiating the call within a carrier's PCS coverage service area.

Does the phone have to be ON to receive a call?

Yes. In order to receive a phone call, the Samsung PCS phone must be powered on.

Can I answer the phone by pressing any key?

Yes. The PCS phone has an "Any Key" answering feature that allows you to press any numeric key to receive a call, except the **POWER** and **END** keys.

Do I have to go through an operator to place or receive phone calls?

No. PCS service does not require users to go through an operator to complete calls. You can place and receive calls as you would from your home or office.

Is it difficult to operate a PCS phone?

No. The PCS phone is easy to use. Enter the desired number, press **SEND** button to start your conversation, and press **END** button when your conversation has ended. For online menu, press **MENU** and scroll through main menu, using **UP** and **DOWN**.

Appendix

How do I keep track of my calls?

The Samsung PCS phone is capable of tracking your incoming and outgoing calls. The phone has a built-in calling log feature that stores nine incoming and nine outgoing calls.

Are there costs associated with owning a PCS phone?

Yes.

1. There is the cost of the phone itself, which depends on the make and model of the Samsung phone you select. Cost will vary. Installation and programming is usually included in the price of the phone when you sign up for service.
2. There is a small one-time charge to set up the account.
3. There is the monthly bill which includes a monthly access fee and per minute airtime charge for usage or "talk-time." The cost of a monthly bill varies depending upon the number of calls made per month and the rate plan used. There are numerous pricing plans available for the light, normal, or heavy volume user. Peak time and off-peak time charges could be incurred.

What can I do to stop the ringer when I'm in a meeting?

The PCS phone has a Ringtone/Mute key. You can mute the ring tone during incoming calls. To do this, press the **END** key after the first incoming ring to mute the ringer. Now you can step out of the meeting to answer the call.

What do I do when my phone gives me an unclear sound or the call quality is not good?

1. Make sure the antenna is extended fully in order to increase receive reception quality.
2. Move to a location where the RSSI indicator reading is maximized.

Appendix

When I'm in a noisy environment, my audio level seems low.

You should place and receive your calls in an environment that is as quiet as possible in order to get a better sound quality.

The battery on my phone doesn't seem to provide a lot of talk time or standby time. Why is this?

In order to get the most talk time and standby time from your phone, it is important to use the Rapid Desktop Charger that comes with the SCH-1910 phone. To get maximum charge capacity, place the battery in the rear slot and push the black button on the right hand side of the charger. By doing this, you will condition, as well as charge, your battery for maximum performance.

I have trouble keeping my backlight display on while I'm driving.

In the interest of road safety, it is vital that you keep attention to the road while you are driving. You may choose to have a Hands-Free Car Kit, which allows convenient carefree conversation and keeps the backlight on.

My antenna feels like it could bend very easily.

The Samsung PCS phone has a flexible antenna which keeps its shape when accidentally bent.

What do I do if my PCS phone is lost or stolen?

In addition to reporting the theft to the local law enforcement authorities, immediately contact Customer Care to avoid further call charges. You will be responsible for charges made on your PCS phone until the loss is reported. Other PCS carriers throughout the country will then be requested to deny network access to this phone. You will be able to use the same PCS number with your replacement phone.

A

Appendix

Important Safety Instructions

General Information

For a variety of safety reasons, it is very important to consider where you will be using your PCS phone. When using your PCS phone and its accessories, basic safety precautions must always be followed. Details on where and when to safely use your PCS phone are noted.

Compliance with Safety Standards

Samsung has ensured that the Samsung PCS phone meets all standards and recommendations for the protection of the public exposure to RF electromagnetic energy established by governmental bodies and other qualified organizations. To reduce the risk of fire, electric shock, serious personal injury, or property damage, observe the following guidelines.

Driving

It is illegal in some states and countries to use a cellular phone while driving. Know the laws and regulations for your area. Pull off the road and park if you need to make a call.

If you must use the phone while driving:

- drive with your complete and full attention
- pull off to the side of the road before making or answering a call
- use your optional Hands-Free Car Kit, sold separately as an accessory

Appendix

Electronic Devices

Your cellular telephone is a radio transmitter and receiver. When the power is ON, it receives and sends out radio frequency (RF) energy. Most modern electronic equipment, such as equipment in hospitals and cars, is shielded from RF signals. However, RF energy may affect some inadequately shielded electronic equipment.

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

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

Note if there are any regulations posted in the areas regarding the operation of cellular/PCS phones and learn where you may use them safely within the facility.

Aircraft

Turn OFF your phone before boarding any aircraft. The Federal Aviation Administration (FAA) requires that you have prior permission from a crew member to use your phone while the plane is on the ground. FCC regulations prohibit using your phone while the plane is on the air. Do not use your phone while in the air at any time.

Blasting Areas

Construction crews often use remote-control RF devices to set off explosives. To avoid interfering with blasting operations, turn your phone OFF when in a blasting area or in other areas with signs posted: "turn off two-way radio."

Appendix

Other Dangerous Areas

Turn OFF your phone in any area with a potentially explosive atmosphere. It is rare, but your phone or its accessories could generate sparks which could cause an explosion or fire.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked.

These areas may 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
- any other area where you would normally be advised to turn off your vehicle engine

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

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.



Glossary of Terms

Glossary of Terms

Glossary of Terms

Airtime. Actual time spent talking on the wireless telephone. Most carriers bill customers based on how many minutes of airtime they use each month.

Antenna. A device for transmitting and/or receiving signals. The size and shape of antennas is determined, in large part, by the frequency of the signal they are designed to receive. Antennas are needed on the wireless handset and the base station.

Base Station. The fixed radio transmitter/receiver that maintains communications with mobile radio telephones within a given area. (Typically seen as cell, or cell site).

CDMA (Code Division Multiple Access) A spread-spectrum approach to digital transmission. With CDMA, each conversation is digitized and then tagged with a code. The mobile phone is instructed to decipher only a particular code to pick the right conversation off the air. The transmitted signal is just above noise level across the available bandwidth.

Channel. A path along which a communications signal is transmitted.

RF - Radio Frequency.

Deactivation. A wireless phone that is rendered inactive.

Frequency. A measure based on time, as one or more waves per second, in an electrical or lightwave information signal. A signal's frequency is stated in either cycles-per-second or Hertz (Hz).

Hands-Free. A feature that permits a driver to use a wireless phone without lifting or holding the handset; an important safety feature for automobiles, tractors and most other motorized vehicles.

Home service area. A geographic area in which a wireless phone is enabled. This is used for billing purposes.

Hook Flash. The action of clicking on the receiver of a landline

Glossary of Terms

phone. On the Samsung PCS handset, you press  to achieve the same result.

LED. Light Emitting Diode.

Off-peak. The periods of time (usually after the business day or on weekends) during which the service provider offers discounted airtime rates.

PCS (Personal Communications Services). FCC terminology describing two-way, personal, digital, wireless communications systems.

Peak. The time during which wireless customers can expect to pay full service rates.

Prepend. The addition of prefixed numbers, for instance, an area code, in front of a recalled phone number.

Roaming. The ability to use a wireless phone to make and receive calls in places outside of one's home calling or service area.

Service Charge. The amount paid each month to receive wireless service.

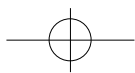
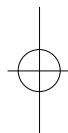
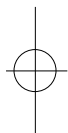
Standby Time. The amount of time a fully charged wireless portable or transportable phone can be "ON" and idle without being in use. (See Talk Time below.)

Talk Time. The length of time a person can talk on a portable or transportable wireless phone without recharging the batteries.

Vocoder. A device used to convert speech into digital signals.

VoiceMail. A computerized answering service that answers a call, plays a greeting, and records a message. Depending on the sophistication of the service, it can notify the subscriber, via a pager, that he or she has received a call and message. (Also called voice messaging.)

Wireless. Describing radio-based systems that allow transmission of telephone and/or data signals through the air without a physical connection, such as a metal wire (copper) or fiber optic cable.



Index

Index

A

Airtime	33
Airtime,Erase Total	33
Any Key Answer Feature	43
Audible Alerts	28

B

Backlighting	29
Basic Description	3
Basic Features	11
Batteries	46
Battery Care and Maintenance	50
Battery Charge Indicator	8
Battery Installation	7
Battery Specifications	8

C

Call Forwarding	15
Call Forwarding,Deactivating	15
Call Logs - Tracking Calls	32
Call Waiting	14
Call Waiting,Disabling	14
Caller ID	24
Caring for Your Batteries	50
Changing the Lock Code	38
Charging Your Battery	9
Cigarette Lighter Adapter	45
Confidential Numbers	19
Customizing Your Phone's Features	26

D

Dialing by Name	22
Dialing from the Internal Phone Book	22
Dialing when Phone is Locked	39
Dialing Shortcuts	25
Displaying Your Phone Number	29
Disposal of Your Batteries	51

Index

E

Emergency Numbers	38
Ending a Call	13

G

Glossary of Terms	59
Greeting,Setting Up Your	27

H

Hands-Free Car Kit	46
Hand Strap	47
Hard Pause	35
Hard Pause,Entering and Storing	35

I

Icon Functions	6
Safety Instructions	56
Installing the Standard Battery	7
Intellectual Property	IFC
Internal Phone Book	18
In Use Menu	11
In Use Menu,Defining	42

K

Key Functions	4
KeyGuard	42
Key Tone Volume	27

L

Last Call Airtime	33
LCD Display	5
Leather Case	45
Lock Code	36
Locking the Phone	36

Index

M

Memory Locations	25
Menu Structure	12
Menu Structures	11
Message Ring Frequency	27
Misdialed Number, Correcting a	13
Mistakes, Correcting	20

N

Names, Entering	20
-----------------	----

O

Obtaining Numeric Characters	28
One-Touch Dialing	25
Optional PCS Phone Accessories	45

P

Placing a Call	13
Phone Numbers, Erasing	21
Phone Security	35
Phone Specifications	48
Prepending Stored Phone Numbers	23

Q

Questions	53
-----------	----

R

Rapid Desktop Charger	46
Rapid Desktop Charger with Conditioner	9
Recalling Stored Numbers	20
Receiving a Call	13
Recycling Nickel Metal Hydride Batteries	51
Redialing a Number	13
Restricting Incoming/Outgoing Calls	37
Restricting the Phone Book	36

Index

Ring Tone Mute	43
Ringer Type	26
Ringer Volume	26

S

Standard Battery	7
Set Up	28
Shortcut Keys	44
Storing a Phone Number	18
Storing Numbers Shortcut	19
Storing Emergency Phone Numbers	38
Storage Temperatures	50
Specifications	48

T

Three-Way Dialing	15
Total Airtime	33
Travel Charger	45
Troubleshooting	52
True Alpha Sort & Search	43
Two-Touch Dialing	25

U

Unpacking Your Consumer Package	2
Using the Conditioner Cycle	10
Using Your PCS Phone	v

V

Voice Mail	40
------------	----

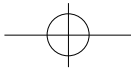
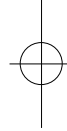
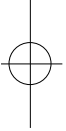
Phone Book Numbers

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

[illegible]

Phone Book Numbers

[illegible]

[illegible]



1130 east arapaho road
richardson, texas 75081
tel: 972-761-7000 • fax: 972-761-7001
tech support: 888-987-help(4357)
web site: www.samsungtelecom.com
19111030001

SCH-1910

OWNERS MANUAL



SAMSUNG