SAMSUNG

PORTABLE CELLULAR
TELEPHONE
SPH-T100
User's Manual

DRAFT 12 November 1999

SAMSUNG

ELECTRONICS
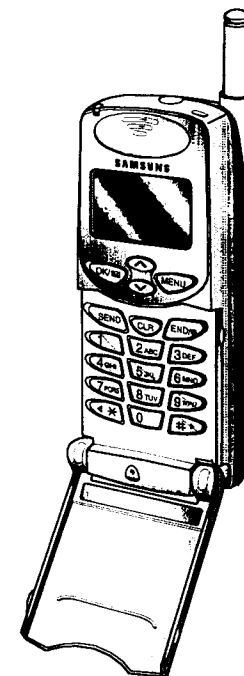
FCC RF EXPOSURE INFORMATION

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

⚠ CAUTION Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations.

Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

Body-worn Operation

This device was tested for typical body-worn operations with the back of the phone kept 0.6 inches (1.5 cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.6 inches (1.5 cm) must be maintained between the user's body and the back of the phone, including the antenna, whether extended or retracted. Third-party belt-clips, holsters and similar accessories containing metallic components should not be used. Body-worn accessories that cannot maintain 0.6 inch (1.5 cm) separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

For more information about RF exposure, please visit the FCC website at www.fcc.gov

Contents

Safety Precautions and Important Notices

Read these simple guidelines. Failure to comply with these guidelines may be dangerous or illegal.

For more detailed safety information, see Safety Information on page 57.

ROAD SAFETY COMES FIRST

Do not use a hand-held phone while driving; park the vehicle first.

SWITCH OFF IN AIRCRAFT

Mobile phones can cause interference. Using them on aircraft is illegal.

SWITCH OFF NEAR BLASTING

Do not use the phone where a blasting operation is in progress. Observe restrictions, and follow any regulations or rules in force.

SWITCH OFF WHEN REFUELLING

Do not use the phone at a refuelling point or near fuels or chemicals.

INTERFERENCE

All mobile phone may be subject to radio interference, which may affect their performance.

QUALIFIED SERVICE

Only qualified service personnel must install or repair cellular equipment. Use only approved accessories and batteries.

USE SENSIBLY

Use only in the normal position (to ear).
Avoid unnecessary contact with the antenna when the phone is switched on.

IMPORTANT! Use only accessories approved by the phone manufacturer. This apparatus is intended for use when supplied with power from SAMSUNG approved Travel adapter and Desktop charger. The use of any other types 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 plug, not the cord.
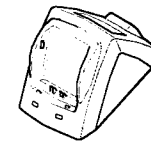
▮ Getting Started

Unpacking

Your package contains the following items.

Handset	Desktop Charger

Battery	Hand Strap

User's Manual	Ear Phone	Charger Line Code

In addition, you can obtain the accessories for your phone from your local SAMSUNG dealer. For information on the accessories, see page 69.

Phone Layout

The following illustrations shows the main elements of your phone.

Lamp — Antenna

Earphone jack — Earpiece

Voice memo key

Volume keys — Display

See the opposite page — Alphanumeric keys

Scroll key — Scroll key

Microphone

Flip Cover
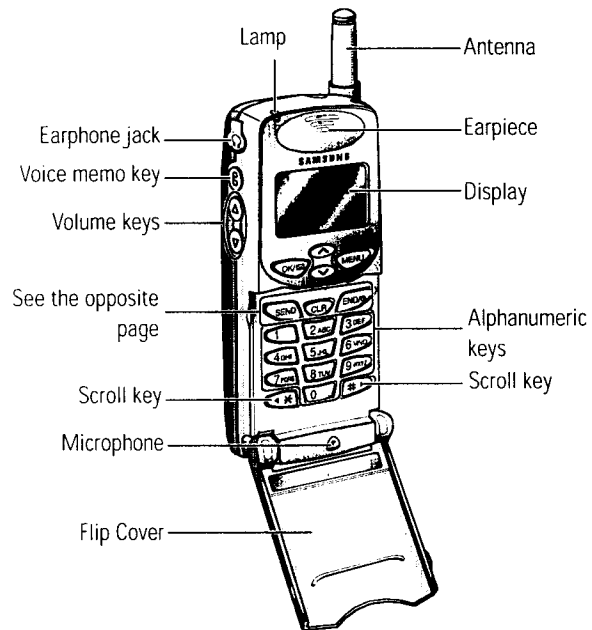
Key   Functions

(MENU) Enters the menu facility. Also, scrolls through the menu options.

△
▽   *In the menu facility,* scroll through the menu options.
     In the idle mode, △ key displays the Phone Book entries and ▽ key displays the Phone Book names.

Key   Functions

(OK/EE) *In the idle mode,* enters Messages menu.
        In the menu facility, selects a menu function or stores information that you have entered (such as a name in the phone memory).

(SEND) Makes or answers call.
       In the idle mode, enters Outgoing call log.
       Voice dials when pressed and held *in the idle mode.*

(CLR) Deletes characters from the display. *In the menu facility,* returns to the previous menu level.

(END/O) Ends a call. Also switches the phone on and off when pressed and held. *In the menu facility,* returns to the idle mode and cancels your input.

(0) ~ (9) Enters numbers, letters and special characters.

(*) Enters *. When entering text, selects capital letters, small letters, or initial capital letters. For detail, see page 25.

(#) Enters #. Used at various times as a pound key when you dial especially when using tele-services. When entering text, creates a space.

(On the side of the phone)

(6) Enters Voice Memo menu. Holding down the key starts recording voice memo.

(△)
(▽) Adjust voice volume during conversation and ring volume *in the idle mode.* Also, allow the phone to switch to the Vibration mode. *In the menu facility,* moves to the next screen in the same menu level.

Display

The display comprises two areas: an upper line of static icons, and the lower text and graphic area. The following icons display at power-on:

Y₁ll ✗ Ⓑ ☒ 🅐 🎒 ▥ ——————— Icons

Text and graphic area
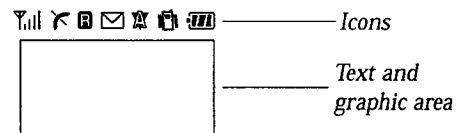
Icons

Y₁ll   Shows the received signal strength. The greater the number of bars, the better the signal strength.

✗   Indicates that the phone is outside a service area and cannot send or receive calls.

Ⓑ   Appears when you are out of your home area and have registered with a different network (when travelling in other countries, for example).

☒   Appears when a new message has been received.

🅐   Indicates your phone is operating in analog mode.

🎒   Indicates a Vibrate mode.

▥   Shows the level of your battery. The more bars you see, the more power you have left.

Installing Battery

To Install the Battery

1. Insert the tabs on the base of the battery into the notches on the base of the phone as shown.
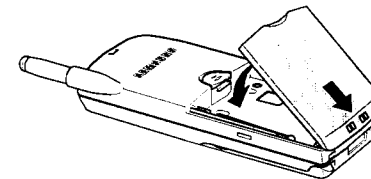
2. Press the battery down until you hear a click.
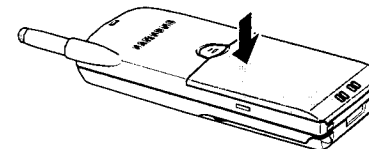
To Remove the Battery

If you want to remove the battery, do as follows:

1. If necessary, switch off the phone by holding down the
   (END·◎) key until the power-off message is displayed.

2. Remove the battery. To do so:
   ① Push up and hold the catch above the battery on the
      back of the phone
   ② Lift the battery away
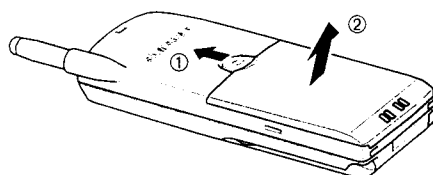
Charging a Battery

Your phone is powered by a rechargeable Li-ion battery.
A desk top charger is provided with your phone. Use only
,approved batteries and chargers. Ask you local SAMSUNG
dealer for further details.
The phone can be used while the battery is charging.

Note: You must fully charge the battery before using your phone
for the first time. A discharged battery is fully recharged in
approximately 180 minutes.

1. Connect the end of the charger line code to the charger line
   socket on the back of the charger, and the other line end to
   a wall outlet.
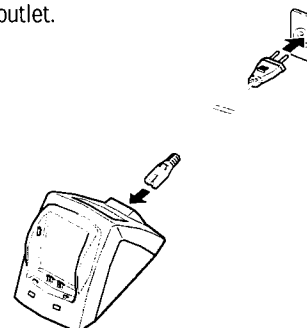
2. Remove the battery from the phone and place it in the rear
   compartment of the charger. The right lamp lights up with
   red.
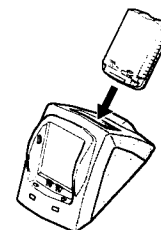
3. If you do not wish to use your phone while charging the battery, you can leave the battery attached to the phone. Place the phone with the battery attached in the front compartment of charger with the keypad facing forward. The left lamp lights up with red.
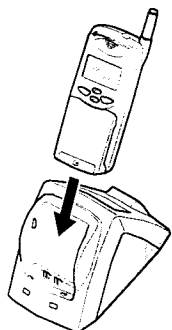
Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, a clear battery icon (no bars displayed) flashes in the upper right corner of the screen. You will hear a warning tone.

Y.ill   ⊐

Mobility PCS
1:45P Nov21

When the battery becomes too weak for the phone to operate, it switches off automatically.

Switching the Phone On/Off

1. Open the flip cover.

2. Hold down 🔘 key for more than one second to switch the phone on.

The red light flashes, an alert sounds:
* When the system locates services, the greeting message displays along with the date and time. You can now place and receive calls.
* If the system cannot locate service, the greeting message displays without the date and time. In this case, you cannot place and receive calls. Power off the phone, then try again later when service is available.
* If your phone is locked, '**-Locked-**' displays. Press 🔘 key, and enter the four-digit lock code to unlock the phone.

3. When you wish to switch the phone off, hold down 🔘 key for more than two seconds.

General Functions

Making a Call

When the idle screen is displayed, key in the area code and phone number and press ⬡ₛₑₙₒ key.

Correcting the Number

To clear...	Then
The last digit displayed	Press ⬡ key.
The whole display	Hold down ⬡ key for more than one seconde.

Ending a Call

When you have finished your call, briefly press ⬡ key or close the flip.

Emergency Dialing

You can place calls to 911, *911, #911 or one of the three emergency numbers that are in your emergency number list even if your phone is locked.

Prepend Dialing

The **Prepend** option enables you to add up to three digits, such as area codes and network feature activation codes, to a phone number of up to 10 digits. You can prepend an existing entry in the Phone Book or Call Logs before dialing.

To prepend existing phone numbers in the Phone Book or Call Logs:

1. Access the phone number entry.

2. When the desired phone number displays, press ⬡ key to access **Options**.

3. Press ⬡ key to select **Prepend** option.

4. Enter the area code or feature code.

5. Press ⬡ₛₑₙₒ key to dial the number.

Answering a Call

When somebody calls you, the phone rings and **CALL** in the middle of the screen is displayed.

1. To answer a call, open the flip cover. If the flip is already open, press ⬡ₛₑₙₒ key.

   If the the **Call Answer** menu (**8-5**) is set to **Any key** option, you can answer a call pressing any key except for ⬡ key. For details, refer to page 66.

2. End the call by closing the flip cover or pressing ⬡ key.

   Note: You can answer a call while using the phone book or menu features. Your setting will be cancelled.

Placing a Call form the Phone Book

You can store the phone numbers called regularly in memory, called the Phone Book. You then simply recall the number to dial.
For further information on Phone Book, refer to page 35.

Finding Entries by Name, Then Dial

1. Press ⌧ key in the idle mode.

The screen shows the names stored in the Phone Book in the alphabetical order.

2. Use ⌧ or ⌧ key to find the desired name. You can also enter the first letter of the name by pressing the associated alphanumeric key.

3. Press ⌧ key to dial the stored number with the name.

One-Touch Dialing by Memory Location

Memory locations 01 through 09 are special one-touch locations. You can dial the phone numbers stored in the Phone Book memory from 01 through 09 simply by pressing one button.

1. Press and hold the second digit of the memory location containing the number to be dialed.

For example: Location no. 09
            Press ⌧ and hold.

The number (and name) stored is displayed, then dialed.

Two-Touch Dialing by Memory Location

Once you have stored phone numbers in the phone book memory, you can dial them easily whenever you want.

1. Press the first digit briefly, then hold down the second digit of the memory cell.

For example: Location no. 23
            Press ⌧ briefly and hold down ⌧.

The number (and name) stored is displayed, then dialed.

Note: When several numbers are saved in one location, only the phone number which is specified with **Set Speed Dial** option will be automatically dialed. For details, refer to **Options** on **Phone Book** menu **(2)** on page 36.

Voice Dialing

1. To place the call, press and hold ⌧ key, or open the flip, depending on the **Set Active (7-4)** option (see page 59).

2. At the voice prompt, say the name into the phone.

 • If the phone recognizes the name, the phone attempts a connection.

 • If the phone does not recognize the name, the screen prompts for the name again.

 • If the phone is unable to recognize the name after two attempts, the message **Cannot Recognize Name. Please check name** displays. Try the call again later, or check the recorded name.

Last Number Redial

The phone stores the last 10 numbers dialled. To recall any of these numbers, proceed as follows.

1. If there are any characters on the display, clear the display by holding down ⓒⓛⓡ key for more than one second.

2. Press ⓢⓔⓝⓓ key. The list of outgoing calls are displayed.

3. Use ⌃ or ⌄ key to scroll through the numbers until you select the required number.

4. Press ⓢⓔⓝⓓ key to dial the number displayed.

Using Caller ID

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 Internal Phone Book, the corresponding name is also displayed. If you call someone who has this feature, your phone number will be displayed on the other party's phone.

To block your phone number from being displayed for a particular outgoing call, just follow these steps:

1. Press ✱, ⑥ₘₙₒ, ⑦ₚₒᵣₛ keys .

2. Enter the phone number, and then press ⓢⓔⓝⓓ key.

To activate Block Own Number permanently, call customer care by pressing ✱, ②ₐᵦ𝚌, ⓢⓔⓝⓓ key.

, To temporarily unblock the number;

1. Press ✱, ⑧ₜᵤᵥ, ②ₐᵦ𝚌 keys.

2. Enter the phone number, and then press ⓢⓔⓝⓓ key .

Viewing Missed Calls

If you are unable to answer a call for any reason, you can find out who was calling you, if this service is available. In this way, you can call the person back, if necessary.

Ψ.ıl   ⟐

Missed Calls

2
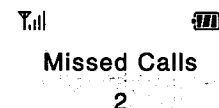
The number of missed calls is displayed on the idle screen immediately after the call was missed.

To view the missed call, refer to '**Incoming' (1-2)** under '**Calls'** on page 31.

InUse Menu Options

Your phone provides a number of functions that you can use during a call. you cannot utilize all of these functions at all times. Many of the InUse Menu Options are network services.

Press ⊙ key during a call to choose some or all of the following InUse Menu options:

(Un)Mute: allows you to switch your phone's microphone off, so that the other party cannot hear you.

Example: You wish to say something to another person in the room but do not want the other party to hear you.

3-Way Call: allows you to conduct conference calls with two separate parties at the same time. You are billed airtime for each outgoing call separately. Contact your service provider to activate Three-Way Calling.

To Place a Three-way Call:

1. During conversation, press ⊙ key, enter the phone number for the third party, and then press ⊙ key again. The phone places the other party on hold.

2. When the third party answers, press ⊙ key again, to connect with the original party.

Calls: allows you to access the **Calls (1)** menu.

Messages: allows you to access the **Messages (3)** menu.

Phone Book: allows you to access the **Phone Book (2)** menu.

Calendar: allows you to access the **Calendar (5)** menu.

Call Waiting

This feature enables you to receive a second call during conversation. When a waiting call comes, the incoming call alert sounds, when set, and a text notification displays. Contact you service provider to activate Call Waiting.

To answer a waiting call:

1. To answer the call, Press ⊙ key. The phone connects the calling party, and places the current party on hold.

2. Press ⊙ key again to switch between 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 PCS Voicemail.

Call Forwarding

This feature provides the option of forwarding incoming calls to another phone number, even while your phone is off. Activating Call Forwarding does not affect outgoing calls made from this phone. Contact your service provider to activate Call Forwarding.

Recording Voice Memo

Your phone can record 10 Voice Memos. Each Voice Memo can be up to one minute in length.
When recording, a 60-second timer displays and an alert sounds to indicate when recording time expires.

To Record a Voice Memo

Press and hold Ⓑ key. The message "Recording" displays, along with the timer. You must continue to hold down the key to record; when you release the key the recording stops.

*Press Ⓑ key when you
record a memo.*

To stop recording, release Ⓑ key.

When you release the key, the following options for the voice memo becomes available:

Add Label: allows you to add a label for the memo you have just recorded. Enter a proper name up to 12 digits using the number keypad. If you do not add a label, the recorded date and time will be used to identify the memo.

Continue: allows you to continue recording the memo.

Erase: allows you to erase the memo you have just recorded.

To Review a Voice Memo

This option allows you to play back all memos recorded, starting with the most recent memo. The screen displays the label if you have entered. If not, the screen displays the date and time when the memo was recorded.

While the memos are playing, the following options are available.

Replay: plays the current memo once again.

Erase: erases the memo currently being played.

Next Memo: skips to the next memo.

Prev Memo: skips to the previous memo.

Adjusting the Volume

During a call, if you want to adjust the earpiece volume, use the volume keys on the left side of the phone. Press Ⓐ key to increase and Ⓥ key to decrease the volume.

*Press the keys to adjust
the volume.*

In the idle mode, you can adjust the ring volume using the same keys. Also, the keys allow the phone to switch to the **Vibration** mode in the idle mode. When the phone is in the vibration mode, the 📳 icon and ***Vibrate*** appear in the display.

Entering Text

You can write short messages on the phone. You are provided with several text input modes; **T9**, **Alphabet**, **Symbol**, **Number**.

To Write Text in T9 Mode

You can enter a word fast, by pressing a key just once for each letter with conventional keypad in the T9 mode. T9 text input software allows your phone to match your key presses to words in its linguistic database and displays the most commonly used matching word.
The T9 icon appears to the left of the scroll indicator in the display when the phone is in T9 mode.

Typing a word
Press keys corresponding to the letters you need, pressing the key only once per letter. Notice that the displayed words change as you type each letter. Always type to the end of the word before changing what appears to be a mistake.

Changing Case
The phone offers three shift states: Abc (initial letter is capitalized), ABC (all letters capitalized), and abc (all letters lower case). Press ⊂*⊃ key one or more times to display the case that you desire.

Including Punctuations
Period, hyphen, and apostrophe are available on ⊂⊃ key. T9 applies rules of grammar to insert the correct punctuation. Notice that ⊂⊃ is used twice in this example to display two punctuation marks:
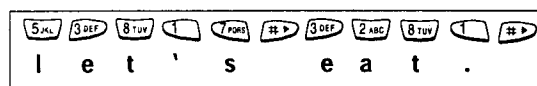
To Write Text in Alphabet Mode

Press the key labeled with required letter. Since each key has three or more letters, press the key repeatedly until the desired letter appears in the display.
The cursor moves to the right when you press a different key. When entering the same letter twice (or a different letter on the same key), just wait for a few seconds for the cursor to move right automatically, and then select the next letter.
You can also move the cursor by using ⊂#⊃ key. To delete letters, press ⊂CLR⊃ key. To change the case, press ⊂*⊃ key one or more times to display the case that you desire.

To Insert a Special Character

Enter **Symbol** mode, and the special characters are displayed with the correspondent numbers. Press a number matching a desired character. If necessary, repeat this.

To Enter Numbers

You can enter numbers in one of two ways:

• Press and hold the key required number in T9 word mode or abc mode.

• Enter **Number** mode. Then press the number key.

Using the Menus

A three-level menu structure is available to set the various options available on your phone. You can set the menu options in two different ways.

Using the Scroll Keys

The following keys are used to set menu option by scrolling then selecting an option.

Key	Purpose
(MENU)	Enters the menu structure. *In the idle mode*, moves to the next screen in the main menu level. You can also use Ⓐ or Ⓥ key on the left side of the phone moves to the next screen in the main menu level.
⊙⊙	*In the menu mode*, moves to the next menu or option.
(OK/⊠)	Access the menu displayed or the highlighted option.

Example: Connecting the **Record** option in **Voice Dial** menu

1. Press (MENU) key to access the main menu.

2. Press ⊘ or ⊙ key repeatedly until **Voice Dial** is displayed, then press (OK/⊠) key. The **Voice Dial** menus are displayed.

3. Press (OK/⊠) key to select **Record** highlighted. You are connected to **Record** option.

Using the Index System

Each menu option is assigned a hierarchical number. You can use this number to access the corresponding option directly. Simply press (MENU) and key in the required number.

Example: Connecting the **Record** option in **Voice Dial** menu.

1. Press (MENU) key to access the main menu.

2. Press (⑦⑧⑨) key to access **Voice Dial** menu. The **Voice Dial** menus are displayed.

3. Press ⊂⊃ key to select **Record**. You are automatically connected to **Record** option.

The numbers assigned to each option are indicated on the following menu map.

Menu Map

Main Menu	Menu Level 1	Menu Level 2
1. Calls	1: Outgoing 2: Incoming 3: Missed 4: Erase History	1: Outgoing 2: Incoming 3: Missed 4: All Calls
	5: Air Time	1: Total 2: EraseTotal
2. Phone Book	1: Find Name 2: Add New Entry 3: My Phone# 4: Find Entry 5: Services	1: Customer Care 2: Dir Assist 3: Prepaid 4: Road Assist
3. Messages	1: Voicemail	1: Listen 2: Reset
	2: Page/Text 3: Browser Msg 4: Erase	1: Page/Text 2: Browser Msg
4. Roaming	1: Set Mode 2: Call Guard	

5. Calendar	1: Today 2: Month View 3: Jump To Date 4: To Do List 5: Countdown 6: Alarm Clock 7: World Clock	
6. MiniBrowser		
7. Voice Dial	1: Record 2: Review 3: Erase All 4: Set Active	
8. Setup	1: Sounds	1: Ringer Volume 2: Ringer Type 3: Key Beep 4: Tone Length 5: Alerts 6: Roam Ringer
	2: Display	1: Backlight 2: Greeting 3: Contrast 4: Version
	3: Data/Fax In	
	4: Security	1: Lock Phone 2: Lock Code 3: Special # 4: Erase Phonebook
	5: Call Answer 6: Auto Answer 7: MiniBrowser 8: Language 9: Calculator	

Calls

You can use the **Calls** menu to:
- View and dial the last outgoing or incoming numbers.
- Erase the numbers in the CallLog memory
- View the duration of calls.

Outgoing   *Menu 1.1*

The phone stores up to ten outgoing calls you dialed. When you access this menu, the list of outgoing calls are displayed.

To...   **Press...**

Select an entry   ⬦ or ⬦ key

Dial the selected entry   📞 key

View the date and time   🔘 key
at which the call was dialed
and use option features

When you press 🔘 key, you can view the date/time stamp for the selected entry. If there is a Phone Book match, the name displays.

Press 🔘 key to access **Options**. The following options are available:

Talk: dials the selected number.

Show Entry (or **Save** if the phone number is not currently stored in the Phone Book): shows Phone Book entry or stores the number in the Phone Book.

Prepend: allows to add an area code or feature code to the number before calling or saving the number.

Incoming   *Menu 1.2*

This option lets you view the last 9 calls received. When you access this menu, the last of incoming calls are displayed.

To...   **Press...**

Select entry   ⬦ or ⬦ key

Dial the selected entry   📞 key

View the date and time   🔘 key
at which the call was received
and use option features

When you press 🔘 key, you can view the date/time stamp for the selected entry. If there is a Phone Book match, the name displays.

Press 🔘 key to access **Options**. The following options are available:

Talk: dials the selected number.

Show Entry (or **Store** if the phone number is not currently stored in the Phone Book): shows Phone Book entry or stores the number in the Phone Book.

Prepend: allows to add an area code or feature code to the number before calling or saving the number.

Missed

Your phone can keeps a list of calls that you do not answer when the phone is on and the service is available. The phone indicates missed calls by displaying a text notification on the screen.

Select an entry   ⌢ or ⌣ key

Dial the selected entry   SEND key

View the date and time   OK/☰ key
at which the call was dialed
and use option features

When you press OK/☰ key, you can view the date/time stamp for the selected entry. If there is a Phone Book match, the name displays.

Press MENU key to access **Options**. The following options are available:

Talk: dials the selected number.

Show Entry (or **Save** if the phone number is not currently stored in the Phone Book): shows Phone Book entry or stores the number in the Phone Book.

Prepend: allows to add an area code or feature code to the number before calling or saving the number.

Erase History

You can erase the numbers stored in the CallLog memory.

Outgoing: The numbers you called are erased.

Incoming: The numbers you received are erased.

Missed: The numbers you missed are erased.

All Calls: All calls you dialed, received and missed are erased.

Air Time

Using this option, you can view the call time of the total air time for all calls since you last reset the timer.

Total: total duration of all calls made since the timer was last reset.

Erase Total: resets the call timers.

Phone Book

The Phone book allows you to store frequently used phone numbers and the associated names in your personal directory to make it easy for you to make a call without having to remember or enter the phone number.
You can store up to 229 numbers.

Find Name

<div align="right">*Menu 2.1*</div>

This option displays the stored names in the Phone Book by alphabetical order.

Press ⌃ or ⌄ key to scroll to the desired name. You can also enter the first letter of the name by pressing the associated alphanumeric key. Using this method, the phone searches for the names in the list beginning with that letter, and then displays the first name in that section of the list. If desired, you can also enter the second letter in the name by pressing the associated alphanumeric key. The name is displayed with the number, label and speed dial number.

When the desired entry displays, press ⌕ key to place a call. If you press ⌕ key, then ⌕ key, you can access the following options:

Talk: dials the number.

Add Phone#: allows you to add several different kind of numbers into the name, such as work office number or mobile number.

Edit: allows you to edit phone number, name, or entry number. **Set Secret** option prevents the number from being displayed on the screen. **Set Speed Dial** option dials the number with one touch (or two touch) of the entry number key (or keys)

Prepend: prepends the number to add an area code or feature code to the number before dialing.

Erase: erases the number.

Name Ringer: allows you to designate a unique tone to signal an incoming call by the number.

Note: You can locate Phone Book entries quickly when the phone is in the idle mode. Press ⌄ key to access **Find Name** menu in one step and then press ⌃ or ⌄ key to scan entries.

Add New Entry
Menu 2.2

This menu allows you to store a number with a name in your Phone Book. You can save a person's different kinds of numbers, such as workplace number, mobile number and fax number, into one entry. Using this feature, you can keep one's information together. It also helps you to find numbers easily in Phone Book.

Creating a New Entry

1. Enter a number and press ⊙ key.

2. You are asked to select a label. The following labels are available: **Home, Work, Mobile, Pager, Fax, No Label**. After selecting a label, press ⊙ key.

3. Press ⊙ key to confirm **<Add new name>**.

4. To include a name with the entry, enter the desired name, then press ⊙ key. For information on how to enter a name, see page 25.

5. The first available location displays. To accept the displayed location, press ⊙ key. To select another location, press ⊙ or ⊙ key to scroll to the desired location or enter the location number using the number keys, then press ⊙ key.

6. The number and its information are displayed.

Adding a Number in an Existing Entry

1. Enter a number and press ⊙ key.

2. You are asked to select a label. The following labels are available: **Home, Work, Mobile, Pager, Fax, No Label**. After selecting a label, press ⊙ key.

3. Press ⊙ or ⊙ key to scroll to the desired location or enter the location number using the number keys, then press ⊙ key.

4. The number and its information are displayed.

Storing Phone Numbers at Call End

To store a phone number at your call end:

1. Press ⊙ key to end the call. The call time and the phone number display.

2. To store the phone number, press ⊙ key.

3. To complete storing the number, follow the instructions mentioned in opposite page.

My Phone Number
Menu 2.3

You can check your phone number. If you have more than one phone number, press ⊙ or ⊙ key to check the next number.

| 37 | Phone Book

Phone Book | 38 |

Find Entry

This option allows you to find an entry by location number.

Enter the location by pressing the number keys or press ⌾ or ⌾ key to scroll to the desired location, then press ⌾ key to display the selected entry.

When the desired entry displays, press ⌾ key to place a call.

If you press ⌾ key, then ⌾ key, you can access the following options. For details on **Options**, refer to **Find Name** menu on page 36.

Services

Phone numbers for frequently used services are prepro-grammed into your phone.

The pre-programmed numbers are as follows:

Customer Care: dials Customer Care.

Dir Assist: dials Directory Assistance.

Prepaid: dials the Prepaid Calling Services.

Road Assist: dials Roadside Assistance.

Press ⌾ or ⌾ key to select a service, then press ⌾ key to display the number. Then press ⌾ key.

Messages

Your phone receives voicemail notification, page/text mes-sages, and MiniBrowser messages. When the phone receives a message, an alert sounds, and a text notification displays. The ⌧ icon remains on the screen until you read the pend-ing text messages or until you listen to the voicemail notifica-tion messages.

Your phone can store up to 50 messages, depending on the length of the messages. If the message memory is full, an error message is displayed and you cannot receive any new message. Delete obsolete messages.

In the idle mode, an audible alert sounds in addition to the message header. The phone automatically mutes the incoming message when the phone is in Conversation mode (this is to avoid ringing in your ear while you are trying to converse). Your phone allows you to set a unique ring type for each type of incoming message; voicemail, numeric page, text, or MiniBrowser (see the **Ring type** menu on page 60).

Listening to Voicemail

This menu allows you to listen to the voicemail messages and reset the counter for the voicemail messages, if desired.

The screen displays "**Voicemail**", the time, date and the number of new messages.

Press ⌾ key to access the following options.
- **Listen**: You can listen to the voicemail.
- **Reset**: You can reset the counter for voicemail messages, if desired. (The system resets the counter automatically after you listen to all new messages.)

Reading Page/Text Messages   *Menu 3.2*

An indexed list of page or text 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 and stored the message.

Select the desired message to review, then press ⊂OK/⊐ key. After reviewing the message, press ⊂MENU⊃ key to access the following options.

- **Talk**: calls the phone number.
- **Save**: stores the phone number in your Phone Book.
- **Next**: reviews the next message.
- **Previous**: reviews the previous message.

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

Reviewing MiniBrowser Messages   *Menu 3.3*

An indexed list of MiniBrowser 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 and stored the message.

Select the desired message to review, then press ⊂OK/⊐ key. After reviewing the message, press ⊂MENU⊃ key to access the following options. For details on **Options**, refer to the **Reading Page/Text Messages** menu **(3.2)**.

Erasing Messages   *Menu 3.4*

You can erase all page/text messages or all MiniBrowser messages after reviewing.

- **Page/Text**: allows you to erase all page/text messages.
- **Browser Msg**: allows you to erase all MiniBrowser messages.

Roaming

Your phone allows you to control your ability to roam. The roaming ability is determined by the set mode that you select in the Main Menu.

Set Mode   Menu 4.1

The following three service modes are available:

Automatic: The phone will search for for digital service first. If digital service is not available, it will search for analog service automatically.

Analog Home Only: Only analog service is available in home area.

Automatic Home Only: The phone will search for an available service automatically in home area. It will not roam and not use other systems

Analog: The phone will acquire analog service, but will revert to PCS or Automatic (depending on your setting) at the next power-up.

Call Guard   Menu 4.2

Your phone can be set to display a message when a roaming call is about to be placed or received.

Calendar

The Calendar feature enables you to:
- Write down today's event
- View the calendar and organize your schedule
- Define a list of things to do
- Set and count D-Day
- Set an alarm clock
- Check the current time for 24 major cities around the world
- Set the current time

Today's Event   Menu 5.1

This menu allows you to write a today's event and set alarm.

Writing an Event and Triggering an Alarm

1. If there is no event, you are asked to write a new event. Enter an event, then press ⊙⊙ key. For details on entering a text, refer to page 25.

2. Enter the start time of the event, then press ⊙⊙ key.

3. Enter the end time of the event, then press ⊙⊙ key.

4. You are asked to set an alarm. You are provided several time options; **10 minutes Before**, **On time**, **1 hour Before**, **30 minutes Before**. Selecting **No Alarm** does not trigger an alarm. After selecting an option, press ⊙⊙ key.

5. The display shows the entered information.

Adding, Editing, or Deleting an Event

When a stored event is displayed, press ⒨ key to access the following **Options**.

New Event: allows you to add an event on today.
Edit Event: allows you to edit the today's event.
Erase Event: allows you to delete the event.
Exit: allows you to exit the **Options**.

After you select an option, press ⒪ key. Then follow the window prompt.

Month View
Menu 5.2

The **Month View** option allows you to;
• Consult the calendar
• Write memos to keep a track of your schedule

Consulting the Calendar

When you select the **Month View** menu option (**5.2**), the calendar is displayed, with the current day highlighted with the cursor.
To move the cursor, use ⊕ or ⊗ key.
To view the previous or next month, press Ⓐ or Ⓥ key on the left side of the phone.

Writing a New Memo

To write or edit a memo on a specific date, proceed as follows.

1. Select the required date in the calendar, using ⊕ or ⊗ key.

   Note: To skip to the previous or next month, press Ⓐ or Ⓥ key on the left side of the phone.

2. Press ⒪ key.

3. Enter an new event, then press ⒪ key.

5. Enter the start time of the event, then press ⒪ key.

6. Enter the end time of the event, then press ⒪ key.

7. You are asked to set an alarm. You are provided several time options. Selecting **No Alarm** does not set the alarm. After selecting an option, press ⒪ key.

8. The display shows the entered information.

Adding, Editing, or Deleting a Memo

When a stored memo is displayed, press ⒨ key to access the following **Options**.

New Event: allows you to create a memo.
Edit Event: allows you to edit the memo.
Erase Event: allows you to delete the memo.
Exit: allows you to exit the **Options**.

After you select an option, press ⒪ key. Then follow the window prompt.

Jump To Date
Menu 5.3

The **Jump To Date** option allows you to go the desired date directly.

When you enter a date and press ⒪ key, the calendar is displayed. Then you can consult the calendar and view the date's event, if any, or create a new event. For details on writing a memo, refer to **Month View** menu (**5.2**).

To Do List

This feature allows you to draw up a list of tasks to be done.

Creating the To Do List

1. Enter a task, then press ⬅️ key.

   Note: You can enter up to 32 characters. For further details on how to enter characters, see page 25.

2. Enter a desired date and time by when the task has to be done, then press ⬅️ key.

3. Select **High** or **Low** priority using using ⬆️ or ⬇️ key. Then press ⬅️ key.

Adding, Editing and Erasing an Item

If a task is already defined in the **To Do List**, it is displayed when you select the **To Do List** menu option (**5.4**). Press ⬅️ key to access the **Options**.

The following options are available.

New Item: allows you to create a new task.

Edit Item: allows you to edit the task.

Erase Item: allows you to delete the task.

Exit: allows you to exit the **Options**.

Select an option, and press ⬅️ key. Then follow the window prompt.

Countdown

The phone counts how many days, hours and minutes are left for the day on which an important action is planned to happen or begin.
It is preset to the coming Millennium.

Writing, Editing and Erasing an Item

When you select the **Countdown** menu option (**5.5**), the defined item is displayed. Then press ⬅️ key to access the following **Options**.

Note: If there are more than one items defined in the menu, select an item with ⬆️ or ⬇️ key, and press ⬅️ key.

The following options are available.

New Item: allows you to create a new item.

Edit Item: allows you to edit the item.

Erase Item: allows you to delete the item.

Exit: allows you to exit the **Options**.

Select an option, and press ⬅️ key. Then follow the window prompt.

Alarm Clock

When your phone is turned on, you can set the 24-hour alarm to sound an alert at a set time. You set three alarms. Keep in mind that if your phone is off at the alarm set time, the alarm will not sound.

Note: In order for the alarm to work, the phone must be on, and you must be in a PCS service area or another CDMA provider's service area.

In the **Alarm Clock** menu, the **Options** are as follows:

Daily: the alarm rings every day at the same time.

No Repeat: the alarm rings only once and is then deactivated.

To set the alarm, proceed as follows:

1. Choose the alarm frequency option.

2. Enter the required time and date (if applicable).

Adding, Editing and Erasing an Item

If you select a set alarm and press (OK/⊜) key, the following **Options** are displayed:

Edit: allows you to edit the alarm.

Erase: allows you to release the alarm.

Exit: allows you to exit the **Alarm Clock** menu.

Select an option, and press (OK/⊜) key. Then follow the window prompt.

To stop the alarm when it rings, simply open the flip cover or press (END/⌽) key.

World Clock

This option allows you to check the current time for 24 major cities around the world, by using ◁ or ▷ key.

The screen shows the:
• City name
• Current time and date

Time Setting

This menu allows you to set the current date and time. Enter the current date and time, then press (OK/⊜) key.

MiniBrowser

The MiniBrowser allows you to access certain information such as stock quotes and weather via the Internet. Browsing the web via the phone is not like using your home computer. Site providers have selected only the critical aspects of their site to present to wireless phone users, and have removed most graphics.

Each time you start the MiniBrowser, the phone will connect to the PCS Nationwide Network as necessary, and the service indicator icon ($\mathcal{C}$) will appear on the display. Any time the service indicator icon is visible on the display, your phone is connected to the PCS Nationwide Network and you will be billed accordingly. Rates will vary according to your billing plan.

The MiniBrowser will end the connection after a certain period of network inactivity and will automatically re-connect as necessary. For this reason, you may find that you are billed for several network connections within a single MiniBrowser session. This is normal and is designed to minimize your bill.

Launching the MiniBrowser

This feature let you launch the MiniBrowser.

Note: The first time you use the PCS MiniBrowser, you will go through a security setup process that takes 3 to 5 minutes. Please follow the on-screen prompts to complete the security setup process. This initial setup process occurs only the first time you access the service.

1. When our phone access the MiniBrowser network, a reminder of the charge will appear. Answer yes (OK/≣) or no (MENU) simply.

2. Once connected, the Home page (or the last page visited) will be displayed. To access the Home menu page from any other menu in the MiniBrowser, press and hold CLR . An example of a Home Page is shown below:

   • SAMSUNG Phone (???)
   • Yahoo !
   • Weather
   • Portfolio
   • More Internet

3. What appears on the display when accessing the MiniBrowser is dependent on the service provider content. To view additional text, use ◯ and ◯ keys.

Exiting the MiniBrowser

Simply press END/◉ to exit the MiniBrowser. If the "Prompt to end" or "Prompt both" option is set in the MiniBrowser Setup (MENU 8TUV 7PQRS) , you will be prompted whether you want to end the browser call.

Using the Soft Keys

At the bottom of the MiniBrowser display is a solid bar which contains browser commands. "Soft" keys (⊙ⁱ⊙ and ⊙ENU) below the solid bar are used to execute the commands. These two keys are called soft keys because their function changes depending on where you are in the MiniBrowser software.

Navigating the MiniBrowser

When you use the MiniBrowser, some keys on your phone operate differently than on a normal phone call. These keys are explained below.

The MiniBrowser presents on-screen items in one of the following ways:

- Text or numeric input
- Links (embedded in content)
- Numbered options (some options may not be numbered)
- Simple text

You can act on the options or links by making use of the soft keys. The soft keys (⊙ⁱ⊙ and ⊙ENU) are located below the bottom line of the display.
Here's how the keys work in the MiniBrowser:

⊙⊙ Use the up/down keys to scroll to and select browser options. The currently selected option is highlighted. You can also use the scroll keys to move the cursor when editing text.

⊙ENU This is the right soft key. The right soft key is used primarily for secondary options, or a menu of secondary options. For more information, see "Using the soft Keys" on page 53.

⊙ⁱ⊙ This is the left soft key. The left soft key is used primarily for selecting the highlighted item, but its function may change depending on what you are doing. See "Using the soft Keys" on page 53.

⊙END Use the **END** key to exit the MiniBrowser and return the phone to Standby mode.

⊙0⊙ ⊙9⊙ If the items on a page are numbered, you can use these keys to select them.

⊙#▸ This is the right cursor key: Moves the cursor right in a text entry.

◂⊙ This is the left cursor key: Moves the cursor left in a text entry.

⊙CLR Backs you up in the browser. Pressing it once backs you up one page. Pressing and holding it backs you up to the Home page.
Clears out entered text or numbers. When entering numbers or text, press the **CLR** key to clear the last number, letter, or symbol. Press and hold the key to completely clear the input field.

⊙△⊙▽ Allows you to scroll up or down by a page. Press and hold the up portion for one second to back up one level in the browser. Press and hold the down portion for one second to go to your home page.

Entering Text, Numbers or Symbols

When you are prompted to enter text, the current text entry method will appear on the right soft key as T9word, Alpha, Symbol or Number. To change the input mode, use the right soft key.

Using the Links

Links have several purposes, including jumping to a different page, jumping to a different site, or even initiating a phone call from some sites. Links are shown inside of brackets ([ ]), and you can normally use ⊙ key to select a link when it is highlighted.

Initializing a Call from the MiniBrowser

You may initiate a phone call from the MiniBrowser if the site you are using supports this feature (the phone number may be highlighted and the left soft key will appear as "Call."). In most cases, you can also use ⊙ key to call the number. The browser connection will be terminated when you initiate the call. After you end the call, your phone will return to Standby mode.

Using Bookmarks

You can bookmark many individual pages for easy access at a later time. Bookmarks save you time by reducing the number of steps it takes to access a desired page.

To Create a Bookmark

1. Go to the page that you want to mark, and press and hold ⊙ . A list of options appears.

2. Select Mark Site.

3. If the page has a title, it will be automatically used for the name of the bookmark. You can also change the bookmark name. Selecting **Save** will save the name and add the page to your list of bookmarks.

4. A message will appear confirming that the bookmark was added to the list. Select ⊙ key to return to the screen that you marked to resume navigation within the MiniBrowser. The new bookmark is added to the bottom of your bookmark list.

Voice Dial

You can call up to 20 stored entries by speaking the name into the microphone. Before using the Voice Dialing feature, you must record the name in your phone.

Note: Voice Dialing does not work when your phone is in analog mode.

Record
<div align="right">*Menu 7.1*</div>

This option allows you to register numbers for subsequent voice dialing. The phone provides voice prompts and screen displays to guide you through the recording process.

Respond to the prompt by saying the name you want to save. The phone stores the name as a first sample, and then prompts for the name again.

Respond to the prompt by repeating the name after the beep. The phone stores the name as a second sample, and then requests the phone number.

Enter the phone number by pressing the digit keys.

To store the phone number, press 🔘 key. The name (if matched up to Phone Book) and number display, along with the notification **Recorded**.

Tips on Recording Name

- Avoid recording similar names phonetically. If you record a similar name to the one already in memory, the phone requests another name.

- Speak clearly and naturally.

- The person who will use the phone should record the name. The phone does not recognize the name if the voice sounds differently.

- Avoid too long or too short name. It is recommended to contain 2 to 5 syllables.

- If this feature does not work properly, erase the name, and record with another name.

- It is recommended to practice several times to obtain best result.

- You can record up to 20 names. If you try to record more than 20, the phone announces 'Memory is full'.

Review
<div align="right">*Menu 7.2*</div>

This option allows you to check or erase an individual voice dial entry. A list of entries displays.

Press the digit key to select the desired entry, or press 🔘 or 🔘 key to scan entries.

When you select the desired entry, the recorded name plays audibly.

If you want to erase the selected entry, press 🔘 key while the name is playing.

Erase All
<div align="right">*Menu 7.3*</div>

This option allows you to delete all voice dialing entries.
Press ⊙ key, when you asked to confirm. Otherwise, press
ⓒ or ⓔ key to exit this menu without deleting the
voice dialing entries.

Set Active
<div align="right">*Menu 7.4*</div>

Voice Dialing is always active once you have recorded a name
and have entered the associated phone number. To place a
call using Voice Dialing, simply press and hold ⓢ key in
the idle mode and then say the name into the phone after you
hear the prompt.

You can also initiate a Voice Dialing call just by opening the
flip, when you select this option.

Talk Only: Enables Voice Dialing only by pressing and holding
ⓢ key.

Talk/Flip: Enables Voice Dialing by pressing and holding
ⓢ key or by opening the flip.

▌ Setup/Tool

Many different features of your phone can be customized to
suit your preferences.

Sounds
<div align="right">*Menu 8.1*</div>

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

Ringer Volume

This option allows you to adjust the ringing volumes of Calls,
Messages and Alarm. You can set each volume to **High**,
Med, or **Low**. Selecting **Off** does not sound the ring volume.
And selecting **Vibrate** switches the phone to the Vibration
mode. Use ⊙ or ⊙ key (or ⊙ or ⊙ key on the left side
of the phone).

Note: While the ringer sounds, you can mute the ringer by
pressing ⓔ key.

Ringer Type

This option enables you to set a unique ring type for voice
calls, messages, fax/data or alarms.

Voice Calls: allows you to set a unique ring type for incom-
ing voice calls. Also, by selecting different
tones, incoming voice calls which have caller ID
can be distinguished from those that do not.

Messages: allows you to have distinct ring types for voice-
mail notifications, text messages and numeric
pages.

Alarms: allows you to have distinct ring types for alarms.

Data/Fax In: allows you to have distinct ring types for
incoming data or fax.

Key Beep

This option allows you to adjust the tone volume that the
keypad generates when you press a key.

Tone Length

Some phones you call can recognize only longer tones. You
may have to change the length to **Long** for some calls. When
calling a paging system, your phone should be in the **Short**
mode.

Alerts

MinuteBeep: With this menu option set to **ON**, the phone
beeps every minute during an outgoing call to
keep you informed of the duration of your call.

Service: With this menu option set to **ON**, the phone beeps
when you exit service area or when you return to a
service area.

Roam Ringer

This option enables you to select a unique ring type for
incoming roaming calls. Press the scroll keys to choose
Distinctive or **Normal**. Each tone sounds as you scan the
options.

Display

Backlight

When the phone is attached to the optional Hands-Free Car
Kit, the backlight remains on (when the phone is on). When
KeyGuard is active, the backlight remains off. At other times,
you can select backlight options, but remember that backlight
use drains your battery faster.

The following options are available:
8 Seconds, Off, Always On, 30 Seconds

Greeting

You can create and display a 10-character personal greeting
that displays in Standby mode.
Press and hold ⊙ key to erase the existing greeting. Enter
your personal greeting by pressing the alphanumeric keys on
the keypad, then press ⊙ key.

Contrast

The menu allows you to change the contrast (or brightness)
easily.
The following options are available:
Highest, Low, Lowest, Med High

Version

The menu allows you to view the software and hardware ver-
sions of your phone. This feature is helpful if you need to call
customer care.

Data/Fax In *Menu 8.3*

Your phone can receive and send a fax or data file.

Note: The phone must be on a digital network to receive or
send fax and data.

The following options are available:

Off: Voice Call Only: Your phone receives only voice calls.

Incoming Fax Only: Your phone receives fax only.

Incoming Data Only: Your phone receives data only.

When you select an option and press ⬬ key, the display
shows your phone mode.

Note: Once you have set your phone's mode to "**Incoming
Fax Only**" or "**Incoming Data Only**", you cannot receive
regular voice calls until you change back to "**Off: Voice
Call Only**".

To Receive a fax or data, ensure that your phone is connected
to your PC and is powered on and select a desired option.

In the Fax program on your PC, setup the Answer mode. Click
on "Receive" and select one of the following:

- Automatic Receive (recommended)
- Manual Receive

Security *Menu 8.4*

Your phone provides many security options, including a
user-programmable lock code and call restriction features.

Locking the Phone

The menu allows you to lock the phone.

The following options are available:

Unlocked: The phone remains unlocked.

On Power-Up: The phone locks automatically the next time
your phone is powered on and stays locked
until the lock code is entered.

Lock Now: The phone locks immediately and stays locked
until the lock code is entered.

Changing the Lock Code

The default lock code for your phone is 0000. You can enter a
personal lock code, and then change the lock code as often as
you like.

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.

Special Numbers

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

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

Select a location for the special number, then enter the special number. Then press ⊙ key to save the setting.

To dial a special number in lock mode, enter the special number by dialing it as you normally would use the digit keys. Then press ⊙ key to call.

Erase the Phone Book

This menu allows you to erase all numbers in the Phone Book memory.

Resetting Your Phone

Resetting the phone erases all Phone Book entries, incoming messages, call logs, special numbers, and returns all saved options to the default settings.

Call Answer   *Menu 8.5*

This menu allows you to select an answer when an incoming call comes. It is preset to **Clam Open**.

The following options are available:

Clam Open: The phone answers when you open the phone.

TALK key: The phone answers when you press ⊙ key.

Any key: The phone answers when you press any key except ⊙ key.

Auto Answer   *Menu 8.6*

With this menu set to **Car Kit Only Yes**, your phone answers incoming calls automatically. The feature activates only when the phone is connected to the car kit.

The following options are available:

Car Kit Only Yes: When an incoming call comes in, the phone receives the call automatically after ringing two times.

Car Kit Only No: When an incoming call comes in, your phone does not answers the call until you receive the call.

MiniBrowser

Each time you start the PCS MiniBrowser, you will view a reminder that you will be billed for the connection time. You have the option to change if and when this message appears.

The following options are available:

Prompt to start : The default setting. You will see the prompt when you enter the browser, but not when you exit it.

Prompt to end: You will see the prompt only when you exit the browser.

Prompt both: You will be prompted when you enter or exit the browser.

Prompt none: You will never see the prompt.

Language

Your phone can display all menus and messages in either **English** or **Spanish**. It's quick and easy and very convenient for bilingual families or friends.

When the desired option displays, press 🔘 key to save the setting. The change is immediate and affects all menus and screens.

Calculator

Using this feature, you can use the phone as a calculator. The calculator provides the basic arithmetic functions: addition, subtraction, multiplication and division.

Using the Calculator

1. Enter the first number using the numeric keys.

2. Press 🔘 or 🔘 key key until the required arithmetic symbol appears: + (add), - (subtract), x (multiply), / (divide).

3. Enter the second number.

4. To calculate the result, press 🔘 key.

5. Repeat step 1 to 4 as many times as required.
   Note: To erase any mistakes and clear the display, press 🔘 key.

Accessories

Batteries

Three types of Li-ion batteries are available for use with your phone:
- STANDARD Battery
- EXTENDED Battery

Cigarette Lighter Adapter

The Cigarette Lighter Adapter charges your phone in a vehicle while you drive and enables you to operate the phone from a vehicle cigarette lighter socket.

Travel Charger

The Travel Charger plugs into a wall outlet and enables you to charge a single battery at your home or office or while traveling.

Hands-Free Car Kit

The Hands-Free Car Kit provides safety, freedom and convenience in your vehicle. (Kit includes Cradle and Microphone.)

Ear-Microphone

The Ear-Microphone includes both the earpiece and microphone in a convenient, lightweight unit.

RS-232C Cable

The RS-232C Cable connects your SPH-T100 to your computer port, allowing you to use Internet or other communication programs.

Using the Batteries

Your phone is powered by a rechargeable Li-ion 1000 mAh standard battery.

The following batteries are also available (ask your SAMSUNG dealer for further details):
- STANDARD Battery (1000 mAh)
- EXTENDED Battery (1400 mAh)

Precautions When Using Batteries

- Never use any charger or battery that is damaged in any way.

- Use the battery only for its intended purpose.

- If you use the phone near the network's base station, it uses less power; talk and standby times are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.

- Battery charging times depend on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.

- If left unused, a fully charged battery will discharge itself over time.

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

- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.

- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and life-time of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F).

- Do not short-circuit the battery. Accidental short circuiting can occur when a metallic object (coin, clip or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the back of the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuit.

- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

Safety Information

Road Safety

- Remember, road safety always comes first!

- Do not use a hand-held phone while driving a vehicle. Always park the vehicle before having a conversation.

- Make sure that the phone is stored safely and will not fall or be broken in the event of a collision or emergency stop.

- The use of an alert device to operate a vehicle's lights or horn on public roads is not permitted.

- Only qualified personnel should install or service the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the unit.

- Electronic fuel injection, anti-skid braking, electronic cruise control or any other electronic systems may malfunction due to the lack of protection from radio signals. Check regularly that all cellular phone equipment in your vehicle is mounted and operating correctly.

Operating Environment

- Remember to 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).

- Operation of any radio transmitting equipment, including cellular phones, may interfere with inadequately protected medical devices. Consult a physician or the manufacturer of the medical device if you have any questions. Other electronic equipment may also be subject to interference.

- As with other mobile radio transmitting equipment, you are advised that for satisfactory operations and personal safety, the equipment should only be used in the normal operating position.

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

- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.

- Switch off your cellular phone when in an aircraft. The use of cellular phones in an aircraft is illegal and may be dangerous to the operation of the aircraft or disrupt the cellular network. Failure to observe these instructions may lead to the suspension or denial of cellular telephone services to the offender, legal action or both.

Care and Maintenance

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

- Keep the phone and all its parts and accessories out of the reach of small children.

- Keep the phone dry. Precipitation, humidity and liquids containing minerals will corrode the electronic circuits.

- Do not use or store the phone in dusty, dirty areas as its components may be damaged.

- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries and warp or melt certain plastics.

- Do not store the phone in cold areas. When the phone warms up (to its normal temperature), moisture can form inside the phone, which may damage the electronic circuits.

- Do not attempt to open the phone. Non-expert handling of the phone may damage it.

- Do not drop or knock the phone. Rough handling may damage the internal circuits.

- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in mild, soapy water.

- If the phone or any of its accessories are not working properly, take them to your nearest qualified service centre. The personnel there will assist you, and if necessary, arrange for the phone to be repaired.

Emergency Calls

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

Remember, to make or receive any calls, the phone must be switched on and in a service area with adequate cellular signal strength.

Emergency calls may not be possible on all cellular phone networks or when certain network services and/or phone features are in use. Check with local cellular service providers.

Glossary of Terms

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

Antenna - A device for transmitting or receiving signals. The size and shape of antennas is determined, in part, by the frequency of the signal they receive. Wireless phones and the base station must have antennas.

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 conversion is digitized and then tagged with a code. The mobile phone deciphers 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 - Communications signals transmit along paths called channels.

Codec - Compression & Decompression.

Deactivation - The process of rendering a wireless phone inactive.

DTMF - (Dual-tone Modulated Frequency) You send DTMF signals when you enter numbers by pressing the digit keys.

EVRC - (Enhanced Variable Rate Codec) EVRC is a new global standard for compressing and decompressing voice signals. EVRC uses a lower bit rate (the number of bits sent per second) than existing CDMA vocoders, while providing significant improvements in voice quality. This technology enables your phone to provide superb voice quality while benefiting from the ability to process more cellular voice calls using less bandwidth than the voice codecs in CDMA networks today.

Frequency - A measure based on time, as one or more waves per second, in an electrical or light wave information signal. A signal's frequency is stated in 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.

LCD - (Liquid Crystal Display) Commonly used to refer to the screen display on the wireless phone.

LED - (Light Emitting Diode) Commonly used to refer to a small light on the wireless phone or on the Desktop Charger. The LED lights on the phone to indicate an incoming call. The lights on the charger to indicate that battery charging is taking place.

Prepend - The addition of a prefix, such as an area code, to a phone number.

RF - Radio Frequency

Roaming - The ability to use a wireless phone to make and receive calls in places outside of the home 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)

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

Vocoder - Voice Coder. 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, of an incoming call or message. (Also called voice messaging)

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