

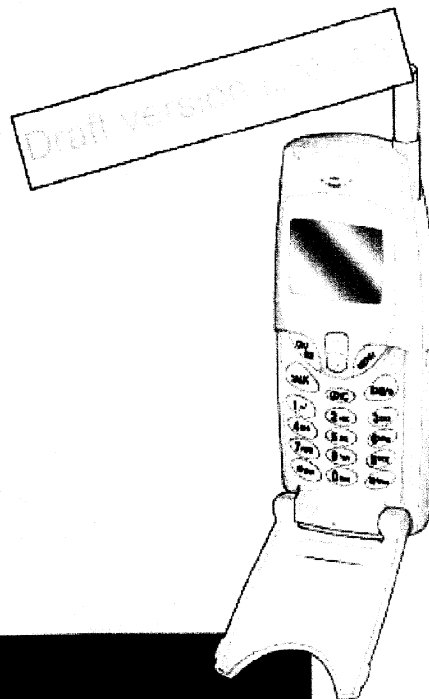
CONFIDENTIAL

SAMSUNG

PORTABLE CELLULAR
TELEPHONE
SCH-N170
User's Manual

SAMSUNG

ELECTRONICS



World Wide Web
<http://www.samsungmobile.com>

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CC RF EXPOSURE INFORMATION

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

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

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

Body-worn Operation

This device was tested for typical body-worn operations using the optional belt-clip/hostler placed 0.8 inches (2.0cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.8 inches (2.0cm) must be maintained between the user's body and the phone, including the antenna, whether extended or retracted. The use of third-party belt-clips/ hostlers with no metallic components that provide the minimum separation distance of 0.8 inches (2.0cm) can be used to satisfy FCC RF exposure requirements. The use of non-tested accessories or other body-worn operations may not comply with FCC RF exposure requirements and should be avoided. Contact your local dealer for optional accessory items.

Vehicle Mounted External Antenna (optional, if available)

A minimum separation distance of 1.9 inches (20cm) must be maintained between a person and the vehicle mounted external antenna to satisfy FCC RF exposure requirements.

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

SAR Information & FCC ID Labeling

THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 0.0000 and when worn on the body, as described in this user guide, is 0.0000. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fcc/id> after searching on FCC ID XXX XXXX.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow.com> (see note).

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Note: The URL <http://phonefacts.net> may be used in place of <http://www.wow.com> for direct access to SAR information.

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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 xx.

Road safety comes first

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

Switch off when refuelling

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

Switch off in aircraft

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

Switch off in hospital

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

Respect special regulations

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



Your Phone

Interference

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

Use qualified service

Only qualified service personnel must install or repair cellular equipment.

Use sensibly

Use only in the normal position (to ear). Do not touch the antenna unnecessarily 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.

Unpacking

Your package contains the following items.

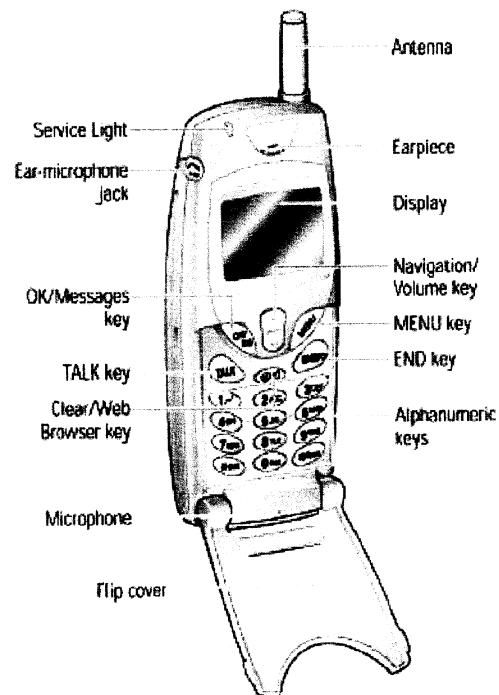


In addition, you can obtain the accessories for your phone from your local SAMSUNG dealer. For information on the accessories, see page xx.

Your Phone

Phone Layout

The following illustration shows the main elements of your phone:



Keys Functions



In the menu facility, confirms the selection and input.
In Standby mode, enters the Messages menu.



Enters the main menu facility.
In the menu facility, displays the options.



In the menu facility, scrolls through the menu options and phone book memory, and selects a menu function.
In Standby mode, adjust the ringer volume.
During a call, adjust the earpiece volume.



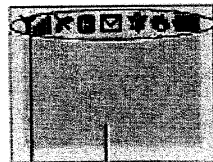
Makes or answers a call.
In Standby mode, recalls the last number dialed.
When pressed and held in Standby mode, allows you to make a voice dialing call.



Deletes characters from the display.
In the menu facility, returns to the previous menu level.
When pressed and held in Standby mode, quickly launches the web browser.

CONFIDENTIAL

Your Phone



Your Phone

Yall



Keys

Functions

Ends a call. Also switches the phone on and off when pressed and held.
In the menu facility, cancels your input and returns to Standby mode.

Enters numbers, letters and some special characters.

Use these keys for various purpose in different functions.

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:

Icons Text and graphic area

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

Service: Appears when a call is in progress.

No service indicator: Appears when you are outside a service area. When it appears, you cannot make or receive calls. Wait a little while for a signal or move into an open area.

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

New Message: Appears when a new message has been received.

Analog mode: Indicates your phone is operating in analog mode.

Vibrator on: Appears when the ringer is set to VIBRATE. An incoming call will vibrate the phone rather than ring it.

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

2000-000000

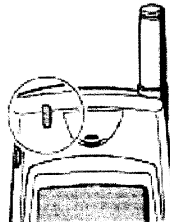
Backlight

The display and keypad are illuminated by a backlight. When you press any key, the backlight illuminates. It turns off if no key is pressed within a given period of time, depending on the Backlight option set in the Display menu. The backlight remains on at all times when the phone is connected to a Hands-Free Car Kit (optional).

To specify the length of time for which the backlight is active, set the Backlight menu option (9.1.1); see page xx for further details.

Service light

The service light is at the top right of the phone. It flashes to indicate incoming call or message. Also, the service light flashes for a few seconds when you turn on the phone.

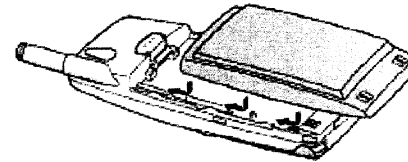


Getting Started

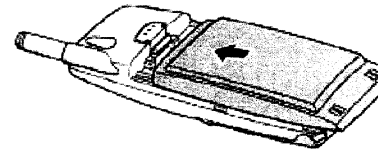
Installing Battery

To install the Battery

1. Insert the tab on the base of the battery into the notches on the base of the phone, as shown.

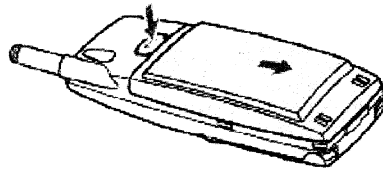


2. Push the battery toward the top of the phone until it snaps into place.



To Remove the Battery

1. If necessary, switch off the phone by pressing and holding down .
2. Slide the catch toward the top of the phone and hold it in the position. (①), then lift the battery away (②).



Charging a Battery

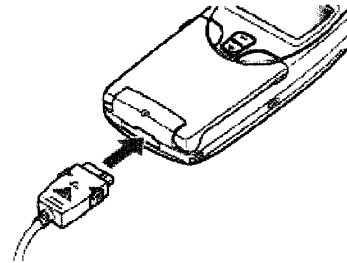
Your phone is powered by a rechargeable Li-ion battery.

A travel charger is provided with your phone. Use only Samsung-approved batteries and chargers. Ask your local SAMSUNG dealer for further details. The phone can be used while the battery is charging.

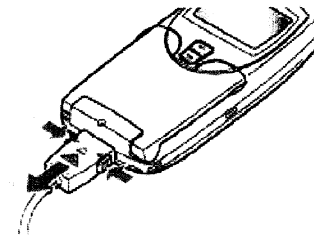
Note: You must fully charge the battery before using your phone for the first time. A discharged battery is fully recharged in approximately 180 minutes.



1. With the battery in position on the phone, connect the lead from the travel charger to the jack on the bottom of the phone.



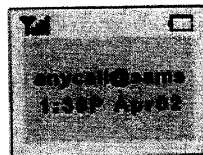
2. Plug the power cord of the charger into a standard wall outlet.
3. When charging finished (the Battery Strength icon gets full of the bars), disconnect the charger from the power outlet and remove it from the phone by squeezing the two tabs on the lead (①) and unplugging the lead (②).



Getting Started

Low Battery Indicator

When the battery charge level is almost empty and only a few minutes of talk time remain, an empty battery icon (no bars displayed) blinks in the upper right corner of the screen. You will hear a warning tone.



When the battery becomes too weak for the phone to operate, it switches off automatically with the warning message "LOW BATTERY WARNING! Phone turning Off".

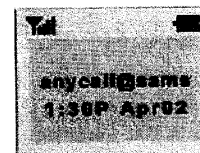


Getting Started

Switching the Phone On/Off

1. Open the flip cover.
2. Press  to switch the phone on.

The service light of the phone flashes, and 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 phone is out of service, the  icon appears in the display. In this case, you cannot place and receive calls. You can try again later when service is available.
 - If your phone is locked (**Menu 9-2-1** on page xx), "- Locked -" displays. Press  and enter the four-digit lock code to unlock the phone.
3. When you wish to switch the phone off, press and hold down  until the power off animation begins to play.



Getting Started

WARNING!

Do not switch on the phone when the mobile phone use is prohibited or when it may cause interference or danger.

Note: Your phone has a built-in antenna. As with any other radio-transmitting device, do not touch the antenna unnecessarily when the phone is switched on. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

Your Phone's Modes

Standby Mode

Standby is the most basic state of your phone. The phone goes into Standby mode soon after you turn it on, or whenever you briefly press . When your phone is in Standby mode, you will typically see the greeting message and current date and time. If you enter a phone number, you can press  to dial it, or press  to save it in the Internal phone book.

Press  at any time to return to Standby mode. Be careful; if you are on a call when you press , you will return to Standby mode, but it also disconnects the call. Press  several times or hold it down to return to Standby mode without ending the call.

Getting Started

Talk Mode

You can place and answer calls only when your phone is turned on. During a call, the phone is in Talk mode. While you are in Talk mode, pressing  gives you a list of options referred to as "In-Use options." See page xx for details on the options.

Power Save Mode

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

Call Functions

Making a Call

In Standby mode, enter the area code and phone number, and press . The phone places the call to the entered phone number.

When entering the phone number, pressing allows you to access the Dial options.

Talk: dials the phone number.

Save: allows you save the phone number you entered in the Phone Book.

Find: allows you to find the phone number from the Phone Book.

Hard Pause: allows you to enter a hard pause. See page xx for details on pause dialing.

2sec Pause: allows you to enter a 2-second pause. See page xx for details on pause dialing.

Notes:

- When you enter the numbers used for memory location (1 through 230), **Speed Dial** option is available. See page xx for details on speed dialing.
- When you enter the four digits, **4-Digit Dial** option is available. Using this option, you can find the stored number using the four digits which the number contains and dial it. See page xx for details on 4-digit dialing.

Call Functions

Correcting the Number

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

Ending a Call

When you have finished your call, briefly press . The call time (length of call) displays with the name (if saved in phonebook) and number of the call party.

If the number is no stored in your Phone Book, your phone prompts you to save the number. Press to save the number. If you do nothing, the phone automatically returns to Standby mode after about ten seconds.

Or, close the flip cover.

Call Functions**Emergency Dialing**

You can place calls to 911, *911, #911 or one of the three numbers in your special number list even if your phone is locked. For more details on special numbers, see page xx.

To dial emergency number in Lock mode, enter the desired one of the emergency numbers and press .

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. 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  to access the options.
3. Press  to select **Prepend**, or press  or  to scroll to the Prepend option and press the key.
4. Enter the area code or feature code.
5. When the correct number displays, press  to dial the number.

**Call Functions****Redialing Last Number**

To redial the last number you called, press  twice.

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

1. If necessary, press  to return to Standby mode.
2. Press  to access the list of last-dialed numbers.
3. Press  or  to scroll through the Redial list until the required number is displayed. Then press  to dial the number displayed.

Speed Dialing from Phone Book Memory

Once you have stored phone numbers in the phone book memory (001 through 230), you can dial them easily whenever you want. See page xx for details on storing phone numbers.

One-Touch Dial

Memory locations 001 through 009 are special one-touch locations. Press and hold the last digit of the memory location containing the number to be dialed.

For example: Location no. 009

Press  and hold.

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



Call Functions

Two-Touch Dial

Memory locations 010 through 099 are special two-touch locations. Press the second digit briefly, then hold down the third digit of the memory cell.

For example: Location no. 023

Press  and hold down .

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

Three-Touch Dial

Memory locations 100 through 230 are special three-touch locations. Press the first and the second digit briefly, then hold down the third digit of the memory cell.

For example: Location no. 129

Press  and  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 (The first-saved number is automatically set as the speed dial number for the location.). For details, refer to Options in "Find Name" under **Phone Book** menu on page xx.



Call Functions

Pause Dialing

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

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

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

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

Storing Pauses in a Phone Book Entry

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

1. Enter the phone number you want to store (such as the bank's teleservice phone number).
2. Press . The Dial options display.



Call Procedures

3. Press  or  to enter the desired pause.
 - Press  for **Hard Pause**. The letter "p" displays in the number, meaning that a hard pause will occur at that point in the dialing sequence.
 - Press  for **2sec Pause**. The letter "T" displays in the number, meaning that a "Timed" pause will occur at that point in the dialing sequence.
4. Enter the digits that need to follow the pause (such as your account number).
5. Store the number in your Phone Book as you normally would by pressing  and following the screen prompts.

Pause Dialing from a Stored Phone Book Entry

1. Dial the number from the Phone Book.
2. If you stored the number using a two second pause(s), your phone transmits the number that follows the "T" pause two seconds after connection.

If you stored the number using a hard pause(s), wait for the appropriate prompt from the number you are calling (credit card number, back account number, etc.). When prompted, press  to send the DTMF number that follows your hard pause.

3. "SENDING DTMF" flashed on the display and the transmitted tone sounds.

Call Functions**Manual Pause Dialing**

You can enter pauses manually using the Dial options during the dialing process.

1. Enter the phone number of the service you want to call (such as a bank's teleservice phone number).
2. Press  to display the Dial options.
3. Press  for **Hard Pause**. The phone displays a "p" meaning a hard pause. Enter the number to be sent after the pause and then press . After connecting, press  again to transmit the additional number.

Press  for **2sec Pause**. The phone displays "T" meaning a timed pause. When prompted, Enter the number to be sent after the pause and then press . The phone transmit the number that follows the pause two seconds after connection.

Call Functions**Four-Digit Dialing**

This feature allows you to enter any four consecutive digits of a stored phone number, have your phone remember the rest of the number and then dial the entire number for you. This feature is convenient if you have the number memorized, but you have forgotten what Phone Book location the number is stored in.

1. Enter any four digits of a phone number that you have stored in Phone Book.
2. Press . The phone automatically dials the entire number.

You can also press , scroll to **4-Digit Dial** by pressing  or  then press .

Note: If your Phone Book has more than one phone number stored that contains the four digits, "Wait" displays and all numbers containing those four digits will be listed. Scroll through the listed phone numbers using  or  to select the desired number.

Call Functions**Voice Dialing**

Before using the Voice dialing feature, you must record the name and number in your phone using the **Voice Dial** menu. For further details, see page xx.

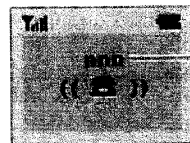
Note: The voice dialing feature does not work when your phone is in analog mode.

1. To place a call, press and hold , or open the flip, depending on the **Set Active** menu option (B-4). See page xx.
2. At the voice prompt, say the name into the microphone.
 - 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** is displayed. Try the call again later, or check the recorded name.
3. The phone dials the corresponding number.

Call Functions

Answering a Call

When somebody calls you, the phone rings and the phone icon in the middle of the screen flashes.



Caller's name or number

If the caller can be identified, the caller's phone number (or name if stored in your phone book) is displayed. If the caller cannot be identified, only the phone icon flashes.

1. If necessary, open the flip and press to answer a call.

If the the **Call Answer** menu option (9.3) is set to **Flip Open**, you can answer a call simply by opening the flip cover.

If the the **Call Answer** menu option is set to **Any Key**, you can answer a call by pressing any key except . For details on the Call Answer menu, refer to page xx.

2. End the call by closing the phone or pressing .

Note: You can answer a call while using the Phone Book or menu features. Your setting will be interrupted.

Call Functions

Caller ID Display

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

Note: You may need to contact your service provider to setup the Caller ID service.

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

1. Press . . .
2. Enter the phone number, and then press .

To activate the Block Own Number feature permanently, call the customer care by pressing . .

To temporarily unblock the number:

1. Press . . .
2. Enter the phone number, and then press .



Call Functions

Viewing Missed Calls

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

Press  to call the displayed number, or  to save the number in Phone Book.

To view the missed calls, refer to "Missed" (Menu 1.3) on page xx.

Dropped Calls

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

Press  to clear the message and return to Standby mode.

Failed Calls

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

Press  to clear the message and return to Standby mode.

Call Functions

In-Use 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 In-Use Menu Options are network services.

Press  during a call to choose some or all of the following In-Use 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. Refer to page xx for more details.

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

Phone Book: allows you to access the **Phone Book** menu (Menu 3).

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

Version: shows information on your phone's software version.

Call Functions**Call Waiting**

This feature allows 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 your service provider to activate the Call Waiting feature.

To answer a Call Waiting call:

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

To disable Call Waiting on your next call:

Press  ,  ,  before dialing the number. When you complete your call and hang up, the Call Waiting feature automatically turns back on.

To disable Call Waiting permanently:

Call the Customer Care by pressing  ,  , .

Call Functions**Call Forwarding**

This feature allows you to forward all of your incoming calls to another phone number, even if your phone is switched off. When Call Forwarding is used, you can still make calls from your phone. Contact your service provider to activate the Call Forwarding feature.

To use Call Forwarding:

1. Press  ,  , .
2. Enter the phone number (1 + area code + phone number) to which your calls should be forwarded.
3. Press . You will hear a tone that confirms you've enabled Call Forwarding.

To disable Call Forwarding:

Press  ,  ,  ,  , . Once again you will hear a tone that confirms Call Forwarding is disabled.



Three-Way Calling

This feature allows you to talk with two different person at the same time. You will be charged normal air time rates for each of the two calls and your phone records each called party in the Outgoing Call log. Contact your service provider to activate the Three-Way Calling feature.

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

1. During a conversation, press . The phone places the other party on hold.

You can also press  and scroll to **3-Way Call** using  or .

2. Enter the phone number for the third party, and then press  again.
3. When the third party answers, press  again to begin your three-way call.

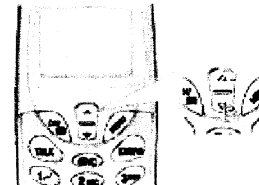
Using the Display Notepad

Your phone has a really convenient feature for entering a phone number while on a call as if it were a note pad.

Say you are talking to a friend who wants to give you a phone number. Just enter the number using the keypad, and the number appears on the display. Then, when you hang up, the number remains in the display so that you can press  to be immediately connected to that party, or press  and follow the prompts to store the number into your phone book.

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  to increase and  to decrease the volume.



In Standby mode, you can adjust the ring volume using these keys. You can set ring to **OFF**, **VIBRATE**, **1-BEEP**, **LOW**, **MED**, or **HIGH**. For details on the ring volume, see page xx.

Entering Text

When using your phone, you will need to enter text at many times. For example, when storing a name in the Phone Book, creating your personal greeting or scheduling events in your calendar. You can enter alphanumeric characters into your phone by using your phone's keypad.

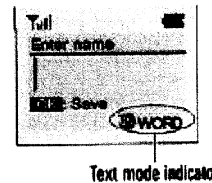
You are provided with the following text input modes:

- **T9(English):** This mode allows you to enter English words with only one keypress per letter. Each key on a keypad has more than one letter - a single press on **2** could be J, K or L. The T9(English) mode automatically compares your key presses to an internal linguistic database to determine the correct word. The T9(English) mode requires far fewer keystrokes than the traditional multi-tap method. Alpha mode.
- **Alpha:** This mode allows you to enter letters by pressing the key labeled with the desired letter once, twice, or three times until the letter appears on the display.
- **Symbol:** This mode allows you to enter special characters.
- **Number:** This mode allows you to enter numbers.

Recording Status

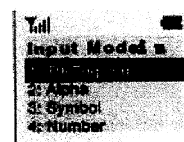
Changing Text Input Mode

When you are in a field that allows characters entry, you should notice the text input mode indicator in the lower right corner of the display.



You can change between **T9(English)** and **Alpha** mode to enter words. To include a symbol or number(s) between characters, **Symbol** and **Number** modes are also available. To change to another text input mode:

1. Press **2**.



2. Scroll to the desired mode by pressing **↑** or **↓**.
3. To select the mode highlighted, press **2**.

Entering Text

4. You will find the selected text input mode indicator in the bottom right corner of the display:

- T9(English) mode → T9WORD, T9Word, or T9word
- Alpha mode → ABC, Abc, or abc
- Number mode → 123
- If you select Symbol mode, symbol input screen appears.

Directions for using each of the text input modes appear later in this section.

Note: If you want to exit the menu without changing the mode, press .

T9(English) Mode

To type a word, press keys corresponding to the letters you need. Remember the following as you are typing:

1. Press keys on the handset just once per desired letter. For example, to enter 'hello', press , , , , .
2. The word you are typing appears in the display. It may change with each key press.
3. Type to the end of the word before editing or deleting any keystrokes.
4. Complete each word with a space by pressing .



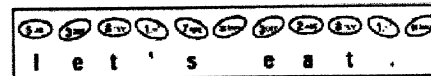
Entering Text

If the word that appears in the display is not the word that you desire, press  one or more times to display alternate word choices for the keys you have typed. (For example, 'of' and 'me' both shares the sequence , . The phone displays the most commonly used choice first.)

To type words not found in the T9 mode, change the text input mode to Alpha mode. Word typed in Alpha mode are automatically added to the T9 dictionary so you can type them using T9(English) mode the next time.

Smart Punctuations

Period, hyphen, and apostrophe are available on . T9 applies rules of grammar to insert the correct punctuation. Notice that  is used twice in this example to display two punctuation marks:



Including a Number

You can include a number between letters without exiting the T9 input mode. Press and hold the desired number key.



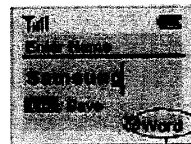
Entering Text

Changing Case

Your phone offers three shift states:

- **Word** (initial letter is capitalized)
- **WORD** (all letters capitalized)
- **word** (all letters lower case)

Press **Shift** one or more times to display the appropriate shift indicator, and begin typing normally.



Shift indicator

Scrolling

To scroll through alternate word choices for the keys you have entered, press **Shift**.

Clearing Letters and Words

Press **Backspace** one or more times to clear letters to the left. Press and hold **Backspace** to erase the whole words.

Entering Text

Alpha Mode

When typing in Alpha mode, you should press key labeled with the required letter:

- Once for the first letter
- Twice for the second letter
- And so on.

For example, you press **C** three times quickly to display the letter "C". **C** two times quickly to display the letter "K". So, this method is called Multi-tap typing.

Refer to the table on next page for the list of characters assigned on each key.

List of characters available:

Key	Characters in the Order Displayed
1-2	1 . - ? ' : @ () ! / \ . [] " < > \$ % _ = + & #
2 ABC	A B C 2
3 DEF	D E F 3
4 GHI	G H I 4
5 JKL	J K L 5
6 MNO	M N O 6
7 PQRS	P Q R S 7
8 TUV	T U V 8
9 WXYZ	W X Y Z 9
0	0

(Caps Lock mode)

Entering Text

To shift the case of the next letter(s) that you type, press  one or more times. There are three shift states: Lower Case is indicated by abc in the right corner of the display, Initial Capital is Abc, and Capitals Lock is ABC.

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.

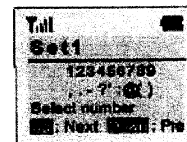
If you enter a specific word in this mode the first time, the word is automatically added to your phone's database, and offers the new word as an option for its keystroke sequence when you are in the T9 mode.

- Press  to insert a space.
- Press  one or more times to clear letters to the left. Press and hold  to erase the whole words.

Notarizing Trusts

Symbol Mode

Symbol mode enables you enter symbols into a text message.



Press or to display more symbols in Set 2 or Set 3.

Press keys corresponding to the desired mark, then the phone automatically switches back to the text entry mode used just prior to selecting the Symbol mode.

Number Mode

Number mode enables you to enter numbers into a text message. Press keys corresponding to the desired digits, and manually switch back to text entry mode of choice.

Using the Menus

The phone offers a range of functions that allows you to tailor the phone to your needs. These functions are arranged in menus and submenus.

The menus and submenus can be accessed by scrolling or using the shortcuts.

Accessing a Menu Functions by Scrolling

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

To...	Then press...
Enter the menu facility	
Scroll to the desired menu	 or 
Move to the previous or next option	 or 
Enter the menu displayed or the highlighted option	
Move back to the previous menu level	
Exit the menu facility without saving the setting	

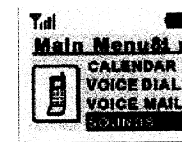
Using the Menus

Example: Turning the Service Alert on

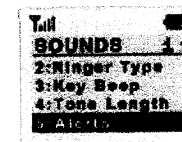
1. In Standby mode, press  to access the menu facility.



2. Scroll to **Sounds** by pressing  repeatedly. Press  to enter the menu.



3. Scroll to **Alerts** by pressing  repeatedly. Press  to enter the menu.

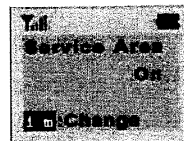


Navigation Keys

4. Scroll to **Service** by pressing  repeatedly. Press  to enter the menu.



5. Select **On** by pressing  or  and press  to save the setting.



6. The phone automatically returns to Standby mode.

Navigation Keys

Accessing a Menu Functions by Using its Shortcut

The menu items (menu, submenus and setting options) are numbered and can be accessed quickly by using their shortcut number.

1. In Standby mode, press .
2. Within three seconds, key in the first digit of the shortcut number. Repeat this for each digit of the shortcut number.

Example: Accessing the **Service** alert menu

Press  and key in , , .

MENU for entering the menu facility, **8** for Sounds, **5** for Alerts, **2** for Service.

3. Press  or  to scroll to the desired setting, and press  to confirm the chosen setting.

Note: The shortcut numbers assigned to each menu function are indicated on the list on page xx.

1-800-333-3333

1-800-333-3333

List of the Menu Functions

The list shows the menu structure available and indicates the:

- Number assigned to each option
- Page on which you can find a description of each feature

1. CALLS

- 1-1: Outgoing
- 1-2: Incoming
- 1-3: Missed
- 1-4: Erase Logs
 - 1-4-1: Outgoing
 - 1-4-2: Incoming
 - 1-4-3: Missed
 - 1-4-4: All
- 1-5: Air Time
 - 1-5-1: Last Call
 - 1-5-2: Total
 - 1-5-3: Erase Total
 - 1-5-4: Lifetime

Page xx



2. WIRELESS WEB

- 2-1: Messages
 - 2-1-1: InBox
 - 2-1-2: OutBox
- 2-2: Web Alert
- 2-3: Launch Browser
- 2-4: Connection
- 2-5: Web Guard
- 2-6: Erase Messages

Page xx



3. PHONE BOOK

- 3-1: Find Name
- 3-2: Add New Entry
- 3-3: My Phone#
- 3-4: Find Entry
- 3-5: Services
 - 3-5-1: Account Info
 - 3-5-1: Customer Care
 - 3-5-2: Dir Assist
 - 3-5-3: Prepaid SVC
 - 3-5-4: Road Assist

Page xx



4. ROAMING

- 4-1: Set Mode
- 4-2: Call Guard

Page xx



5. CALENDAR

- 5-1: Today
- 5-2: View Month
- 5-3: Jump To Date
- 5-4: To Do List
- 5-5: Countdown
- 5-6: Alarm Clock
- 5-7: World Clock
- 5-8: Calculator
- 5-9: Set Time

Page xx



Using the Menu

6. VOICE DIAL

- 6-1: Record
- 6-2: Review
- 6-3: Erase All
- 6-4: Set Active

Page xx



7. VOICE MAIL

- 7-1: Listen
- 7-2: Reset

Page xx



8. SOUNDS

- 8-1: Ringer Vol
 - 8-1-1: Calls
 - 8-1-2: Messages
 - 8-1-3: Alarm
- 8-2: Ringer Type
 - 8-2-1: Voice Calls
 - 8-2-2: Messages
 - 8-2-3: Alarm
 - 8-2-4: Data/Fax In
- 8-3: Key Beep
- 8-4: Tone Length
- 8-5: Alerts
 - 8-5-1: Minute Beep
 - 8-5-2: Service
- 8-6: Roam Ringer

Page xx



Using the Menu

9. SETUP/TOOL

- 9-1: Display
 - 9-1-1: Backlight
 - 9-1-2: Greeting
 - 9-1-3: Contrast
 - 9-1-4: Version
- 9-2: Security
 - 9-2-1: Lock Phone
 - 9-2-2: Change Lock
 - 9-2-3: Special #
 - 9-2-4: ErasePhonebook
 - 9-2-5: Reset Phone
- 9-3: Call Answer
- 9-4: Auto Answer
- 9-5: Language

Page xx



Calls

You can use the **Calls** menu to:

- View and dial the last outgoing or incoming numbers.
- Erase the numbers in the Call log memory.
- View the duration of calls.

Outgoing

Menu 1.1

The phone stores up to 10 calls you dialed. When you access this menu, the list of outgoing calls are displayed.

To...

Select an entry

Dial the selected entry

View the details on the call

Press...

 or 





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

Press  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.

Calls

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 10 calls placed to your phone. When you access this menu, the list of Incoming calls are displayed.

To...

Select an entry

Dial the selected entry

View the details on the call

Press...

 or 





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

Press  to access the Options. For further details, refer to the options in "Outgoing" on page xx.