

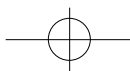
**DIGITAL PORTABLE
CELLULAR TELEPHONE
SCH-510**

Owner's Manual



Printed in Korea
Code No.: GH68-xxxxxA
U.S.A 98/11. Rev.1.0

Please read this manual before operating the phone,
and keep it for future reference.



Introduction

Getting ~

Basic: 0 ~

The Menu

Phone: B ~

Voice Dial

Security ~

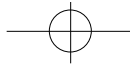
Message ~

Safety

Accesso ~

Glossary

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Precautions

Important Information

This manual is based on the production version of the included portable cellular telephone. Software changes may have occurred after this printing.

Safety Precaution

For more detailed safety information, see "Safety" on page 64.

- Do not use a phone while driving; park the vehicle first.
- Do not use your phone near medical equipment.
- Do not use your phone at any time while traveling on board a plane.
- Do not use your phone where a blasting operation is in progress.
- Do not use your phone at a refueling point.

FCC/IC Notice

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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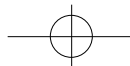
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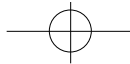
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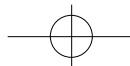
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Getting Started

Features

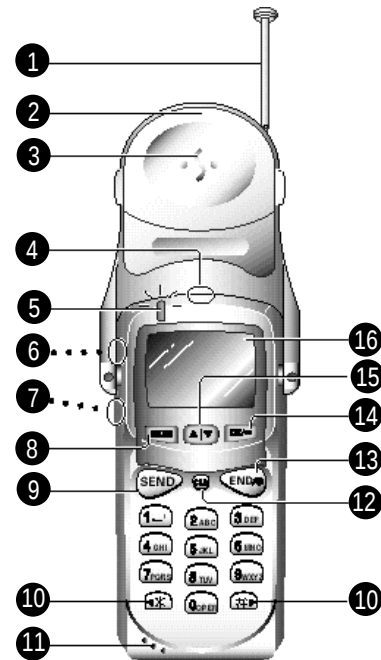
Congratulations on the purchase of your SAMSUNG Phone. Using the latest digital technology, the phone operates in a similar manner to other wireless phones, while providing superior resonance and tone quality.

The following options make your phone both fun and easy to use:

- Active Flip
- Variable Character Display
- Phone Book Memory-79 Locations
- Voice Dialing - 20 Locations
- Programmable Lock
- Short Message Services (SMS) and Voicemail
- 9 Ring Types, 4 Melody Tones, Vibrator Alert
- Call Logs - 9 Locations Each: Outgoing and Incoming Calls
- Pause Dialing
- Ringer Mute During Incoming Call
- Remind Call
- EVRC
- Voice Memo

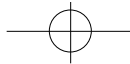
Description of Your Phone

Function keys and other controls activate the features of your phone. The following illustration identifies the function keys, controls, and indicators:



(not actual size)

- | | |
|----------------------|---------------------|
| 1) Antenna | 9) SEND Key |
| 2) Flip | 10) Scroll Keys |
| 3) Earpiece | 11) Microphone |
| 4) Earphone Mic Jack | 12) Clear Key |
| 5) Power On Light | 13) End / Power Key |
| 6) Volume Control | 14) OK (Store) Key |
| 7) Record Key | 15) Scroll Keys |
| 8) Menu Key | 16) LCD Screen |



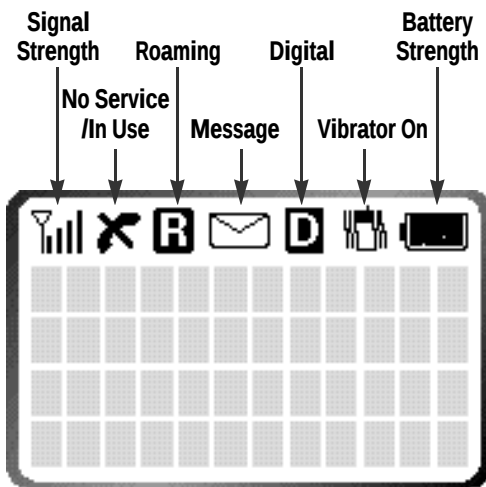
Screen Display

This phone features dynamic character sizing, which enables the screen to display 12 characters per line. The five-line screen includes four text lines and one icon line, which displays active options and selected menu items.

During conversation, the screen displays the call timer and the name and number of the other party, if available.

Active in-use options, such as Mute and Call Waiting, also are displayed during conversation.

The following icons are displayed at pressing power key:



(not actual size)

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Key Functions



Press SEND to:

- make a call after dialing the number,
- receive an incoming call,
- initiate Three-way calling,
- access Call Logs.



Press CLR to:

- erase one character at a time while entering names and numbers,
- go back one menu level at a time while viewing menu options,
- initiate Voice Dialing when the flip is open.

Press and hold CLR to:

- erase all displayed characters while entering names and numbers,
- return to Standby mode while viewing menu options.



Press END to:

- end a call,
- exit the current menu and return to Standby mode,
- turn the phone on and off.



Press MENU to:

- display the Main Menu,
- scroll through menus,
- enter a pause while entering numbers.



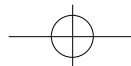
Press  to:

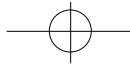
- save menu option settings,
- access messages.



Press the arrow keys to scan menu options.

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Press and hold the Voice Memo button to:

- record the voice memo during conversation or standby mode.



Press the Volume button to:

- adjust voice volume during conversation.
- adjust key beep volume in Standby mode,
- mute the ringer during an incoming call,
- scroll Call Logs and Phone Book entries.



Status Indicators



Signal Strength
Indicates a current signal strength.



No Service
Indicates that the phone is outside a service area and cannot make or receive calls.



Roaming
Is displayed when the phone is outside the home service area but within the network.



Message
Indicates you have voicemail or text messages.



Digital
Indicates a Digital mode.



Vibrate
Indicates Vibrator is set as a current ring type.



Battery Charge
Indicates a battery charge level.

Display Messages

MAINTENANCE
REQUIRED

The phone number is not registered in the base station.

PHONE BOOK
RESTRICTED

You have tried to access the memory while the phone is in the restricted memory mode.

New Entry will replace
OK:Replace

A phone number is already stored in selected memory location.

MATCHING ENTRY
NOT FOUND

The entry you are trying to find does not exist.

NO OUTGOING
CALL LOG

You have not made any outgoing calls.

NO SERVICE

The phone is out of the service area.

IN. CALL IS
RESTRICTED

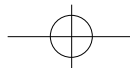
While the phone is restricted, you have tried to answer a call.

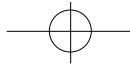
OUTGOING CALL IS
RESTRICTED

While the phone is restricted, you have tried to make a call.

REDIAL CALL
FAILED

The call cannot be made completely even after automatic redialing.





Battery

Your phone package includes a partially charged rechargeable battery so that you can use the phone immediately after it is activated.

Installing the Battery

To attach the battery to your phone:

1. Hold the battery so that the metal contacts on the base of the battery line up with the metal contacts on the base of the phone.
2. Place the battery on the back of the phone with the top of the battery about a quarter of an inch from the latch.
3. Gently slide the battery toward the top of the phone until it snaps into place.

Removing the Battery

Make sure to turn the power off before removing the battery. Then press the battery release button while sliding the battery out of position.

Dual-Slot Desktop Charger

The Dual-Slot Desktop Charger contains:

- Front compartment for charging the battery while attached to the phone
- Rear compartment for charging the battery alone (not attached to the phone)
- Red light to indicate that the battery is charging (A yellow light indicates that the battery is operating at a temperature that is too high or too low, or that the battery is not properly inserted in the charger. Please check the charger and battery.)
- Green light to indicate that the battery is fully charged.

Charging the Battery

To charge the battery using the Dual-Slot Desktop Charger:

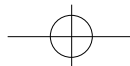
1. Plug the power cord of the charger into a wall outlet.
2. Select one of the following options:
 - Insert the phone with battery attached into the front compartment of the charger.
 - Insert a single battery (alone, not attached to the phone) into the rear compartment of the charger.

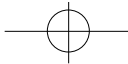
When two batteries are in the charger, the batteries charge simultaneously. If you charge the battery while it is attached to your phone, the Battery Charge Indicator activates. A green LED indicates a fully charged battery.

Note: Use only the SAMSUNG-approved Dual-Slot Desktop Charger with your phone by Samsung. Using the inappropriate charger could damage the battery.

Battery Charge Indicator

The Battery Charge Indicator is displayed in the upper right corner of the screen and indicates three levels of charge. Three solid bars indicate a fully charged battery. When the battery charge level is low or empty, a clear Battery Charge Indicator (no bars are displayed) appears on the screen.





Caring for the Battery

Use only SAMSUNG-approved batteries, Desktop and Travel chargers. These chargers maximize battery life and performance. Using other batteries or chargers may invalidate your warranty and may damage your phone.

For proper battery care, please follow these guidelines:

- To avoid damage, charge the battery in temperatures that range from 32°F to 104°F (0°C to 40°C).
- Do not use the battery charger in direct sunlight or in high humidity areas (such as a bathroom).
- Never dispose of the battery by incineration (fire).
- Keep the metal contacts at the battery base clean.
- Do not attempt to disassemble or short-circuit the battery, as injuries or burns may result.
- Replace the battery when it provides no longer acceptable performance.
- Do not store the battery in high-temperature areas for a long time.
- Do not allow metal objects or liquids to contact or short-circuit the battery terminals, as injuries or burns may result.

Battery Disposal and Recycling

Please be aware of the following guidelines when disposing of or recycling the battery:

- Do not dispose of the battery in a fire; the cell may explode. Check the regulations in your area for special disposal instructions.
- Do not open or puncture the battery; the released electrolyte is corrosive and may cause damage to the eyes and skin. This substance also can be toxic if swallowed.
- Charge the battery in accordance with the instructions specified in this manual.

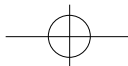
Call Quality

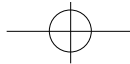
For optimum call quality with your phone, please follow these guidelines:

- Fully extend the antenna. While it may be possible to make calls with the antenna retracted, the phone operates best with the antenna fully extended.
- Hold the phone as you would hold any other telephone handset. Speak directly into the microphone, and extend the antenna over your shoulder while talking.
- Do not hold the antenna while using the phone, as this may affect call quality.

Table 1: Phone and Battery Specifications

Phone Type:	Dual Mode CDMA/AMPS 800MHz	
Graphic LCD:	5 Lines (4 Text Lines, 1 Icon Line)	
Battery Type:	Standard: 1000 mAh Li-Ion	
	Extended: 1600 mAh Li-Ion	
Phone with:	Standard Battery	Extended Battery
Dimensions (H5 W5 D):	1125 525 21.5 mm	1125 525 26 mm
Weight:	153g	168g
Talk Time:	100 minutes	250 minutes
	or	or
Standby Time:	25~27 hours	37~40 hours

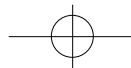




Basic Operations

Basic Operations of Your Phone

Power On/Off	Press and hold
Menu Scrolling	Press , then / or / .
Make Calls	Enter number, and then press .
Correct Mistakes	Press .
Redial a Call	Press twice.
Speed Dialing	Enter memory location, and then press .
End a Call	Press , or close flip.
Receive a Call	Press , or open flip.
Save Numbers	Enter phone number, press , and then follow screen prompts.
Outgoing Call	Press , , , to review the last 9 outgoing calls.
Incoming Call	Press , , , to review the last 9 incoming calls.
Name Search	Press , , , to search the names



Turn On/Off

Turning On

To turn on your phone, press and hold . The red light flashes, the phone beeps. The display updates to reflect the following conditions:

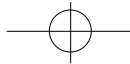
- When your phone is located in service area, your phone number and the greeting message are displayed, along with the date and time. You can now make and receive calls.
- If your phone is not located in service area, "No Service" is displayed. In this case, you cannot make and receive calls. Turn off your phone, and then try again later when service is available.
- If your phone is locked, "Locked" is displayed. Enter the four-digit lock code to release the lock mode.

Turning Off

To turn off your phone, press and hold . When your phone is turned off, nothing is displayed on the screen.

Standby Mode

When your phone is turned on but no call is in progress, the phone is in standby mode.



Making Calls

Making a Call

To make a call:

1. Press and hold to turn on your phone. An active screen display indicates that the phone is turned on. (No dial tone sounds.)
2. Enter the phone number, up to 32 digits, by pressing the digit keys. The phone number is displayed on the screen.
3. Press . You make the call to the entered phone number.

Emergency Dialing

You can make calls to 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 a phone number before dialing, or prepend an existing entry in the Phone Book or Call Logs.

To use prepending, select one of the following options:

- Enter the area code or feature activation code, and then enter the phone number.
- Access a phone number stored in the Phone Book or Call Logs, and then prepend the number.

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

1. Access the phone number entry.
2. When the phone number is displayed, press to display context-specific options.
3. Press .
4. Enter the area code or feature code.
5. Press to call the number.

Correcting a Misdialed Number

To correct a misdialed number:

- Press to erase the digit, and then enter the correct digit.
- Press and hold to erase the entire entry, and then enter the correct phone number.

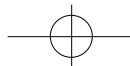
Receiving Calls

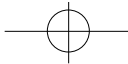
Answering a Call

To answer an incoming call, press , or open the flip.

Ending a Call

To end a call, press , or close the flip. The call time is displayed along with the name/number of the called party (if available). The phone returns to Standby mode automatically.





Call Waiting

Call Waiting enables you to receive a second call during conversation. When a Call Waiting call comes in, the incoming call alert sounds, when set, and a text notification is displayed.

Contact your service provider to activate Call Waiting.

To answer a Call Waiting call:

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

Three-Way Calling

Three-Way Calling enables you to conduct conference calls with two separate parties at the same time. The phone records the outgoing call to both parties as separate entries in the Outgoing Call Log, and you are billed airtime for each outgoing call separately. Contact your service provider to activate Three-Way Calling.

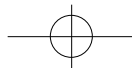
To make a Three-Way Call:

1. During conversation, press .
Enter the phone number for the third party, and then press again. The phone makes the other party on hold.
2. When the third party answers, press again to connect with the original party.

Call Forwarding

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

Contact your service provider to activate Call Forwarding.



The Menu

Menu Organization

The Main Menu in Standby mode contains 8 primary options, many of which contain sub-menus with more specific options.

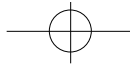
The In Use Menu options are available in Conversation mode:

1. Calls
2. Phone Book
3. Mute/Unmute
4. Silent Key
5. Version
6. Send Tel #

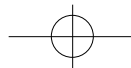
SND: Send DTMF

To access a menu option, press , and then press the associated digit key to select the desired option.

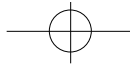
As an alternative to pressing the digit keys, access the menu, and then press the scroll keys to scan options. Pressing the scroll keys highlights each option in sequence. Press to select the highlighted option.

**Table 2: Main Menu Structure****SCH-510 Standby Menu**

Main Menu	Menu Level 1	Menu Level 2
1. Calls CE	1. Outgoing 2. Incoming 3. Erase Logs CE	1. Outgoing 2. Incoming 3. All 1. Last Call 2. Total 3. Erase Total
	4. Air Time CE	
2. Phone Book CE	1. Find Name 2. My Phone # 3. Add Entry 4. Find Entry	
3. Sounds CE	1. Ring CE	1. Ring Vol 2. Ring Type 3. Ring Tone
	2. Key Beep 3. Alert CE	1. Minute Beep 2. Svc Area
	4. Remind Call CE	1. Set 2. Release
	5. Diff. Ring CE	1. Caller 1 2. Caller 2 3. Caller 3 4. Caller 4 5. Caller 5
4. Display CE	1. Back Light 2. Greeting 3. Version	

**SCH-510 Standby Menu (Continued)**

Main Menu	Menu Level 1	Menu Level 2
5. Analog Call		
6. Voice Dial CE	1. Record 2. Review 3. Erase All 4. Set Active	
7. Setup CE	1. Auto Retry 2. Auto Recv 3. Auto Hyphen 4. Anykey Ans 5. Tone Length 6. Tone CE	1. Release Tone 2. Connect Tone
	7. Set Time	
0. Security CE	1. Lock Phone 2. Restrict CE	1. Phone Book 2. Incoming 3. Outgoing
	3. Lock Code 4. Emergency # 5. Send PIN 6. Clr Memory 7. NAM Mode CE	1. Manual NAM 2. Auto NAM
	8. Block Own # 9. System Sel CE	1. FM 2. CDMA
	0. Reset Phone	



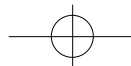
Calls Options

Tracking Calls Through Call Logs

The Call Logs store up to nine incoming calls and nine outgoing calls. Each log stores the name and phone number (if available), as well as the date/time stamp. In case of duplicate entries back to back, the system consolidates those entries and stores only the most recent call from the same phone number.

To review call logs:

1. Press to display the Main Menu.
2. Press for Calls.
3. Press the associated digit key to select an option:
 - Press for Outgoing calls.
 - Press for Incoming calls.
4. When the list of calls is displayed, press the scroll keys to select an entry to view, and then press or the associated digit key to view the date/time stamp for the selected entry. If it matches up to one of entries in a Phone Book, the name is displayed. If it doesn't match up to one of entries in a Phone Book, only the phone number is displayed.
5. Press to display context-specific options:
 - Press for Talk.
 - Press for Show Entry (or Store if the phone number is not currently stored in the Phone Book).
 - Press for Prepend, and then add an area code or feature code to the number before calling or saving the number.
6. Press to exit the Call Logs and return to the previous screen.



Erasing Call Logs

You can erase phone numbers stored in the Call Logs.

To erase call logs:

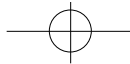
1. Press to display the Main Menu.
2. Press for Calls.
3. Press for erasing logs. Additional options are displayed.
4. Press the associated digit key to select one of the following context-specific options:
 - Press for Outgoing calls.
 - Press for Incoming calls.
 - Press for All calls.
5. When the screen prompts for confirmation, press to confirm erasing the call logs, or press to cancel the operation.

Reviewing Airtime

You can review the airtime of the most recent call, as well as total airtime for all calls since the last reset action.

To review airtime:

1. Press to display the Main Menu
2. Press for Calls
3. Press for Airtime
4. Press the associated digit key to display airtime for the selected calls:
 - Press for Last Call.
 - Press for Total.
 - Press for Erase Total
5. Press to return to Standby mode.



Sounds Options

Your phone receives incoming calls and provides call notification only when it is on. Notification type depends on the selected setting.

Ring Volume

You can set ring volume in Standby mode from the Main Menu. During an incoming call, press the Volume buttons to mute the ringer.

To adjust ring volume in Standby mode:

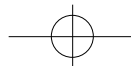
1. Press to display the Main Menu.
2. Press for Sounds.
3. Press for Ring.
4. Press for Ring Volume.
5. Press the scroll keys to scan volume options.
6. When the desired volume level is displayed, press to save the setting.

Ring Type

You can set ring type from three types to signal an incoming call: a bell, a lamp, or a vibrator.

To set ring type:

1. Press to display the Main Menu.
2. Press for Sounds.
3. Press for Ring.
4. Press for Ring Type.
5. Press the scroll keys to scan ring types.
6. When the desired option is displayed, press to save the setting.



Ring Tone

When you select BELL as your ring type, you can set ring tone from nine tones and four melodies.

To set ring tone:

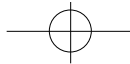
1. Press to display the Main Menu.
2. Press for Sounds.
3. Press for Ring.
4. Press for Ring Tone.
5. Press the scroll keys to scan ring tones. Each tone sounds as you scan the options.
6. When the desired option is displayed, press to save the setting.

Key Beep

The Key Beep sounds in response to pressing digit key. You can set key beep in Standby mode from the Main Menu or by pressing the Volume buttons on the side of the phone.

To set key beep volume:

1. Press to display the Main Menu.
2. Press for Sounds.
3. Press for Key Beep.
4. Press the scroll keys to adjust the key beep:
You can adjust the key beep volume from level 0 to 8.
Level 0(silent) turns key beep off.
5. Press to save the volume level you have chosen.



Alerts

You can set alerts to turn the Minute Beep and Service Area alert tones on and off, in Standby mode. The Minute Beep indicates the phone beeps every minute during your call. The Service Area alert indicates when you are out of a service area or when you return a service area.

To select alert options:

1. Press to display the Main Menu.
2. Press for Sounds.
3. Press for Alerts.
4. Press the associated digit key to select an option:
 - Press for Minute Beep.
 - Press for Service Area.
5. Press the scroll keys until the desired mode is displayed.
6. When the desired option is displayed, press to save the setting.

Remind Call

You can set the call reminder to sound alert at the specified time, when your phone is turned on. If the phone is turned off at the specified time, the alert will not sound.

To set the call reminder:

1. Press to display the Main Menu.
2. Press for Sounds.
3. Press for Remind Call.
4. Press for Set.
 - If this feature is already set up, the screen displays the specified time and provides the option of overwriting the current setting. Press to overwrite the current setting.

5. Respond to the screen prompt by entering the phone number.

6. Press to save the setting.

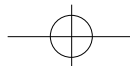
7. Enter the time (in 24-hour clock) by pressing the digit keys. To correct an incorrect digit, press , and then enter the correct digit.

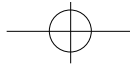
- If you have stored the current time in the phone's memory, you can enter a specific date and time for the alert to sound. You can select 'After Minute mode' or 'Time Mode' by pressing the scroll keys.

8. Press to save the setting. The entered phone number, set time, and a confirmation message is displayed.

9. At the specified time, the alert sounds, and the name and number are displayed, if available. If you want to make a call, press .

10. To cancel the reminder at any time, access the Remind Call option (step 1, 2 and 3), press to cancel the setting, and then press to confirm the action.



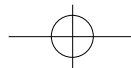


Differential Ring

The Differential Ring option enables you to activate a unique ring to signal an incoming call by a stored caller number.

To set Differential ring Volume:

1. Press to display the Main Menu.
2. Press for Sounds.
3. Press for Differential Ring.
4. Press the corresponding digit key (1-5) to select the desired caller.
5. Enter the phone number by pressing the digit keys.
6. To store the phone number, press .
7. Press the scroll keys to scroll the list of ring tones and melody tones. Each tone sounds as the options.
8. When the desired option is displayed, press to save the setting.



Display Options

Your phone provides several display options.

Backlight Control

When the phone is attached to the Hand-Free Car Kit, the backlight remains on. At other times, you can select backlight options.

To select backlight options:

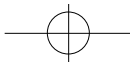
1. Press to display the Main Menu.
2. Press for Display.
3. Press for Backlight.
4. Press the scroll keys to scan menu options: 8 Seconds (after last key is pressed), Off.
5. When the desired option is displayed, press to save the setting.

Personal Greeting

You can create a 12-character personal greeting message that is displayed at turning on the phone and in Standby mode.

To create a personal greeting:

1. Press to display the Main Menu.
2. Press for Display.
3. Press for Greeting.
4. Enter your personal greeting message by pressing the alphanumeric keys on the keypad.
5. Press to save the setting.



Version Display

You can view the software version of your phone during conversation or in Standby mode.

To view the version in Standby mode:

1. Press  to display the Main Menu.
2. Press  for Display.
3. Press  for Version.
4. Press  to return to the previous screen.

To view the version in Conversation mode:

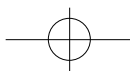
- Press , .

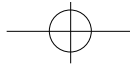
Analog Call Option

Your phone is preset to Digital mode. If you want to make a call in Analog mode, use this feature.

To make a call in Analog mode:

1. Press  to display the Main Menu.
2. Press  for Analog Force Call.
3. Press  to set to Analog mode.
4. If you end the Analog call or do not make a call within 5 minutes, your phone returns to Digital mode automatically.





Setup Options

Your phone contains many setup features that make communication easier and more efficient. Using them saves time and makes yours even more fun to use.

To set setup options:

1. Press to display the Main Menu.
2. Press for Setup.
3. Press the corresponding digit key to select the desired option:
 - Press for Automatic Retry.
 - Press for Automatic Receiving.
 - Press for Automatic Hyphenation.
 - Press for Any Key Answer.
 - Press for Tone Length.
 - Press for Tone, and then select (1) Release Tone or (2) Connect Tone.
 - Press for Set time.
4. Press the scroll keys until the desired mode is displayed.
5. Press to save the setting.

Automatic Retry

When you make a call and the call is not connected, your phone continues to make the call to the entered phone number.

Automatic Receiving

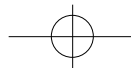
When a call comes in, you can answer the call automatically after 2 rings. This feature does not work if you have chosen Vibrator or Lamp as your ring type.

Automatic Hyphenation

Automatic Hyphenation hyphenates numbers as follows:

- 123-456-7890

Digits following a pause are not hyphenated.



Any Key Answer

Activate Any Key Answer to answer incoming calls by pressing any key on the keypad, except .

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.

Release Tone

You can set your phone to sound the release tone when a call is released or dropped.

Connect Tone

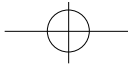
You can set your phone to sound the connect tone when your call is connected to the system.

Setting Current time

You can set the time and date on your phone.

To set the time:

1. Press to display the Main Menu.
2. Press for Setup.
3. Press for Set Time.
4. Enter the time and date. The current time, if set, is displayed. The month, day, hour and minute must be entered with 2 digits. The year requires all four digits. If you don't input the time or you input the wrong time, "Invalid Time" displays.
5. Press to set the time.

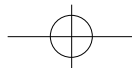


Phone Book

Overview of the Phone Book

The Phone Book provides the following features:

- 79 memory locations
- Optional name entry
- Text notification when overwriting or erasing entries
- Automatic scrolling to the next available location, with manual location selection option
- Adding/Editing entries by name or location
- Direct access retrieval of entries by name or location
- Searching entries by name or location
- Speed Dialing
- Making a call to the displayed Phone Book entry
- Calling secret number/Silent keypad dialing
- Prepending phone numbers
- Displaying name/number when entry includes the name



Storing Phone Numbers

Storing Phone Numbers/Names

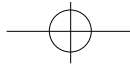
To store phone numbers/names:

1. Press to display the Main Menu.
2. Press for Phone Book.
3. Press for Add Entry. The screen prompts to enter a phone number.
4. Enter the phone number by pressing the digit keys.
5. To store the phone number, press . The first available location is displayed.
6. To accept the displayed location, press . To select another location, press the scroll keys until the desired location is displayed, and then press .
7. To include a name with the phone number entry, respond to the screen prompt by entering the name.
8. After entering the name, press .

Storing Phone Numbers at Call End

To store a phone number following conversation:

1. Press to end the call. The call time and the phone number are displayed.
2. To store the phone number, press . The first available location is displayed.
3. To finish this process, follow above-mentioned steps (from step 6 to step 8).



Viewing Stored Entries

Finding Entries By Location

To find an entry by location:

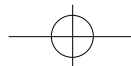
1. Press to display the Main Menu.
2. Press for Phone Book.
3. Press for Find Entry. The screen prompts to enter a location number.
4. Enter the location by pressing the associated digit key, or press the scroll keys until the desired location is displayed, and then press to display the selected entry.
5. When the desired entry is displayed, press to make a call.

Finding Entries by Name

You can locate Phone Book entries quickly when the phone is in Standby mode: Press to access the Phone Book in one step and then press the scroll keys to scan entries.

To find Phone Book entries from the Main Menu;

1. Press to display the Main Menu.
2. Press for Phone Book.
3. Press for Find Name. Stored names are displayed in an alphabetical list.
4. Press the scroll keys until the desired name is displayed. 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 the first name is displayed in that section of the list. If desired, you can also enter the second letter in the name by pressing the associated alphanumeric key.
5. when the desired entry is displayed, press to make a call.



Displaying Your Phone Number

You can check your own phone number.

To display your phone number:

1. Press to display the Main Menu.
2. Press for Phone Book.
3. Press for My Phone Number. The phone number of your phone is displayed. If you have more than one own phone number, press the scroll keys to check the next number.
4. Press to return to the previous screen.

Dialing from the Phone Book

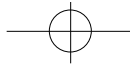
Dialing By Memory Location

Your phone enables you to make calls quickly by entering the associated digit key (s) for the Phone Book memory location of the phone number you are calling.

The following table outlines dialing shortcuts:

Table 3: Memory Dialing Shortcuts

ACTIVITY	SHORTCUT
One-touch Dialing:	Press and hold the associated digit key for the location.
Two-touch Dialing:	Press the first associated digit key briefly, and then press and hold the second digit key.



Editing Phone Book Entries

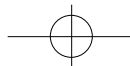
To edit a Phone Book entry:

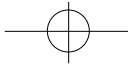
1. Press to display the Main Menu.
2. Press for Phone Book.
3. Access the desired entry using one of the search methods described under "Viewing Stored Entries" on page 38.
4. When the desired entry is displayed, press for context-specific options.
5. Press for Edit. Additional options are displayed.
6. Press the associated digit key to select an option:
 - Press for Phone #. The phone number is displayed.
Press to delete the phone number, and then enter the new phone number by pressing the digit keys.
Press to save the new number.
 - Press for Name. The name is displayed.
Press to delete the name, and then enter the new name by pressing the alphanumeric keys. Press to save the new name.
 - Press for Entry #.
The Phone Book location number is displayed. Press the scroll keys until the desired location is displayed, and then press to save the new location.
 - Press for Secret.
This option is to prevent dialed phone numbers from displaying on the screen.
See the 'Storing Secret Numbers' on the page 42.

Erasing Phone Book Entries

To erase Phone Book entries:

1. Press to display the Main Menu.
2. Press for Phone Book.
3. Access the desired entry using one of the search methods described under "Viewing Stored Entries" on page 38.
4. When the desired entry is displayed, press for context-specific options.
5. Press for Erase.
6. Press to erase the displayed entry. The "Erased" notification is displayed, along with the name, number, and location.



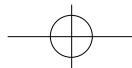


Storing Secret Numbers

You can select the Secret option to prevent dialed phone numbers from displaying on the screen.

To store a secret number in the Phone Book:

1. Press to display the Main Menu.
2. Press for Phone Book.
3. Store the phone number as described under "Storing Phone Numbers" on page 37, or access an existing entry as described under "Viewing Stored Entries" on page 38.
4. When the phone number is displayed, press for context-specific options.
5. Press for Edit. Additional options are displayed.
6. Press for Secret.
7. Press the scroll keys until the desired mode is displayed.
8. Press to save the setting.



Voice Dial

Voice Dialing

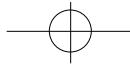
Your phone features Smartspeak®, the new Voice Dialing system from Advanced Recognition Technology. You can call up to 20 stored entries by speaking the name into the microphone.

Using the Voice Dialing option requires that you first train the phone to recognize the name.

Training the Phone

To train the phone for Voice Dialing:

1. Press to display the Main Menu.
2. Press for Voice Dial.
3. Press for Record. The system provides voice prompts and screen displays to guide you through the recording process.
4. 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.
5. 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.
6. Enter the phone number by pressing the digit keys.
7. To store the phone number, press . The name and number display, along with the notification "Recorded". The screen then returns to the Voice Dialing menu.



Tips on Recording Name

- u Avoid recording similar names phonetically. If you record a similar name to the one already in memory, the phone requests another name.
- u Avoid recording in a noisy place.
- u Speak clearly and naturally.
- u The person who will use the phone should record the name. The phone does not recognize the name if the voice sounds differently.
- u Avoid too long or short name. It is recommended to contain 2 to 5 syllables.
- u Voice dial feature is available only in CDMA mode.
- u If this feature does not work properly, erase the name, and record with another name.
- u It is recommended to practice several times to obtain best result.
- u You can record up to 20 names. If you record more than 20, the phone announces 'Memory is full'.

Checking Recorded Name

1. Press to display the Main Menu.
2. Press for Voice Dial.
3. Press for Review. A list of entries is displayed.
4. Press the digit key to select the desired entry, or press the scroll keys to scan entries. Your phone plays the recorded name.

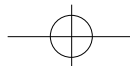
Activation

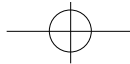
Voice Dialing is always active once you have trained the phone to accept Voice Dialing entries. To make calls using Voice Dialing, simply press and hold , and then say the name into the phone after you hear the prompt.

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

To change Voice Dialing setup options:

1. Press to display the Main Menu.
2. Press for Voice Dial.
3. Press for Set Active.
4. Press the scroll keys until the desired mode is displayed:
 - [*] Only: Enables Voice Dialing by pressing and holding .
 - [*] / Flip: Enables Voice Dialing by pressing and holding , or by opening the flip.
5. When the desired option is displayed, press to save the setting.





Using Voice Dialing

Making a Call

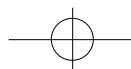
To make a call using Voice Dialing:

1. To make the call, press and hold , or open the flip, depending on the setting.
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 to enter 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. Return to Standby mode by pressing , and then try the call again later.

Reviewing Voice Dialing Entries

To review Voice Dialing entries:

1. Press to display the Main Menu.
2. Press for Voice Dial.
3. Press for Review. A list of entries is displayed.
4. Press the digit key to select the desired entry. Or press the scroll keys to scan entries and then press . The recorded names play audibly as you scroll through the list.
5. Press to return to Standby mode.



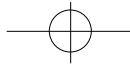
Erasing Voice Dialing Entries

To erase an individual Voice Dialing entry:

1. Press to display the Main Menu.
2. Press for Voice Dial.
3. Press for Review. A list of entries is displayed.
4. Press the digit key to select the desired entry, or press the scroll keys to scan entries. The recorded names play audibly as you scroll through the list.
5. When the desired entry is displayed, press to erase that entry.

To erase all Voice Dialing entries:

1. Press to display the Main Menu.
2. Press for Voice Dial.
3. Press for Erase All.
4. Press to erase all voice dialing entries.



Voice Memo

Recording a Voice Memo

This phone can record 10 voice memos.

- In Standby mode, a 60-second timer is displayed, and an alert sounds to indicate when recording time expires.
- In Conversation mode, the 60-second timer is displayed, but recording time may vary. The voice memo records only the other party's conversation, and an alert beep sounds every 15 seconds to keep the other party informed of the recording his conversation.

To record a voice memo in standby mode:

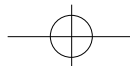
1. Press and hold button while recording.
The message "Recording" is displayed along with the timer.
2. Record the memo by speaking into the microphone.
3. To stop recording, remove your hand from button.
A context-specific menu becomes available.
4. To save the memo with the default date/time stamp, press . And you can select further options:
 - Press for Add Label. The screen labels the memo with the date/time stamp.
 - Press for Continue. Press and hold button to continue recording.
 - Press for Erase. Press button to erase the current memo.

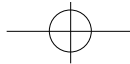
Note: Recording telephone conversations without the consent of the other party may be illegal in some states. Samsung shall not be liable to any party for any damages resulting from such taping, and the purchasers or users agree to fully and completely indemnify Samsung from any claims, demands, suits or expenses resulting from such use.

Reviewing a Voice Memo

To review a voice memo:

1. Press button to display the Memo menu.
2. Press for Review. The phone displays the memo header for saved memos in sequence.
3. Following options are displayed during Reviewing the memo:
 - Press to Replay the memo.
 - Press to Erase the memo.
 - Press to listen to the Next memo.
 - Press to listen to the Previous memo.
4. After reviewing the memos, press to return to standby mode.





Security Options

Security Menu

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

To access the Security menu in Standby mode, press , . Press the associated digit key to access one of the security options.

You must enter the four digit lock code to see any options in this menu. The default lock code is 0000 or the last four digits of your phone number.

Lock Mode

Locking the phone restricts outgoing calls except emergency numbers.

To make an outgoing call in Lock mode:

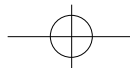
- To call an emergency number, enter the number and then press .
- To place normal outgoing calls, press  to display the Lock Code screen, and then enter the lock code. When the Standby screen is displayed, enter the phone number, and then press .

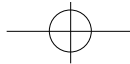
Lock Code Setting

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

To enter a new lock code:

1. Press  to display the Main Menu.
2. Press  for Security.
3. Press  for Lock Code.
4. Enter a new, four-digit lock code by pressing the desired digit keys.
5. Press  to save the new lock code.





Locking the Phone

To lock the phone:

1. Press  to display the Main Menu.
2. Press  for Security.
3. Press  for Lock Phone.
4. Press the scroll keys to select an option:
 - Off: The phone remains unlocked.
 - Now: The phone is locked immediately.
 - On Power-Up: The phone is locked automatically when you turn the phone on.
5. Press  to save the setting.

Call Restriction

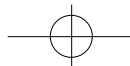
Restricting Calls

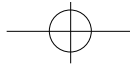
Your phone provides the following Call Restriction options in the Security menu:

- Phone Book Use
- Limit Incoming Calls
- Limit Outgoing Calls

To restrict calls:

1. Press  to display the Main Menu.
2. Press  for Security.
3. Press  for Restrict.
4. Press the associated digit key to select an option:
 - Press  to restrict Phone Book.
 - Press  to restrict Incoming calls.
 - Press  to restrict Outgoing calls.
5. Press the scroll keys when the desired mode is displayed.
6. Press  to save the setting.





Emergency Numbers

Special numbers (911, *911, #911) are programmed into your phone. The Security menu provides the option of storing three emergency numbers.

You can make calls to emergency numbers when the phone is locked or when "Outgoing call is restricted" is active.

Storing Emergency Numbers

To store emergency numbers:

1. Press to display the Main menu.
2. Press for Security.
3. Press for Emergency Numbers.
4. Press the associated digit key to select a location for the special number.
5. Enter the number by pressing the digit keys.
6. Press to save the number.

Dialing Emergency Numbers

To dial emergency numbers in Lock mode:

1. Enter the emergency number by pressing the digit keys.
2. Press to make the call.

Other Options

Send PIN

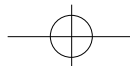
If your system supplier provides this service and you have a PIN assigned by the system supplier, you can set your phone to send the PIN when you make a call. This feature prevents the phone from being used by unauthorized persons. For information on this service in detail, contact your service provider.

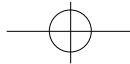
Clear Memory

You can erase all numbers in memory at the Phone Book. The screen displays "All memories are cleared".

To erase all numbers in memory:

1. Press to display the Main Menu.
2. Press for Security.
3. Press for clear Memory.
4. Press the corresponding key to select context-specific options.
 - press to erase.
 - Press to cancel.





NAM Selection

The NAM (Number Assignment Module) enables you to subscribe to one or more service networks. Your phone has a Manual and an Automatic mode for selecting the network. In the Manual mode, you set the phone to the network you want to use. In the Automatic mode, the phone selects the network automatically based on system information for the area you are in.

To set NAM mode:

1. Press to display the Main Menu.
2. Press for Security.
3. Press for NAM Mode.
4. Press the corresponding digit key to select the desired option:
 - Press for Manual NAM, and then select a NAM: NAM-1, NAM-2, NAM-3, NAM-4.
 - Press for Automatic NAM, and then choose the desired mode to use the scroll keys.
5. Press to save the setting.

Block Own Number

This feature allows you to block your own number display. If you turn this feature on, the message "Blocked for phone number" is displayed when function 'My Phone #' is accessed by pressing , , .

To set the blocking:

1. Press to display the Main Menu.
2. Press for Security.
3. Press for Block Own Number.
4. Press the scroll keys until the desired mode is displayed.
5. Press to save the setting.

System Selection

The system selection feature of your phone enables you to choose which of the system providers you will use.

To select system:

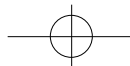
1. Press to display the Main Menu.
2. Press for Security.
3. Press for System Selection.
4. Press the corresponding digit key to select the desired option:
 - Press for FM, and then select system modes: A Only, A Pref, B Only, B Pref, Home Only.
 - Press for CDMA, and then select system modes: A Only, A Pref, B Only, B Pref, Home Only.
5. When the desired option is displayed, press to save the setting.

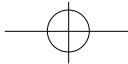
Reset Phone

If you want to reset all of your phone's features to the manufacturer's defaults, you can do so with this feature.

To reset the phone:

1. Press to display the Main Menu.
2. Press for Security.
3. Press for Reset Phone.
4. Press the corresponding key to select the desired mode.
 - Press to reset.
 - Press to cancel.





Message Services

Short Message Services and Voicemail

Your phone receives voicemail notification, text messages, and paging. And your phone transmits text messages and pages. When the phone receives a message, an alert sounds, and a text notification is displayed. The message indicator (✉) remains on the screen until you read the text messages or you listen to the voicemail notification messages.

When message memory reaches 75 percent capacity, the screen displays a text notification and a prompt to erase old messages. At 100 percent capacity, the screen displays a text notification and rejects additional incoming messages until you erase some of the stored messages.

The phone automatically adjusts the incoming message alert volume to the lowest setting when the phone is in Conversation mode.

Incoming voicemail notification and text messages transmit even when the phone is in Lock mode. To access a message, or to return a call other than an emergency number, enter the lock code.

* Contact your service provider to activate Message Service.
Not currently available in all markets.

Reviewing Messages

Your phone receives incoming messages in both Standby and Conversation modes. When a new message arrives, an alert sounds, and the message header is displayed. The message header includes the type of message (Text, Paging, Voicemail Notification) and the name/phone number, if available.

You can review the message upon notification or store the message for later review. The Messages menu provides options for reviewing the name/phone number of the sender, date/time stamp, priority, and the message.

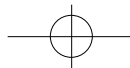
Your phone can store up to 20 pages and text messages, depending on the length of the message.

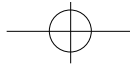
You can erase an individual message after reviewing it, or erase all stored messages at one time.

Reviewing Voicemail Messages

To review voicemail messages:

1. Press to display the Messages Menu.
2. Press for RX Message. The number of new messages is displayed next to the associated message type in the menu.
3. Press for Voicemail. The screen displays "Voicemail", the time, date, and the number of new, unread messages.
4. Press for context-specific options:
 - Press to Listen to voicemail messages.
 - Press to Reset the counter for voicemail messages, if desired. (The system resets the counter automatically after you listen to all new messages).

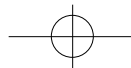




Reviewing Page and Text Messages

To review page and text messages:

1. Press to display the Messages Menu.
2. Press for RX Message. The number of new messages is displayed next to the associated message type in the menu.
3. Press for Page, or press for Text. An indexed list of paging or text messages is displayed. An exclamation point next to an entry indicates an urgent message. A tick(V) beside the entry indicates that you have read and stored the message.
4. Press the scroll keys to highlight a message, and then press to select the highlighted message for review. (You can also press the associated digital key to select a message by its entry number.)
5. When the message is displayed, press to review the message.
6. After reviewing the message, press for context-specific options:
 - Press for Talk (to call the phone number).
 - Press to erase the current message.
 - Press to review the Next message.
 - Press to review the Previous message.
7. Press to return to the standby mode.



Choosing Alert Type for Message Receiving

The phone alerts you when a message is received. You can choose how frequently this happens. The three options are: EVERY 2 MIN, OFF, ONCE.

To set the frequency of alert:

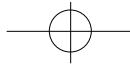
1. Press to display the Message menu.
2. Press for RX Message.
3. Press to select SMS Alert.
4. Press the scroll keys until the desired mode is displayed.
5. Press to save the setting.

Erasing Messages

You can erase all stored messages.

To erase messages:

1. Press to display the Message Menu.
2. Press for RX Message.
3. Press for Erase All.
4. Press to confirm erasing, or press to cancel.



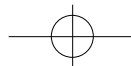
Transmitting Messages

Your phone transmits text messages and paging. Your phone can store up to 10 outgoing messages. And you can store the message for later sending.

Transmitting Paging and Text Messages

To transmit paging and text messages:

1. Press to display the Messages Menu.
2. Press for TX Message.
3. Press for Paging, or press for Messaging.
4. The screen displays to guide you through the process. If you choose to transmit a Text, press the associated alphanumeric key to enter a letter. Press to end a typing.
5. Your phone requests the Destination phone number. The phone uses the number to process later.
6. Enter the desired phone number.
7. Press . The phone requests the Call Back number. This number may be your phone number, office number or home number.
8. Enter the desired phone number.
9. Press . And then the phone requests you to set text messages' priority, if available. Priority options are: NORMAL, URGENT, EMERGENCY.
10. Press . And then the phone processes a transmission. If the processing is finished successfully, you can store the message.



Transmitting Using Stored Messages

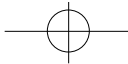
To transmit using Message logs:

1. Press to display the Message Menu.
2. Press for TX Message.
3. Press for TX Box.
4. Press for Stored Messages.
5. When the list of messages is displayed, press the scroll keys to select an entry. If you press , your phone prompts to enter the destination phone number. You can enter other number as a message destination. And then press . The phone processes a transmission. If you press , you can erase the selected entry.

Erasing Messages

To erase messages:

1. Press to display the Message Menu.
2. Press for TX Message.
3. Press for TX Box.
4. Press for Erase All.
5. Press to confirm erasing, or press to cancel.



Safety

For a variety of safety reasons, it is important to consider where you will be using your phone. When using your phone and its accessories, please follow these guidelines:

Compliance with Safety Standards

The SAMSUNG phone meets all standards and recommendations for the protection of the public from exposure to radio frequency (RF) electromagnetic energy established by governmental bodies and other qualified organizations. To reduce the risk of fire, electric shock, serious personal injury, or property damage, please follow these guidelines:

Driving

Using a wireless phone while driving is illegal in some states and countries. Observe the laws and regulations for your area, and pull over the car and park if you need to make a call. If you must use the phone while driving, purchase and install the optional Hands-Free Car Kit.

Electronic Devices

Your wireless telephone is a radio transmitter and receiver. When the power is on, the phone receives and sends out RF energy. Most modern electronic equipment, such as equipment in hospitals and cars, contains an RF signal shield. RF energy may affect some inadequately shielded electronic equipment.

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

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

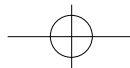
Note if there are any regulations posted in the area regarding the operation of wireless phones, and learn where you can use them safely within the facility.

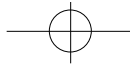
Aircraft

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

Blasting Areas

Construction crews often use remote-control RF devices to set off explosives. To avoid interfering with blasting operations, turn off your phone when you are in a blasting area or in any area with signs posted that read "Turn off two-way radio."



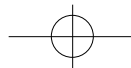


Other Dangerous Areas

Turn off your phone in any area with a potentially explosive atmosphere. It is rare, but your phone or its accessories could generate sparks, which could cause explosion or fire. Areas with a potentially explosive atmosphere may not always be clearly marked. These areas may include:

- Fueling areas, such as gas stations
- Below deck on boats
- Fuel or chemical transfer or storage facilities
- Areas where the air contains chemicals or particles such as grain, dust, or metal powders
- Any other area where you would normally be advised to turn off your vehicle engine

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



Accessories

Batteries

Three types of Li Ion batteries are available for use with your SAMSUNG phone:

- Standard Battery - BTL1068S
- Extended Battery - BTL1668E

Dual-Slot Desktop Charger (DTC68)

The Dual-Slot Desktop Charger charges the battery at your home or office.

Cigarette Lighter Adapter (CHG68)

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

Travel Charger (TC68)

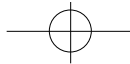
The Travel Charger plugs into a wall outlet and enables you to charge a single battery at your home or office or while traveling.

Hands-Free Car Kit (HF68)

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

Charging Times with Accessories

	Standard Battery	Extended Battery
Dual-Slot Desktop Charger	3.5 hrs.	4.5 hrs.
Travel Charger	2.5 hrs.	3.0 hrs.
Hands-Free Car Kit	4.0 hrs.	6.0 hrs.
Cigarette Lighter Adapter	4.0 hrs.	4.5 hrs.



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 are 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 Multi 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 lightwave information signal. A signal's frequency is stated in cycles-per-second or Hertz (Hz).

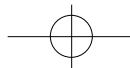
Hands-Free - A feature that permits a driver to use a wireless phone without lifting or holding the handset - an important safety feature for automobiles, tractors and most other motorized vehicles.

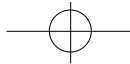
LCD - (Liquid Crystal Display) Commonly used to refer to the screen display on the wireless phone.

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 LED lights on the charger to indicate that charging battery is taking place.

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

RF - Radio Frequency

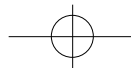




- Roaming** - The ability to use a wireless phone to make and receive calls outside of the home service area.
- Service Charge** - The amount paid each month to receive wireless service.
- SMS** - (Short Message Services) The variety of messaging services available on the SAMSUNG phone, including voice-mail, numeric paging and text messaging.
- Standby Time** - The amount of time a fully charged wireless portable or transportable phone can be on and idle without being in use. (SeeTalk 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.

Licensed by QUALCOMM Incorporated under one or more of the following Patents.

U.S. Patent No.	4,901,307	5,056,109	5,099,204
	5,101,501	5,103,459	5,107,225
	5,109,390		



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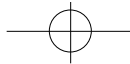
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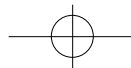
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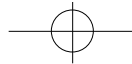
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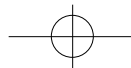
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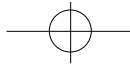
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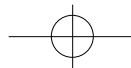
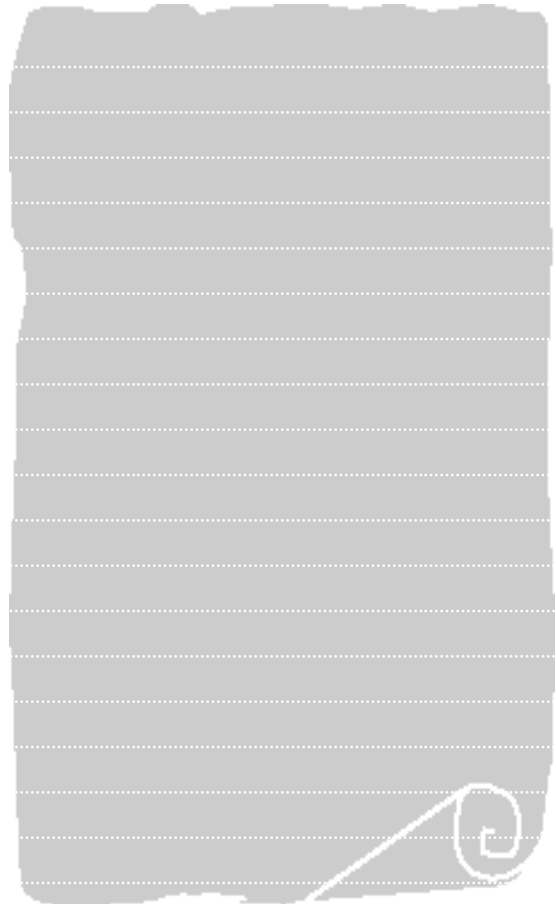
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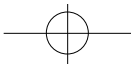
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Memo





Quick Reference Card

SCH-510



BASIC OPERATION		PHONE BOOK	
Turn on/off	PWR (if on)	Store numbers into memory	Phone number + OK OK + (or assign another location) + OK + name + OK
Make a call	Phone number + SEND	Calling by one-touch	Press the last digit of the last digit (9-17) or the last nine memory (6-1)
Receive a call	SEND or ▲/▼ or SEND or Open the flip	Calling by two-touch	Press the last digit of the last digit (9-17) or the last nine memory (6-1)
Adjust speaker volume	▲/▼ (in conversation mode)		
Adjust keytone	▲/▼ (in Standby mode)		
Mute/unmute	MENU 1 + ▲/▼ (if on the phone)		

OTHERS

MENU 5 +

Send own #

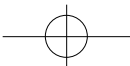
MENU 1 +

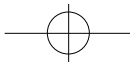
Mute/unmute

MENU

Main Menu (to access Press Menu)

1. Calls ⇨	1. Outgoing 2. Incoming 3. Erase Logs 4. AirTime	6. Voice Dial ⇨	1. Record 2. Review 3. Erase All 4. Set Active
2. Phone Book ⇨	1. FindName 2. My Phone # 3. Add Entry 4. Find Entry	7. Setup ⇨	1. Auto Retry 2. Auto Rev 3. Auto Hidden 4. Anykey/Ans 5. Tone Length 6. Tone 7. Set Time
3. Sounds ⇨	1. Ring 2. Key Beep 3. Alerts 4. ReindCall 5. Diff. Ring	0. Security ⇨	1. Lock Phone 2. Restrict 3. Lock Code 4. Emergency # 5. Send PIN 6. Off Memory 7. NAV Mode 8. Block Own # 9. System Set 0. Reset Phone
4. Display ⇨	1. Back Light 2. Greeting 3. Version 4. Language		
5. Analog Call			





**DIGITAL PORTABLE
CELLULAR TELEPHONE
SCH-510**

Owner's Manual



Printed in Korea
Code No.: GH68-xxxxxA
U.S.A 98/11. Rev.1.0

Please read this manual before operating the phone,
and keep it for future reference.

