SPH-A720
User's Manual
for Draft Version

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

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Important safety precautions

Read these guidelines before using your wireless phone. Failure to comply with them may be dangerous or illegal.

Road safety at all times

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

Switching off when refuelling

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

Switching off in an aircraft

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

Switching off near all medical equipment

Switch off your phone near medical equipment. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy. Follow any regulations or rules in force.

Interference

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

Special regulations

Meet 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).

Water resistance

Your phone is not water-resistant. Keep it dry.

Sensible use

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

Emergency call

Key in the emergency number for your present location, then press the key. Give all the necessary information as accurately as possible. Do not end the call until given permission to do so.

Keeping small children away from your phone

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

Accessories and batteries

Use only Samsung-approved accessories. Use of any unauthorized accessories could damage your phone and may be dangerous.

Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers.

Qualified service

Only qualified service personnel may repair your phone.

For more detailed safety information, see "Health and safety information" on page 65.

CAUTION

RISK OF EXPLOSION IF A BATTERY IS REPLACED BY AN INCORRECT TYPE.

DISPOSE USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

Unpacking

Your package contains the following items.

Handset	Battery
Desktop Charger	Start Here Guide
Headset	CD
Welcome to Sprint Card	Terms & Conditions Card

In addition, you can obtain the following accessories for your phone from your local Samsung dealer:

- Headset
- Standard and Extended batteries
- Hands-free car kit
- Bluetooth headset kit
- Car charger/ adapter
- Cigarette lighter adapter
- Data cable
- Bluetooth full hands-free kit

Your phone

Key Description

Key(s)	**Description**
soft keys	Performs the functions indicated by the screen text on the bottom line of the display.
Navigation keys	In Standby mode, quickly enters your favorite menus.In Menu mode, scrolls through menu options.
OK key	In Standby mode, enters the Pics. video menu. In Menu mode, selects the currently highlighted menu or option, or confirms your input.
TALK key	Makes or answers a call. In Standby mode, retrieves the most recent numbers dialed, received, or missed. Redials the last number when pressed and held.
END key	Ends a call. Also switches the phone on and off when pressed and held. In Menu mode, cancels your input and returns to Standby mode.
BACK key	Deletes characters from the display. In Menu mode, returns to the previous menu level.
Numeric keys	Enters numbers, letters, and some special characters.

Key(s)	**Description** (continued)
* key	In Standby mode, initiates the voice command feature when pressed and held. In the text entry mode, changes case of letters.
# key	In Standby mode, quickly enters or exits Silent mode when pressed and held. In the text entry mode, inserts a space.
Camera key	In Standby mode, allows you to quickly access the **Camera** menu. Also turn on the camera when pressed and held. In Capture mode, takes a photo or starts recording a video.
Volume keys	(on the left side of the phone) During a call, adjust the earpiece volume. In Standby mode, adjusts the key tone volume. In Menu mode, scrolls through menus.

Display

Layout

The display has 3 areas; the top line of icons, the text and graphics area, and the bottom line of soft key indicators.

Icons

Icon	Description
	Signal strength: Shows the received signal strength. The greater the number of bars, the better the signal.
	Service: Appears when a call is in progress.
	No service: Appears when you are outside a service area. When it displays, you cannot make or receive calls. Wait a little while for a better signal or move into an open area to regain service.
	Alarm mode: Appears when you set an alarm to ring at a specified time.
	Ringer on: Appears when you set the ringer volume for calls to one from **Level 1**~**8**, **1-Beep** or **Vib+Ring**.
	Ringer off: Appears when you set the volume of the call ringer to **Silent**.
	Vibration mode: Appears when the ringer volume for calls is set to **Vibrate**, or when your phone is in Silent mode.
	Silent mode: Appears when the phone is Silent mode.
	Battery status: Shows the level of your battery. The more bars you see, the more power you have remaining.

Backlight

The backlight illuminates the display and the keypad. When you press any key or open the phone, the backlight illuminates. It turns off if no key has been pressed within a given period of time, depending on the setting in the **Backlight** menu

The backlight remains on at all times when the phone is connected to an optional car kit.

Service light

The service light on the bottom tip of the phone flashes to indicate an incoming call, a message, or an alarm and flashes for a few seconds when you turn on or off the phone.

It flashes while the battery is charging with the travel adapter; it turns green when the battery is fully charged.

Camera

The camera embedded in your phone allows you to take a photo or record a video while on the move.

Getting started

Using the battery

Your phone is powered by a rechargeable Li-ion battery. Use only approved batteries and chargers. Ask your local Samsung dealer for further details.

Note: You must fully charge the battery before using your phone for the first time.

Installing the battery

1. Place the battery so that the tabs on the end align with the slots at the bottom of the phone.
2. Press the battery until it clicks into place. Make sure that the battery is properly installed before switching the phone on.

Removing the battery

1. If necessary, switch off the phone by pressing and holding the END key until the power-off image displays.
2. Slide the battery lock towards the top of the phone and lift away the battery, as shown.
1. With the battery in position on the phone, plug the connector of the travel adapter into the jack at the bottom of the phone.

Low battery indicator

When the battery is weak and only a few minutes of talk time remain, a warning tone sounds and a message repeats at regular intervals on the display. In this case, your phone turns off the backlight to conserve the remaining battery power.

When the battery level becomes too low, the phone automatically turns off.

Switching on or off the phone

1. Open the phone.
2. Press and hold the END key until the power-on image displays to switch on the phone.

   The service light on the phone flashes and an alert sounds. When the system locates services, the greeting message displays along with the time and date. You can now place and receive calls.

   If the phone is out of service, the No Service icon ( ) appears on the display. In this case, you cannot place and receive calls. You can try again later when service is available.
3. When you wish to switch off the phone, press and hold the END key until the power-off image displays.

WARNING!

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

Using the soft keys

Your phone offers a set of functions that allows you to customize and use it. These functions are arranged in menus and submenus, accessed using the two soft keys. Each menu and submenu allows you to view and alter the settings of a particular function.

The roles of the soft keys vary depending on the current function you are using; the labels on the bottom line of the display just above each key indicate their current role.

Your phone's modes

Standby mode

Standby is the most basic state of your phone. The phone goes into Standby mode after you turn it on or whenever you briefly press the END key. When your phone is in Standby mode, you will typically see the greeting message and the current time and date.

Press the END key at any time to return to Standby mode. Be careful; if you are on a call when you press the END key, the call disconnects and the phone returns to Standby mode.

Talk mode

You can place and answer calls only when your phone is turned on. During a call, the phone is in Talk mode.

Lock mode

When you lock your phone using the **Lock Phone** menu, you cannot use the phone. In Lock mode, you can receive messages and calls, but you cannot place an outgoing call until you unlock the phone.

Using the Keypad Lock feature

You can open the phone to use the number keypad and close so that it takes up less space.

When you close the phone, the display turns off and the phone automatically locks the exposed function keys so that even if they are pressed accidentally, nothing will happen.

To unlock the keypad, press and hold one of the Volume keys, press the **Unlock** soft key, and then press the **OK** soft key.

The keypad is activated and you can use the phone's functions.

Call functions

Making a call

In Standby mode, enter the area code and phone number and press the SEND key.

Send: sends a message to the number.

Save: saves the number in Contacts.

P Pause: enters a hard pause.

T Pause: enters a 2-second pause.

Ending a call

When you want to end your call, press the END key.

The call time, the length of the call, displays along with the phone number of the called person. If the number is stored in your Contacts, the name displays. If there is no match, you can store the number in Contacts.

Alternatively, simply close the phone to end a call.

Emergency dialing

You can place calls to standard emergency numbers, even if your phone is locked or all of the outgoing calls are restricted.

Making a call from the recent call logs

The phone stores up the calls you have dialed, received, or missed chronologically. The last call is saved in the first position.

To recall any of these numbers:

1. In Standby mode, press the SEND key to access call logs. The list of recent calls displays.
2. Press the Navigation keys, or the Volume keys on the left side of the phone until you find the number you want.
3. Press the SEND key to dial the highlighted number.

Making a call from Contacts

You can store the phone numbers you called regularly in the phone's memory, which is called "Contacts". You then simply recall the number by pressing the OK key and selecting from the Contacts list.

Speed dialing

Once you have stored phone numbers from your Phonebook list, you can set up speed dial entries and then dial them easily whenever you want, simply by pressing the associated numeric key.

To speed dial, in Standby mode, enter a speed dialing number you have set and press the SEND key to dial the number. You can also press the first digit briefly, then hold down the second digit of the speed dialing number.

Pause dialing

When you call an automated system, like a banking service, 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 Contacts, separated by pauses.

There are 2 kinds of pauses that can be entered on your phone:

- **P pause**: A hard pause stops the dialing sequence until you press the SEND key.
- **T pause**: A 2-second pause stops the dialing sequence for two seconds and then automatically sends the remaining digits.

Storing pauses in a Contacts entry

To store a number in your Contacts that contains pauses:

1. In Standby mode, enter a phone number you want to store, such as the bank's teleservice phone number.
2. Press the **Options** soft key.
3. Select the required pause type and press the **OK** soft key.
   - **P Pause**. The letter "P" displays, meaning that a hard pause will occur at that point in the dialing sequence.
   - **T Pause**. The letter "T" displays, meaning that a "2-second" 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. Repeat steps 2 through 4 to add more pauses and numbers, if necessary.

6. Press the OK key to store the number in your Contacts as you normally would when storing a number.

Pause dialing from a Contacts entry

1. Dial the number of the service from Contacts.

   For further details about finding a number, see page 51.

2. For a hard pause(s), wait for the appropriate prompt from the number you are calling. When prompted, press the SEND key to send the DTMF (Dual tone multi-frequency) number that follows the pause.

   For a 2-second pause(s), your phone transmits the number that follows the "T" pause two seconds after the connection.

   "Sending DTMF" flashes on the display and the transmitted tone sounds.

3. Repeat from step 2, if necessary.

Voice dialing

Once you have stored a phone number in Contacts, you can dial it simply by saying the associated name or the number.

Before using the voice dial feature, you first need to programme your phone to recognize your voice and pronunciation in the **Adapt Digits** menu

Adjusting the volume during a call

During a call, if you want to adjust the earpiece volume, use the Volume keys on the left side of the phone.

The image on the display shows all 8 levels; the more bars, the higher level.

In Standby mode, you can also adjust the keypad tone volume using these keys.

Answering a call

When somebody calls you, the phone alerts you by ringing and blinking the service light.

If the caller can be identified, the caller's phone number, or name if stored in your Contacts, displays.

There are 2 ways to answer a call depending on your setting in the **Call Answer** menu

If you select	To answer the call,
TALK Key	press the TALK key.
Flip Open	open the phone. If the phone is already open, press the SEND key.
Any Key	press the Any key except the END key.

To end the call, close the phone or press the END key.

Viewing missed calls

If you fail to answer a call for any reason, the phone indicates the missed call by displaying a text notification on the screen. Additionally, if caller information is available, the screen displays the phone number of the last missed call along with the time and date the call was made.

When the display informs you of the missed call, press the SEND key to dial the missed number, or the END key to clear the message and return to Standby mode.

To view missed calls, access the **Missed** menu.

Options during a call

Your phone provides a number of functions that you can use during a call.

Press the **Options** soft key during a call to access the options.

Using caller ID

This feature tells you who is calling you by displaying the caller's number when the phone rings. If the name and number are stored in your Contacts, the corresponding name is also displayed. If you call someone who has this feature, your phone number displays on her/his phone.

Note: Contact your service provider to set up the Caller line identification service.

Call forwarding

This network feature allows you to forward incoming calls to another phone number, even while your phone is turned off. Activating Call forwarding does not affect outgoing calls made from your phone.

Note: Contact your service provider to activate Call forwarding.

Call waiting

Call waiting lets you receive a second call during a conversation. Your phone notifies you of a waiting call by beeping and displaying "Call waiting."

Your network provides you with the option of turning the Call waiting feature on and off, if you have subscribed to the service. Call waiting is on by default in the phone. If you choose to have a undisturbed conversation, simply turn off the feature for the current call.

Note: If you do not respond to a Call waiting notification, the phone will forward the call to voice mail server or another number that you have specified. Contact your service provider for more information.

Three-way calling

This feature enables you to conduct conference calls with 2 separate people at the same time. The phone records both of them into the Outgoing calls log and you are billed air time for each of outgoing calls separately. Contact your service provider to activate Three-way calling.

To place a Three-way call:

1. During a conversation, press the SEND key. The phone places the other person on hold.

2. Enter the phone number for the third person, and then press the SEND key. The phone dials the third person.

3. When you are connected to the person, press the SEND key again to begin your three-way call.

If one of the callers (not you) hangs up, you and remaining caller stay connected. If you initiated the call and you hang up first, all 3 participants are disconnected.

Entering text

At many times when using your phone, you will need to enter text, such as when storing a name in Contacts, creating your personal greeting, or scheduling events on your calendar. You can enter alphanumeric characters into your phone using your phone's keypad.

Your phone has the following text input modes:

- **T9 English mode**: This mode allows you to enter words with only one keystroke per letter. Each key on the keypad has more than one letter; for example, pressing 5 H can enter J, K, or L. However, T9 English mode automatically compares the series of keystrokes you make with an internal linguistic dictionary to determine the most likely word, thus requiring far fewer keystrokes than the traditional Alphabet mode.
- **Alpha mode**: This mode allows you to enter letters by pressing the key labeled with the letter you want. Press the key once, twice, three or four times until it displays.
- **123 mode**: This mode allows you to enter numbers.
- **Symbol mode**: This mode allows you to enter various symbols and special characters.

Changing the text input mode

When you are in a field that allows characters to be entered, you will notice the text input mode indicator on the display.

Using T9 English mode

T9 is a predictive text input mode that allows you to key in any character using single keystrokes. This text input mode is based on a built-in dictionary.

To enter a word in T9 English mode:

1. Press the keys on the phone just once per desired letter. For example, to enter "hello", press 4,3 5,5 and 6 key.

2. The word that you are typing appears on the display. It may change with each key that you press.

3. Type to the end of the word before editing or deleting any keystrokes.

4. Insert a space between each word by pressing the # key.

   If the word doesn't display correctly, press the 0 key repeatedly to display alternative word choices for the keys that you have pressed.

   Example: Both "of" and "me" use 6 and 3 key. The phone displays the most commonly used choice first.

5. Continue entering the next word.

Note: To type words not found in T9 English mode, you need to change the text input mode to Alpha mode.

Smart punctuation

Periods, hyphens, and apostrophes are available by pressing the 1 key. T9 English mode applies rules of grammar to insert the correct punctuation.

Changing the letter case

To shift the case of the next letter(s) that you type, press the * key . There are 3 cases:

- Lower Case (**T9abc**)
- Initial Capital (**T9Abc**)
- Capitals Lock (**T9ABC**)

Inserting a space

Press the # key to insert a space between words.

Inserting a number

You can insert a number between letters without exiting T9 English mode. Press and hold the corresponding number key.

Scrolling

To move the cursor to the left or right through your text, press the Navigation keys.

Clearing letters and words

Press the BACK key once or repeatedly to clear letters one by one to the left. Press and hold the BACK key to erase all of the letters on the display.

Using Alpha mode

When typing in Alpha mode, you need to press the keys labeled with the required letter:

- once for the first letter
- twice for the second letter
- and so on

This method is called multi-tap typing.

For example, you press the 2 key 3 times to display the letter "C" and the 3 key 2 times to display the letter "K."

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 to the right automatically, and then enter the next letter.

Changing the letter case

To shift the case of the next letter(s) that you type, press the * key. There are 3 cases:

- Initial Capital (**Abc**)
- Capitals Lock (**ABC**)
- Lower Case (**abc**)

Inserting a space

Press the # key to insert a space between words.

Inserting a number

You can quickly insert a number between letters. Press and hold the corresponding number key.

Scrolling

To move the cursor through your text message, press the Navigation keys.

Clearing letters and words

Press the BACK key once or repeatedly to clear letters one by one to the left. Press and hold the BACK key to erase all of the letters on the display.

Using 123 mode

Number mode enables you to enter numbers.

Press the keys corresponding to the digits you want to enter and manually switch back to the text entry mode of choice.

Using Symbol mode

Symbol mode enables you to enter symbols.

Press the Navigation keys to display more symbol sets.

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

Using the menus

This phone offers a range of functions that allow you to tailor the phone to your needs. These functions are arranged in menus and submenus. They can be accessed by scrolling or by using the shortcuts.

Accessing a menu function by scrolling

1. In Standby mode, press the **Menu** soft key to access Menu mode.

2. Scroll using the Navigation keys to reach the main menu, for example, **Settings**. Press the **OK** key to enter the menu.

3. If the menu contains any submenus, for example,**Others**, find the one you want by scrolling using the Navigation keys. Press the **OK** key to enter the submenu.

   If the menu you have selected contains submenus, repeat this step.

4. Scroll using Up or Down key to find the setting of your choice.

5. Press the OK key to confirm the chosen setting.

Notes:
- You can return to the previous menu level by pressing the BACK key.
- You can exit the menu without changing the menu settings by pressing the END key.

Using shortcuts

The menu items, such as menus, submenus, and setting options, are numbered and can be accessed quickly by using their shortcut numbers.

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

1. In Standby mode, press the **Menu** soft key to access Menu mode.
2. Enter the first digit of the shortcut number. Repeat this for each digit of the shortcut number.
3. Scroll using the Navigation keys to select the setting of your choice.
4. Press the OK key to confirm the chosen setting.

List of menu functions

The following list shows the menu structure and indicates the number assigned to each option.

1. Web

2. Call History

- 2.1 Outgoing Calls
- 2.2 Incoming Calls
- 2.3 Missed Calls
- 2.4 Recent Calls

3. Media Player

4. On Demand

5. Missed Alerts

6. Music

7. My Content

8. Messaging

- 8.1 Send Message
- 8.2 Text Message
- 8.3 Picture Mail
- 8.4 VoiceSMS
- 8.5 IM & Email
- 8.6 Voicemail
- 8.7 Chat & Dating
- 8.8 Premium Msg
- 8.9 Settings

9. Tools

9.1 Mass Storage
9.2 Voice Service
9.3 Voice Memo (
9.4 Bluetooth
9.5 Planner
9.6 Memo Pad
9.7 World Time
9.8 Alarm Clock
9.9 Claculator

0. Contacts

0.1 Find
0.2 Add New Entry
0.3 Speed Dial #s
0.4 Group
0.5 My Name Card
0.6 Services

*. Pictures

*.1 Camera
*.2 Camcorder
*.3 Picture Mail
*.4 My Albums
*.5 Order Prints
*.6 Pictbridge Print
*.7 Setting and Info

#. Settings

#.1 Display
#.2 Sounds
#.3 Power Vision
#.4 Voice Service
#.5 Security
#.6 Roaming
#.7 Launch Pad
#.8 Others
#.9 Phone Info
#.0 Bluetooth

Web

With Web access on your Sprint PCS Vision Phone, you can browse full-color graphic versions of your favorite Web sites, making it easier than ever to stay informed while on the go. Follow sports scores and breaking news and weather and shop on your Sprint PCS Vision Phone anywhere on the Sprint Nationwide PCS Network.

In addition to the features already covered in this section, the Sprint PCS Vision home page offers access to these colorful, graphically rich Web categories, including News, Weather, Entertainment, Sports, Finance, Travel, Shopping, Tools, and Business Links, as well as useful management options including My Account and Search. Many sites are available under more than one menu . choose the one that's most convenient for you.

Call History

You can use the Call History menu to:

- .View and dial the missed, outgoing or incoming numbers.
- Erase the numbers in the Call Log memory.

Outgoing Calls *(Menu 2-1)*

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

Incoming Calls *(Menu 2-2)*

This option lets you view the last 10 calls received. (if you are subscribed to the caller ID service). When you access this menu, the last incoming calls are displayed.

Missed Calls *(Menu 2-3)*

This option lets you view the last 10 calls missed. (if you are subscribed to the caller ID service). When you access this menu, the last missed calls are displayed.

Recent Calls *(Menu 2-4)*

Use All recent to view received, dialed, and missed calls for your phone. You can also use All recent to erase your call history and view Call Timers.

While viewing All recent, you have options such as saving recent call numbers to your Phonebook, sending messages to recent call numbers, and prepending (editing) numbers before saving.

Media Player

Your Sprint PCS Vision Multimedia Phone's built-in media player gives you the ability to listen to audio clips and view video clips right from your phone's display. It's a great way to stay up-todate with news, weather, and sports information while also enjoying the latest blockbuster movie trailers or music videos . anywhere, anytime on the Sprint Nationwide PCS Network. Just access your media player from your phone's main menu, scroll to your choice of channel, and select one of the video or audio clips to play. It's like having a TV in the palm of your hand.

This section explains the features and options of your phone's built-in media player.

On Demand

The On Demand feature from Sprint Power Vision makes it easier than ever to retrieve the most popular Web information and categories instantly. On Demand uses the ZIP code you provide to customize the content it retrieves to your area, so you can get the information you want, when you want it.

On Demand acts like a PC browser's customized home page, displaying a variety of top categories such as News, Sports, Weather, Money, Movies, and more, tailored to your preferred area. These categories and the associated information are updated continuously throughout the day, so you'll always be up-to-date and in-the-know. In addition to presenting a number of fixed categories, On Demand also offers optional categories you can select (for an additional monthly charge), allowing you faster access to the information you really want.

Missed Alerts

There are several ways your Sprint PCS Phone alerts you of missed events.

Music

Your Sprint Power Vision service allows you to access the Sprint Music Store, an online music distribution site that lets you purchase and download digital music files to play on your Sprint Power Vision Multimedia Phone.

My Content

With Sprint PCS Vision and your new Sprint Power Vision Phone, you have access to a dynamic variety of Premium Service content, such as downloadable Games, Ringers, Screen Savers, and other applications. (Additional charges may apply.) The basic steps required to access and download Premium Service content are outlined below.

Messaging

Send Message *(Menu 8-1)*

1. Enter the number or e-mail address of the recipient and press OK.
2. Enter your message using the keypad. Press the Option soft key. A pop-up menu appears in the display.
3. Use the navigation key to select the input mode (ABC, T9Word, Symbol, or 123). Also use the navigation key to choose the text format, or if you wish to Add Media such as a picture, animation, melody, or a canned message.
4. Once you're finished entering your message, press OK.
5. Press the Send soft key. Your message is sent to the intended recipient.

Text Message *(Menu 8-2)*

You can use following options in this menu :

Inbox

New messages are stored in your inbox.

1. Use the navigation key to highlight the message you wish to view.
2. Press OK to view the contents of the message.

Outbox

Your phone stores messages in Outbox, regardless of whether the message was successfully transmitted.

Drafts

Draft messages are those that have been composed but never sent. You can return to the Draft folder at any time to view, edit, or send a draft message.

Send Message

You can send message from Inbox.

Picture Mail *(Menu 8-3)*

You can send or receive picture mail in this menu.

VoiceSMS *(Menu 8-4)*

In addition to sending and receiving SMS Text Messages, your phone is enabled with SMS Voice Messaging. With SMS Voice Messaging, you can quickly and easily send a voice message to other SMS-enabled Sprint PCS Phones or working email addresses without making a phone call. Just record a message and send it directly to the recipient's phone messaging inbox.

IM & Email *(Menu 8-5)*

Sprint PCS Vision also provides you with access to popular instant messaging (IM) clients, including AOL Instant MessengerTM, MSN Messenger, and Yahoo! Messenger.

With Sprint PCS Vision, you can use popular email services such as AOL Mail, Yahoo! Mail, MSN Hotmail and EarthLink to keep in touch, even while you're on the go.

Voicemail *(Menu 8-6)*

All unanswered calls to your Sprint PCS Phone are automatically transferred to your voicemail, even if your phone is in use or turned off. Therefore, you will want to set up your Sprint PCS Voicemail and personal greeting as soon as your phone is activated.

Chat & Dating *(Menu 8-7)*

Sprint PCS Vision gives you the ability to join wireless chatrooms from your phone, to send text messages and icons to chatroom participants, or to launch a one-on-one (private) chatroom.

Premium Msg *(Menu 8-8)*

Settings *(Menu 8-9)*

Staying connected to your friends and family has never been easier. With your phone°Øs advanced messaging capabilities, you can send and receive many different kinds of text messages without placing a voice call. Your phone,s messaging settings make text messaging even faster and easier by letting you decide how you would like to be notified of new messages, create a signature with each sent message, and create your own canned messages, to name just a few.

Tools

Mass Storage *(Menu 9-1)*

The mass storage tool allows you to connect a USB data cable from your phone to a PC, manage your files using the file manager, and check the available memory information.

Voice Service *(Menu 9-2)*

Your Sprint PCS Phone's Voice Services let you place calls using your voice. This section includes easy-to-follow instructions on using voice-activated dialing.

Voice Memo *(Menu 9-3)*

You can use your phone's Voice Services to record brief memos to remind you of important events, phone numbers, or grocery list items.

Bluetooth *(Menu 9-4)*

Bluetooth technology enables cost-free wirelessconnections between electronic devices within a maximum range of 10 meters. A Bluetooth connection can be used to send photos, images, videos, phonebook, scheduled items, and to connect wirelessly to devices using Bluetooth technology, such as computers. Since Bluetooth devices communicate using radio waves, your phone and the other Bluetooth device do not need

to be in line of sight to each other. The 2 devices only need to be within a maximum of 10 meters of each other, although the connection can be subjected to interference from obstructions, such as walls or other electronic devices. In some countries, there may be restrictions on using Bluetooth devices.Please contact your service provider.

Enable/Disable

This feature allows you to activate the Bluetooth feature. When this option is set to On, the Bluetooth icon appears.

Search Device

This feature allows you to search for connectable Bluetooth devices.

Planner *(Menu 9-5)*

Today

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

Scheduler

This option allows you to view in calendar format the current month, or a past of future month. In

this option, the current date is highlighted on the calendar. Days with the scheduled events are underlined.with the scheduled events are underlined.

Task List

This feature allows you to draw up a list of tasks to be done and assign a priority and deadline to each task.

Countdown

This menu help you know how much time it takes you to do something, or how many months, days, hours and minutes until a specific day. You can create up to 20 Count down timers using this menu.

Memo Pad *(Menu 9-6)*

This feature allows you to write down memos. You can enter up to 60 characters for each memo. If memos are already saved, scroll to the desired item by pressing up or down navigation key.

The following options available; .

Erase: allows you to erase a selected memo.

Erase All: allows you to erase memos.

World Time *(Menu 9-7)*

This menu allows you to check the current time for Greenwich Mean Time (GMT) and 24 major cities around the world: Select the city corresponding to your time zone by pressing the navigation keys one or more times. The local date and time are displayed.

Alarm Clock *(Menu 9-8)*

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

Calculator *(Menu 9-9)*

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

Contacts

Contacts allows you to store frequently used phone numbers and the associated names in your personal directory to make it easy for you to make a call without having to remember or enter the phone number. You can store up to 500 entries including E-mail and URL addresses.

Find *(Menu 0-1)*

This menu allows you to find an entry using a person's name, entry number, or group name in your Contacts.

To change the finding method, press the navigation keys until the option you want displays; **By Name**, **By Speed Dial**, or **By Group**.

Add New Entry *(Menu 0-2)*

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

Speed Dial #s *(Menu 0-3)*

Speed dialing allows you to press and hold a key (or keys) to dial the number associated with those key(s).

There are three types of speed dialing; 1-touch, 2-touch, and 3-touch dialing.

Group *(Menu 0-4)*

This menu allows you to change the settings for the caller groups. You can create groups and edit the groups. You can also send a message to an entry(ies) you selected from a group.

My Name Card *(Menu 0-5)*

My Name Card allows you to create a virtual business card. Once completed, you can send the card to recipients as a V-card attachment..

Services *(Menu 0-6)*

Your Contacts are preprogrammed with phone numbers for various Sprint PCS Services.

Pictures

Camera *(Menu *-1)*

In this menu, you can take a picture. The camera produces JPEG pictures.

Camcorder *(Menu *-2)*

Your phone is capable of recording short videos (and audio) of up to a few seconds in length. Saved videos are stored in the My Videos.

Picture Mail *(Menu *-3)*

Once you've taken a picture, you can use the messaging capabilities of your Sprint PCS Vision Picture Phone to instantly share it with family and friends. You can send a picture to up to ten people at a time using their email addresses or their Sprint PCS Phone Numbers.

My Albums *(Menu *-4)*

In this menu option, you can review the pictures you have taken.

Order Prints *(Menu *-5)*

Order Prints to order printed copies of the image from an online printer.

Pictbridge Print *(Menu *-6)*

Using this menu option, you can select pictures, adjust print setting and execute print function.

Settingd and Info *(Menu *-7)*

Using this menu option, you can change information about your web page account.

Accessing the Online Albums menu option connects your phone to the wireless web. Once you are connected to the web, the setting options displays.

Settings

Display *(Menu #-1)*

Screen saver

You can select an image to be displayed in idle mode.

Set foreground

A foreground image can be used to display a calendar, clock, or other images on top of the background image.

Incomig Call

To display the picture for all incoming calls. You can select either With Caller ID or No Caller ID

Greeting

The banner option allows you to edit the greeting displayed on the standby screen. Enter your greeting using the alphanumeric keys.

Backlight

You have several options for setting how the LCD, keypad backlight operates. Remember that backlight use drains your battery faster.

Service Light

This menu allows you to select whether or not the service light on.

Sounds *(Menu #-2)*

Ringer Volume

This menu option allows you to adjust the ringer volume.

Calls: allows you to adjust the ringer volume for the incoming calls.

Messages: allows you to adjust the ringer volume for the messages.

Alarms: allows you to adjust the ringer volume for the alarms.

Press up or down navigation key to adjust the volume or select the type.

Volume Level: adjust the volume level (the more bars, the louder).

Vibrate: switches the phone to vibration mode. An incoming call vibrates the phone.

1 Beep: sounds a beep.

Off: does not sound the ring.

Ringer Type

This option allows you to set a unique ring for voice calls, messages, data/fax, alarm, and planner. Select a unique ring tone for each status. As you change it, it sounds for a few seconds.

Note: You can download 5 melodys using PC Link.

Voice Calls: allows you to set a unique ring for an incoming voice call.

Messages: allows you to have a distinctive ring for a voice mail, page, text message or browser message.

Schedule: allows you to have a distinctive ring for a planner alarm.

Alerts

Minute Beep: With this menu option set to ON, the phone sounds an alert 10 seconds before each elapsed minute to remind you of the length of the current call.

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

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

Sig. Fade Tone: When this option is set to On, the phone sounds an alert when a dropped call occurs during conversation in response to a signal fade.

Power On/Off:When this option is set to On, the phone sounds when you turn on or off the phone.

Key tone

Using this menu, you can set up the keypad tone that the phone sounds when you press a key.

Power Vision *(Menu #-3)*

With your Sprint Power Vision Phone and Sprint PCS Service, you are ready to start enjoying the advantages of Sprint PCS Vision. This section will help you learn the basics of using your Sprint PCS Vision services, including managing your User name, launching a Vision connection, and navigating the Web with your phone.

Voice Service *(Menu #-4)*

Your Sprint PCS Phone's Voice Services let you place calls using your voice. This section includes easy-to-follow instructions on using voice-activated dialing.

Security *(Menu #-5)*

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

To access the security menu, you must enter a four-digit lock code. The lock code is preset to 0000 at factory.

Lock Phone

When the phone is locked, you cannot operate the phone until you enter the lock code.

The following options are available:

Unlocked: the phone remains unlocked.

On power up: the phone locks automatically at the next time your phone turned on.

Lock Now: the phone locks immediately.

Lock Pic/Video

When the picture/video is locked, you cannot enter the camera mode until you enter the lock code.

Change Lock

This feature allows you to change your current lock code to a new one. The lock code is preset to 0000 at factory. Enter a new, four-digit lock code, then press OK.

Special

Your phone provides the option of storing emergency numbers. All emergency numbers can be manually dialed at any time even when your phone is locked or all default priority numbers are depending on your service provider.

To store an emergency number, select a location using a numeric keys or up or down navigation key and enter the desired number. Each priority number can be up to 32 digits long. The number already stored in the location is automatically deleted when you enter the new number. To make an emergency call in Lock mode, simply enter the emergency number, then press the TALK key.

Erase Contacts

This menu allows you to erase all the numbers in your Contacts and the voice dial.

When a confirmation message displays, press OK to clear the memory.

Erase My Content

This menu allows you to erase all the downloads in the memory.

Erase Pic/Video

This menu allows you to erase all the pictures/ videos in my pictures.

Reset Favorites

Resetting the Account Info erases all of your saved options and returns them to the factory default settings.

Reset Phone

Resetting the phone erases all of your saved options and returns them to the factory default settings. Your Phone Book, Call Logs, and SMS messages remain.

The phone reboots (turns itself off then on), restores the default settings, and then returns to Standby mode.

Lock Service

This setting allows you to lock voice call functions and Sprint PCS Vision services. When you enable Lock Services, you are unable to make new calls (excluding emergency numbers) or access the Sprint PCS Vision services until the lock has been disabled in the Security menu.

Roaming *(Menu #-6)*

Set your phone to sound a unique tone when a call is received outside a network service area. This feature is set to Off by default.

Launch Pad *(Menu #-7)*

The Navigation Keys can be used as shortcut keys. In stanby mode, they allow you to access specific menu directly.

Others *(Menu #-8)*

Call Setup:

-Abbrev. Dial: Sets the abbreviation dialling on or off.

-Contacts Match: Contacts Match allows you to enter the last 3-6 digits of a phone number stored in the Contacts and press TALK key to dial without having to enter the remaining digits.

-Restriction: Allows you to limit the phone from making outgoing calls to only those listed in the phonebook or programmed in special's.

-Call Answer: Allows you to determine what action will answer

-Auto Answer: With this menu option activated, the phone automatically answers calls after predefined time. This option is useful while driving, for instance.

Language: Sets the language of voice prompts, menus and key input.

Select the desired language by pressing the navigation key.

Airplane Mode: Airplane Mode allows you to use many of your phone's features, such as Games, Memo Pad, Voice Memos, etc.,

when you are in an airplane or in any other area where making or receiving calls or data is prohibited. When your phone is in Airplane Mode, it cannot send or receive any calls or access online information.

Location:Your PCS Phone is equipped with a Location feature for use in connection with location-based services that may be available in the future.

Audio Routing:

TTY Options: A TTY (also known as a TDD or Text Telephone) is a telecommunications device that allows people who are deaf, hard of hearing, or who have speech or language disabilities, to communicate by telephone.

Update Phone SW:

Phone Info *(Menu #-9)*

Allows you to view phone nubmer, icon glossary, s/w and h/w version and advanced information.

Bluetooth *(Menu #-0)*

Bluetooth technology enables cost-free wirelessconnections between electronic devices within a maximum range of 10 meters. A Bluetooth connection can be used to send photos, images, videos, phonebook, scheduled items, and to connect wirelessly to devices using Bluetooth technology, such as computers. Since Bluetooth devices communicate using radio waves, your phone and the other Bluetooth device do not need to be in line of sight to each other. The 2 devices only need to be within a maximum of 10 meters of each other, although the connection can be subjected to interference from obstructions, such as walls or other electronic devices. In some countries, there may be restrictions on using Bluetooth devices.Please contact your service provider.

Enable/Disable

This feature allows you to activate the Bluetooth feature. When this option is set to Enable, the Bluetooth icon appears.

Visibility

This feature allows you to set whether or not your phone is available to other Bluetooth devices.

Device name

This feature allows you to change your phone's Bluetooth device name, which is displayed on other devices.

Exchange FTP Folder

You can send and receive files between your handset and PC via Bluetooth using the FTP transfer protocol.

Device Info: allows you to view the information of the selected device.

Health and safety information

Getting the Most Out of Your Reception

Keeping Tabs on Signal Strength

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal. If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after 15 minutes of searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability; you can also check it yourself by pressing any key. Anytime the Power Save feature is activated, a message is displayed on the screen. When a signal is found, your phone returns to Standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radiofrequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Knowing Radio Frequency Safety

The design of your Sprint PCS Phone complies with updated NCRP standards described below.

In 1991-92, the Institute of Electrical and Electronics Engineers (IEEE) and the American National Standards Institute (ANSI) joined in updating ANSI's 1982 standard for safety levels with respect to human exposure to RF signals. More than 120 scientists, engineers and physicians from universities, government health agencies and industries developed this updated standard after reviewing the available body of research. In 1993, the Federal Communications Commission (FCC) adopted this updated standard in a regulation. In August 1996, the FCC adopted hybrid standard consisting of the existing ANSI/IEEE standard and the guidelines published by the National Council of Radiation Protection and Measurements (NCRP).

Maintaining Your Phone's Peak Performance

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- Speak directly into the mouthpiece.
- Avoid exposing your phone and accessories to rain or liquid spills.

  If your phone does get wet, immediately turn the power off and remove the battery.

Note: For the best care of your phone, only Sprint authorized personnel should service your phone and accessories. Faulty service may void the warranty.

Maintaining Safe Use of and Access to Your Phone

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE

Using Your Phone While Driving

Talking on your phone while driving (or operating the phone without a hands-free device) is prohibited in some jurisdictions. Laws vary as to specific

restrictions. Remember that safety always comes first.

Note: Purchase an optional hands-free accessory at your local Sprint Store, or call the Sprint PCS Accessory Hotline[SM] at 1-800-974-2221 or by dialing **#222** on your Sprint PCS Phone.

Following Safety Guidelines

To operate your phone safely and efficiently, always follow any special regulations in a given area. Turn your phone off in areas where use is forbidden or when it may cause interference or danger.

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radiofrequency (RF) signals. However, RF signals from wireless phones may affect inadequately shielded electronic equipment.

RF signals may affect improperly installed or inadequately shielded electronic operating systems and/or entertainment systems in motor vehicles. Check with the manufacturer or their representative to determine if these systems are adequately shielded from external RF signals. Also check with the manufacturer regarding any equipment that has been added to your vehicle.

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

Note: Always turn off the phone in health care facilities and request permission before using the phone near medical equipment.

Turning Off Your Phone Before Flying

Turn off your phone before boarding any aircraft. To prevent possible interference with aircraft systems, the U.S. Federal Aviation Administration (FAA) regulations require you to have permission from a

crew member to use your phone while the plane is on the ground. To prevent any risk of interference, FCC regulations prohibit using your phone while the plane is in the air.

Turning Off Your Phone in Dangerous Areas

To avoid interfering with blasting operations, turn your phone off when in a blasting area or in other areas with signs indicating two-way radios should be turned off. Construction crews often use remotecontrol RF devices to set off explosives.

Turn your phone off when you're in any area that has a potentially explosive atmosphere. Although it's rare, your phone and accessories could generate sparks. Sparks can cause an explosion or fire, resulting in bodily injury or even death. These areas are often, but not always, clearly marked. They 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’s engine.

Note: Never transport or store flammable gas, liquid or explosives in the compartment of your vehicle that contains your phone or accessories.

Restricting Children’s Access to Your Phone

Your phone is not a toy. Do not allow children to play with it as they could hurt themselves and others, damage the phone or make calls that increase your Sprint PCS Invoice.

Caring for the Battery

Protecting Your Battery

The guidelines listed below help you get the most out of your battery’s performance.

- Use only Sprint-approved batteries and battery chargers. These chargers are designed to maximize battery life. Using other batteries or chargers voids your warranty and may cause damage.
- In order to avoid damage, charge the battery only in temperatures that range from 32º F to 113º F (0º C to 45º C).
- Don't use the battery charger in direct sunlight or in high humidity areas, such as the bathroom.
- Never dispose of the battery by incineration.
- Keep the metal contacts on top of the battery clean.
- Don't attempt to disassemble or short-circuit the battery.
- The battery may need recharging if it has not been used for a long period of time.
- It's best to replace the battery when it no longer provides acceptable performance. It can be recharged hundreds of times before it needs replacing.
- Don't store the battery in high temperature areas for long periods of time. It's best to follow these storage rules:

  Less than one month:

  4º F to 140º F (-20º C to 60º C)

  More than one month:

  4º F to 113º F (-20º C to 45º C)

Disposal of Lithium Ion (Li-Ion) Batteries

For safe disposal options of your Li-Ion batteries, contact your nearest Sprint authorized service center.

Special Note: Be sure to dispose of your battery properly. In some areas, the disposal of batteries in household or business trash may be prohibited.

Note: For safety, do not handle a damaged or leaking Li-Ion battery.

Acknowledging Special Precautions and the FCC Notice

FCC Notice

Note: 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.

This phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protections Association, One Batterymarch Park, Quincy, MA 02269, Attn.: Publication Sales Division.

Cautions

Changes or modifications made in the radio phone, not expressly approved by Samsung, will void the user's authority to operate the equipment.

Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Body-Worn Operation

To maintain compliance with FCC RF exposure guidelines, if you wear a handset on your body, use the Sprint supplied or approved carrying case, holster or other body-worn accessory. Use of non-Sprint approved accessories may violate FCC RF exposure guidelines.

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

Specific Absorption Rates (SAR) for Wireless Phones

The SAR is a value that corresponds to the relative amount of RF energy absorbed in the head of a user of a wireless handset.

The SAR value of a phone is the result of an extensive testing, measuring and calculation process. It does not represent how much RF the phone emits. All phone models are tested at their highest value in strict laboratory settings. But when in operation, the SAR of a phone can be substantially less than the level reported to the FCC. This is because of a variety of factors including its proximity to a base station antenna, phone design and other factors. What is important to remember is that each phone meets strict federal guidelines. Variations in SARs do not represent a variation in safety.

All phones must meet the federal standard, which incorporates a substantial margin of safety. As stated above, variations in SAR values between different model phones do not mean variations in safety. SAR values at or below the federal standard of 1.6 W/kg are considered safe for use by the public.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit estabilished by the FCC. Tests are performed in positions and locations(e.g. at the ear and worn on the body) as required by the FCC. The highest SAR values for this model phone as reported to the FCC are Head: 1.28W/Kg, Body-worn: 0.861 W/Kg.

For body worn operation, this model phone has been tested and meets the FCC RF exposure guidelines when used with a Samsung accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body.

None-compliance with the above restrictions may result in violation of FCC RF esposure guidelines.

FCC Radiofrequency Emission

This phone meets the FCC Radiofrequency Emission Guidelines.

FCC ID number: **A3LSPHA720**. More information on the phone's SAR can be found from the following FCC Website: http://www.fcc.gov/oet/fccid.

Owner's Record

The model number, regulatory number and serial number are located on a nameplate inside the battery compartment. Record the serial number in the space provided below. This will be helpful if you need to contact us about your phone in the future.

Model: **Sprint PCS Vision Multimedia Phone MM-A720 by Samsung®**

Serial No.:

Phone Guide Proprietary Notice

CDMA Technology is licensed by QUALCOMM Incorporated under one or more of the following patents:

4,901,307 5,109,390 5,267,262 5,416,797
5,506,865 5,544,196 5,657,420 5,101,501
5,267,261 5,414,796 5,504,773 5,535,239
5,600,754 5,778,338 5,228,054 5,337,338
5,710,784 5,056,109 5,568,483 5,659,569
5,490,165 5,511,073

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Hearing Aid Compatibility with Mobile Phones

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

GH68-08136A