SAMSUNG

# SCH-i600

## User's Manual

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

## Contents

# FCC RF EXPOSURE INFORMATION

***WARNING! Read this information before using your phone***

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


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

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

## Body-worn Operation

This device was tested for typical body-worn operations with the back of the phone kept 1.5 cm. from the body. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that maintain a 1.5 cm. separation distance between the user's body and the back of the phone, including the antenna. The use of belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

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

# Safety Precautions

### Compliance with Safety Standards

The Samsung Cellular 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. Know the laws and regulations for your area, and pull off the road 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 and cars, contains an RF signal shield. RF energy may affect some inadequately shielded electronic equipment.
Turn off tour phone in health care facilities, and always request pacemakers and hearing aids, to determine if they are shielded adequately from external RF signals. Note if there are any regulations posted in area regarding the operation of wireless phones, and learn where you can use them safely within 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 is in the air. Do not use your phone at any time while traveling on board a plane.

### Blasting Areas

Construction crews often use remote-control RF devices to set off explosives. To avoid interfering with blasting operation , 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 explosion or fire.
* Fueling areas, such as gas stations
* Below deck on boats
* Furl or chemical transfer or storage facilities
* Areas where the air contain 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 or accessories.

**FCC/IC Notice**

This device compiles with part 15 of the FCC rules. Operation is subject to the following two condition: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

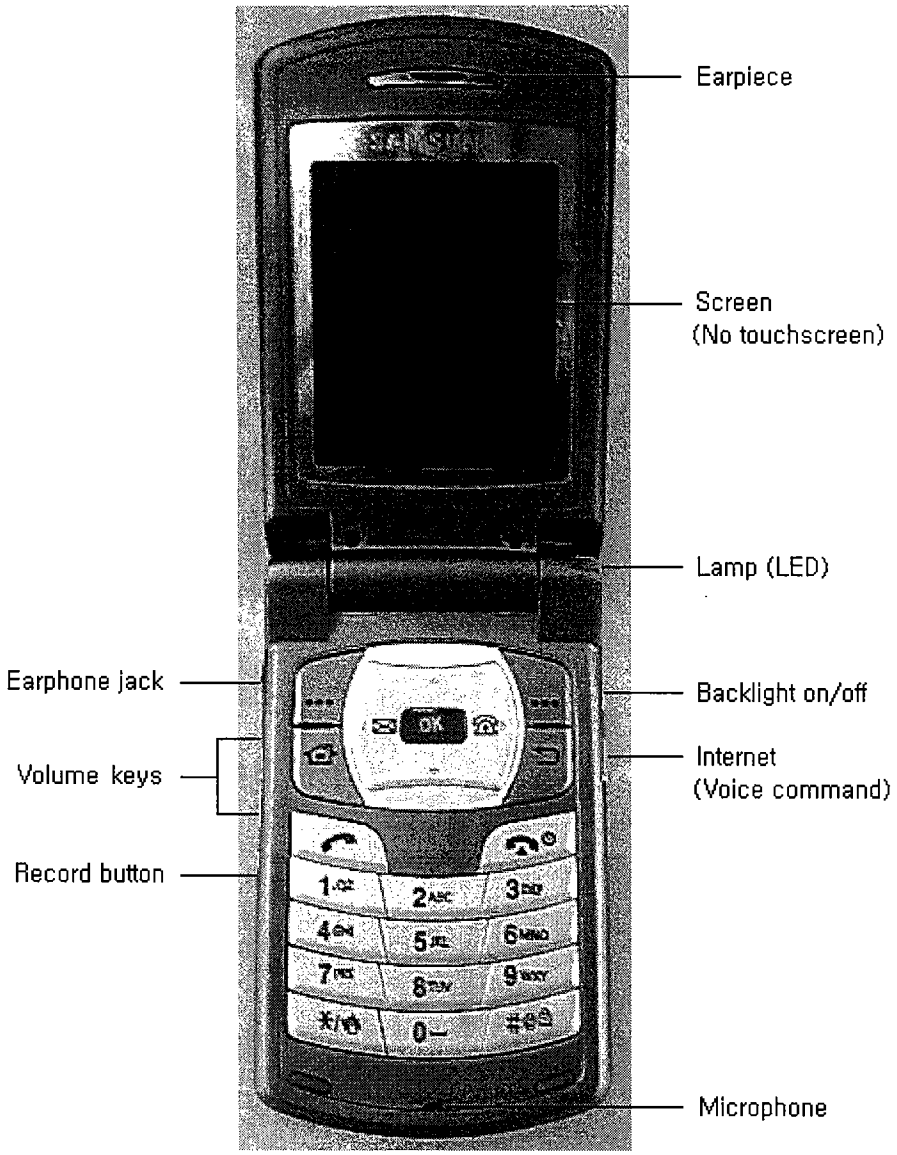
# Introduction to SCH-I600

The following features provide a range of user options that make the phone both fun and easy to use. SCH-i600 is based on Microsoft? Windows? Powered Smartphone 2002.

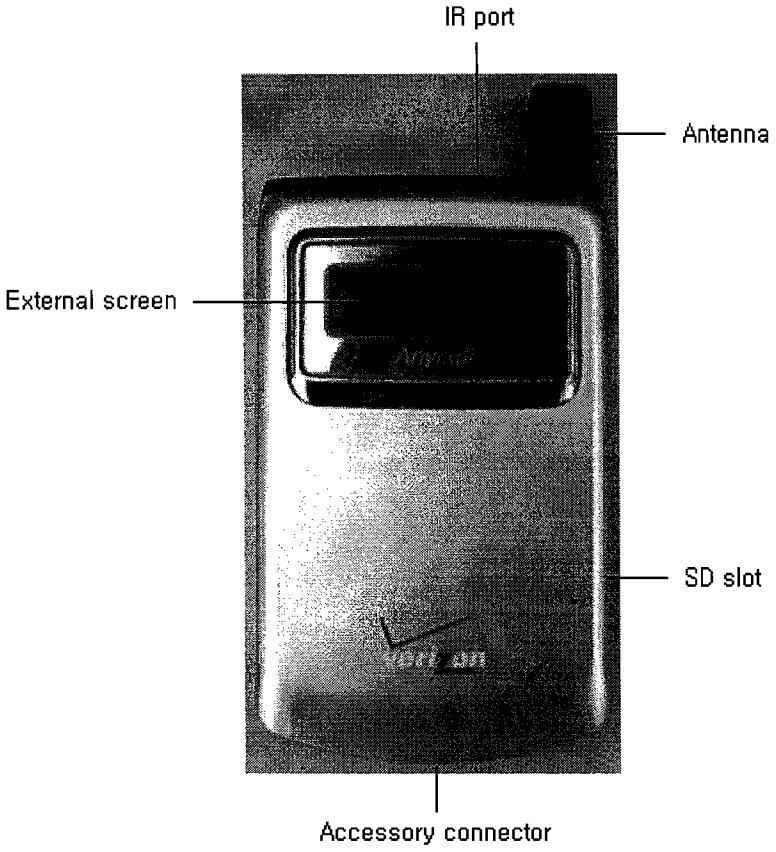
- Phone features : You can use advanced phone capabilities.
- PDA features : Contacts, Calendar, Inbox/SMS, Internet Explorer, Windows Media, MSN Messenger, Tasks, Voice Notes, Game, etc.
- Messaging features : You can receive three kinds of messages - voicemail, text, e-mail.
- Data capability : ActiveSync? technology to synchronize your phone and PC.
- Input methods : 3 standard modes - Numeric, T9, multi-press

# Layout

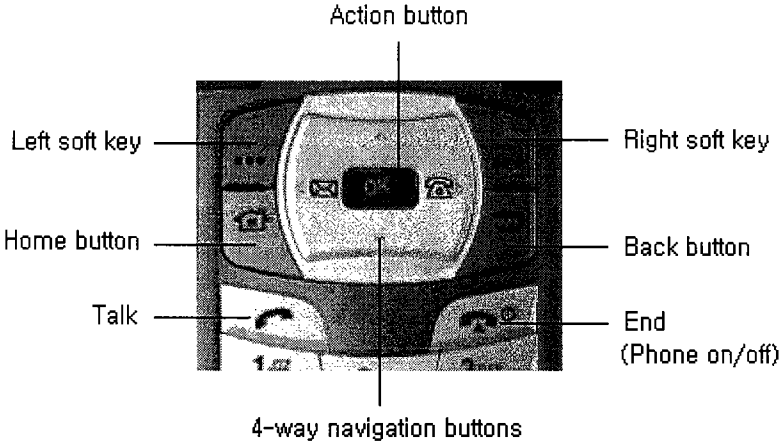
The following pictures show the main elements of SCH-I600.




[Picture 1] Inside of SCH-I600




[Picture 2] Outside of SCH-I600




[Picture 3] Keypad of SCH-I600

**Backlight key :** Press to turn on/off the backlight of main screen

**Internet key :** Press to launch the Internet Explorer, and press and hold to activate voice command

**Earphone jack** : Connects the optional microphone.

**Volume keys** : Press to adjust voice volume during conversation, and adjust key beep volume in standby mode.

**Record button** : Press to launch Voice Notes, and press and hold to record the voice memo or the voice of user during conversation.

**IR port** : Uses infrared technology to transmit data to and receive data from other computing platform handhelds, and to perform ActiveSync? operations.

**Accessory connector** : Connects your phone to the cradle, which in turn connects to the back of your computer and through the AC adapter to the wall current

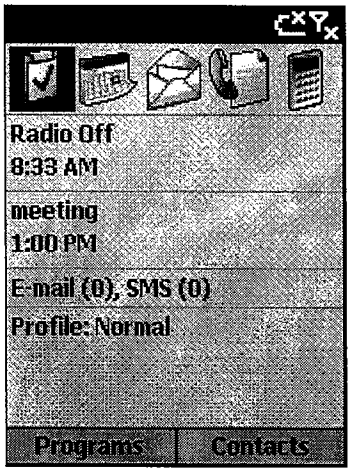
**External screen :** A secondary screen for phone features

**SD slot :** Inserts SD card for extended memory, and connects peripherals using SD I/O interface

# How to use Smartphone 2002

## Home screen

The Home screen plays an integral part in the navigational model of Smartphone 2002. It is the first screen displayed every time the device is turned on. The user can easily return.



Sample Home Screen

### Home screen customazation

The Home screen provides users a customizable starting page for their Smartphone 2002. It can be used to display a variety of information, such as phone-specific status, information from over-the-air services, and information from personal information manager (PIM) applications. The user can fully customize the Home screen by installing new plug-ins and schemes.

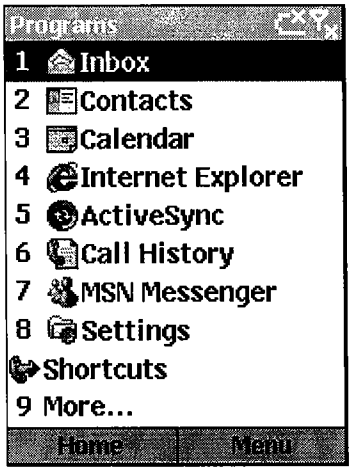
### Home screen icons

The top part of the Home screen displays icons for the most recently used applications (MRUs). If you are creating a new application, you must provide an icon to represent your application that can be incorporated into the MRU list.

## Programs

The top part of the Home screen displays icons for the most recently used applications Programs displays the top-level list of applications supported by the device. The first five applications in this list are those most typically used by users and are fixed in position. Other applications follow and the list of applications is numbered serially.

The user can navigate to Programs by pressing the left soft key from the Home screen.



Programs

The user can scroll through the list of applications and press the action button to select any list item to launch the application. Additionally, the applications are mapped to the numbers; the user can launch them directly by pressing the associated number.

## Title Bar

The top 20 pixels of the Smartphone 2002 screen are reserved for the title bar, an always visible bar that provides application information and status. The title bar uses font 10-point bold Nina, and supports right-justified icons.

Most of the title bar is devoted to application-specific information. The text is context dependent and can be changed for child windows. For example, in the Calendar application, the date is shown in the title bar, as illustrated in the following figure. As another example, in the messaging application the title for the list view is the appropriate mail folder name (see the next figure).

Date shown in title bar

Folder name shown in title bar

Icons also appear in the title bar to provide information such as battery and signal strength or text entry mode. Default icons include the signal strength icon and a battery icon. Default icons may be overridden by other icons in some contexts. For example, the battery icon is overwritten by the text entry indicator when the user composes an e-mail message.

Text entry indicator

Because of the limited space available in the Smartphone 2002 title bar, it is recommended that your titles be short and concise. In addition, although you can add application icons to the navigation bar, this practice is strongly discouraged, once again due to space limitations.

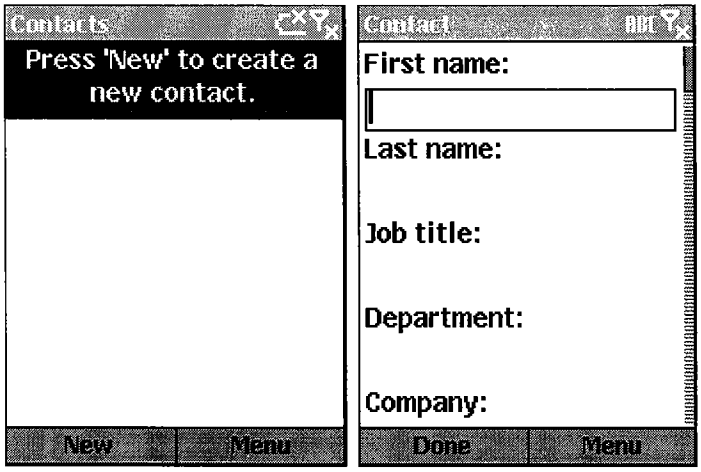
## Menu bar

The menu bar is 20 pixels high at the bottom of the screen and contains the two soft keys shown in the following figure. The menu bar font is 10-point bold Nina.

Soft key tray

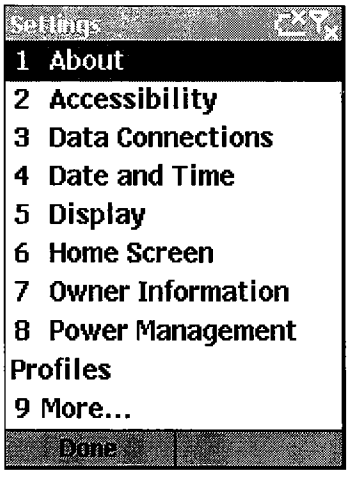
Smartphone 2002 uses two soft keys to display menus and action options to the user. The user can activate a soft key by pressing the corresponding hardware button located physically near the display.

The menu bar is part of the device shell UI; it is context sensitive and can be changed dynamically by an application. For example, in the Contacts list view the soft keys are **New** and **Menu**. When the user starts to create a new contact in the edit view, the soft keys change to **Done** and **Menu**.



Different soft keys in menu bar

Applications should use the right soft key to display the menu and the left soft key as a context-sensitive Action button. For example, the left soft key in the edit view of the preceding figure is **Done**. The left soft key may appear even when there is no label on the right soft key, as shown in the following figure.

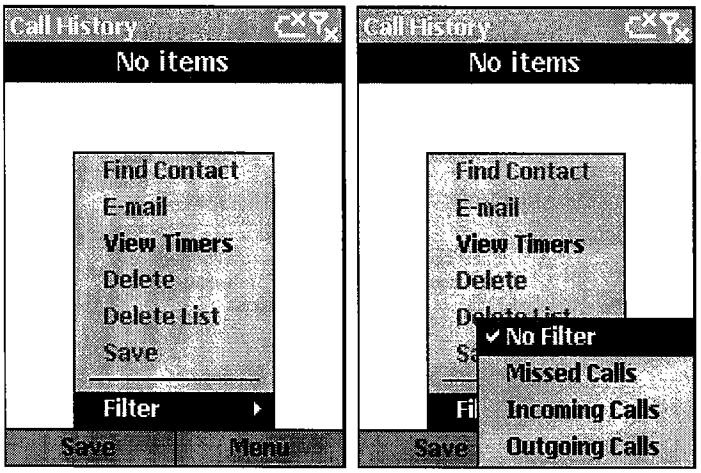


Left soft key with no right key

### Cascading Menus

Smartphone 2002 supports cascading menus only to one additional level. They can be used as long as they don't clutter the screen; in addition, the most common options must be available at the top level and must not cascade. In the following figure, options for filtering calls are provided in a cascading menu that appears at the bottom of the menu.

A right-justified triangle next to a menu item indicates that it opens a cascading menu. When the user presses the right arrow or the Action button, the second menu is displayed. The user can then scroll up and down and press the Action button to select the menu item.



Cascading Menus

## Navigation Buttons

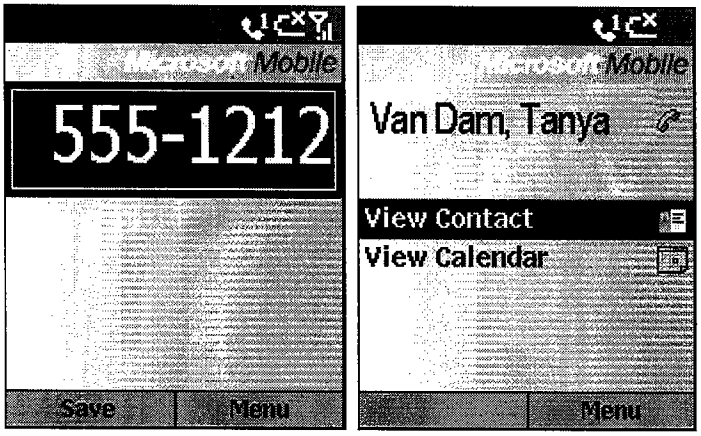
Smartphone 2002 provides two navigational buttons for users: the Home button and the Back button.

The Home button is a powerful one-touch navigational tool that returns a user to the Home screen from anywhere at any time.

The Back button is context dependent and is implemented to perform different functions depending on the state of the application. It is generally designed to return the user to the previous screen, with a few exceptions.

## Dialer and Call Progress

When a user places a call, the dialer/call progress application starts. The dialer UI appears when a user makes a call by entering numbers on the keypad from the Home screen, as shown in the left of the following figure. Dialed calls from the keypad can be executed from the Home screen or the call progress screen. After the user finishes entering the numbers, call progress appears. Call progress shows the connect progress for outgoing calls, call notification for incoming calls, and the current status of ongoing calls as shown on the right of the following figure.



Dialer and call progress screen

If a user navigates to another screen while on a phone call, a call in progress icon is displayed in the title bar. This icon remains the same for conference calls or calls on hold. The right soft key on the home screen provides a shortcut back to call progress.

On the call progress screen, the left soft key is either **Hold** or **Resume**, depending on the status of the call. On other screens, the left soft key is whatever it would be were the user not on a call.

Calls can also be made from other applications, for example, from a hyperlink in Calendar, from Contacts, or a tel: URL in the browser. In this case the dialer UI is not used and the user is taken directly to call progress

### Making a call

Enter numbers on the keypad from the Home screen and press the **TALK** button to make a call to the number.

### Ending a call

Press the **END** button.

### Answering a call

When somebody calls you, the phone rings. If the caller can be identified, the caller뭘 phone number(or name if prestored in your Contacts) is displayed.

To answer the call, press any button on the keypad(except **END**).

You can answer a call while using another application. The screen alerts you with the incoming call message. Press **TALK** button to answer the call, or **END** to reject the call.

### Redialing Calls

Press **TALK** for a second to redial the latest number.

# Input Methods

All Smartphone 2002 devices with keypads support text entry from the keypad buttons. There are three standard modes for keypad text entry on Smartphone 2002: numeric, T9, and multi-press.

### Switching Modes

Each text field can have a default mode, depending on the expected content. For example, phone number fields are in numeric mode by default, and e-mail addresses are in multi-press mode. If the user changes modes in a text field, moves away from the field, and then returns to it, the mode reverts to the default mode for that field.

For text fields that do not have a default mode, the mode is whatever the user used last in a field without a default mode뿡 9 or multi-press mode. This does not default to numeric mode. The very first time the user moves into a text field on the device, it defaults to T9.

### Special Keys

The following keys perform special functions for text input.

The "*" Key

Switching modes between T9, multi-press, and numeric is done by pressing and holding the * key. Pressing and holding the * key continues to cycle through each mode. The user should not have to press and hold twice to get from T9 mode to another mode.

The "#" Key

In each mode, pressing and holding the # key allows the user to access a screen of symbols. The user navigates left, right, up, or down to get to the symbol of choice and presses the Action button or the Done soft key. The user is then returned to the active text field, with the symbol entered and the insertion point on the next character.

The "0" Key

In each mode, pressing and holding the 0 key results in the + sign.

Action

The user enters a carriage return in multi-line fields by pressing the Action button.

## Another Applications

### Inbox/SMS

Your phone can receive e-mail and text messages. Also, your phone can send e-mail and text messages.

### Contacts

This enables you to keep names, addresses, phone numbers and other information about your personal or business contacts.

### Calendar

This lets you quickly and easily schedule appointments or any kind of activity associated with a time and date.

### Tasks

This is a convenient place to create reminders and prioritize the things that you have to do.

### Voice Notes

This enables you to record important voice notes and the user웰voice during phone call.

### Internet Explorer

You can navigate Internet, but there are limitations to support some tags.

### Windows Media

You can play and watch several kinds of multimedia files.

### Accessories

You can use accessory programs. Calculator, Modem Link, Games and etc.

## Various Settings for Your Phone

You can customize the configuration options on your phone.

**Call Options**

Any key answer, Voice mail number, Country code, Area code, Provide voice privacy

**Sounds**

Ring tone, Reminders, New e-mail, New SMS, Alarm clock, Warnings, Keypad control and etc.

**Profiles**

Normal, Silent, Meeting, Loud, Automatic, Headset, Car and Speakerphone

**Home Screens**

Layout, Color scheme, Background image and Time out

**About**

Build version, Radio version, Storage status and other information

**Accessibility**

System font size, Multipress time out, Confirmation time out and In-call alert volume

**Data Connections**

Internet connection, Work connection, WAP connection and Secure WAP connection

**Date and Time**

Time zone, Date, Time, Alarm and Alarm time

**Owner Information**

Name, Telephone number, E-mail address and Notes

**Power Management**

Main battery, Backlight time out and Display time out

**Regional Settings**

Language, Locale, Short date style, Long date style, Time format and etc.

**Security**

Enable/Disable phone lock

## Installing ActiveSync?

Using Microsoft? ActiveSync? you can *synchronize* the information on your desktop computer with the information on your device. Synchronization compares the data on your device with your desktop computer and updates both computers with the most recent information.

Before you begin synchronization, install ActiveSync? on your desktop computer from the Pocket PC Companion CD. ActiveSync? is already installed on your device.

Insert the Pocket PC Companion CD into the CD-ROM drive of your desktop computer. Click the yellow arrow, click Start Here, and then follow the directions on your screen.

After installation is complete, the ActiveSync? Setup Wizard helps you connect your device to your desktop computer, set up a partnership so you can synchronize information between your device and your desktop computer, and customize your synchronization settings. Your first synchronization process will automatically begin when you finish using the wizard.

## For More Information

You can get more information about Microsoft? Windows? Powered Smartphone 2002.

http://www.microsoft.com/mobile/phones/default.asp

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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