

8. USERS MANUAL

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Samsung Smartphone

SCH-i300

User's Guide



Contents

CHAPTER 1

Getting Started.....	1
Unpacking	2
Your Smartphone	3
Front View	3
Rear View	5
Connecting the Cradle	7
Installing and Charging the Battery	8
Viewing the Remaining Battery Power	10
Palm Desktop Software	11
System Requirements	12
Installing Palm Desktop Software	12
Calibrating the Screen and First Setup	14
Adjusting Screen Contrast	18
Using the Backlight	19

CHAPTER 2

Entering Data in Your Smartphone	21
Using the Onscreen Keyboard	21
Entering Data Using Graffiti	23
Writing Graffiti Characters	23
Graffiti Tips	25
The Graffiti Alphabet	26
Writing Capital Letters	27
Writing Numbers	28
Writing Punctuation Marks	29
Writing Symbols and Extended Characters	30
Writing Accented Characters	31

Additional Non-English Characters	31
Navigations Strokes	32
Using Graffiti ShortCuts	32
Using Your Computer Keyboard	33
Importing Data	34

CHAPTER 3

Using Phone and Messaging	37
Turning the Phone On and Off	38
Turning the Phone On	39
Turning the Phone Off	40
Opening the Phone Screen	41
Features on the Phone Screen	42
Features on the Phone LCD	43
Making a Call	44
Correcting the Number	45
Advanced Calling Features	45
Voice Dialing	45
Speed Dialing	47
Redialing the Last Number	49
Using the Address Book	49
Using Call History	50
Using Four-digit Dial	52
Making Emergency Calls	53
Using Speakerphone	54
Answering Calls	55
In-Call Options	56
Record	56
Mute	56
Silent Key	56
DTMFs Send	57
Tone List	57
Call Waiting	58
Making a Conference Call	59

Advanced Phone Features	60
Viewing Missed Calls	60
Viewing Air Time	61
Using Keyguard	62
Voice Recorder	63
SMS (Short Message Service)	66
Sending a Short Message	66
Receiving Messages	69
Sorting the Message List	72
Deleting a SMS Message	73
Setting Phone Preferences	74
Phone Sound	75
Phone Display	77
Phone Setup	78
Setting Data Service Preferences	79
Setting Security Options	80
Masking and Hiding Records	81
Assigning and Editing Passwords	81
Locking Your Smartphone	83
Restricting Calls	84
Registering Emergency Call	84
Resetting Your Phone	85

CHAPTER 4

Working with Applications	87
Using the Applications Launcher	87
Opening an Application	88
Displaying Applications by Category	89
Changing the Applications Launcher Display	90
Assigning Applications to Buttons	91
Elements of the Applications Screen	92

Using Menus	94
Opening the Menu Bar	94
Choosing a Menu	95
Graffiti Menu Commands	95
Displaying Online Tips	97
Common Tasks	97
Creating Records	97
Editing Records	98
Deleting Records	100
Purging Records	101
Categorizing Records	102
Finding Records	106
Sorting Records	109
Making Records Private	111
Hiding Private Records	112
Attaching Notes	113
Choosing Fonts	114
Getting Information on an Application	115

CHAPTER 5

Address Book	117
Creating an Address Book Entry	118
Setting Address Details	120
Setting Speed Dial	122
Setting Voice Dial	124
Viewing Address Book Entries	126
Duplicating an Entry	129
Selecting Types of Phone Numbers	130
Editing Address Book Entries	131
Changing the Address Book Display	133
Address Book Menus	136

CHAPTER 6

Calculator	139
Opening the Calculator	140
Using the Calculator Buttons	140
Displaying Recent Calculations	141

CHAPTER 7

Date Book	143
Opening the Date book	144
Scheduling Events	145
Scheduling Timed Events	145
Adding Address Book Information to an Event	149
Scheduling Untimed Events	149
Scheduling Repeating or Continuous Events	150
About Scheduling Repeating or Continuous Events	152
Rescheduling Events	153
Setting the Alarm	154
Setting an Alarm for an Event	154
Setting Alarm Options	156
Changing the Date Book View	157
Working in Week view	158
Tips for Using Week View	159
Spotting Event Conflicts	160
Working in Month View	161
Tips for Using Month View	162
Working in Agenda View	162
Tips for Using Agenda View	163
Changing the Date Book Display of Events	163
Date Book Menus	165

CHAPTER 8

Using the Expense Application	169
Opening Expense Application	170
Recording Expenses	170

Creating Expense Items	170
Changing the Date of an Expense Item	171
Entering Receipt Details	172
Filling in the Expense Type Automatically	174
Changing the Expense List Display	175
Changing the Currency and Symbols Display	176
Customizing Currency Symbols	178
Transferring Your Data to Microsoft Excel	179
Creating and Printing an Expense Report	179
Using Expense Report Templates	182
Expense Menus	184

CHAPTER 9

Mail	185
Managing Desktop E-mail Away from Your Desk	186
Setting Up Mail on the Desktop	187
Synchronizing Mail with Your E-mail Application.....	190
Creating, Viewing, and Replying to E-mail	190
Viewing E-mail Items	191
Creating E-mail Items	192
Looking Up an Address	195
Adding Details to E-mail Items	196
Adding a Signature for Your Message	198
Storing and Editing E-mail Items	199
Storing and Editing Unsent E-mail Items	199
Drafting E-mail	201
Filing an E-mail Item	202
Deleting E-mail Items	203
Categorizing and Sorting E-mail Items	206
Managing Your E-mail Application with HotSync	208
Using Filters to Control Downloading	210
Defining Filter Strings	212
Mail Menus	215
Beaming Information	216

CHAPTER 10

Memo Pad	221
Opening the Memo Pad	222
Creating Memos	222
Reviewing Memos	223
Making a Private Memo	225
Deleting a Memo	225
Memo Pad Menus	226

CHAPTER 11

To Do List	227
Opening the To Do List	228
Creating To Do List Items	229
Setting Priorities	230
Checking Off To Do List Items	231
Changing Priorities and Due Dates	232
Displaying Completed and Due Items	234
To Do List Menus	235

CHAPTER 12

Exchanging and Updating Data Using HotSync® Operations	237
Performing a HotSync Operation for the First Time	239
Creating a User Profile	242
Selecting HotSync Setup Options	244
Customizing HotSync Application Settings	247
Conducting a HotSync Operation Via Modem	250
Preparing Your Computer	250
Preparing Your Smartphone	252
Selecting Conduits for a Modem HotSync Operation	253
Performing a HotSync Operation Via a Modem	255
Performing a HotSync Operation Via a Network	256
Using File Link	259

CHAPTER 13

Setting Preferences for Your Smartphone	261
Buttons Preferences	262
Pen Preferences	263
HotSync Buttons Preferences	265
Digitizer Preferences	266
Formats Preferences	266
Country Default	266
Time, Date, Week Start, and Numbers Formats	267
General Preferences	268
Setting the Current Time	268
Setting the Current Date	269
Auto-off Delay	270
System, Alarm, and Game Sounds	271
Beam Receive	271
Connection Preferences	272
Sample Connection for Remote IR HotSync Operations ...	273
Network Preferences and TCP/IP Software	275
Selecting a Service	276
Entering a User Name	277
Entering a Password	278
Selecting a Connection	279
Adding Telephone Settings	280
Entering a Prefix	281
Disabling Call Waiting	281
Using a Calling Card	282
Connecting to Your Service	283
Creating Additional Service Templates	284
Adding Detailed Information to a Service Template	285
Login Scripts	289
Creating a Login Script on Your Organizer	290
Plug-in Applications	292
Deleting a Service Template	292

Network Preferences Menu Commands	293
TCP/IP Troubleshooting	293
Owner Preferences	295
ShortCuts Preferences	296
Creating a ShortCut	296
Editing a ShortCut	297
Deleting a ShortCut	298

CHAPTER 14

Installing and Removing Applications 299

Installing Applications	300
Removing Applications	302
Removing Palm Desktop Software	304

APPENDIX A

Maintaing Your Smartphone 305

Caring for Your Smartphone	305
Battery Considerations	306
Resetting Your Smartphone	308
Performing a Soft Reset	308
Performing a Hard Reset	309

APPENDIX B

Frequently Asked Questions 311

Software Installation Problems	312
Operating Problems	312
Tapping and Writing Problems	314
Application Problems	315
HotSync Problems	316

Network Problems	321
Beaming Problems	322
Recharging Problems	323
Password Problems	324
Technical Support	325

APPENDIX C

Creating a Custom Expense Report ..	327
About Mapping Tables	328
Customizing Existing Sample Templates	329
Determining the Layout of the Expense Report	331
Labels	331
Sections	332
Analyzing Your Custom Expense Report	333
Programming the Mapping Table	334
Using Applications Other than Microsoft Excel	340
Expense File Details	340

APPENDIX D

Non-ASCII Characters for	
Login Scripts	341
Use of ^char	341
Carriage Return and Line Feed	342
Literal Characters	342
Index	343

CHAPTER 1

Getting Started

Congratulations on your purchase of the Smartphone. Your Smartphone combines two leading edge technologies, giving you the convenience of a digital phone and an electronic organizer in a single handset.

This chapter explains the physical buttons and controls on your Smartphone, how to use the Smartphone for the first time, and how to install the Palm Desktop Software.

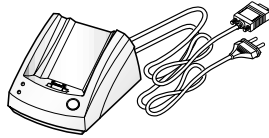
As you use your Smartphone, you'll soon appreciate its many time saving features.

Unpacking

Check to make sure that all of the following items are included in the box when you unpack it.



Smartphone with a stylus



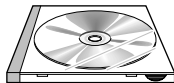
Cradle



Standard battery



This guide

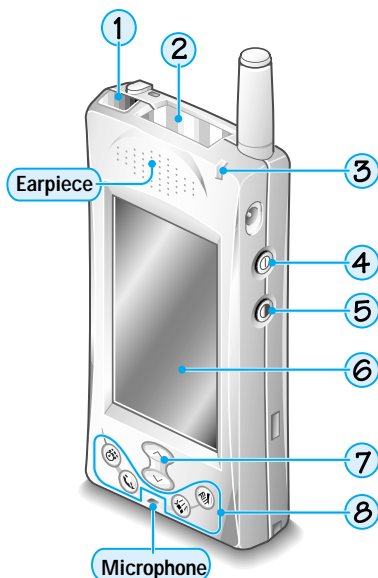


Palm Desktop
CD-ROM

Your Smartphone

The following illustrations show the main elements of your phone.

Front View



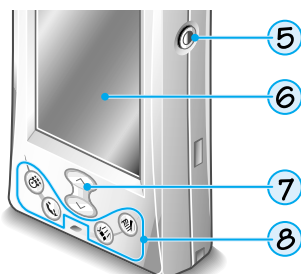
1. Infrared port : Uses infrared technology to transmit data to and receive data from other Palm Computing connected devices. See “Beaming information” on page xx for more information.

2. Phone LCD : Turns on when the phone's power is on. Displays signal strength indicator.

3. Lamp : Flashes to indicate an incoming call or message. Also lights up for a few seconds when you reset the phone.

4. Power button : Turns the main screen on or off and controls the backlight feature. If the screen is turned off, pressing the power button turns the screen on and returns you to the last screen you viewed.

If the Smartphone screen is turned on, pressing the power button turns the screen off. Holding the power button down for about two seconds turns the backlight on or off.



5. Contrast button : Shows the onscreen contrast control so you can adjust the screen for the clearest screen display as required by the lighting conditions or temperature of the environment where you use your Smartphone. See “Adjusting Screen Contrast” later in this chapter for more information.

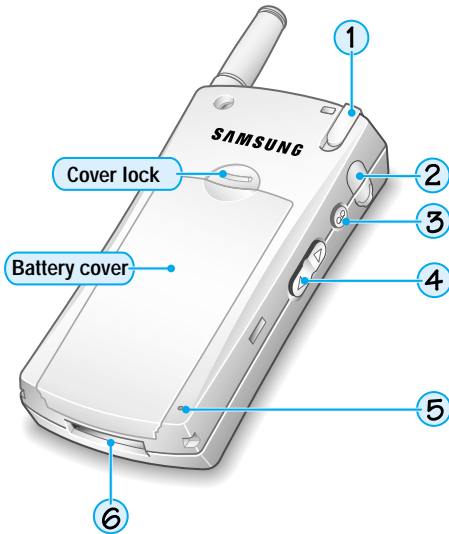
6. Smartphone screen : Displays the applications stored in your Smartphone. It is touch-sensitive and responds to the stylus or your finger.

7. Scroll buttons : Displays text and other information that extends beyond the area of the Smartphone screen. Pressing the **▼** button scrolls down to view information below the viewing area, and pressing the **▲** button scrolls up to view the information above the viewing area.

8. Application buttons : Activate the individual Smartphone applications that correspond to the icons on the buttons: Date Book, Address Book, To Do List, and Phone. See “Buttons Preferences” on page xx for details on reassigning these buttons to activate any application on your Smartphone.

Tip: If your Smartphone is turned off, pressing any application button activates the Smartphone and opens the corresponding application.

Rear View



1. Stylus : The stylus is stored in this slot. Slide it in and out of this slot. Hold it as you would a pen or pencil.

Like using a mouse to click elements on a computer screen, using the stylus to tap elements on the Smartphone touch-screen is the basic action that gets things done on your Smartphone.

Important:

Always use the point of the stylus for tapping or making strokes on the Smartphone screen. Never use an actual pen, pencil, or other sharp object on write on the touch-sensitive screen.

With your Smartphone screen turned on, you can tap the screen to do many operations, such as the following:

- Open applications
- Choose menu commands
- Initiate a global Find operation
- Select options in dialog boxes
- Open the onscreen keyboards

Just as you can drag the mouse to select text or move objects on your computer, you can also drag the stylus to select text. You can also use the stylus to drag the slider of any scroll bar.



2. Ear-microphone jack : Connects to the optional ear-microphone which allows you to converse without using your hands.

3. Voice record button : In Standby mode, press and hold to record up to 60 seconds of voice memo. During a call, press it to record phone conversation. A total of 12 memos including phone conversation can be recorded.

4. Volume buttons: Adjusts voice volume during a phone conversation. In Standby mode, press to adjust key beep volume.

5. Reset button : Under normal use, you should not have to use the reset button. See page xx for information about when and how to use the reset button.

6. Serial connector : Connects your Smartphone to the cradle, which in turn connects to the back of your computer and through the AC adapter to the wall current. This allows you to recharge your Smartphone as well as update the information between your Smartphone and computer using HotSync technology.

Connecting the Cradle

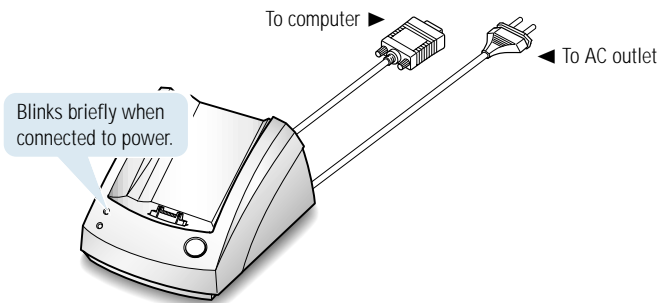
Your package includes a cradle for storing the Smartphone, recharging its battery, and synchronizing information with your computer. If you don't plan to synchronize your Smartphone with a computer, use the cradle to recharge the battery.

If you are planning to synchronize data between the Smartphone and your computer, refer to Chapter 12 “Exchanging and Updating Data Using HotSync Operations.”

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To connect the cradle to AC power:

Plug the power cable from the cradle into a power outlet. When the power is connected properly, the battery charge indicator lights on the cradle blink once.

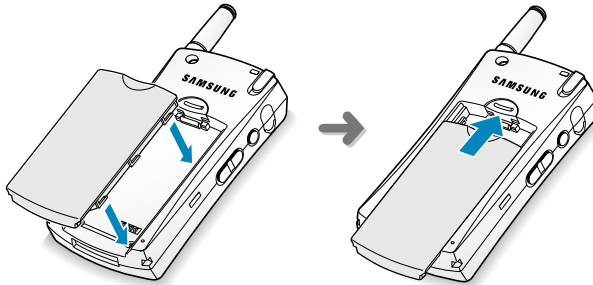


Installing and Charging the Battery

The battery in a new Smartphone is delivered partially charged. Before first use, you must install the battery. Place the Smartphone in the cradle, and fully charge the battery.

To install the battery:

1. Hold the Smartphone so the keypad faces away from you.
2. Put the battery into the battery slot.



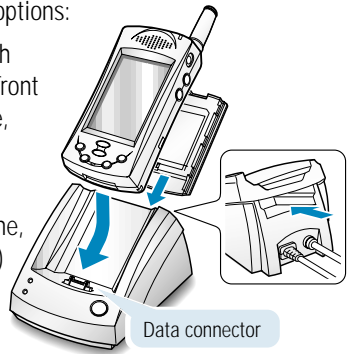
3. Slide it up gently until it snaps into place.

Note: In addition to the main battery you just installed, the Smartphone has an internal backup battery. During shipment, this backup battery may have become discharged. If so, the Smartphone will not power up immediately after you install the main battery. Just put the phone in the cradle as explained in the next section; the backup battery will recharge in five to ten minutes.

To charge the battery:

1. Select one of the following options:

- Slide the entire phone with battery attached into the front compartment of the cradle, bottom first, over the data connector.
- Slide a single battery (alone, not attached to the phone) into the rear compartment of the cradle.



2. The battery charge indicators on the left side of the cradle come on.

Phone's battery (on the front compartment) indicator light

Battery (on the rear compartment) indicator light



Charge indicator light

Red=The battery is charging.

Green=The battery is fully charged.

Yellow=The battery is waiting to be charged.




The light is red while the battery is charging. It turns green when the battery is fully charged. Charging the main battery completely takes two to three hours.

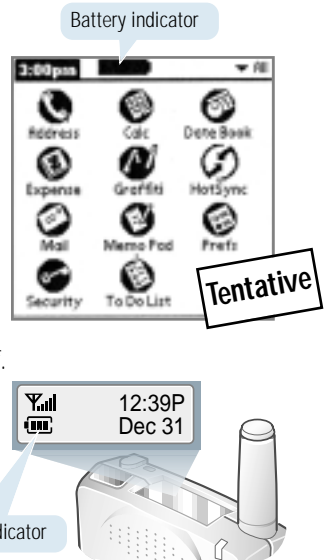
3. When the indicator light turns green, remove the phone from the cradle by gently pulling it straight up.

Once the battery is charged, you can use the Smartphone in the cradle or out of the cradle for all functions. If you have purchased an extra battery, you can charge it in the cradle while you are using the Smartphone.

Note: Leaving the battery in the cradle once it is fully charged does not harm the battery. For more information on battery safety, see page xx.

Viewing the Remaining Battery Power

- The battery charge level is displayed at the top of the main screen.
- The number of blocks represent the battery charge level.
Example:  Battery fully charged
 Battery low
- When the battery drops to a low level, the phone beeps and the battery icon turns to .
- When the battery is fully discharged, a warning tone sounds three times and the power turns off.
- When the phone application turns power on, the small phone LCD at the top of the Smartphone also shows the battery indicator.



Palm Desktop Software

Palm Desktop software includes the same main applications as your Smartphone. Address Book, Date Book, To Do List, Memo Pad, Expense, and desktop e-mail connectivity. You can use the HotSync feature of this software to back up and exchange data between your Smartphone and your computer.

It's a good idea to back up your data in case something happens to the data on your Smartphone. Changes you make on your Smartphone or Palm Desktop software appear in both places after you synchronize.

1

With Palm Desktop software, you can do the following:

- Work with your Smartphone applications on your computer. Palm Desktop software duplicates the Date Book, Address Book, To Do List, and Memo Pad applications on your Smartphone, so that you can view, enter, and modify any data stored on your Smartphone.
- Back up the data stored on your Smartphone with HotSync technology and synchronize the data on your Palm Desktop software. Synchronization is a one-step procedure that ensures your data is always safe and up-to-date. See "Exchanging and Updating Data: HotSync Operations" in Chapter x for more information.
- Import and export data, so you can easily transfer data from other desktop applications into any of your main applications. See "Importing Data" in Chapter x for more information.
- Print your Date Book, Address Book, To Do List, and Memo Pad information on any printer.

System Requirements

To install and operate Palm Desktop software on Windows, your computer system must meet the following requirements:

- Windows 95 or later, Windows NT 4.0.
- IBM-compatible 486 computer or higher.
- 8 MB RAM (memory) minimum, 16 MB recommended (required with Windows NT 4.0).
- 20 MB available hard disk space.
- VGA monitor or better (the Palm Quick Tour requires a 256 color video display).
- CD-ROM drive (you can also download the Palm Desktop software from <http://www.palm.com>), or order 3.5-inch floppy disks from ???.
- Mouse pointing device.
- One available serial port.

In addition, the following equipment is optional:

- Palm Modem .
- Windows-compatible printer.

Installing Palm Desktop Software

The following instructions guide you through installing Palm Desktop software so that you can transfer data from your computer to your Smartphone.

After installation, refer to the online Help in Palm Desktop software for information on how to use the software.

To ensure a safe and uninterrupted installation of Palm Desktop software, do the following before installing:

- Turn off your computer and connect the cradle to it. Do not place your Smartphone in the cradle until instructed.
- If you are installing from floppy disks (rather than the CD included in the box), make sure that the original Palm Desktop software disks are write-protected, and then make backup copies of them. When you have finished, use the copies to install the software, and store the original disks in a safe place. Refer to your computer's manual or operating system documentation for information on locking or copying diskettes.
- Do not copy the Palm Desktop software files to your computer's hard disk. You must use the installer to place the files in their proper locations and to decompress the files.

To install Palm Desktop software:

- Exit any open programs, including those that run at startup such as Microsoft Office, and disable any virus-scanning software.
- Insert the Palm Desktop software CD into the computer's CD-ROM drive (or insert the Setup disk into the floppy disk drive).
- When the Palm Desktop software Installer Menu screen appears, click the Install button to begin the installation procedure.
- Follow the onscreen instructions to complete the installation. When prompted, insert your Smartphone into the cradle.

Calibrating the Screen and First Setup

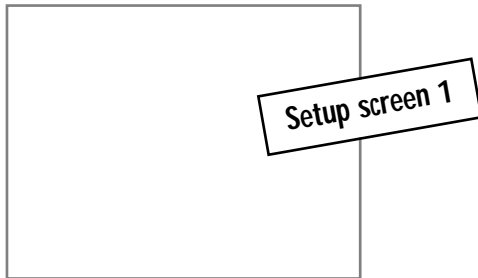
The first time you use your Smartphone, the Setup screen appears automatically. Follow the instructions to calibrate the screen, then set the date and time.

Calibration aligns the internal circuitry of the Smartphone with its touch-sensitive screen so your Smartphone can detect the task you want to perform when you tap an element on the screen

1. The stylus is stored in a slot on the top left side of the Smartphone. Remove it from its slot. Use your thumb to push it firmly upward.

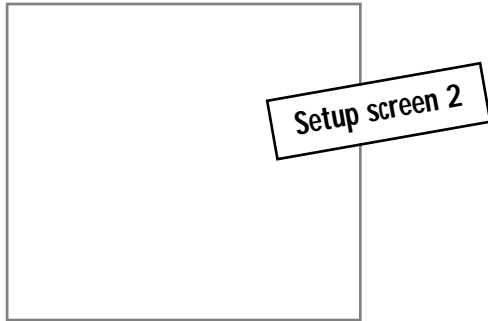


2. Using the stylus, tap anywhere on the screen.



Note: To prevent scratches, never use a pen, pencil, or other sharp object to tap or write on the smartphone screen.

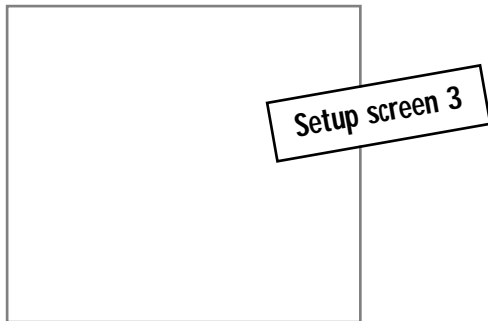
3. The calibration screen appears. Tap the exact center of each target that appears on the screen.



1

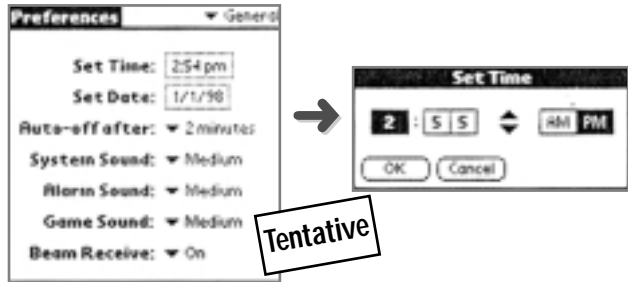
Note: After the first setup, if you want to recalibrate the screen manually at any time, see page xx.

4. After you have aligned three targets, the next setup screen appears.



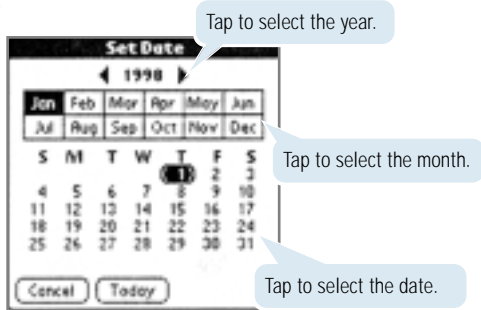
5. If you want to set the country default, tap the country name pick list, and tap the setting you want.

6. If you want to set the time manually, tap the Set Time box.



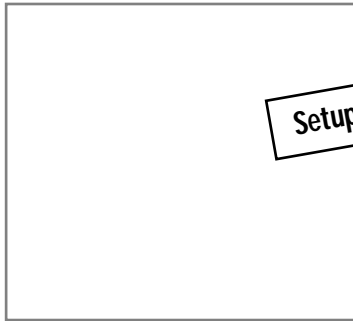
- Tap ▼ or ▲ in the Set Time dialog to change the hour.
- Tap the first minute box. Tap the arrows to change the minute. Tap the second minute box. Tap the arrows to change the number as necessary.
- Tap AM or PM. Then tap OK.

7. If the date is not correct, tap the Set Date box to open the calendar.



- Tap ◀ or ▶ to select the year.
- Tap the month, then the date.

8. Tap Next to complete setup.



Setup screen 4

1

9. If you want to learn entering text on your phone now, tap Next to view the online help.

To return to Standby mode, tap Done.

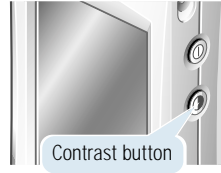
Note: After the first setup, if you want to set date and time, or country default manually at any time, refer to “General Preference” on page xx.

Adjusting Screen Contrast

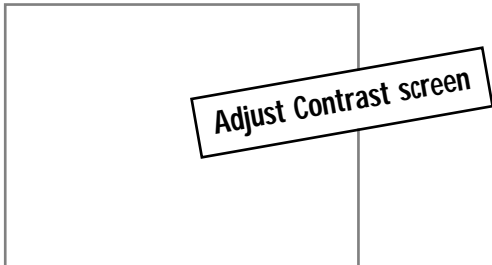
You can adjust the brightness of your screen to make it easy to see in a variety of lighting conditions.

To adjust the contrast:

1. Press the Contrast button.



2. To change the contrast in small increments, tap to the left or right of the slider.



To change the contrast in larger increments, drag the slider to the left or right.

Tip: You can also press the scroll button to move the slider incrementally.

3. Tap Done.

Tip: You can adjust screen contrast using the menu instead of the Contrast button. See page xx.

Using the Backlight

If you have difficulty seeing the information on your Smartphone, you can use the backlight to illuminate your screen.

To activate the backlight:

Press the power button and hold it down for about two seconds. Release the button when the backlight turns on.



1

To turn off the backlight:

Press and hold the power button for about two seconds. The backlight also turns off automatically (after a period of inactivity) with the Auto-off feature.

CHAPTER 2

Entering Data in Your Smartphone

You can enter data into your Smartphone by using the onscreen keyboard, writing with the stylus in the Graffiti® writing area, using the computer keyboard, or by importing data from another application.

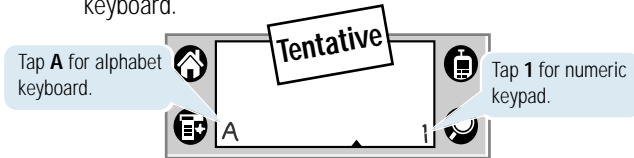
Using the Onscreen Keyboard

You can open the onscreen keyboard anytime you need to enter text or numbers on your Smartphone. You cannot enter Graffiti characters while using the onscreen keyboard.

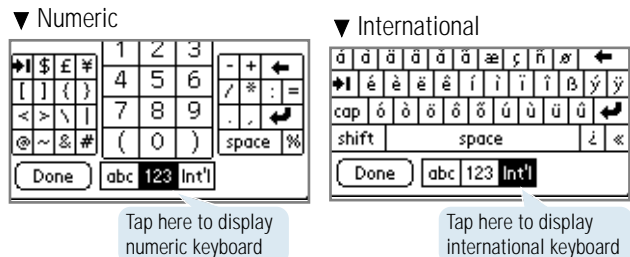
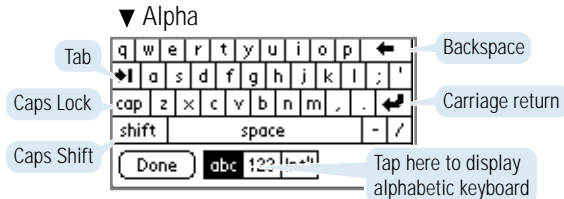
To use the onscreen keyboard:

1. Open any application (such as the Address Book). For more information on opening applications, see page xx.
2. Tap any record, or tap New.

- Choose one of the following to display the alphabetic or numeric keyboard:
 - Tap **A** in the Graffiti writing area on the front of your Smartphone to display the alphabetic keyboard.
 - Tap **1** in the Graffiti writing area on the front of your Smartphone to display the numeric keyboard.



- To display the international keyboard, tap either **A** or **1** on the front of your Smartphone, and then tap **Int'l** at the bottom of the keyboard display.



- Tap the desired characters or numbers; then tap Done to enter the text or numbers.

Entering Data Using Graffiti

You can use Graffiti writing commands to create letters, numbers, punctuation, and symbols. The Graffiti writing strokes include all letters, numbers, and symbols found on a standard keyboard.

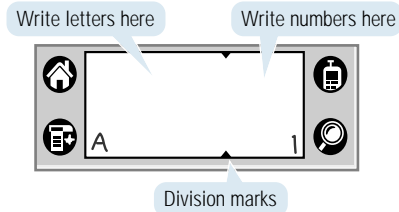
Writing Graffiti Characters

With only a few minutes of practice, you'll find it easy to enter accurate text and numbers using Graffiti writing strokes. Follow these guidelines to learn and use Graffiti writing strokes successfully:

- To achieve 100% accuracy, practice drawing characters exactly as they appear in the tables later in this chapter.
- The heavy dot on each shape indicates where to start the stroke. Some characters have similar shapes, but different starting and ending points. Always start the stroke at the heavy dot. (Do not draw the heavy dot; it is there only as a guideline.)
- Most characters require only a single stroke. When you lift the stylus from the Graffiti writing area, your Smartphone recognizes and displays the text character immediately. The Graffiti writing strokes for letters closely resemble uppercase letters of the standard English alphabet, and many Graffiti strokes are part of their standard alphabet equivalents.

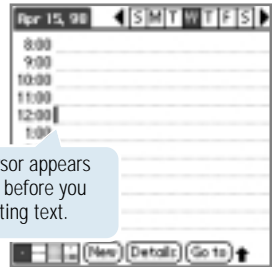


- The Graffiti writing area is divided into two parts, one for writing letters and one for writing numbers. The small marks at the top and bottom of the Graffiti writing area indicate the two areas. To have your Smartphone recognize characters and numbers, you must begin character strokes on the left side, and number strokes on the right side of the Graffiti writing area.



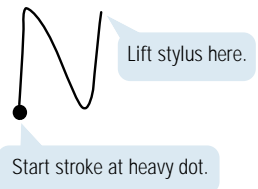
To write Graffiti letters:

1. Tap the screen where you want to write text, for example, on a line next to a time in the Date Book.



2. Use the tables on the page xx to find the stroke shape for the letter you want to write. For example, the stroke shown below creates the letter **n**.

You use the same shape to create both the uppercase and lowercase version of a letter.



3. Position the stylus in the left hand side of the Graffiti writing area.
4. Start your stroke at the heavy dot, and draw the stroke shape as it appears in the tables.
5. Lift the stylus from the screen at the end of the stroke shape. Your Smartphone recognizes your stroke immediately and displays the letter at the insertion point onscreen. As soon as you lift the stylus from the screen, you can begin the stroke for the next character you want to write.

Graffiti Tips

When using Graffiti writing, keep the following tips in mind:

- For greater accuracy, draw letters with large strokes; strokes that nearly fill the Graffiti writing area are easily interpreted.
- To delete characters, set the insertion point to the right of the character you want to delete, and draw the Backspace stroke (a line from right to left) in the Graffiti writing area.
- Write at natural speed. Writing too slowly can produce errors.
- Do not write at a slant. Keep vertical strokes should be parallel to the sides of the Graffiti writing area.
- When letters and numbers can be written using two different strokes, use the one that's easiest for you.
- Press firmly.

The Graffiti Alphabet

Draw Graffiti letters according to the following alphabet.

Letter	Strokes
A	
B	
C	
D	
E	
F	
G	
H	
I	
J	
K	
L	
M	
Space	
Carriage Return	

Letter	Strokes
N	
O	
P	
Q	
R	
S	
T	
U	
V	
W	
X	
Y	
Z	
Backspace	
Period	<i>Tap twice.</i>

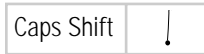
Writing Capital Letters

Graffiti writing automatically capitalizes the first letter of a new record or sentence. To write additional capital letters, you must first write a command to shift to Caps mode— just as you press the Shift key on a keyboard—and then write the desired character stroke.

To write capital letters:

1. Choose from the following options:

- To enter a single capital letter, write the Shift stroke. Then write the character stroke.



When Caps Shift is active, an Up arrow appears in the lower right corner of the screen.



- To enter all capital letters (Caps Lock), write the Caps Lock stroke, as shown below. All subsequent letters are capitalized.



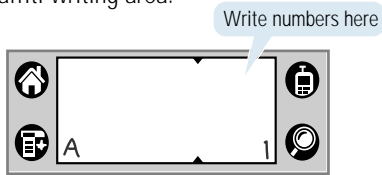
When Caps Lock is active, an underlined Up arrow appears in the lower right corner of the screen.



2. To return to lowercase or release the Caps Lock, press Backspace or draw the Caps Shift stroke again.

Writing Numbers

To write numbers using Graffiti strokes, draw in the right side of the Graffiti writing area.



Draw numbers using the following strokes.

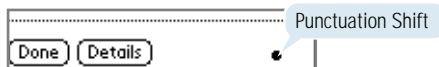
Number	Strokes
0	○ ○
1	┆
2	2
3	3
4	4

Number	Strokes
5	5 5
6	6
7	7
8	8 8
9	9

Writing Punctuation Marks

You can create any punctuation symbol available from a standard keyboard using Graffiti writing.

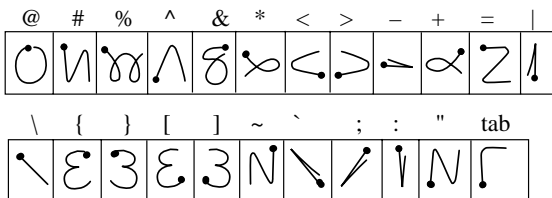
All punctuation marks begin with a single tap on the Graffiti writing area. This tap activates the Punctuation Shift, indicated by a dot displayed above the writing area. The next stroke you make with the stylus creates a punctuation mark. When Punctuation Shift is active, you can write a symbol stroke on either side of the Graffiti writing area (the letter or number side).



Create punctuation marks using the following strokes:

Symbol	Stroke	Symbol	Stroke
Period .	•	Dash –	—
Comma ,	↵	Left Paren (⌒
Apostrophe ’	↑	Right Paren)	⌒
Question ?	?	Slash /	/
Exclamation !	↓	Dollar \$	Ⓓ

Additional Graffiti punctuation includes the following:

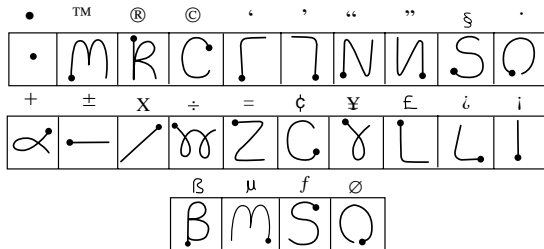


Writing Symbols and Extended Characters

To write symbols and extended characters, you start by activating Symbol Shift. When Symbol Shift is active, a slanted shift symbol appears in the lower right corner of the screen. The next stroke you make creates the symbol or extended character.



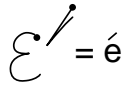
Draw symbols or extended characters using the following strokes:



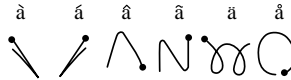
Writing Accented Characters

To draw accented characters, you first draw the stroke for the letter, and then draw the accent stroke. Graffiti writing then adds the accent to the letter.

For example, the following illustration shows the strokes required to draw an accented "e".



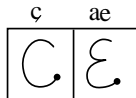
Using these accent strokes, you can write the following accented letters:



à á â ã ä å è é ê ì í î ò ó ô õ ö ù ú û
ü ÿ Δ ñ

Additional Non-English Characters






You can write the following characters in the lowercase alphabet mode without special punctuation or shifting.



Note: You must write these non-English characters in the left side of the Graffiti writing area.

Navigation Strokes

Graffiti writing includes additional strokes for navigating within text or fields in your applications.

Command	Strokes
Move cursor right	
Move cursor left	
Previous field (Address Book only)	
Next Field (Address Book only)	
Open Address Record (Address Book only)	

Using Graffiti ShortCuts

Graffiti ShortCuts let you quickly and easily enter commonly used words or phrases. ShortCuts are similar to the Glossary or Autotext features of some word processors. Graffiti writing comes with several predefined ShortCuts. You can also create your own, for any words, letters, or numbers.

You can create ShortCuts, with up to 45 characters, using the ShortCut preferences. For example, you could create a ShortCut for your name or for the header of a memo. See "ShortCuts Preferences" on page xx to learn about creating your own shortcuts.

Your Smartphone includes the following predefined Graffiti ShortCuts for common entries:

- ds—Date stamp
- ts—Time stamp
- dts—Date/time stamp
- me—Meeting
- br—Breakfast
- lu—Lunch
- di—Dinner

To use a ShortCut:

Draw the ShortCut stroke followed by the ShortCut character or characters.

When you draw the ShortCut stroke, the ShortCut symbol appears at the insertion point.



Using Your Computer Keyboard

If you have a lot of data to enter, or prefer to use the computer keyboard, you can use Palm™ Desktop software or any supported PIM to enter information and then perform a HotSync® operation to synchronize it with your Smartphone. All the main applications on your Smartphone are also available in Palm Desktop software and in most PIMs, so you don't need to learn different applications.

Refer to Palm Desktop online Help for more information on entering data on your computer.

Importing Data

If you have data stored in computer applications such as spreadsheets and databases, or if you want to import data from another device, you can transfer the data to your Smartphone without having to key it in manually. Save the data in one of the file formats listed below, import it into Palm Desktop software, and then perform a HotSync operation to transfer the data to your Smartphone.

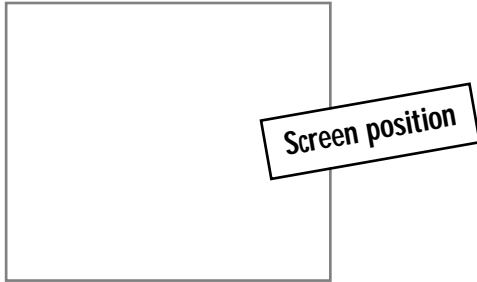
Palm Desktop software can import data in the following file formats:

- Comma delimited (.csv, .txt): Address Book and Memo Pad only.
- Tab delimited (.tab, .tsv, .txt): Address Book and Memo Pad only.
- CSV (Lotus Organizer 2.x/97 Mapping): Address Book only.
- Date Book archive (.dba).
- Address Book archive (.aba).
- To Do List archive (.tda).
- Memo Pad archive (.mpa).

Archive formats can only be used with Palm Desktop software. Use the archive file formats to share information with other people who use devices based on the Palm Computing® platform or to create a copy of your important Palm Desktop information.

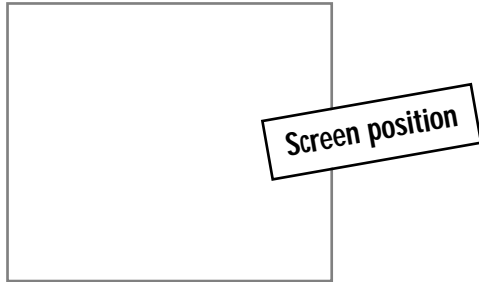
To import data:

1. Open Palm Desktop software. For details, see page xx.



2. Click the application into which you want to import data.
3. If you are importing records that contain a field with category names, do the following:
 - Select All in the Category box.
 - Make sure that the same categories that appear in the imported file also exist in the application. If the categories do not exist, create them now; otherwise, the records will be imported into the Unfiled category.
4. Choose File > Import; then select the file you want to import, and click Open.

5. To import data into the correct Palm Desktop fields, drag fields in the left column so that they are opposite the corresponding imported field on the right.



6. To exclude a field from being imported, deselect the field's check box.
7. Click OK. The imported data is highlighted in the application.
8. To add the imported data to your Smartphone, perform a HotSync operation.

See Palm Desktop online Help for more information on importing and exporting data.

CHAPTER 3

Using Phone and Messaging

The Smartphone's advanced phone and messaging capabilities make it easy to make a phone call, receive a page, see who left voice mail, and participate in a conference (three-way) call.

This chapter explains how to use your Smartphone as an integrated phone and message manager.