Viewing or changing contact information

1. In the Contacts list, begin entering one of the following for the contact you want to view or edit:
   - First initial and last name
   - First name
   - Last name
2. Select the name of the entry you want to open.
3. Select Edit.
4. Make changes to the entry as necessary.
5. Select Done.

Deleting a contact

1. Open the contact you want to delete.
2. Open the menus .
3. Select Delete Contact on the Record menu.
4. Select OK.

Defining your business card

1. Create a new contact with your business card.
2. While still in Contact Edit View, open the menus .
3. Select Business Card on the Record menu.
4. Now you can beam your business card to other Palm Powered devices. In any Phone view, open the menus . Select Beam Business Card on the Record menu.

In the Contacts list, press Up and Down to move to the previous or next Contacts record.

Import contacts from your SIM quickly and easily. In the Contacts list, open the Record menu and select Import from SIM.

The entries on your SIM appear in your Contacts list. To edit these entries you must either Import them into Contacts or edit them in SIM Book.

When the Show SIM Phonebook Category box is checked, your SIM Phonebook entries also appear when you select the All category in the Contacts list or search for a contact.

If you exported contacts from your SIM to Contacts, you may want to uncheck the Show SIM Phonebook Category box to avoid seeing duplicate entries.

Need to copy a contact to your SIM Phonebook? In Contacts, select the contact you want to copy, open the Record menu, and then select Export to SIM.

Viewing your SIM Phonebook

By default, you can view your SIM Phonebook right in the Contacts application.

1. In the Contacts list, open the menus .
2. Select Options, and then select Preferences.
3. Make sure the Show SIM Phonebook Category box is checked.
4. Select OK.
5. In the Contacts list, select the category pick list at the top of the screen and select SIM Phonebook.

Calendar

Displaying your calendar

- Press the Calendar button repeatedly to cycle through the various views:
  - Agenda View: Shows your daily schedule and any items on your Tasks list that are overdue or due today. If there's room, Agenda View also shows your schedule for the next dates that have events scheduled.
  - Day View: Shows your daily schedule one day at a time.
  - Week View: Shows your schedule for an entire week. The timeframes are based on the Start Time and End Time settings in Calendar Preferences.
  - Month View: Shows your schedule for a whole month.

- From any Calendar view, open the Options menu and select Year View to view a calendar for an entire year.
- From Day View, Week View, Month View, or Year View, use the 5-way to move to another day, week, month, or year (based on the current view).
- From Day View, Week View, Month View, or Year View, select Go To, and then select a date from the calendar.

Creating an event

1. Press Calendar until you are in Day View.
2. Press Left ◀ and Right ▶ to select the desired day.
3. Using the keyboard, enter a starting hour for the event. For example, enter 5 for 5:00 (remember to press Option before entering numbers).

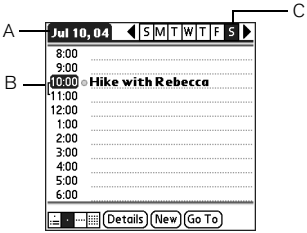
If you have several appointments to enter, it's more efficient to use Palm Desktop software or Microsoft Outlook on your computer and then synchronize the info on your Treo with the info on your computer. For more information, see "Synchronizing contacts and other information" on page 33.

DRAFT 1A palmOne, Inc. Confidential

To automatically assign a time zone to your events, open the Options menu, select Preferences, and check the New events use time zones box. All your new events will be assigned to your local time zone, and you can change this setting for individual events. If you sync with Outlook and you select the time zone option on the Contacts conduit sync screen, then time zones will sync for any new events you create in Outlook. Time zone settings are not added to any events that you created before you set these time zone settings.

4. Select the starting minute for the event.
5. Select the End Time box and select the ending hour and minute for the event.
6. (Optional) Select the Time Zone pick list and select a time zone.
7. Select OK.
8. Enter a description for the event.

IMPORTANT: If you use Palm Desktop software, do not add time zones to your events. Palm Desktop does not support time zones. If you use Microsoft Outlook, you can use the time zone feature, but you must install the conduit that came with your Treo 650 (or a subsequent update) on all the computers you sync your phone with. Chapura PocketMirror and other earlier Microsoft Outlook conduits do not support time zones.



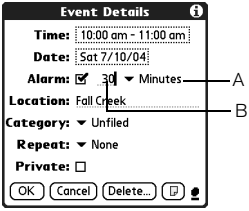
A. Selected date
B. Starting and ending times
C. Selected day

Adding an alarm reminder to an event

1. In Calendar, select the event.
2. Select Details.
3. Check the Alarm box and select the number of minutes, hours, or days before the event you would like to receive the alarm.

DRAFT 1A palmOne, Inc. Confidential

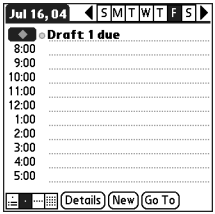
4. Select OK.



A. Type of time units
B. Number of time units

Creating an untimed event

An untimed event, such as a birthday or anniversary, does not occur at a particular time.



1. Press Calendar until you are in Day View.
2. Press Left ◀ and Right ▶ to go to the date of the event.
3. Make sure nothing is highlighted.
4. Enter a description for the event. A diamond appears next to the description of an untimed event.

Color-coding your schedule

Use color-coding to quickly spot different types of events. For example, make your appointments with family green, work blue, and friends yellow.

1. From Day View, select the event description.
2. Select Details.
3. Select the Category pick list and select Edit Categories.
4. Select New or select a category and select Edit.

The silent alarm for untimed events is defined by minutes, days, or hours before midnight of the date of the event.

When an alert occurs, the Alert screen displays all your pending alerts. Select an item's description to jump to that item, or check the box to clear that item.

To save memory, you can purge your old events. Open the Record menu and select Purge. Select the Delete events older than pick list and select a timeframe. Select OK.

If you sync with Microsoft Outlook and your events include other people, a With field appears in the Details dialog box and your attendee info appears in this field after you sync.

To enter a birthday, add this info to the person's Contacts entry.

To enter an anniversary, create an untimed event. Then, from the Details screen, select Year as the repeat interval.

5. Enter the category name.
6. Select the color you want to give this category.
7. Select OK, and then select OK two more times.

Now that the category is set up, you can assign a specific event to this category. See the next section for details.

Editing or deleting an event

1. Select the event you want to reschedule.
2. Select Details.
3. In addition to the settings covered earlier in this chapter, you can also change any of the following settings:
   - Date and Time: When the event takes place. Change these settings to reschedule the event.
   - Location: A description of where the event takes place.
   - Category: The color-coded category for this event.
   - Note : Space for you to enter additional text.
   - Delete: The event is erased from your calendar.
4. Select OK.

Scheduling a repeating event

1. Create an event, and then select it.
2. Select Details.
3. Select the Repeat pick list, and then select a repeat interval.
4. For weekly events, select the day(s) the event repeats; for monthly events, select Day or Date to indicate the repeating method.
5. If the event has an ending date, select the End on pick list, select Select Date, and then select the ending date.

DRAFT 1A palmOne, Inc. Confidential

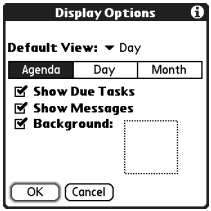
6. Select OK.

A

A. This icon indicates a repeating event.

Customizing display options for your calendar

1. Open the menus .
2. Select Options, and then select Display Options.
3. Select the Default View pick list and select the view you want to see when you open Calendar.
4. Select the Agenda box and set any of the following options:
   - Show Due Tasks: The tasks that are due today and the tasks that are overdue display in Agenda View.
   - Show Messages: The number of read and unread email messages displays in Agenda View.
   - Background: A favorite photo becomes the Agenda View background. Check the Background box, tap the photo thumbnail, and then select a photo. Adjust the fade setting so that the text is easy to read against the photo.

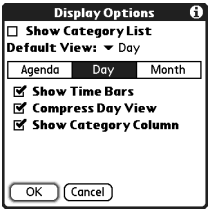


You can customize your phone to display the most current Calendar event on the Main View in the Phone application. Press Phone/Send, open the Options menu, and then select General Preferences. Check the Show Calendar event box.

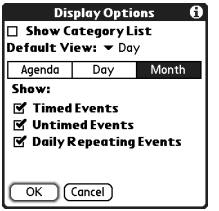
DRAFT 1A palmOne, Inc. Confidential

If you use Microsoft Exchange ActiveSync®, your email and calendar information synchronize directly with your company's Exchange server. You must retrieve email and calendar updates from the VersaMail application, they do not update when you synchronize with your computer. See "Working with Microsoft Exchange ActiveSync" on page 73 for more information. Your contacts, tasks, and memos sync with Palm Desktop software or Microsoft Outlook, depending on which desktop application you use.

5. Select the Day box and set any of the following Day View options:



   - Show Category List: The Category pick list displays in Day View.
   - Start Time and End Time: The beginning and end of the day shown on the Calendar screens.
   - Show Time Bars: The time bars appear in the Day View to show the duration of an event and to illustrate event conflicts.
   - Compress Day View: When this box is checked, all time slots display. When this box is unchecked, start and end times display for each event, but blank time slots toward the bottom of the screen disappear to minimize scrolling.
   - Show Category Column: The color-coded category marker appears between the time and description to indicate which category the event is filed under.
6. Select the Month box and set any of the following Month View options:

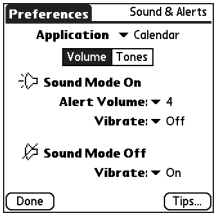


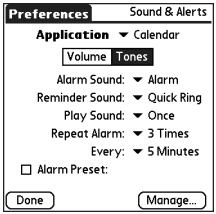
   - Show Category List: The Category pick list appears in Month View.
   - Timed Events: The events that are scheduled for a specific time appear in Month View.
   - Untimed Events: The events that are scheduled for a specific date but not a specific time appear in Month View.
   - Daily Repeating Events: The events that repeat every day appear in Month View.
7. Select OK.

DRAFT 1A palmOne, Inc. Confidential

Selecting alarm tones

1. Open the menus .
2. Select Options, and then select Sound Preferences.
3. Select the Volume box.
4. Select each pick list and select an Alert Volume and Vibrate setting.
5. Select the Tones box.
6. Select tones from any of the following pick lists:
   - Alarm Sound: The tone played the first time your alarm goes off
   - Reminder Sound: The tone played if an alarm is not acknowledged and the alarm repeats itself
   - Play Sound: The number of times an alert tone will play during the alarm sequence
   - Repeat Alarm: The number of times the alarm repeats itself if the alarm is not acknowledged
   - Every: The interval between alarm repeats if the alarm is not acknowledged
   - Alarm Preset: A default for the number of minutes, hours, or days before the event for which the alarm goes off
7. Select Done.





You can also record, preview, delete, and send sounds on your phone. Go to Applications and select Sounds. Select Tones, and then select Manage. To record a sound, select New. To play a sound, select it and press Center. To delete a sound, select it and press Backspace, and to send a sound, select it, and then select Send.

Tasks

You can set Tasks to record the date that you completed the task, and you can select to show or hide completed tasks. Completed tasks remain in the memory of your phone until you purge them.

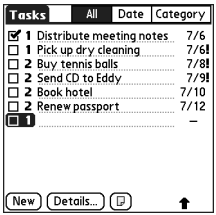
You can display your tasks in your calendar. See "Customizing display options for your calendar" on page 105 details.

Open the menus to access other features such as importing phone numbers into the Tasks list.

You can use Tasks as a reminder of tasks you need to complete and to keep a record of complete tasks.

Adding a task

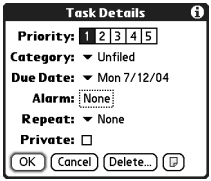
1. Go to Applications and select Tasks.
2. Select New to create a new task
3. Enter a description of the task. The text can be longer than one line.

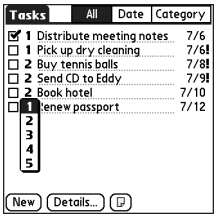


Setting task priority, due date, and other details

The Details dialog box enables you to assign a priority level, due date, category, privacy flag, and note for each task.

1. Select the task to which you want to assign details.
2. Select Details.
3. Set any of the following:
   - Priority: Select the Priority number for this task (1 is most important). Later you can arrange your tasks based on the importance of each task.
   - Category: Assign the task to a specific category.
   - Due Date: Select the Due Date pick list and select a due date for the task.
   - Alarm: Set an alarm for this task.
   - Repeat: Indicate if the task occurs at regular intervals and how often it repeats.
   - Private: Check this box to mark this task private.
   - Note: Enter additional text you want to associate with the task.
4. Select OK.





You can also set the priority by selecting the Priority number next to a task and then selecting a priority level from the list

If you turn on the Show Due Dates option in the Tasks Preferences screen, you can tap directly on the due date in the Tasks list to select a new date.

DRAFT 1A palmOne, Inc. Confidential

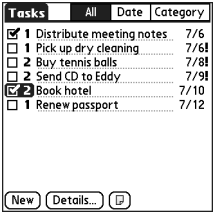
To uncheck the selected task, press Center.

Overdue tasks have an exclamation point (!) next to the due date.

To save memory, you can purge all completed tasks. Open the Record menu and select Purge. Select OK.

Checking off a task

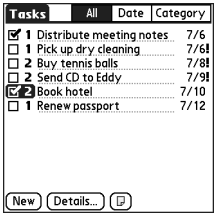
1. Select the task you want to check off.
2. Press Center to check off the task.

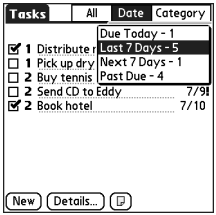


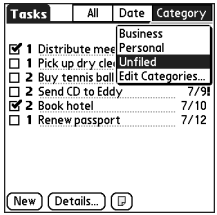
Organizing your tasks

In the Tasks list, select one of these options:

- **All:** Displays all your tasks.
- **Date:** Displays tasks that are due in a specific time frame. Select the Category pick list (in the upper-right) to select Due Today, Last 7 Days, Next 7 Days, or Past Due.
- **Category:** Displays tasks that are assigned to the selected category. Select the Category pick list to select a different category.







Deleting a task

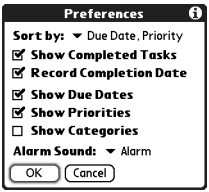
1. Select the task you want to delete.
2. Open the menus .
3. Select Delete Task on the Record menu.
4. Select OK.

DRAFT 1A palmOne, Inc. Confidential

Customizing Tasks

The Tasks Preferences screen enables you to control the appearance of the Tasks list screen.

1. In the Tasks list screen, select Show.
2. Set any of the following preferences:



- Sort by: Indicates the order in which your tasks appear in the list.
- Show Completed Items: Displays tasks you've checked off.
- Record Complete Date: Replaces due date with the completion date when you complete (check) the task.
- Show Due Dates: Displays task due date, and inserts an exclamation point (!) next to overdue tasks.
- Show Priorities: Displays the priority setting for each task.
- Show Categories: Displays the category for each task.
- Alarm Sound: Sets the sound for the alarms you assign to your tasks.

3. Select OK.

Memos

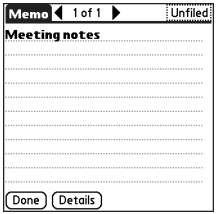
Each memo can include 4,096 characters of text.

You can assign categories to your memos. Open the item you want to change, select the category pick list at the top of the screen, and select a category.

Memos are a great way to store notes on your Treo 650 smartphone.

Creating a memo

1. Go to Applications and select Memos.
2. Enter the text you want to appear in the memo.
3. Select Done.



Deleting a memo

1. Select the memo you want to delete.
2. Open the menus.
3. Select Delete Memo on the Record menu.
4. Select OK.

DRAFT 1A palmOne, Inc. Confidential

Listening to music

You can listen to music through the speaker on the back of your phone or through a stereo headphone (stereo headphone adapter or 2.5mm stereo headphone required, sold separately).

Transferring MP3 files from your computer

The RealOne software that comes with your phone is compatible with the popular MP3 audio file format as well as the Real Audio RA, RM, and RMJ file formats. If your songs are already on your computer's hard drive in one of these formats, you can use palmOne™ Quick Install software to transfer your songs to an expansion card (sold separately) so that you can listen to them on your phone.

If your songs are on a CD, you can use the RealPlayer desktop software on your Windows computer to convert the files and transfer them to an expansion card. See the RealPlayer desktop online Help for details. You can install the RealPlayer desktop software from the Software Essentials section on the Software Installation CD that came with your Treo.

If you want to download songs from the Real Music Store (additional fees may apply), you need to download and install a special version of RealPlayer for palmOne that is compatible with Real Music Store files. To download this special version, visit www.real.com.

You must use an expansion card to listen to music on your phone. You cannot store music in your phone's internal memory.

You can also use a card reader accessory (sold separately) to transfer MP3 files from your computer to your expansion card. Create an SD_Audio folder in the root directory of the card, and store your MP3 files in this folder.

On a Mac, use iTunes (included with OS X) to convert music from a CD to MP3 format. You can then follow the steps to transfer MP3 files onto your phone. For details on using the iTunes software, see the documentation that came with your Mac.

For tips on using RealPlayer on your computer, go to the Help menu in RealPlayer or visit www.real.com.

1. Connect your Treo to your computer with the USB sync cable.
2. Insert an expansion card into your Treo.
3. Do one of the following:
   - **Windows:** Drag and drop the file(s) or folder onto the palmOne Quick Install icon on the Windows desktop.
   - **Mac**: Drag and drop the MP3 files onto the Send To Device droplet in the Palm folder.

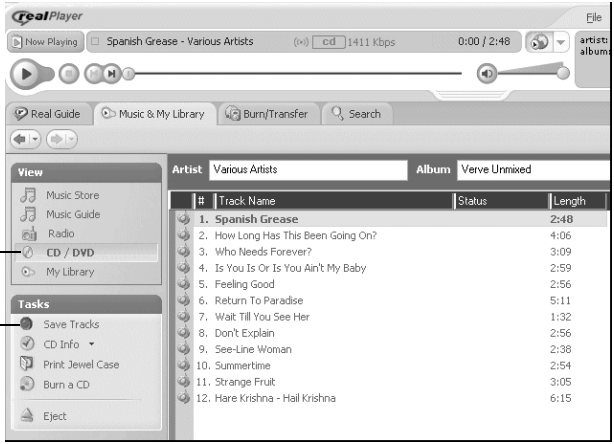
4. Select your Username, the File name, and the Destination (card).
5. Click OK.
6. Synchronize your Treo with your computer. Be patient; transferring music to an expansion card can take several minutes.

Transferring music from a CD to your phone

To transfer music from a CD to your phone, you must first install the RealPlayer desktop application onto your Windows computer. You must install this software from the Software Installation CD even if you already have a version of RealPlayer on your computer. After you install the software, follow these steps to transfer music to your phone.

1. Double-click the RealPlayer icon on your computer desktop.
2. Insert the CD into your computer's CD drive.
3. If the track list doesn't appear, click Music & My Library, and then click CD/DVD in the View menu.
4. Click Save Tracks, and follow the onscreen instructions to select and copy tracks.

DRAFT 1A palmOne, Inc. Confidential



A. CD/DVD
B. Save Tracks

5. Go to Applications and select Music .
6. Connect your phone and your computer to the USB sync cable.
7. In RealPlayer on your computer, click Burn/Transfer.
8. If necessary, select palmOne Handheld from the Current Burn/Transfer Device drop-down list.
9. Drag the song files you want from the My Library window on the left into the palmOne device window on the right.

Do not press the HotSync® button on your cable. RealPlayer transfers the files, so there's no need to do anything.

You can customize your Treo so that pressing and holding the Side button on the side of your Treo opens RealPlayer. See "Button settings" on page 148 for details.

To view details for the song that is currently playing, open the Music menu and select Song Details.

10. Be sure your phone is on and that RealPlayer is open. If it is, a green Connected light appears in the lower-left corner of RealPlayer on your computer.
11. Click Start Transfer. When the transfer is complete, the tracks you selected should say "On Device."

Listening to music on your Treo

1. Go to Applications and select RealPlayer.
2. Do any of the following:
   - To play (or pause) the current song, press Center or the Side button.
   - To play the next song, press Right ▶.
   - To play the previous song, press Left ◀.
   - To play a different song, use the stylus to select Songs and select a song from the list.
   - To select random or continuous playback, use the stylus to select the onscreen controls.
   - To adjust the volume during playback, press the Volume button.

DRAFT 1A palmOne, Inc. Confidential

A. Progress indicator
B. Continuous play
C. Random play

RealPlayer continues playing until it reaches the end of your list or until you select Stop. Music continues to play even if you switch to another application or turn off your screen. If you want to stop playing music when you exit RealPlayer, open the Options menu and select Preferences. Uncheck the Enable Background Playback box, and then select OK.

Creating a playlist

1. Select Playlists.
2. Select New.
3. Enter a Name for the playlist.
4. Select Add.
5. Check the box next to the songs you want to include on the playlist.
6. Select Done, and then select Done again.

To play songs from a playlist, select Playlists, select the playlist you want to play, and then select the first song you want to hear on that list.

To delete a playlist, select Playlists, select the playlist, and then select Delete.

DRAFT 1A palmOne, Inc. Confidential

Editing a playlist

1. Select Playlists.
2. Select the playlist you want to edit.
3. Select Edit.
4. Do any of the following:
   - To delete a song from the playlist, select the song, and then select Remove.
   - To add a song, select Add, check a song's box, and then select Done.
   - To move a song up or down one slot, select a song, and then select the up or down arrow.
5. Select Done, and then select Done two more times.

DRAFT 1A palmOne, Inc. Confidential

World Clock

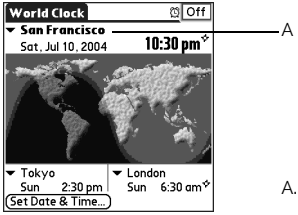
World Clock displays the day and time in your home city and in two other cities around the globe. Whether you're travelling or at home, it's easy to keep track of the best time to reach your business associates, friends, and family in far away places.

Setting your home city

The home city serves as a point of reference for your other city selections. The home city time reflects the current system time. The information displayed for the other cities is based on the day and time in your home city.

If the Enable Local Network Time box is checked in your Date & Time Preferences, your wireless service provider's network automatically sets the time and updates it when you travel.

1. Go to Applications and select World Clock .
2. Select the City pick list at the top of the screen and select the city closest to your location (in the same time zone).
3. Select OK.



A. Home city

World Clock does not automatically update the system time for Daylight Savings Time.

Run your stylus over the map to see the time in other cities.

The shadow over the map represents nighttime moving across the globe.

DRAFT 1A palmOne, Inc. Confidential

To customize the alarm sound and volume, open the Options menu and select Alarm Preferences.

Selecting remote cities

In addition to your home city, you can display the day and time for two other cities anywhere around the globe. These other cities are called remote cities.

- Select a pick list in the lower part of the World Clock screen, and then select the city closest to the city you want to display.

Adding cities

If the city you want to display is not in the predefined list, you can add it.

1. Select a City pick list and select Edit Cities.
2. Select New.
3. Enter the city name and other information.
4. Select OK.

Setting an alarm

1. Select Off in the upper-right corner.
2. Select the time you want the alarm to sound.
3. Select OK.

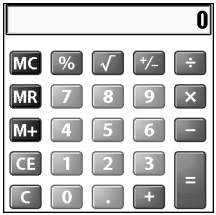
DRAFT 1A palmOne, Inc. Confidential

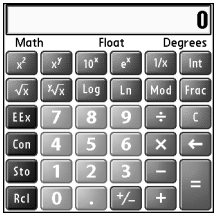
Calculator

Calculator includes a basic calculator, plus an advanced calculator with scientific, financial, and conversion functions.

Switching between Basic and Advanced Calculator Modes

1. Go to Applications and select Calculator .
2. Open the menus .
3. Select Options, and then select Advanced Mode or Basic Mode.





Selecting functions in Advanced Calculator Mode

1. Switch to Advanced Calculator Mode (see above).
2. Open the menus .
3. Select Options, and then select the function you want to use:
   - Math: Advanced mathematical functions such as exponents, roots, and logarithms.
   - Trig: Trigonometric functions such as sine, cosine, tangent, and variants.
   - Finance: Financial calculator functions such as APR and amortization.

You can tap the screen or use the keyboard to input numbers.

In Basic Mode, you can also press Right ▶ to switch to Advanced Mode. In Advanced Mode, press Right ▶ to cycle between functions, and press Left ◀ to return to Basic Mode.

DRAFT 1A palmOne, Inc. Confidential

Select Sto to store a number in one of ten memory slots. Select Rcl to recall a stored number.

Select Con to access a list of mathematical constants such as Avogadro's number or the speed of light.

- **Logic:** Hexadecimal characters in keypad, plus logic functions such as and, not, or and xor. In place of Float/Degrees (see below), this view includes options for class (bin, oct, SDec, UDec, hex) and bits (8, 16, 32).
- **Statistics:** Statistical functions such as sum, factorial, and random number generator.
- **Weight/Temp:** Weight and temperature conversions for metric and English values.
- **Length:** Length conversions for metric and English values.
- **Area:** Area conversions for metric, traditional, and English values.
- **Volume:** Volume conversions for metric and English values.

4. Enter an integer for the number of decimal places to display.
5. Open the menus .
6. Select Pref, and then select the decimal display format: Float, Fixed x), Sci (x), or Eng (x).
7. Open the menus .
8. Select Pref, and then select the number display format: degrees, radians, or grads.

DRAFT 1A palmOne, Inc. Confidential

Looking up contacts and other information

With the built-in search features on your Treo, you can find information quickly:

- **Lookup:** Enables you to dial your contacts by name. It locates people's phone numbers when you're in the Phone or Messaging applications.
- **Find:** Searches through the text in all the applications on your Treo.

Looking up contacts

You can look up contacts directly from the Contacts list. This feature helps you locate contacts quickly by entering just a few letters of a contact's name.

1. Press the Phone/Send button.
2. Select the Contacts favorite button.
3. From the Contacts list, enter the first few letters of the contact you want to find. You can enter:
   - First name (JOH for John) or
   - Last name (SMI for Smith) or
   - First name initial and last name (JSM for John Smith)

If entering the first few letters doesn't start a search, go to Applications and select Contacts, and then try step 2 again. To set your Treo to search from the Main View of the Phone application, go to that view, open the Options menu, and select General Preferences. Then select the second pick list and select Typing starts contacts search.

To look up contacts in other applications, select the Lookup button if it appears.

DRAFT 1A palmOne, Inc. Confidential

For example, entering SM would display Smilla Anderson, John Smith, and Sally Martin. Entering JSM finds only John Smith.

4. Do one of the following:
   - Highlight the contact name, and then press Center to view the contents of the record.
   - Highlight any phone number, and then press Phone/Send to dial.

Using Find

The Find feature locates any text in the built-in applications and databases and in some third-party applications. The Find feature performs an exact search on a character string, including characters that are parts of words.

1. Press Option, and then press Shift/Find to open the Find dialog box.
2. Enter the text you want to find.
3. Select OK to start the search.
4. In the search results, select the text you want to review, or select Find More to search additional applications.

DRAFT 1A palmOne, Inc. Confidential

Beaming information

Your Treo is equipped with an IR (infrared) port that lets you beam information to another Palm Powered device with an IR port. The IR port is located on the top of your Treo, between the antenna and the ringer switch, behind the small dark shield.

Beaming a record

1. Select the entry or category you want to beam. If a lock appears next to the item, it can't be beamed.
2. Open the menus .
3. Select Record, and then select one of the following:
   - Beam: Sends an individual record.
   - Beam Category: Sends all entries in the current category.
4. When the Beam Status dialog box appears, point the IR port on your Treo directly at the IR port of the receiving device.
5. Wait for the Beam Status dialog box to indicate that the transfer is complete before you continue using your Treo.

You can store a beamed application on your phone, or send it to an expansion card inserted in the expansion card slot.

Beam your business card in two key presses: From the Main View in the Phone application, open the menus, and then press M.

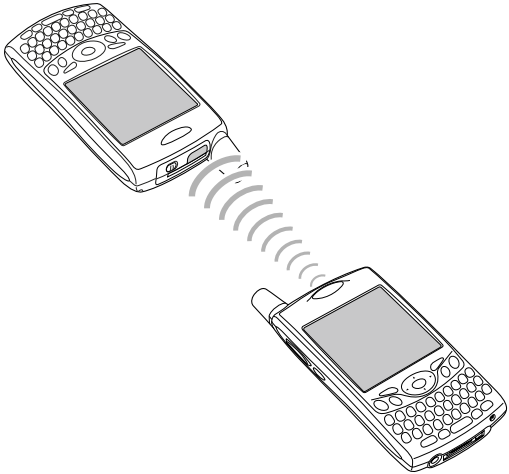
If you beam a bookmark or saved page from the Web browser, it beams the URL, not the contents of that page.

DRAFT 1A palmOne, Inc. Confidential

For best results, the path between the two devices must be clear of obstacles, and both devices kept stationary. If you have difficulty beaming, shorten the distance and avoid bright sunlight.

If you do not select a category upon receiving a beamed item, the item is placed in the Unfiled category.

If you can't receive beamed information, try a soft reset (see "Resetting your Treo" on page 164).



Beaming an application

Not all applications can be beamed. A Lock icon appears on the Beam screen next to applications that cannot be beamed.

1. Go to Applications .
2. Open the menus .
3. Select Beam on the App menu.
4. Select the Beam From pick list and select whether the application you want to beam is located on your Treo or on an expansion card.
5. Select the application you want to transfer.
6. Select Beam.

DRAFT 1A palmOne, Inc. Confidential

7. When the Beam Status dialog box appears, point the IR port on your Treo directly at the IR port of the receiving device.
8. Wait for the Beam Status dialog box to indicate that the transfer is complete before you continue using your Treo.

Receiving beamed information

1. Turn on your screen.
2. Point the IR port on your Treo directly at the IR port of the transmitting device to open the Beam Status dialog box.
3. When the Beam dialog box appears, select a category for the entry.
4. Press Up ▲ to receive the beam or press Down ▼ to refuse it.

DRAFT 1A palmOne, Inc. Confidential

first month:
managing applications

Installing applications

On a Windows computer, you can also access palmOne™ Quick Install by selecting the Quick Install icon in Palm® Desktop software or on the Start menu in the Programs folder.

Your Treo™ 650 smartphone comes with several built-in and ready to use applications. You can also install any of the bonus software included on the Software Installation CD as well as other third-party Palm OS® applications, such as business software, games, and more. To learn more, go to www.palmOne.com/intl/software.

When you download an application to your computer, it is probably in a compressed format such as a .zip or .sit file. If the file is compressed, you need to use a decompression utility on your computer, such as Winzip or Unstuffit, before you install applications on your Treo.

These instructions tell you how to install basic .prc (Palm OS application) and .pdb (Palm OS database) files onto your Treo. Some Palm OS software uses an installer or wizard to guide you through the process. Consult the documentation that came with the software for details.

Installing applications from the Internet

You can install Palm OS applications directly from the Internet, using the Web browser. When you download an application, it automatically installs on your Treo. Remember: Palm OS applications have .prc or .pdb at the end of their file names.

1. Open the Web browser (see “Viewing a web page” on page 83).
2. Go to the page that contains the link to the application you want to download.
3. Press Left ◀ or Right ▶ to highlight the link to the file, and then press Center to initiate the download process.

DRAFT 1A palmOne, Inc. Confidential

Installing applications from a Windows computer

1. Drag and drop the file(s) onto the palmOne™ Quick Install icon on the Windows desktop.
2. Select your username from the list, and then click OK.
3. Synchronize your phone with your computer to install the application(s) on your Treo.

Installing applications from a Mac computer

1. Drag and drop the file(s) onto the Send To Device droplet in the Palm folder.
2. Select your username from the list, and then click OK.
3. Synchronize your phone with your computer to install the application(s) on your Treo.

Getting help with third-party applications

If a you encounter a problem with a third-party application (such as an error message), contact the application's author or vendor. For general troubleshooting of third-party applications, see "Third-party applications" on page 183.

Before you can install an application from your computer to your Treo, you need to install Palm Desktop software on your computer (see "Installing the desktop synchronization software on your computer" on page 32).

To control whether files are installed on your phone or on an expansion card, double-click the palmOne Quick Install icon on a Windows computer or open the HotSync® menu and select Install Handheld files on a Mac. Select your username, click Add, and then select the files you want to install.

Removing applications

Some applications are factory-installed in your phone and cannot be deleted. These are listed with a Lock icon next to them.

If you upgraded from a previous version of Palm Desktop software your backup folder may be located in the Palm folder.

Applications deleted from your phone are kept on your computer, in the Archive folder of your user folder.

If you decide that you no longer need an application, or you want to free up memory on your Treo, you can remove applications from your Treo or an expansion card (for more on expansion cards, see “Inserting and removing expansion cards” on page 134). You can remove only applications, patches, and extensions that you install; you cannot remove the built-in applications that reside in the ROM portion of your Treo.

1. Go to Applications.
2. Open the menus.
3. Select Options, and then select Delete.
4. If you want to remove an application from an expansion card, insert the card into your Treo.
5. Select the Delete From pick list and select the location of the application you want to remove.
6. Select the application that you want to remove.
7. Select Delete.
8. Synchronize to remove the application from the Backup folder on your computer.

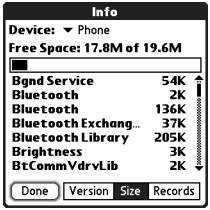
If the application re-appears on your phone, you may need to manually delete it from your computer. Locate your Backup folder on your computer (Windows: C:\Program Files\palmOne\username; Mac: Mac HD\Applications\palmOne\Users\username). If you find a .prc or .pdb file for the application you just removed, delete the file from the Backup folder.

DRAFT 1A palmOne, Inc. Confidential

Viewing application info

The Info screens display basic statistics about the applications on your Treo.

1. Go to Applications .
2. Open the menus .
3. Select Info on the App menu.
4. At the bottom of the screen, select the type of information you want to view:
   - Version: The version numbers of applications on your Treo.
   - Size: The size (in kilobytes) of applications and information on your Treo.
   - Records: The number of entries in different applications on your Treo.
5. Select Done.



Using expansion cards

SD cards are faster than MultiMediaCard cards for reading and writing information.

When you're not using the expansion card, reinsert the dummy card to keep the expansion card slot clean.

The warranty does not cover damage by Secure Digital (SD) cards that do not meet SD Memory Card Specifications. SD cards that do not meet SD Memory Card Specifications may damage Treo 650. SD cards that do meet SD Memory Card Specifications are marked with the following logo:

The expansion card slot on your Treo enables you to add Secure Digital (SD) cards and MultiMediaCard cards to extend the storage capacity of your Treo. For example, SD or MultiMediaCard expansion cards can store:

- Photos
- MP3 audio files
- Email attachments
- Games
- eBooks
- Applications
- Databases
- ... and more

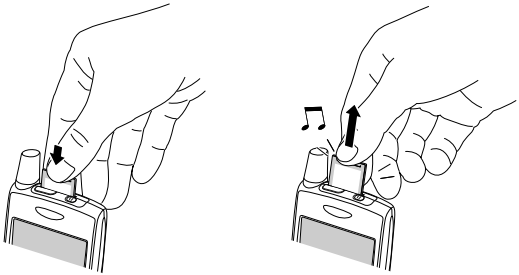
Your Treo is also compatible with Secure Digital input/output (SDIO) cards, which let you add accessories, such as a presentation module, to your phone.

Although expansion cards are sold separately, your Treo includes a dummy, non-functional card inside the expansion card slot. When you do not have a functioning card inside the expansion card slot, reinsert the dummy card to protect the slot opening.

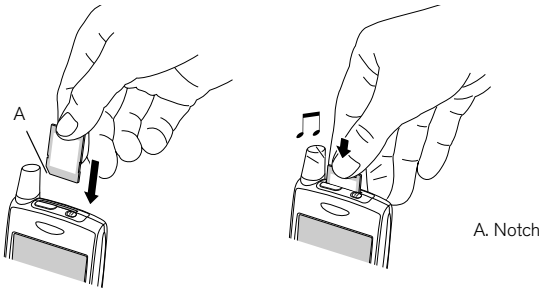
Inserting and removing expansion cards

1. Press down and release the dummy card.
2. After you feel the expansion card slot eject the dummy card, remove the card from the slot.

DRAFT 1A palmOne, Inc. Confidential



3. Hold your Treo with the screen facing you and the card with the label facing you. The notch on the card should be in the lower-left corner next to the antenna.
4. Insert the card into the expansion card slot until you feel it lock into place and hear the confirmation tone.



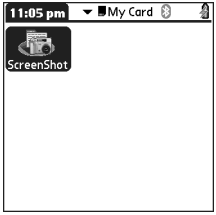
When you insert an expansion card, the card name appears as a category with a Card icon next to the name. To switch between the applications on the expansion card and your phone, select the category pick list at the top of the screen and select another category.

In order to run an application on an expansion card, you must have enough free space in the internal memory of your Treo to accommodate the program.

DRAFT 1A palmOne, Inc. Confidential

Before you copy an application to an expansion card, make sure that it is compatible with Palm OS version 5.4 or higher. Some applications do not work with expansion cards and do not allow you to store files in a location that is separate from the application.

Opening applications on an expansion card



After you insert an expansion card in the expansion card slot, you can open any of the applications stored on the expansion card.

1. Insert the expansion card into the expansion card slot. The Applications View automatically appears.
2. Select the icon for the application you want to open.
3. Press Center to open the application.

Copying applications to an expansion card

You can copy applications between your Treo and your expansion card.

1. Go to Applications .
2. Open the menus .
3. Select Copy on the App menu.
4. Select the Copy To pick list and select the destination: card name or Phone.
5. Select the From pick list and select the location of the application you want to copy: card name or Phone.
6. Highlight the application you want to copy.
7. Select Copy.

DRAFT 1A palmOne, Inc. Confidential

Viewing expansion card information

The Card Info application displays general information about the expansion card that is currently in the expansion card slot.

- Go to Applications and select Card Info .

Renaming an expansion card

If you change the contents of an expansion card, you may at some point want to rename the card to better match its contents.

1. Insert the expansion card into the expansion card slot.
2. Select the category pick list at the top of the screen and select All.
3. Select Card Info .
4. Open the menus .
5. Select Rename Card on the Card menu.
6. Enter a new name for the card.
7. Select OK.

Formatting an expansion card

Formatting an expansion card is similar to formatting a disk on a computer. When you format an expansion card, you erase all the information stored on the card.

1. Insert the expansion card into the expansion card slot.
2. Select the category pick list at the top of the screen and select All.
3. Select Card Info .
4. Open the menus .
5. Select Format Card on the Card menu.
6. Enter a new name for the card.
7. Select OK.

Before copying information to, renaming, or formatting and expansion card, make sure the card is not write-protected. See the instructions that came with your card for details.

DRAFT 1A palmOne, Inc. Confidential

when you're ready: customizing your Treo

Phone settings

You can also record, preview, delete, and send, sounds on your phone. Go to Applications and select Sounds. Select Tones, and then select Manage. To record a sound, select New. To play a sound, select it and press Center. To delete a sound, select it and press Backspace, and to send a sound, select it and then select Send.

Want more ringtones? You can download any compatible ringtone directly to your phone (see "Downloading files from a web page" on page 86). You can also download ringtones to your computer and then email them to your phone.

Selecting ringtones

You can set different tones for different types of incoming phone calls and alerts.

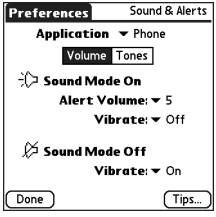
1. Press the Phone/Send button.
2. Open the menus .
3. Select Options, and then select Sound Preferences.
4. Select the Tones box.
5. Select ringtones and alerts from any of the following pick lists:
   - Known Caller Tone: An incoming call from someone in your Contacts or Favorites.
   - Unknown Caller Tone: An incoming call from someone identified by caller ID who is not in your Contacts or Favorites.
   - Roaming Tone: A special tone for incoming calls when you're outside your home mobile network.
   - Voicemail Tone: A new voicemail.
   - Service Tone: A warning of a service change, such as moving into and out of a mobile network coverage area.

6. Select Done.

DRAFT 1A palmOne, Inc. Confidential

Selecting Alert Volume and Vibrate settings

1. Press the Phone/Send button.
2. Open the menus .
3. Select Options, and then select Sound Preferences.
4. Select the Alert Volume pick list and select a volume level.
5. Select the first Vibrate pick list and indicate if you want your phone to vibrate when you receive a call or alert and Sound Mode is on.
6. Select the second Vibrate pick list and indicate if you want your phone to vibrate when you receive a call or alert and Sound Mode is off.
7. Select Done.



Adjusting call or music volume

While a call is in progress, press the Volume button on the side of your Treo™ 650 smartphone to adjust the call volume. While music is playing, press the Volume button to adjust the music volume.

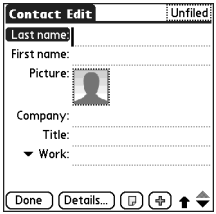
Adjusting ringer volume

When a call is not in progress and music is not playing, press the Volume button on the side of your Treo to adjust ringer volume, and then press the Side button to confirm your selection.

You can also adjust the ringer volume by pressing the Volume button when a call or music is not in progress.

Assigning a caller ID photo

1. Press Phone/Send .
2. Select the Contacts favorites button.
3. Open the contact you want to give a photo caller ID.
4. Select the Picture box.
5. Select Camera to take a photo and add it to this contact entry when you save the photo (if your Treo includes a camera), or select Photos to add an existing photo to this contact entry.



6. Select the photo you want to assign to this contact.
7. Select Done.

DRAFT 1A palmOne, Inc. Confidential

Assigning a caller ID ringtone

1. Press Phone/Send .
2. Select the favorite you want to give a ringtone.
3. Open the menus .
4. Select Edit Favorites on the Record menu.
5. Select the Ringtone pick list and select a tone for this contact entry.
6. Select OK.

Selecting wallpaper for the Phone application

If you have images stored on your Treo, you can select different wallpaper for the Main View in the Phone application.

1. Press Phone/Send .
2. Open the menus .
3. Select Options, and then select General Preferences.
4. Select the pick list at the top of the screen and select Show Wallpaper.
5. Select the thumbnail image and select a wallpaper image for your Phone application.
6. Select OK.

If you prefer to use the onscreen Dial Pad, assign the Dial Pad as the default wallpaper.

If you remove the Dial Pad as the wallpaper, you can still access it quickly. Press Phone, and then press Center. Dial Pad is always the first selection in your redial list.

You can also set the background for the Calendar's Agenda View. See "Customizing display options for your calendar" on page 105 for details.

System sound settings

If the ringer switch is set to no sound, the ringer setting overrides the sound settings and all sounds are turned off.

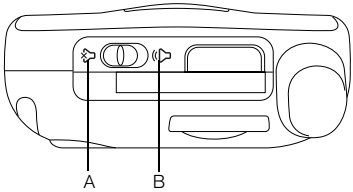
Your Treo includes a silent alarm that can vibrate even when the ringer switch is set to Sound Mode Off.

You can immediately silence all sounds on your Treo, including phone ringtones, Calendar alerts, and system sounds. This does not mute the speaker on your Treo during a phone call.

Setting the ringer switch

1. Slide the ringer switch to Sound Mode Off.
2. To hear all sounds again, slide the ringer switch to Sound Mode On.

When you slide the ringer switch back to the Sound Mode On position, it restores the previous sound settings. For example, if the phone ring volume is set to 7 and you slide the ringer switch to Sound Mode Off, you will not hear the phone ring. When you move the ringer switch back to Sound Mode On, the phone ring volume is still set to 7.



A. Sound Mode On
B. Sound Mode Off

Setting system volume levels

1. Go to Applications and select Sounds.
2. Select the Application pick list and select General.
3. Select the System Volume and Game Volume pick lists and select a volume level.
4. Select Done.

DRAFT 1A palmOne, Inc. Confidential

Display and appearance

To automatically set the brightness to the preset low setting, press Option, and then press Right Shift.

Adjusting the brightness

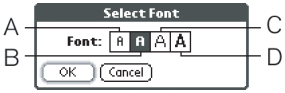
Depending on the lighting conditions in which you're using your Treo, you may need to adjust the brightness of the screen.

1. Press Option, and then press P.
2. Press Left ◀ and Right ▶ to adjust the brightness.
3. Select Done.

Changing the screen font

You can change the screen font in Calendar, Contacts, Memos, Messaging, and Tasks. The font styles may vary between applications.

1. Open the application in which you want to change the font.
2. Open the menus.
3. Select Options, and then select Font.
4. Select a font style.



A. Small font
B. Small bold font
C. Large font
D. Large bold font

5. Select OK.

You can also set the wallpaper for the Main View in the Phone application (see "Selecting wallpaper for the Phone application" on page 143) and the background for the Calendar's Agenda View (see "Customizing display options for your calendar" on page 105).

Aligning the screen

Occasionally, your Treo screen may need to be readjusted. If this occurs, you may see the wrong feature being activated when you tap the screen. To fix the problem, you can align the screen any time.

1. Go to Applications and select Prefs.
2. Select Touchscreen.
3. Follow the onscreen instructions.
4. Select Done.

Changing the system color scheme

1. Go to Applications and select Prefs.
2. Select Color Theme.
3. Select a color scheme.
4. Select Done.

DRAFT 1A palmOne, Inc. Confidential

Applications settings

Arranging applications by category

You can assign an application to a category and then display a specific category of applications in the Applications View.

1. Go to Applications.
2. Open the menus.
3. Select Category on the App menu.
4. Select the pick list next to each application and select a category.
5. Select Done.

Displaying applications by category

Do one of the following:

- Press Applications repeatedly to cycle through the categories.
- Select the category pick list at the top of the screen and select a category.

The Applications View displays each application as an icon, or you can view them as a list.

1. Go to Applications.

2. Open the menus.

3. Select Options, and then select Preferences.

4. Select the View By pick list and select List.

5. Select OK.

To create a new category, select the category pick list and select Edit Categories. Select New, and then enter the category name. Select OK to close the dialog box, and then select OK.

Button settings

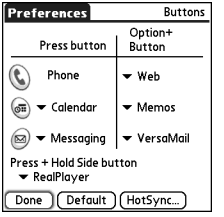
You can also pick an application to open with the HotSync® button on the USB sync cable.

To restore all the buttons and key combinations to their factory settings, select Default.

Setting Buttons Preferences

Buttons Preferences lets you select which applications are associated with the buttons on your Treo.

1. Go to Applications and select Prefs.
2. Select Buttons.
3. Select the pick list next to the button or key combination you want to re-assign and select an application.
4. Select Done.



Setting default applications

Sometimes, one application looks for another application to handle information (for example, a mail application might open a browser when you select a link in an email message).

1. Go to Applications and select Prefs.
2. Select Default Apps.
3. Select each pick list and select the application you want to associate with that function.
4. Select Done.

DRAFT 1A palmOne, Inc. Confidential

Date and time settings

Setting the date and time

Date & Time Preferences enables you to set the time, date, time zone, and Daylight Savings Time setting for your Treo.

1. Go to Applications and select Prefs .
2. Select Date & Time.
3. Uncheck the Enable Local Network Time box.
4. Select the Location pick list and select the city closest to your current location. If a nearby city is not on the list, follow these steps to add a city:
   - Select Edit List.
   - Select Add.
   - Select a city in your time zone, and then select OK.
   - If necessary modify any of the settings in the Edit Location dialog box.
   - Select OK.
5. Select the Set Date box. Highlight the current year, month, and date, and then press Center to set the date.
6. Select the Set Time box, and then select the current time.
7. Select OK.
8. Select the Daylight Saving pick list and select On or Off.
9. Select Done.

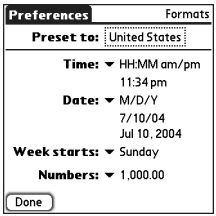
If your wireless service provider supports this feature, you can check the Enable Local Network box to synchronize the date and time on your phone with the network. Then whenever your phone is on and you are inside a coverage area, the date and time are updated.

DRAFT 1A palmOne, Inc. Confidential

The Week starts setting controls the Day, Week, Month, Year, and List Views in Calendar and all other aspects of your phone that display a calendar.

Setting date and time formats

Formats Preferences enables you to select number conventions based on geographic regions. For example, in the United Kingdom, time often is expressed using a 24-hour clock. In the United States, time is expressed using a 12-hour clock with an AM or PM suffix. All the built-in applications on your Treo use the Format Preferences settings.

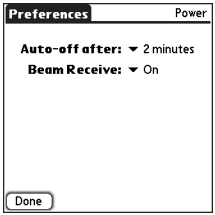


1. Go to Applications and select Prefs .
2. Select Select Formats.
3. Set any of the following preferences:
   - Preset to: The standard number conventions for your country. When you select a country, the other Formats Preferences are automatically set to that country's conventions. You can also edit each option individually.
   - Time: The time format. Select HH:MM to display a 24-hour clock.
   - Date: The date format.
   - Week starts: The first day of the week (usually Sunday or Monday).
   - Numbers: The format for numbers with decimal points and commas.
4. Select Done.

DRAFT 1A palmOne, Inc. Confidential

Power Preferences

1. Go to Applications and select Prefs.
2. Select Power.



3. Set any of the following preferences:
   - Auto-off After: The time that elapses before your screen turns off automatically.
   - Beam Receive: The setting for whether you want your Treo to receive beamed information.
4. Select Done.

Locking your phone and info

To avoid accidentally pressing onscreen buttons while you're holding the phone up to your ear to speak, you can disable the screen's touch-sensitive feature during active calls. When the screen's touch-sensitive feature is disabled, you must use the 5-way navigator to access the buttons on the Active call screen. (See "Using Auto-Keyguard and touchscreen lockout" on page 153).

Your Treo includes several features that help you protect your phone from inadvertent use and keep your information private. The built-in security software enables you to use your Treo for emergency calls even if the handset is locked.

- Keyguard: Manually disables all buttons and the screen's touch-sensitive feature to prevent accidental presses in your briefcase or pocket.
- Auto-Keyguard and touchscreen lockout: Automatically enables Keyguard after a period of inactivity and lets you disable the screen's touch-sensitive feature during an active call or call alert.
- Phone Lock: Requires a password to make and receive calls with your SIM card.
- System password lock: Requires a password to see any information on your Treo.
- Private records: Masks or hides items marked as private and requires a password to view them.

Using Keyguard

Your Treo includes a feature that locks the keyboard so that you don't accidentally press buttons or activate screen items while the phone is in a pocket or bag.

1. With the Treo screen on, press Option and the Power/End button to enable Keyguard.
2. To disable Keyguard, press Center.

DRAFT 1A palmOne, Inc. Confidential

Using Auto-Keyguard and touchscreen lockout

Auto-Keyguard lets you automatically lock the keyboard after a period of inactivity.

1. Go to Applications and select Prefs.
2. Select Keyguard.
3. Set either of the following preferences:
   - **Auto-Keyguard:** The period of inactivity that passes before the keyboard automatically locks.
   - **Disable touchscreen when:** The conditions that disable the screen's touch-sensitive feature.
4. Select Done.

Using Phone Lock

You can lock your SIM card to prevent unauthorized use of your mobile account. When your SIM card is locked, you must enter the correct PIN to unlock it, even if you move it to a different phone.

1. Press Phone/Send.
2. Open the menus.
3. Select Options, and then select Phone Lock.
4. Check the Lock SIM box.
5. When prompted, enter the current PIN and select OK. Unless you changed your PIN, enter the default PIN, provided with your wireless service provider's account materials.
6. If you want to change the PIN, select Change PIN, enter a new PIN, and then select OK. Repeat this step to verify the new PIN.
7. Turn your phone off to activate the phone lock feature.
8. To turn your phone on again, press and hold the Power/End button, enter your PIN, and then select OK to unlock your phone.

Your SIM card locks again when you turn off your phone and then turn it back on.

To change your password, select the Password box, enter your current password, and then enter the new password. To delete your password, select the Password box, and then select Unassign.

Important: If your SIM card is locked and you enter the wrong PIN more than three times, your SIM will be blocked, and you must call your wireless service provider for your unique PUK (PIN unlock key).

DRAFT 1A palmOne, Inc. Confidential

Important: If you lock your system, you must enter the exact password to unlock it. If you forget the password, you need to perform a hard reset to resume using your phone. Performing a hard reset deletes all the entries in your phone. However, you can restore all previously synchronized info the next time you sync (see "Synchronizing contacts and other information" on page 33).

To lock your system manually, select Lock & Turn Off, and then select Off & Lock.

To permanently unlock your SIM card:

1. Open the menus .
2. Select Options, and then select Phone Lock.
3. Uncheck the Lock SIM box.
4. When prompted, enter the current PIN and select OK.

Using system password lock

To protect your personal information, you can lock the system so that you need to enter your password to access any of your information or use other features of your Treo.

1. Go to Applications and select Security .
2. Select the Password box.
3. Assign a password and a password hint.
4. Select the Auto Lock Device box.
5. When prompted, enter your password.
6. Select one of the following options:
   - Never: Prevents your Treo from locking automatically.
   - On power off: Locks your Treo when you turn off the screen, or when it shuts off with the Auto-off feature.
   - At a preset time: Locks your Treo at a specific time of day.
   - After a preset delay: Locks your Treo after a period of inactivity.

DRAFT 1A palmOne, Inc. Confidential

Setting Owner Preferences

You can use Owner Preferences to record information that you want to associate with your Treo, such as your name, company name, and phone number. If you lock your keyboard, the Owner Preferences information appears on the screen that requests your password to unlock it, and you must also enter your password to change the Owner Preferences information.

1. Go to Applications and select Prefs .
2. Select Owner.
3. If you assigned a password with the Security application, select Unlock, enter your password, and then select OK to continue.
4. Enter the text that you want to appear in the Owner Preferences screen.
5. Select Done.

Working with private entries

In most applications you can mark individual entries as private. All private entries remain visible and accessible until you select the Security setting to hide or mask them. When you hide entries, they do not appear anywhere in the application. When you mask entries, a visual placeholder appears where the entry would normally appear. If you define a password, you must enter it to display private entries. If you do not define a password, you (or anyone else) can reveal private entries without a password.

As a security measure, masked Contacts entries are temporarily hidden when you perform a search. So you will not see a placeholder for masked entries when viewing the results of a Lookup or Find request.

DRAFT 1A palmOne, Inc. Confidential

1. Display the entry that you want to mark private.
2. Select Details.
3. Check the Private box.
4. Select OK.

Hiding or masking all private records

Make sure the entries you want to mask are marked private.

1. Go to Applications and select Security .
2. Select the Current Privacy pick list and select either Hide Records or Mask Records.

Viewing all private records

Make sure the entries you want to mask are marked private.

1. Go to Applications and select Security .
2. Select the Current Privacy pick list and select Show Records.
3. If the Show Private Records dialog box appears, enter your password, and then select OK.

Viewing private entries in a specific application

Open the application that contains the private entries you want to display.

1. Open the menus .
2. Select Options, and then select Security.
3. Select the Current Privacy pick list and select Show Records.
4. Select OK.

DRAFT 1A palmOne, Inc. Confidential

Security and Palm® Desktop software (Windows)

The Windows version of Palm Desktop software observes the security password for your Treo. If you forget your Treo password, you cannot view your information in Palm Desktop. You can change your password, but all entries marked as private will be deleted. You can restore these entries the next time you sync.

1. Go to Applications and select Security .
2. Select the Password box.
3. Select the Lost Password box.
4. Select Yes.

If you want additional security for Palm Desktop files, you may wish to purchase a third-party solution.

Connecting to a virtual private network

If you want to use your Treo to access your corporate email account or other files on your corporate server, you may need to set up a virtual private network (VPN) on your Treo. A VPN enables you to log in to your corporate server through the company's firewall (security layer). Without a VPN, you cannot break through the firewall to gain access to the server.

The Auto Sync feature in the VersaMail® application may not work with a VPN connection.

DRAFT 1A palmOne, Inc. Confidential

You need to set up a VPN to access a corporate server in either of the following two situations:

- Your company's wireless local area network (LAN) is located outside the firewall.
- Your company's wireless LAN is located inside the firewall, but you are trying to access the network from outside the firewall (for example, from a public location or at home).

Check with your company's system administrator to see if a VPN is required to access the corporate network. If you need a VPN, you must purchase and install a third-party VPN client to use this feature.

1. Install your third-party VPN client. See “Installing applications” on page 130 for details.
2. Go to Applications and select Prefs .
3. Select VPN.
4. Enter the settings provided by your corporate system administrator.

DRAFT 1A palmOne, Inc. Confidential

if something happens:
help

???

Upgrading from another Palm Powered® device

Always use the same language for your Treo and your desktop software. Otherwise, you may lose information.

To transfer all compatible applications and information from your previous device to your new Treo™ 650 smartphone:

1. Synchronize your old device with your old desktop software to back up your information one last time.
2. Install the desktop synchronization software from the palmOne Software Installation CD (see "Installing the desktop synchronization software on your computer" on page 32). During the installation process, sync your new Treo with your new desktop software. When prompted to select a username for your new Treo, be sure to select the existing username for your old device.
3. Some third-party applications may be quarantined by HotSync® Manager because they are not compatible with the Palm OS® software version 5.4 on your Treo. Do not manually install any quarantined files (see the documentation that came with the third-party applications for more information).
4. If you plan to continue using your old device, perform a hard reset (see "Performing a hard reset" on page 165) to remove its associated username. Each device you synchronize with your computer must have a unique name. The next time you synchronize with your old device, be sure to assign it a new username.

If you experience problems with your Treo 650 after performing the upgrade steps in this section, you may have incompatible applications that HotSync Manager did not quarantine. Incompatible applications can lead to numerous issues, including soft or hard resets, "system error" warnings, crashes, etc. You may need to create a new user name for your Treo 650, and then manually install your third-party applications from

DRAFT 1A palmOne, Inc. Confidential

their original source files (on your hard drive or the original installation CD). Check with the third-party developer of each program for software updates and for information regarding compatibility with Treo 650.

If you experience problems after upgrading, visit http://www.palmOne.com/intl/support and check the Knowledge Library for additional information about transferring your information from your previous Palm Powered device to your Treo 650.

After upgrading, there are a few things you need to know about your new Treo:

- Address Book: This application is now called Contacts. To open Contacts, press the Phone/Send button, and then use the 5-way navigator to select the Contacts favorite.
- Date Book+: This application is now called Calendar. To access this application, press the Calendar button.
- Applications: Some previous Palm Powered devices called this the Home screen or Applications Launcher. To access this screen, press Applications.
- Find: Some previous Palm Powered devices opened this global search engine by tapping the Magnifying Glass icon in the Graffiti area. Now you can access it by pressing Option, and then pressing Shift/Find.
- Menu items: Users familiar with Graffiti's Menu command can now access system menus by pressing Menu (see "Selecting menu items" on page 23).
- Backlight: Treo includes a keyboard backlight. The keyboard backlight activates automatically when the screen turns on. It shuts off automatically when the screen turns off and when an active call lasts longer than a minute.

???

To access a menu shortcut, open the menus, and then press the letter for the menu shortcut.

Some third-party utilities allow you to back up your old device's information onto an expansion card, and then transfer the info to your Treo. We do not recommend this method because any incompatible applications are also transferred to your Treo.

???

Mac users can use the Send to Device droplet to transfer photos from your old device to your Treo 650. "Installing applications from a Mac computer" on page 131 for details.

- **Center button:** If you used a previous Treo phone, you probably pressed the Spacebar to activate commands or dial numbers. With this Treo phone, we recommend pressing Center to activate commands and pressing Phone/Send to dial.
- **Power/End button:** The fourth button on the right is used to control the screen and is not an application button.
- **Internet connection:** This Treo was designed to work on high-speed wireless data network, such as a GPRS or EDGE. When you sign up for a GPRS or an EDGE wireless data account, these settings are automatically configured on your Treo. If you prefer to use an older, manual dial-up connection, enter your Internet service provider's settings in Network Preferences.
- **5-way navigator compatibility:** Some Palm OS 5 applications are optimized for a 5-way navigator on devices other than Treo. You may notice inconsistencies with software that is not designed with Treo in mind.
- **Web browser bookmarks:** You can use the Web browser on your Treo 650 to store up to 100 bookmarks, but you cannot import or transfer bookmarks from other web browsers, such as Web Pro.
- **Photos:** You can use the Media Desktop application to transfer photos from your old device onto your Treo 650 (Windows only). To transfer photos from your old device onto your Treo 650, open the Media Desktop application, select your username, click Add Media and locate the files in the backup folder. The files may be located in any of the following folders:
  - C:\Program Files\palmOne\Treo Pictures\(user name)
  - C:\Program Files\Handspring\Treo Pictures\(user name)
  - C:\Program Files\Palm\Treo Pictures\(user name)

DRAFT 1A palmOne, Inc. Confidential

Trouble installing the desktop software?

???

The palmOne Software Installation CD installs the software and drivers that let you synchronize with Palm Desktop software or Microsoft Outlook for Windows. If you want to synchronize with a different personal information manager (PIM), you must install a third-party solution. Contact the PIM's author or vendor to learn if software is available for your Treo.

1. Restart your computer.
2. Quit any active applications, including virus scanners and Internet security applications.
3. Make sure you're installing the version of the software that came with your Treo on the palmOne Software Installation CD. Other versions may not work with this Treo.
4. Make sure your computer profile includes administrator rights to install software. In large organizations, these are usually granted by the system administrator.

???

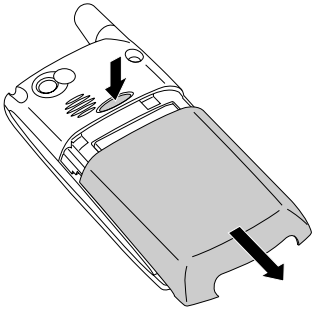
Resetting your Treo

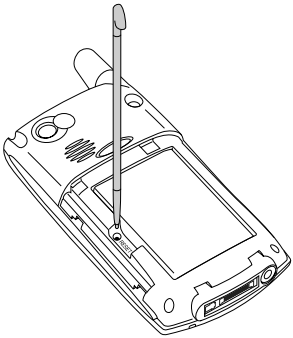
If you need to perform a system reset and disable conflicting applications, always end the process with a soft reset. This returns your Treo to normal operation.

Performing a soft reset

A soft reset is similar to restarting a computer. If your Treo is not responding or you have trouble synchronizing with your computer, a soft reset may help.

1. Press the Battery Door Release button and slide the battery door downward to remove it from your Treo.
2. Use the stylus tip to gently press the reset button on the back of your Treo.





Performing a system reset

A system reset, also called a safe or warm reset, tells your Treo to stop what it's doing and start over again without loading any system extras. If your Treo loops or freezes during a soft reset, a system reset may help. Performing a system reset allows you to get out of an endless loop in order to uninstall a third-party application causing the looping.

DRAFT 1A palmOne, Inc. Confidential

1. Press the Battery Door Release button and slide the battery door downward to remove it from your Treo.
2. While pressing and holding Up ▲, use the tip of the stylus to gently press the reset button on the back of your Treo.
3. When the Palm Powered logo appears, release Up ▲.
4. Delete the third-party application that you suspect is causing the problem.
5. Perform a soft reset. The wireless features of your phone are not available until you complete this step.

Performing a hard reset

A hard reset erases all information and third-party software on your Treo. Never perform a hard reset without first trying a soft reset and a system reset. You can restore previously synchronized information the next time you sync.

A hard reset can tell you whether a problem stems from your Treo or from an application installed on it. If you do not experience the problem after you perform a hard reset, the problem may be related to software you installed. See "Third-party applications" on page 183 for suggestions on diagnosing third-party software issues.

1. Press the Battery Door Release button and slide the battery door downward to remove it from your Treo.
2. While pressing and holding Power/End ⏻, use the tip of the stylus to gently press the reset button on the back of your Treo.
3. Continue pressing and holding Power/End ⏻. First the palmOne logo appears with a progress bar, and then the circular Palm Powered logo appears. When the circular Palm Powered logo appears, release Power/End ⏻.
4. When the "Erase all data?" prompt appears, press Up ▲ to confirm the hard reset.
5. If a language selection screen appears, select the same language you selected for your desktop software.

???

Some third-party applications do not create a backup on your computer when you synchronize. If you perform a hard reset, you may lose data in these applications and you will need to reinstall the application after the hard reset. Please contact the developer to find out which data is backed up during synchronization.

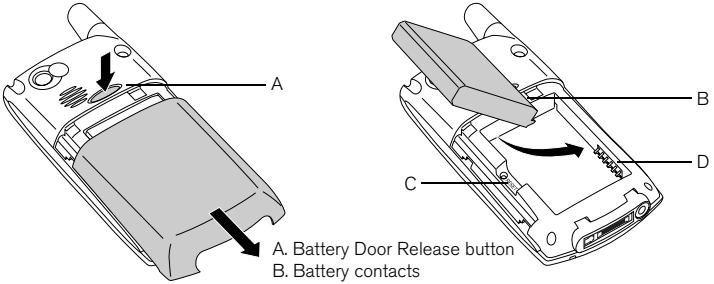
???

Replacing the battery

Be sure to dispose of your old battery properly. In some areas, disposal in household or business trash is prohibited.

Your Treo 650 comes with a replaceable battery. Be sure to use a replacement battery that is compatible with Treo 650.

1. Press Power/End to turn off the screen.
2. Press the Battery Door Release button and slide the battery door downward to remove it from your Treo.
3. Place a finger in the notch between the stylus and the battery and lift the battery up at a 45 degree angle.
4. Align the metal contacts on the battery with the contacts inside the battery compartment.
5. Insert the battery into the compartment at a 45 degree angle, pressing it into place. Slide the battery door onto the back of the phone until it clicks into place.
6. Wait for your Treo to turn on, and then enable the network time or set the date and time when prompted.



A. Battery Door Release button
B. Battery contacts
C. Notch
D. Phone contacts

DRAFT 1A palmOne, Inc. Confidential

Screen

To find carrying cases that protect the screen and other useful accessories, visit www.palmOne.com/intl.

The screen appears blank

1. When a call lasts longer than one minute, the screen automatically turns off. Press any key except Power/End to wake up the screen. Pressing Power/End hangs up the call.
2. Look closely at the screen. If you can see a dim image, try adjusting the screen brightness (see “Adjusting the brightness” on page 145).
3. If that doesn’t work, perform a soft reset (see “Performing a soft reset” on page 164).
4. If that doesn’t work, connect the Treo to the AC charger (see “Charging the battery” on page 12) and perform a soft reset again.
5. If that doesn’t work, perform a hard reset (see “Performing a hard reset” on page 165).

The screen doesn’t respond accurately to taps or activates wrong features

1. Go to Applications and select Prefs.
2. Select Touchscreen.
3. Follow the onscreen instructions to align the screen.
4. Select Done.

???

Network connection

Become familiar with low coverage areas where you live, commute, work, and play. Then you will know when to expect signal strength issues.

Signal strength is weak

1. If you're standing, move about 10 feet in any direction.
2. If you're in a building, move near a window. Open any metal blinds.
3. If you're in a building, move outdoors or to a more open area.
4. If you're outdoors, move away from large buildings, trees, or electrical wires.
5. If you're in a vehicle, move your Treo level with a window.

Treo won't connect to the mobile network

1. Try the suggestions above for weak signals.
2. Turn off your phone and turn it on again (see "Turning your phone on and off" on page 15).
3. Remove the SIM card and re-insert it (see "Inserting the SIM card" on page 14).
4. Perform a soft reset (see "Performing a soft reset" on page 164).

Treo hangs up when I hold it to my ear

You may be accidentally pressing the onscreen Hang Up button with your cheek. Try holding the phone so your face doesn't press against the screen. If this is not convenient, you may want to disable the screen's touch-sensitive feature during active calls (see "Using Auto-Keyguard and touchscreen lockout" on page 153).

Treo seems to turn off by itself

If a system error and reset occur, Treo automatically turns the phone on if it was on before the reset. However, if Treo can't determine if your phone was on before the reset, it does not automatically turn on the phone (see "Turning your phone on and off" on page 15).

DRAFT 1A palmOne, Inc. Confidential

Treo makes or answers calls when it's in a briefcase or pocket

Items in your briefcase or pocket may be pressing the onscreen Answer button or otherwise activating screen items. If this happens, be sure to press Power/End to turn off the screen before placing your Treo in a briefcase or pocket. You may also want to disable the screen's touch-sensitive feature during incoming calls (see "Using Auto-Keyguard and touchscreen lockout" on page 153).

I can't tell if data services are available

- The following icons indicate data services:

	Your phone is on and a GPRS or EDGE network is within range.
	Your phone is on but not connected to a GPRS or EDGE network.
	Your phone is connected to a GPRS or EDGE network. When the arrows above the signal bars are green, you can still receive calls.
	Your phone is actively using a dial-up, circuit-switched data (CSD) connection. When the arrows above the signal bars are black, you cannot receive calls.

Treo won't connect to the Internet

Treo supports GPRS and EDGE wireless data networks. To connect to the Internet, you must subscribe to and activate GPRS or EDGE data services with your wireless service provider.

- Contact your wireless service provider to verify that your subscription plan includes high-speed data services and that these services have been correctly activated. Your wireless service provider should also be able to tell you if there are any outages in your location.

DRAFT 1A palmOne, Inc. Confidential

???

- Press and hold the Power/End button to turn off your phone. Then press and hold the same button to turn it back on again.
- Perform a soft reset (see “Performing a soft reset” on page 164).
- Confirm that high-speed data services are correctly configured on your Treo:

  1. Go to Applications and select Prefs.
  2. Select Network.
  3. If the Service field says Untitled, select the Service pick list and select the appropriate data service for your wireless service provider.
  4. Select Done.

I can’t send or receive text or multimedia messages

- Make sure the SIM card is inserted correctly (see “Inserting the SIM card” on page 14) and your phone is turned on (see “Turning Treo on and off” on page 15).
- Contact your wireless service provider to verify that your plan includes messaging services, that these services have been correctly activated, and that they are available at your location (your wireless service provider should be able to tell you if messaging services have been experiencing transmission delays).
- If possible, contact the recipient or sender of the message, and make sure the receiving device can handle the type of file that is being sent.
- If an text message arrives but does not display an alert, perform a soft reset (see “Performing a soft reset” on page 164).

DRAFT 1A palmOne, Inc. Confidential

I can't make or receive calls using a hands-free device with Bluetooth technology

Check all of the following:

- The Bluetooth setting is turned on in the Bluetooth application.
- Your device with Bluetooth wireless technology is charged and turned on.
- Your Treo is within range (30 feet) of the hands-free device.
- The Dialup Networking setting is turned off in the Bluetooth application.
- The Bluetooth application screen is closed.

DRAFT 1A palmOne, Inc. Confidential

???

Synchronization (HotSync)

Every device needs a unique name. Never synchronize more than one device to the same username on your computer.

Synchronization lets you back up your Treo information onto your computer. If you ever need to perform a hard reset or otherwise erase all your information on your Treo, you can synchronize your phone with your computer to restore the info. To make sure you always have an up-to-date backup of your info; synchronize frequently.

Before you attempt to synchronize, make sure you've installed the desktop synchronization software from the palmOne Software Installation CD.

Palm Desktop does not respond to HotSync attempt

As you complete the following steps, synchronize after each step. If the synchronization is successful, you do not need to complete the remaining steps.

1. Verify that the USB sync cable is securely connected at all points (see "Setting up your computer" on page 30).
2. Make sure that HotSync Manager is running:
   - Windows: Click the HotSync Manager icon in the lower-right corner and make sure Local USB is checked. If you don't see the HotSync Manager icon, click Start, select Programs, select palmOne, and then select HotSync Manager.

   - Mac: Find the Palm folder on your Mac hard drive. Double-click the HotSync Manager icon in the Palm folder. In the Connection Settings panel, set the Local Setup Port to palmOne USB.

DRAFT 1A palmOne, Inc. Confidential

3. Verify with your computer hardware vendor that your operating system supports your internal USB controller.
4. Perform a soft reset (see “Performing a soft reset” on page 164).
5. If problems persist and you’re synchronizing through a USB hub, try connecting the sync cable to a different USB port or directly to your computer’s built-in USB port.
6. Uninstall palmOne software.
7. Reboot your computer.
8. Reinstall the palmOne Software Installation CD that came with your Treo 650.

Synchronization starts but stops without finishing

If you upgraded from a previous Palm Powered device or received a system error, such as Sys0505, there may be conflicts with software on your phone. As you complete the following steps, sync after each step. If the synchronization is successful, you do not need to complete the remaining steps.

1. Locate your Backup folder and rename the folder (e.g. BackupOld):
   - Windows: C:\Program Files\palmOne\username
   - Mac: Mac HD\Applications\palmOne\Users\username
2. Synchronize.
3. Manually reinstall any third-party applications you want on your phone. If necessary, use the items in the old Backup folder you moved.
4. (Windows only) If the Windows New Hardware Wizard appears, the HotSync process may be timing out before the wizard completes its job. Follow all instructions in the New Hardware Wizard, and attempt another sync.
5. Uninstall palmOne software.
6. Reboot your computer.
7. Reinstall the palmOne Software Installation CD that came with your Treo 650.

???

Synchronization finishes but info doesn't appear where it should

1. Make sure you're synchronizing with the intended desktop personal information manager (PIM). The palmOne Software Installation CD lets you synchronize with Palm Desktop or Microsoft Outlook for Windows. If you use a different PIM, you will need to install third-party software to synchronize. Consult the company that makes the PIM for more information.
2. If there are multiple Palm Powered devices synchronizing with your computer, make sure you are synchronizing with the correct username. If info is not appearing in Palm Desktop, make sure the correct username is selected in the toolbar of Palm Desktop.
3. Open HotSync Manager on your computer, and make sure the necessary conduits are set to Synchronize the files.
4. Uninstall palmOne software.
5. Reboot your computer.
6. Reinstall the palmOne Software Installation CD that came with your Treo 650.
7. (Outlook only) With the included software, your Treo can synchronize with the root folders of Contacts, Calendar, Tasks, and Notes. If you want to synchronize with a global Exchange Address Book, you must copy the addresses to your local Contacts list in Outlook (right-click the addresses and select Add to Personal Address Book).
8. (Outlook only) Outlook subfolders and public folders are not accessible with the included software. You may wish to use a third-party solution instead.
9. (Outlook only) If you're trying to synchronize offline, be sure to set your Outlook Calendar, Contacts, Notes, and Tasks to be available offline.

DRAFT 1A palmOne, Inc. Confidential

I have duplicate entries in Microsoft Outlook after I sync

1. Open Microsoft Outlook and delete the duplicate entries.
2. Manually enter any information you've added to your phone since the last time you synchronized.
3. Go to the conduit dialog box for the affected application, and select Desktop overwrites handheld.
4. Synchronize your phone and your computer.
5. Go to the conduit dialog box you selected in step 3, and select Synchronize the files.

My appointments show up in the wrong time slot after I sync

If you're using Microsoft Outlook:

1. Make sure that you installed the Microsoft Outlook conduit that came with your Treo 650. If you're not sure whether this software is installed, reinstall it.
2. Open Microsoft Outlook and correct the wrong entries.
3. Manually enter any information you've added to your phone since the last time you synchronized.
4. Go to the Calendar conduit dialog box, and select Desktop overwrites handheld.
5. Synchronize your phone and your computer.
6. Go to the conduit dialog box, and select Synchronize the files.

You should now be able to assign time zones to your events without encountering this problem.

If you're using Palm Desktop software:

1. On your phone, press Calendar .
2. Open the menus .
3. Select Options, and then select Preferences.
4. Uncheck the New events use time zones box (if it's checked).

DRAFT 1A palmOne, Inc. Confidential

???

5. On your computer, open Palm Desktop software and correct the wrong entries.
6. Manually enter any information you've added to your phone since the last time you synchronized.
7. Go to the Calendar conduit dialog box, and select Desktop overwrites handheld.
8. Synchronize your phone and your computer.
9. Go to the conduit dialog box, and select Synchronize the files.

To avoid this problem in the future, do not assign time zones to your events. Palm Desktop software does not support time zones.

Email

???

I have problems using my account

Occasionally you may experience problems using an email account after you set it up. If you followed the account setup procedure and are experiencing problems using the account, verify that the account complies with your email provider's requirements by following these steps:

- Verify both your password and your username for your email account.
- Some wireless service providers require you to be on their network to use your email account. If this is the case, be sure to use your provider's network as the connection type for the account.
- Some wireless service providers have other requirements specific to their service. For example, Yahoo! requires you to set up POP mail forwarding for your Yahoo! account to download email messages to your phone. Check with your service provider to see if any provider-specific requirements exist.
- Service provider settings frequently change. If your email account was working but you are currently experiencing problems, check with your service provider to see if any of the account settings have changed.

I have problems sending and receiving email

Short periods of time when email is unavailable are common due to server problems or poor wireless coverage. If you have problems sending or receiving mail for an extended period of time, check with your ISP or email service provider to verify that the service is working properly.

???

Auto Sync is not working

If Auto Sync is occurring and you turn your phone off or the connection to your email service provider is disconnected, the Auto Sync fails.

I have problems sending email

If you are able to receive email messages but cannot send them, try these steps, in turn:

- Make sure your ISP or email provider allows you to access email on a wireless phone. Several providers, like Hotmail, do not offer this option at all; other providers require an upgrade to access email on a wireless phone.
- Turn on ESMTP. Many services require authenticated access, or ESMTP, to use their SMTP servers.
- Enter the name of a different outgoing mail server for sending mail. Many ISPs, such as cable companies, require that you have an Internet connection to their network to send email through their servers. In this case, you can almost always receive email from these accounts, but if you want to send email, you must send it through another server.

I have problems synchronizing messages on my phone with messages on my computer

Make sure you have chosen the same settings for the account on both your phone and your computer. For example, if the account is set up on your phone to use the POP protocol, check the HotSync Manager on your computer to make sure that POP is selected as the protocol for that account.

My vCard or vCal email attachment isn't forwarding correctly

Palm Desktop software provides several features that work with email client software on a Windows computer. For these features to work correctly, the email client software must be properly set up. Follow these steps to check the settings:

1. Click Start on your computer, and then select Settings.
2. Select Control Panel.
3. Select Internet Options, and then click the Programs tab.
4. Make sure that the email field is set to the correct email client software.
5. Click OK.
6. Start the email client software and make sure it is configured as the default MAPI client. Consult the documentation for your desktop email application for more information.

After I get messages, either manually or through Auto Sync, messages disappear from my Inbox

If you have an account that uses Microsoft Exchange ActiveSync®, when you perform an Auto Sync, the last seven days' worth of email messages are downloaded from your mail server to your Inbox. All messages older than seven days are deleted from your Inbox; they are not, however, deleted on the server.

You can change the setting in VersaMail® preferences to download fewer than seven days' worth of messages (in which case, more-recent messages will be deleted from your Inbox), or to downloaded all messages regardless of the date (in which case all messages will continue to appear in your Inbox).

DRAFT 1A palmOne, Inc. Confidential

???

I am using Microsoft Exchange ActiveSync, but the last seven days of email messages and Calendar events are not downloading to my phone

Check with your system administrator to obtain the name of the mail server that offers you wireless access to the corporate mail system. If you cannot obtain the name of this server (some companies do not give it out, because they do not want wireless access to their servers), you cannot synchronize email messages and Calendar events with the server using Microsoft Exchange ActiveSync.

Web

???

I can't access a page

First, make sure you have Internet access: Open the Web browser and try to view a web page you've loaded before. To ensure you're viewing the page directly from the Internet, open the menus , and then select Connect on the Page menu. After confirming your Internet connection, try to view the page in question again. If it comes up blank, open the menus , select Go, and then select Refresh.

If you're still having trouble, the page may contain elements that are not supported by the Web browser. These include Flash, Shockwave, VBScript, WML script, and other plugins.

Some websites use a redirector to their true home page (for example, if you enter the address http://www.palmOne.com/support it may resolve to http://www.palmOne.com/intl/support). If the Web browser can't follow the redirect, try using a desktop browser to see the landing page of the redirector, and enter that address in the Web browser.

An image or map displays too small on the Treo screen

The Web browser has two modes: Optimized and Wide Page. Optimized Mode resizes all images and page elements to fit in a single column on the Treo screen. Switch to Wide Page Mode to see the full-size image (see "Creating a bookmark" on page 84).

A secure site refuses to permit a transaction

Some websites don't support certain browsers for transactions. Please contact the site's webmaster to make sure the site allows transactions using the Web browser.

Treo can open your email application when you select an email address on a web page. If nothing happens when you select the link, try setting up your email application first.

???

Camera

If your Treo does not have a built-in camera, then the information in this section about taking photos does not apply to you.

Photos are 16-bit color at a maximum of 640 x 480 pixels (0.3 megapixels) in VGA resolution or 320 x 240 pixels in QVGA resolution. Videos are 352 x 288 pixels in CIF resolution or 176 x 144 pixels QCIF in resolution.

Here are some tips for taking good photos with the built-in camera:

- Clean the camera's lens with a soft, lint-free cloth.
- Take photos in bright lighting conditions. Low-light images may be grainy, due to the sensitivity of the camera.
- Hold the camera as still as possible. You may want to support your photo-taking arm against your body or a stationary object (such as a wall).
- Keep the subject of the photos still. Exposure time is longer with lower light levels, so you may see a blur.
- For best results, verify that you have the brightest light source coming from behind you, lighting the subject's face. Avoid taking indoor photos with the subject in front of a window or light.
- Make sure the subject is at least 18 inches away from the camera to ensure good focus.

Remember, when you synchronize, your Camera images are stored in the My Pictures/palmOne Photos folder on your hard drive (see "Viewing photos and videos on your computer" on page 96).

The Camera preview image looks strange

Some third-party applications overwrite the Treo's color settings with their own 8-bit color settings. This can affect the Camera Preview Mode. Delete third-party applications one by one until the preview image improves.

Third-party applications

???

Sometimes, third-party applications can cause conflicts on your Treo. Third-party applications that modify wireless features may require extra troubleshooting. If you recently installed an application and your Treo seems to be stuck, try the following:

1. Perform a soft reset (see “Performing a soft reset” on page 164).
2. If the problem persists, perform a system reset (see “Performing a system reset” on page 164).
3. Delete the most recently installed application from your Treo (see “Removing applications” on page 132).
4. If the problem persists, perform another system reset.
5. If possible, synchronize to backup your most recent info.
6. If you’re unable to perform the steps above or the problem persists, locate your Backup folder on your computer and rename the folder (e.g. BackupOld):
   - Windows: C:\Program Files\palmOne\username
   - Mac: Mac HD\Applications\palmOne\Users\username
7. Perform a hard reset (see “Performing a hard reset” on page 165).
8. Synchronize to restore the info in your built-in applications.
9. If the problem is resolved, begin reinstalling your third-party applications one at a time: double-click a single file in the original Backup folder that you renamed.
10. If the problem recurs, delete the last application you installed and report the problem to its developer.

Getting more help

Contact the author or vendor of any third-party software if you require further assistance.

Remember, not all third-party applications were written with the Treo keyboard and 5-way navigator in mind. You may encounter strange behavior or errors in these applications if you use the keyboard and 5-way navigator.

DRAFT 1A palmOne, Inc. Confidential

???

Error messages

Your Treo is designed to minimize interruptions when a system error occurs. If Treo encounters a system error, it automatically resets itself and resumes functioning as normal. If possible, it even turns your phone back on if it was on before the error occurred.

Sometimes, you might want to know more about an error. Treo uses a special interface to show error messages in greater detail.

1. Press Phone/Send .
2. Press Center, and then select Dial Pad.
3. Enter # * 377, and then press Phone/Send .
4. Review the screen with details about the conditions that lead up to the most recent automatic reset.
5. Select OK.

Please note that third-party developers create their own error messages. If you do not understand an error message, please contact the developer of the application for help.

DRAFT 1A palmOne, Inc. Confidential

Making room on your Treo

???

If you store a large number of records, or install many third-party applications, the internal memory on your Treo may fill up. Here are some common ways to clear space on your Treo:

- VersaMail: Emails that have large attachments can quickly consume memory on your Treo. Delete emails with large attachments. If you have hundreds of messages with or without attachments, you may wish to delete older messages to make room (see "Deleting selected messages from the Inbox" on page 69).
- Camera: Large size images take up a lot of memory. Move images to an expansion card or delete images from your Treo (see "Viewing photos and videos on your computer" on page 96).
- Messaging: Multimedia content can also consume excessive memory. Move multimedia content to an expansion card, or delete large files from your Treo (see "Managing your messages" on page 79).
- Internet: If you set a large Web browser cache, you may want to use the Web browser's advanced Memory Management settings to clear all recent pages (see "Customizing your Web browser settings" on page 88).
- Third-party applications: You can delete infrequently used applications or move them to an expansion card (see "Copying applications to an expansion card" on page 136).

Also, remember that your Treo includes an expansion card slot, and that you can store applications and information on expansion cards. However, you still need free memory on the Treo itself to run applications from an expansion card.

DRAFT 1A palmOne, Inc. Confidential

???

Voice quality

Is the other person hearing an echo?

- Try decreasing the volume on your Treo to avoid coupling or feedback on the other person's end. This applies to both the speakerphone and to the handset earpiece.
- Position the Treo handset closer to your ear to prevent sound leaking back to the microphone. Keep your hand away from the microphone hole, which is on the bottom of your Treo on the right side the phone.
- If you're using Speakerphone mode with your Treo lying on a flat surface, try turning the Treo "face down" (screen facing the surface).

Are you hearing your own voice echo?

Ask the other person to turn down their volume or to hold the phone closer to their ear.

Is your voice too quiet on the other end?

Be sure to hold the bottom of the Treo, or the hands-free microphone, close to your mouth.

Check the signal strength indicator. If the signal is weak, try to find an area with better coverage.

DRAFT 1A palmOne, Inc. Confidential

Glossary

ALS (Alternate Line Service): A service that enables two phone numbers to coexist on one phone/SIM. The Treo™ 650 smartphone supports ALS, but be sure to contact your wireless service provider for regional availability of this service.

Alt (alternative) Alt: A keyboard key. Enter a letter on the keyboard, and then press Alt Alt to access variations such as international characters and symbols.

Applications : The screen on your Treo from which you can open all applications.

Auto-off interval: The time of inactivity that passes before the screen on your Treo turns off. The wireless features on your phone are unaffected by this setting.

Beam: The process of sending or receiving an entry or application using the infrared port on your Treo.

CSD (circuit-switched data): A dial-up Internet connection. You pay for the connection time, not how much information you transfer. Contrast with GPRS.

EDGE (Enhanced Data for GSM Environments): An enhanced version of GPRS that delivers data speeds that are up to three times faster than standard GPRS connections.

GPRS (General Packet Radio Service): A mobile Internet connectivity technology that allows persistent data connections. You pay for the amount of information you transfer, not the connection time.

HotSync®: The PalmSource technology that synchronizes your Treo and your computer with the simple press of a button.

HotSync Manager: The computer application that manages the synchronization with your Treo.

Infrared (IR): A way of transmitting information using light waves. The IR port on your Treo lets you transfer information between other IR devices within a short radius.

Lithium Ion (Li-Ion): The rechargeable battery technology used in Treo phones.

MMS (Multimedia Messaging System): An enhanced form of messaging that lets you send photos, animations, and ringtones almost instantly.

DRAFT 1A palmOne, Inc. Confidential

Option key : The keyboard button that lets you access the alternative feature that appears above the letter on each key.

Palm® Desktop software: A PIM application for computers that helps you manage your personal information and keep your personal information synchronized with your Treo.

Palm OS®: The operating system of your Treo phone. A trademark of PalmSource, Palm OS is known for its simplicity of use and for the large number of applications that can be added to your Treo.

palmOne™ Quick Install: The component on your Windows computer that enables you to install Palm OS applications and other information on your Treo.

Phone/Send : The application on your Treo that provides quick access to the most commonly used applications on your Treo.

PIM (personal information manager): A genre of software that includes applications such as Palm Desktop software, Microsoft Outlook, Lotus Notes, and ACT!. PIMs generally store contacts, schedules, tasks, and memos.

PIN (personal identification number): The four-digit password assigned to your SIM card by your wireless service provider. Turning on the PIN lock secures your wireless account. See also PUK.

PUK (PIN unlock key): A special extended password assigned to your SIM card. If you enter the wrong PIN more than three times, your SIM will be blocked, and you must call your wireless service provider for the PUK.

SIM (Subscriber Identity Module): The smartcard, inserted in your Treo, that contains your Global System for Mobile Communications (GSM) mobile account information. SIM cards are portable between GSM phones – your mobile subscriber information moves to whatever phone houses the SIM.

SMS (Short Messaging Service): The service that exchanges short text messages almost instantly between mobile phones. These messages can usually include up to 160 characters. Treo phones can send and receive text messages while you are on a voice call.

Username: The name associated with your Treo that distinguishes it from other Palm Powered® devices. When you first synchronize your Treo, you are asked to give it a username.

DRAFT 1A palmOne, Inc. Confidential

FCC Statement This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF Safety Exposure To Radio Frequency Energy (SAR) Radio transmitting devices radiate Radio Frequency (RF) energy during its operation. RF energy can be absorbed into the human body and potentially can cause adverse health effects if excessive levels are absorbed. The unit of measurement for human exposure to RF energy is "Specific Absorption Rate" (SAR).

The Federal Communications Commission (FCC), Industrie Canada (IC), and other agencies around the world have established limits that incorporate a substantial safety margin designed to assure the safety of all persons using this equipment.

In order to certify this unit for sale in the US, Canada and Europe this unit has been tested for RF exposure compliance at a qualified test laboratory and found to comply with the regulations regarding exposure to RF Energy.

SAR was measured with the unit transmitting at its maximum certified RF power. Often, however, during normal operation the unit will transmit much less than maximum power. Transmit power is controlled automatically and, in general is reduced as you get closer to a cellular base station. This reduction in transmit power will result in a lower RF energy exposure and resulting SAR value.

FCC RF Safety Statement In order to comply with FCC RF exposure safety guidelines, users MUST use one of the following types of bodyworn accessories.

1. A palmOne™ brand body-worn accessory that has been tested for SAR compliance and is intended for use with this product.
2. An accessory that contains NO metal (snaps, clips, etc) and provides AT LEAST 1.5 cm of separation between the users body and the unit.

Do NOT use the device in a manner such that it is in direct contact with the body (i.e. on the lap or in a breast pocket). Such use will likely exceed FCC RF safety exposure limits See www.fcc.gov/oet/rfsafety/ for more information on RF exposure safety.

Responsible party

(North America)	(Europe)
palmOne, Inc.	Vesey Chrichton
400 N. McCarthy Blvd.	Buckhurst Court
Milpitas, CA 95035	London Road
USA	Wokingham, Berkshire RG40 1PA,
www.palmOne.com/intl	UK

Antenna Care/Unauthorized Modifications Use only the supplied integral antenna. Unauthorized antenna modifications or attachments could damage the unit and may violate FCC regulations. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Potentially Unsafe Areas Potentially explosive atmospheres: Turn off your smartphone when you are in any areas with a potentially explosive atmosphere, such as fueling areas (gas or petrol stations) or storage facilities for fuel or chemicals.

Declaration of Conformity

Treo Model 650

palmOne declares that the above model of Treo smartphone is compliant with the regulations below. The declaration applies to the smartphone and its associated accessories (power supply, headset, and USB cable) where applicable.

Maximum Measured SAR Values (W/kg)

Band (MHz)	850	1900
Head SAR:	1.51	.943
Body SAR:	1.46	.688

EMC: EN 301 489 EN 301 419-1 (Apr 2000)
EN 310 420 (Dec 1999) ANSI/IEEE C95.1 1992
EN 50360 (July 2001) EN 50361 (July 2001)
FCC OET Bulletin 65 Supplement C
Safety: EN 60950: 2000 (Jan-2000)
Radiated Emissions: EN 55022 Immunity: EN 55024

Using TTY

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

Your Treo 650 is compatible with select TTY devices. You can connect a TTY/TDD machine to your phone through the headset jack, but you cannot use your headset jack with a headset while this mode is enabled. Please check with the manufacturer of your TTY device for connectivity information and to ensure that the TTY device supports digital wireless transmission.

To use TTY, you may need to make additional arrangements with your wireless service provider. Please contact your wireless service provider's customer service department for more information.

1. Press the Phone/Send button.
2. From the Dial Pad View, tap #*TTY.
3. Select OK. A red "T" appears at the top of the Phone screen whenever TTY is enabled.

To disable TTY, repeat steps 1 and 2.

Operational Warnings

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION. Read this information before using your integrated multi-service portable radio.

For the safe and efficient operation of your radio, observe these guidelines:

Potentially Unsafe Areas / Potentially explosive atmospheres Obey all signs and instructions regarding turning off your smartphone. In particular, turn off your smartphone when you are in any areas with a potentially explosive atmosphere, such as fueling areas (gas or petrol stations, below deck on boats), storage facilities for fuel or chemicals, blasting areas and areas near electrical blasting caps, and areas where there are chemicals or particles (such as metal powders, grains, and dust) in the air.

Interference to Medical and Personal Electronic Devices Most but not all electronic equipment is shielded from RF signals and certain electronic equipment may not be shielded against the RF signals from your smartphone.

Pacemakers The Health Industry Manufacturers Association recommends that a minimum separation of six inches (6") be maintained between a smartphone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by the recommendations of Wireless Technology Research.

Persons with pacemakers should:

- ALWAYS keep the smartphone more than six inches from their pacemaker when the smartphone is turned ON.
- Not carry the smartphone in a breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn the smartphone OFF immediately if you have any reason to suspect that interference is taking place.

Audio Safety Some hearing aids may be affected by some digital smartphones. You may want to consult your doctor in the event of you experience interference with your hearing aid while using your smartphone. When using the speakerphone feature, it is recommended that you place your smartphone at a safe distance from your ear.

Other Medical Devices If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your smartphone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Interference to Other Electronic Devices RF energy may affect improperly installed or inadequately shielded electronic operating and entertainment systems in motor vehicles. Check with the manufacturer or representative to determine if these systems are adequately shielded from external RF energy. Also check with the manufacturer of any equipment that has been added to the vehicle.

Repetitive Motion Injuries When using the keyboard or playing games on your smartphone, you may experience discomfort in your neck, shoulders, hands, arms, of other parts of the body. To avoid any injury, such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorder, make sure to take necessary breaks from use, take longer rests (such as several hours) if discomfort or tiring begins, and see a doctor if discomfort persists.

Blackouts and Seizures Blinking lights, such as those experienced with television or playing video games, may cause some people to experience blackout or seizure, even if never experienced before. In the event a smartphone user should experience any disorientation, loss of awareness, convulsion, eye or muscle twitching or other involuntary movements, stop use immediately and consult a doctor. Individuals with personal or family

DRAFT 1A palmOne, Inc. Confidential

history of such events should consult a doctor before using the device. To limit the possibility of such symptoms, wherever possible every hour take a minimum of 15 minutes, use in a well lighted area, view the screen from the farthest distance and avoid exposure to blinking lights if you are tired.

Aircraft While in aircraft, follow all instructions regarding the operation of your smartphone. Use of your smartphone while on board on aircraft must be done in accordance in compliance with airline instructions and regulations.

Vehicles with Air Bags Your smartphone should not be placed in a position that would affect the operation of air bag deployment or in a position that, should the air bag inflate, could propel the smartphone. Air bags will inflate with great force and care should be taken to protect within a vehicle that has air bags.

Battery Your smartphone includes an internal lithium ion battery. Please note that use of certain data applications can result in heavy battery use and may require frequent battery charging. Any disposal of the smartphone must comply with laws and regulations pertaining to lithium ion batteries.

Driving Safety Tips Overview

Always obey all laws and regulations on the use of smartphones in your driving area.

Safety - Your most important call. The Wireless Industry reminds you to use your smartphone safely when driving.

1. Get to know your smartphone and its features, such as speed dial and redial.
2. When available, use a hands-free device.
3. Position your smartphone within easy reach.
4. Let the person you are speaking to know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.
5. Do not take notes or look up phone numbers while driving.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic.
7. Do not engage in stressful or emotional conversations that may divert your attention from the road.
8. Dial 9-1-1 to report serious emergencies -it's free from your smartphone!
9. Use your smartphone to help others in emergencies.
10. Call roadside assistance or a special non-emergency wireless number when necessary.

Driving Safety Tips Details

1. Get to know your smartphone and its features such as speed dial and redial. Carefully read your instruction manual and learn to take advantage of valuable features most smartphones offer including, automatic redial and memory dial-most smartphones can store up to 99 numbers in memory dial. Also, work to memorize the smartphone keypad so you can use the speed dial function without taking your attention off the road.
2. When available, use a hands-free device. A number of hands-free smartphone accessories are readily available today. Whether you choose an installed mounted device for your smartphone or a speaker phone accessory, take advantage of these devices if available to you.
3. Position your smartphone within easy reach. Make sure you place your smartphone within easy reach and where you can grab it without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Suspend conversations during hazardous driving conditions or situations. Let the person you are speaking to know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.
5. Do not take notes or look up phone numbers while driving. If you are reading an address book or business card while driving a car, or writing a "to do" list, then you are not watching where you are going. It's common sense. Don't get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip, or attempt to coincide your calls with times you may be stopped at a stop sign, red light or otherwise stationary. But if you need to dial while driving, follow this simple tip-dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Stressful or emotional conversations and driving do not mix-they are distracting and even dangerous when you are behind the wheel. Make people you are talking with aware you are driving and if necessary, suspend phone conversations which have the potential to divert your attention from the road.
8. Use your smartphone to call for help. Your smartphone is one of the greatest tools you can own to protect yourself and your family in dangerous situations-with your smartphone at your side, help is only three numbers away. Dial 9-1-1 in the case of fire, traffic accident, road hazard, or medical emergencies. Remember, 9-1-1is a free call on your smartphone!
9. Use your smartphone to help others in emergencies. Your smartphone provides you a perfect opportunity to be a "good Samaritan" in your community. If you see an auto accident, crime in progress, or other

DRAFT 1A palmOne, Inc. Confidential

serious emergency where lives are in danger, call 9-1-1, as you would want others to do for you.

10. Call roadside assistance or a special wireless non-emergency assistance number when necessary. Certain situations you encounter while driving may require attention, but are not urgent enough to merit a call to 9-1-1. But you can still use your smartphone to lend a hand. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.

NOTICE FOR CONSUMERS WITH HEARING DISABILITIES

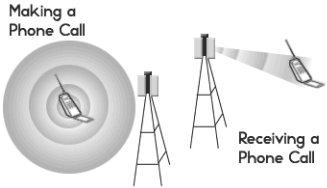
Digital Wireless Phones to be Compatible with Hearing Aids

On July 10, 2003, the Federal Communications Commission (FCC) modified the exemption for wireless phones under the Hearing Aid Compatibility Act of 1988. This means that wireless phone manufacturers and service providers must make digital wireless phones accessible to individuals who use hearing aids.

For more information, please go to the FCC's Consumer Alert on accessibility of digital wireless phones at http://www.fcc.gov/cgb/consumerfacts/accessiblewireless.html.

Wireless telephones are hand-held phones with built-in antennas, often called cell, mobile, or PCS phones. These phones are popular with callers because they can be carried easily from place to place.

Wireless telephones are two-way radios. When you talk into a wireless telephone, it picks up your voice and converts the sound to radio frequency energy (or radio waves). The radio waves travel through the air until they reach a receiver at a nearby base station. The base station then sends your call through the telephone network until it reaches the person you are calling.



When you receive a call on your wireless telephone, the message travels through the telephone network until it reaches a base station close to your wireless phone. Then the base station sends out radio waves that are detected by a receiver in your telephone, where the signals are changed back into the sound of a voice.

The Federal Communications Commission (FCC) and the Food and Drug Administration (FDA) each regulate wireless telephones. FCC ensures that all wireless phones sold in the United States follow safety guidelines that limit radio frequency (RF) energy. FDA monitors the health effects of wireless telephones. Each agency has the authority to take action if a wireless phone produces hazardous levels of RF energy.

FDA derives its authority to regulate wireless telephones from the Radiation Control provisions of the Federal Food, Drug, and Cosmetic Act (originally enacted as the Radiation Control for Health and Safety Act of 1968). [http://www.fda.gov/cdrh/comp/eprc.html].

FCC derives its authority to regulate wireless telephones from the National Environmental Policy Act of 1969 (NEPA) and the Telecommunications Act of 1996 [http://www.fcc.gov/telecom.html]. Updated 7/16/2003

Hands-Free Capability

All CTIA Certified portable products provide the consumer with a toll-free number for the purchase of a compatible hands-free device.

DRAFT 1A palmOne, Inc. Confidential

Index

Numerics

5-way navigator, using 20

A

accented characters 25–27
accessing
    command buttons 22
    Dial Pad 41
    Phone application 38
accounts
    setting up VersaMail on computer 63
    setting up VersaMail on phone 64
    switching between 70
    transferring settings to VersaMail 62
activating items 22
active calls
    adding a second 49
    barring 52
    ending 47
    forwarding 50–51
    managing 46–52
    See also calls
    using other applications during 48
ActiveSync® 34
adding
    a second call 49
    music 113, 118
Address Book. See contacts
adjusting volume 141
advanced phone features 49–52
alarm tones, calendar 107
alarms
    customizing 111
    in calendar 102
Alert screen 39, 45, 77
alert tones
    messaging 82
    selecting 140
    selecting in VersaMail 71
alert volume, selecting 141
aligning screen 146
answering the phone 44
appearance, customizing 145–146
applications
    buttons 28
    changing categories 147
    customizing settings 147
    installing 130–131
    on expansion cards 136
    opening 28
    phone conversations and running 48
    removing 132
    sending over Bluetooth® 61
    synchronizing with Microsoft Outlook 33
    third-party, help with 131
    transferring information from 33
    viewing 29
    viewing information for 133
appointments, color-coding 103
attaching
    files and ringtones in VersaMail 66
    photos and videos in VersaMail 66
attachments, viewing with VersaMail 68
audio
    files and formats 113
    playing during call 44
Auto Sync, scheduling 71
Auto-Keyguard 153

B

backgrounds, adding photos as 105
backlight 15, 24
battery
    charging 12
    consumption factors for 12
    installing 11
    replacing 166
    viewing status of 13, 40
beaming 125–127
Bluetooth®
    application, opening 60
    icon on Phone application 39
    problems with, solving 171
    setting connection information 58
    switching from headset to earpiece 47
    using 58–61
bonus software 7
bookmarks in Web browser 84, 85–86
brightness, adjusting 145
browsing the web. See Web browser
business card
    beaming 125
    defining 99
buttons
    application 28
    preferences 148
    See also favorite buttons

C

Cache preference 89
calculator 121
calendar
    alarm 102
    alarm tones 107
    color-coding appointments in 103
    customizing display 105
    using 101–107
call forwarding 50–51
Call Log view 52
call waiting 49
caller ID

DRAFT 1A palmOne, Inc. Confidential

photos 98, 142
ringtones 143
calls
barring 52
conference 50
methods of dialing 41–43
receiving 44
See also active calls
viewing minutes usage for 52
volume, adjusting 141
camera
customizing settings 94
solving problems with 182
card readers 113
Category list 106
caution regarding magnet 10
charge indicators 40
chatting 80
choosing music 116
color, system 146
color-coding appointments 103
command buttons, accessing 22
components of Treo 650 3, 7
computers
synchronizing with 33
transferring music from 113
conference calls 50
connecting
to trusted devices 58
to VPNs 157
to Web 83
with Bluetooth® 58
contacts
dialing calls by contact names 41
looking up 123
managing 98–100
synchronizing 33
viewing list details from phone 42
Cookies preference 89
current event, displaying in Main View of Phone 40
customizing
alarms 111
appearance 145–146
applications settings 147
button settings 148
calendar display 105
camera settings 94
date and time settings 149
display 145–146
email setting with VersaMail 70
favorite buttons 55
messaging settings 80
phone settings 140–143
power preferences 151
system sound settings 144
tasks 111
Web browser settings 88

D

data
receiving over Bluetooth® 61
sending over Bluetooth® 60
synchronizing 33
date
preferences 149
setting 119
Day View option 106
decimal values 122
Default View pick list 105
deleting
favorite buttons 55
messages with VersaMail 69
photos 94
songs 118
Device name field 58
devices, naming 58
devices, trusted 60
Dial Pad 41
Dialup Networking 59
disclaimer 2
Discoverable setting 58
display, customizing 145–146
displaying
calendar 106
decimal values 122
tasks 105, 110
unread messages 105
downloading web files 86

E

echoes 186
Edit Favorites Pages command 53
editing
favorite buttons 55
playlists 118
email
problems with, solving 177–180
settings 70
unread messages 40
viewing unread messages for 105
Enable Background Playback check box 117
ending active calls 47
engineering notation 122
entries, private 155–156
errors, system 184
events. See calendar
exchanging information 33
expansion cards
and photos or videos 93
applications on 136
audio files, transferring to 113
pictures, moving to 93
using 134–137
viewing information about 137

DRAFT 1A palmOne, Inc. Confidential

F

fade setting 105
favorite buttons
    defining 53–54
    dialing calls with 42
features
    monitoring on Phone screen 39–40
    of Treo 650 8–10
finding information 123
5-way navigator, using 20
font, screen 145
formats, audio files 113
forwarding
    calls 50–51
    messages with VersaMail 68
freeing memory 89
freezing during soft reset 164

G

Glossary 187

H

handset, charging 40
hanging up phone 47
hard reset 165
headset
    phone 56
    specifications 57
help 159
highlighting items 21
History list in Web browser 87
HotSync, solving problems with 172–176

I

Image option 98
images, moving 93
information
    expansion cards, viewing 137
    finding 123
    locking 152–158
    synchronizing 33
    updating 33
installation problems, solving 163
installing applications 130–131
internal memory, freeing up 185
items
    highlighting 21
    selecting or activating 22
items needed to use Treo 650 6
iTunes 114

K

keyboard
    dialing calls from 41
    overview 24–25
Keyguard 152

L

liability 2
links, using in messaging 78
listening to music 113
lists, scrolling 21
Location field 104
locking phone and information 152–158
Lookup feature 123
low lighting conditions 24
lowercase letters 25

M

Macs, listening to music on 114
magnet, caution 10
managing
    active calls 46–52
    messaging 79
    tasks 108–111
media formats 113
memory, freeing up 185
memos 112
menu features, selecting 23
messages
    creating 65, 75
    dialing calls from 42
    displaying unread email 105
    managing with VersaMail 69–70
    setting preferences with VersaMail 72
    signatures with VersaMail 73
    VersaMail 67
messaging
    alert tones 82
    chatting 80
    links, using 78
    messages, managing 79
    messages, receiving 77
    multimedia, creating and sending 75
    multimedia, playing 78
    settings, customizing 80
    text, creating and sending 74
    using 74–82
Microsoft Exchange ActiveSync and VersaMail 73
Microsoft Outlook, applications that synchronize 33
Month View 106
moving pictures 93
MP3 files 113
multimedia
    messages 75
    playing or viewing 78
multimedia messaging. See messaging
MultiMediaCard 134
music
    changing playlists for 118
    details, viewing 116

DRAFT 1A palmOne, Inc. Confidential

files 113
formats 113
listening to 113
playing during call 44
playing on Treo 650 116
playlists 117–118
selecting 116
stopping 117
storing 113
transferring from CD 114
transferring from computer 113
volume, adjusting 141

N

naming devices 58
navigating screen 20
network connection, problems with 168–171
No Service message 16
notification of voicemail 45
number recently called, redialing 43
numbers
displaying as decimals 122
entering from keyboard 25
rounding 122

O

opening applications 28
operating systems 30
Option Lock 25
overdue tasks 105, 110
overview of document 4
Owner Preferences 155

P

Palm OS features independent of wireless features 15
password lock, system 154
pausing video recording and playback 91
pending alerts 39, 45, 77
personal computers
synchronizing with 33
transferring music from 113
phone
adjusting call volume 17
advanced features 49–52
answering 44
before using 16
checking your phone number 17
hanging up 47
locking 152–158
redialing 16
settings, customizing 140–143
using 16
viewing minutes usage for 52
Phone application
accessing 38
Bluetooth® icon 39
email messages, unread 40
monitoring status of features 39–40
phone headset 56
Phone Lock 153
phone numbers
checking yours 17
pasting into Dial Pad View 41
saving 48
photos
caller ID 142
deleting 94
naming groups of 95
on phone without camera 90
organizing 94
saving 90
selecting as backgrounds 105
sending 93
taking 90
thumbnails 105
VersaMail 66
viewing on computer 96
viewing on phone 92
pick lists 23
Picture size option 95
playing multimedia messages 78
playlists
creating 117
deleting songs from 118
reordering music on 118
selecting music from 116
power preferences 151
private entries 155–156

Q

Quick Install icon 114, 131

R

RealOne Mobile Player 113
RealPlayer
getting help with 114
icon 115, 116
receiving
calls 44
information over Bluetooth® 61
messages with VersaMail 67
messaging 77
recharging handset 40
recording time (actual) 91
redialing phone 16, 43
removing
applications 132
songs from playlists 118
repeating events, displaying 106
replacing battery 166
replying to messages with VersaMail 68
required items to set up Treo 650 6
resetting 164
resolution of photos and videos 90, 182

DRAFT 1A palmOne, Inc. Confidential

resolution pick list 90, 91
retrieving voicemail 45
reverse type 22
ringer
    adjusting volume 141
    silencing 44
ringer switch
    setting 144
ringtones
    caller ID 143
    selecting 140
    VersaMail 66

S

safe reset 164
Save as Wallpaper command 94
saving
    phone numbers 48
    photos 90
    videos 91
scientific calculator 122
screen
    adding photos as background 105
    aligning 146
    brightness 145
    font, changing 145
    moving around 20
    problems with, solving 167
    waking up 15
scrolling through screens 20
SD expansion cards
    and warranty 7
    using 134
SDIO (Secure Digital input/output) cards 134
searching 123
secure sites
    in Web browser 88
    problems accessing 181
security features 152–158
security password 157
selecting
    alert volume 141
    items 22
    menu features 23
    music 116
    ringtones and alerts 140
    wallpaper for Phone application 143
sending
    applications over Bluetooth® 61
    information over Bluetooth® 60
    multimedia messages 75
    photos 93
    text messages 74
    videos 93
setting
    date and time 119
    vibrate 141
setting up
    VersaMail 62
    VersaMail account on computer 63
    VersaMail account on phone 64
    voicemail 45
settings, messaging 80
signal strength display 39
silencing ringer 44
SIM (subscriber identity module) card
    inserting and using 14
    required 6
SIM Phonebook, viewing 100
slide shows, viewing 92
soft reset 164
software, bonus 7
Song Details command 116
songlists. See playlists
sound settings, system 144
sounds 111
Sounds icon 107, 140
specifications
    headset 57
    Treo 650 199
speed dial, creating favorite buttons 54
Start Time and End Time preference 106
stopping music play 117
storing MP3 files 113
switching accounts in VersaMail 70
switching from Bluetooth® headset to earpiece 47
symbols
    and accented characters 25–27
    entering from keyboard 25
synchronization
    discussed 33
    preparing for 30
    problems with, solving 172–176
    software, installing 32
system
    errors 184
    password lock 154
    profiles 30
    requirements 30
    resetting 164
system requirements 30
system settings
    color 146
    sound and volume levels 144

T

taking photos 90
tasks
    customizing 111
    display options 110
    displaying 105, 110
    managing 108–111
    overdue 105, 110
    setting alarms for 111
    setting preferences 111
text messaging. See messaging
text, viewing against photos 105

third-party applications
and 5-way navigator 20
help with 131
problems with, solving 183
thumbnails (photos) 105
time
displaying recording 91
preferences 149
setting 119
timed events 106
touchscreen lockout 153
transferring
audio files 113
data from another device 160
information 33
Treo 650
features 8–10
turning on and off 15
troubleshooting 159
trusted pairs 60
turning Treo 650 on and off 15

U

unread email messages 40, 105
untimed events 106
updating information 33
upgrading from another device 160
uppercase letters 25
USB HotSync cable 31
using
expansion cards 134–137
voicemail 45

V

VersaMail
accounts, switching between 70
alert tones 71
attachments 68
Auto Sync, scheduling 71
email settings, customizing 70
files, attaching 66
messages, creating and sending 65
messages, managing 69–70, 72
messages, receiving and replying 67
Microsoft Exchange ActiveSync 73
photos, attaching 66
ringtones 66
setting up on computer 63
setting up on phone 64
setup options 62
signature, attaching to message 73
transferring settings from other account 62
using 62–73
videos, attaching 66
vibrate, setting 141
video recording screen 91
videos
jumping to specific sections 91
on phones without camera 90
organizing 94
pausing 91
saving 91
sending 93
VersaMail 66
viewing on computer 96
viewing on phone 92
viewing
application information for 133
applications 29
events 106
lists 21
messages with VersaMail 67
multimedia message 78
photos and videos on phone 92
photos or videos on computer 96
tasks 105, 110
unread messages 105
voice quality, problems with 186
voicemail
sending ignored calls to 44
using 45
volume levels, system 144
volume of call, adjusting 17
VPN, connecting to 157

W

waking up screen 15
wallpaper
accessing Dial Pad when using 41
for Phone application 143
saving photo as 94
warm reset 164
Warranty and SD cards 7
Web browser
beaming from 125
bookmarks 85–86
customizing settings 88
downloading web files 86
faster browsing 87
History list 87
problems with, solving 181
secure websites 88
using 83–89
viewing web pages 83
web pages in 84, 85–86, 87
web browsing problems, solving 181
web pages
dialing calls from 42
in Web browser 83, 84, 85–86, 87
setting initial view for 88
wireless features independent of Palm OS features 15
World Clock 119

Specifications

Radio	• GSM 850/900/1800/1900 quad band world phone • GPRS class 10, class B; also supports CSD • EDGE up to 170kbps	
Phone features	• Personal speakerphone • Hands-free headset jack (2.5 mm, 3-barrel connector)	• Microphone mute option • TTY compatible • 6-way calling
Processor technology	• Intel PXA270 312MHz processor	
Expansion	• SD/MultiMediaCard/SDIO card slot	
Battery	• Rechargeable Lithium Ion • Removable for replacement	• Up to 6 hours talk time • Up to 300 hours standby • 4 hours full charge time
Palm OS® version	• Palm OS 5.4	
Camera (not included on all models)	• VGA resolution (640 x 480), 0.3 megapixel	• Automatic light balance
Size	• 4.4 in x 2.3 in x 0.9 in (11.3 cm x 5.9 cm x 2.3 cm) with antenna	
Weight	• 6.3 ounces (178 grams)	
IR	• Yes	
Display	• Touch-sensitive LCD screen (includes stylus) • 65,536 colors (16-bit color)	• User-adjustable brightness
Keyboard	• Built-in QWERTY keyboard plus 5-way navigator • Backlight for low lighting conditions	

DRAFT 1A palmOne, Inc. Confidential

Specifications

Included software	• Phone (including Palm OS Contacts, Favorites, Dial Pad) • Camera • Messaging (text and multimedia) • Web browser (Internet) • VersaMail® • Calendar	• Memos • Tasks • Calculator Basic and Advanced • Palm® Desktop software and HotSync® Manager • World Clock
System requirements	• Windows 2000 or XP with USB port • Mac OS 10.2 –10.3 with USB port	• Later versions may also be supported
Operating and storage temperature range	• 32°F to 104°F (0°C to 40°C) • 5% to 90% RH	