HP iPAQ
Product Guide

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1   Registering the iPAQ

Registering your HP iPAQ

You need to register your HP iPAQ with Hewlett-Packard to be able to:

- Access support and services, and get the most out of your HP products

- Manage your profile

- Sign up for free support alerts, driver notices, and personalized newsletters

In some countries, when you register your HP iPAQ with Hewlett-Packard, you receive e-mail regarding special offers and promotions. Take time now to register your HP iPAQ online at http://www.register.hp.com.

> **NOTE:**   Registration is not supported in all countries.

If your mail or e-mail address needs to be updated after registration, visit http://www.register.hp.com and enter your user ID and registration password to edit your online profile.

2 Box Contents

Box Contents

This illustration depicts the items that come in the box with your HP iPAQ.

NOTE: Box contents vary by model.

(1)	HP iPAQ Voice Messenger
(2)	1100 mAh Li-Ion removable/rechargeable battery
(3)	**Getting Started** CD with special software
(4)	HP iPAQ documentation
(5)	Wired stereo headset **NOTE:** Listening to personal stereo equipment at full volume for long periods can damage hearing. To reduce the risk of hearing loss, do not spend much time listening to personal stereo equipment at full volume. HP recommends use of the headset manufactured by Merry, part number EMC220-X00, that is included with your HP iPAQ.
(6)	AC adapter with interchangeable plug **NOTE:** The AC adapter is provided with more than one interchangeable plug, which may not be attached. Attach the correct plug for your region. Plug the AC adapter into an AC outlet that is easily accessible at all times.
(7)	Mini-USB synchronization cable

3   Components

📝 **NOTE:**   Not all models or features are available in all regions.

Front Panel Components
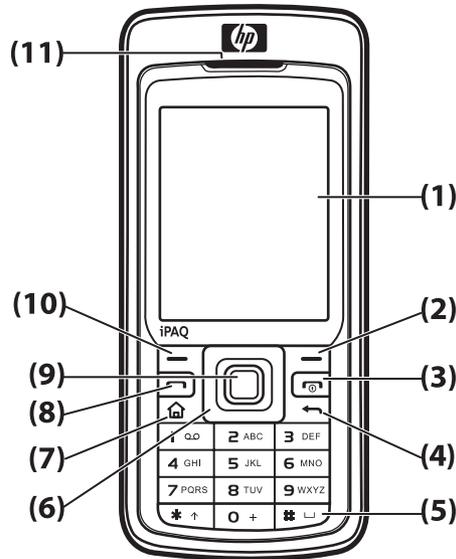
Component		Function
(1)	Display Screen	Use to view the contents on the screen.
(2)	Right Softkey	Press to launch **HP iPAQ Shortcuts** from the **Home** screen.
(3)	Power Button or End Key	Press to end a phone call. Press and hold to switch your HP iPAQ on or off.
(4)	Back Key	Press to go back to the previous screen.
(5)	Keypad	Use keys on the keypad to enter text, dial numbers, or navigate menus.
(6)	4-Way Navigation Key	Use to select items, navigate menus, change feature settings, and play games. Scroll up, down, left, or right by pressing down on the button in the direction you want to scroll. Release the button to stop the scrolling action.
(7)	Home Key	Press to go to the **Home** screen.
(8)	Send Key	Press to answer a call, lock your HP iPAQ, or start the speakerphone.
(9)	Action Button	Press to open an item or a program.
(10)	Left Softkey	Press to access programs from the **Start** menu.
(11)	Earpiece	Use to listen to phone calls, sounds, and notifications.

Bottom Panel Components
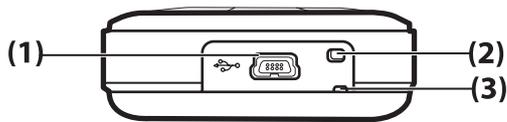
	Component	Function
(1)	Charging/Communications Port	Use to connect the mini-USB synchronization and charging cable.
(2)	Microphone	Use for phone conversations or to record notes.
(3)	Strap Loop	Use to attach accessories to carry your HP iPAQ.

Left and Right Side Components
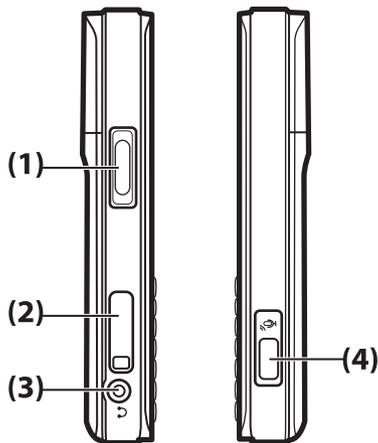
	Component	Function
(1)	Volume Button	Press to increase or decrease the earpiece volume.
(2)	MicroSD Slot	Insert a Micro Secure Digital (MicroSD) storage card with the label side down for data storage.
(3)	Headset Connector	Plug the headphones into this connector for a private phone conversation or to listen to music. Make sure that the wired headset is firmly plugged into the headset connector.
(4)	Voice Commander Button	Press to launch the Voice Commander.

Back Panel Components
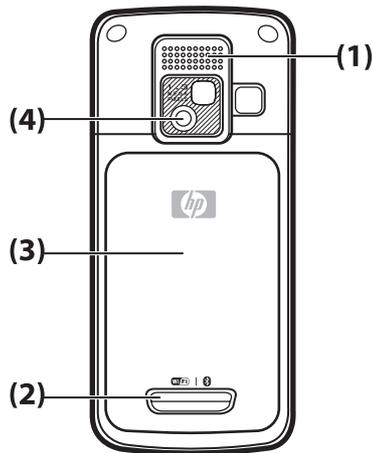
Component		Function
(1)	Speaker	Use the speakers to listen to music or as a speakerphone to converse when driving or otherwise occupied.
(2)	Release Button	Press the release button on the battery cover and slide the cover down and away from the HP iPAQ to remove the back cover.
(3)	Battery Cover	Remove to insert or remove the battery and/or the SIM card.
(4)	HP Digital Camera Lens	With the camera turned on, frame the subject in the camera lens and view it on your HP iPAQ screen before capturing the photo.

4   Setting Up Your HP iPAQ

Step 1: Remove the battery cover and insert the SIM card

1. Press the release button on the battery cover and slide the cover down and away from the HP iPAQ.
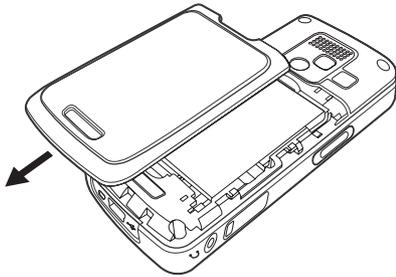
2. Remove the battery.
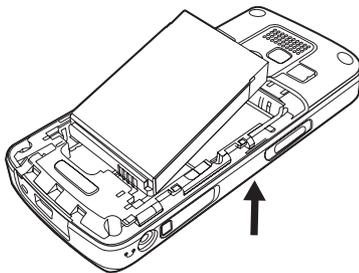
📝 **NOTE:**   If the battery is already installed, remove it before inserting the SIM card. The SIM card is provided by a mobile phone service provider.
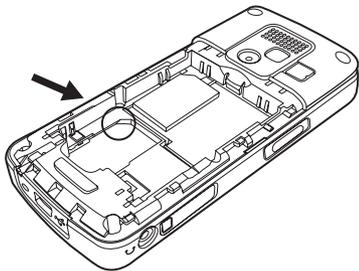
3. Place the SIM card in the provided slot.

📝 **NOTE:**   Make sure that the metal contacts are facing down and the notched corner is in the correct position.

4. Slide the SIM card into the slot.

Step 2: Install the battery and replace the battery cover
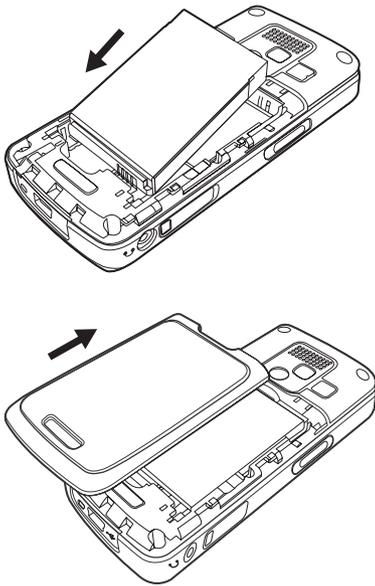
1. Align the battery connectors on the battery with the housing pins in the battery compartment, and insert the battery.

2. Place the battery cover down and slide up until it clicks into place.

Step 3: Charge the battery
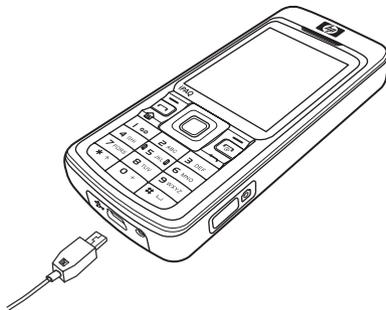
△ **CAUTION:** To avoid damaging your HP iPAQ or the AC adapter, Make sure all connectors are properly aligned before connecting.

The battery provides power for your HP iPAQ to operate. Your HP iPAQ comes with a mini-USB synchronization cable, which must be used to charge the device.

It takes approximately 2–4 hours to fully charge the battery for the first time. Subsequent charges may take longer.

1. Insert the USB end of the mini-USB synchronization cable into the port on the AC adapter.

2. Connect the AC adapter to an electrical outlet.

3. Connect the mini-USB synchronization cable to the charging/communications port on your HP iPAQ. The cable connector only fits one way. If the connector does not insert easily, turn it over.

☼ **TIP:** You can also charge the battery by connecting your HP iPAQ to a USB port on your computer using the mini-USB synchronization cable.

✎ **NOTE:** Whenever a replacement battery is inserted into your HP iPAQ, press the **End** key for at least two seconds. In case the device does not switch on, attach an AC adapter to switch on your HP iPAQ.

Step 4: Turn on your HP iPAQ

Press the **Power** button or **End** key to turn on your HP iPAQ. Next, follow the instructions on the screen to complete the setup. Use the keypad to enter information.

Protecting Your HP iPAQ with a Password

You can secure the data on your HP iPAQ by setting a password. Each time you turn on your HP iPAQ, you will be prompted to enter the password.

To set a password:

1. Press **Start > Settings > Security > Device Lock**.

2. Select the **Prompt if device unused for** check box, and select the time that your HP iPAQ must be unused before you are prompted for a password.

3. In the **Password type** box, select the type of password you would like to use. Enter the password and then confirm the password.

4. Press **Done**.

The next time your HP iPAQ is unused for the specified period of time, you are prompted to enter your password.

☼ **TIP:** Use the same steps as above to change or reset your password.

Finding the Serial and Model Number

Locate the serial and model number of your HP iPAQ before contacting HP Customer Support, particularly if you are calling for in-warranty support.

View the serial and model ID by pressing **Start > More > HP Help and Support > Serial and Model Number**.

You can also find this information below the battery of your HP iPAQ:

To locate the serial and model number:

1. Remove the battery cover.

2. Remove the battery from the unit.

3. Locate the label containing the product ID and serial number underneath the battery.

Status Icons

The following table lists the common status indicators and their meanings.

Icon	Status	Icon	Status
	Missed call		Call forwarding active
	Voice call active		Call on hold
	No SIM card installed		SIM card fault
	New Voice mail		New e-mail or SMS
	Instant message received		Battery level
	Battery level low		Battery charging
	No battery or battery fault		Sync error
	Ringer off		Speaker phone on
	Wi-Fi on		Bluetooth
	Roaming		General Packet Radio Service (GPRS) available
	GPRS available in roaming		GPRS in use
	Enhanced Data for GSM Evolution (EDGE) available		EDGE available in roaming
	EDGE in use		Signal strength
	Phone connection unavailable or network error		Radio off

5   Learning the Basics

Get started with your HP iPAQ by learning basic functions such as entering text, knowing the **Home** screen, synchronization, and troubleshooting.

Home Screen

The **Home** screen displays the date and time and provides a quick status of the remaining battery capacity, upcoming appointments, your current profile, and the number of unread text messages. From the **Home** screen, scroll and select the cellular carrier and Wi-Fi connection status display module to open the Wireless Manager. Next, press **All** to turn all wireless connections on/off. At the top of the **Home** screen are the connectivity icons, the volume indicator, and the clock. The top of the **Home** screen also displays the icons of the last ten programs you used so that you can quickly recall them.

Use the **Home** screen to do the following:

- Access all applications and settings by pressing **Start**.

- Access your shortcuts by selecting **Shortcuts**.

Battery Saving Tips

You can adjust the settings on your HP iPAQ to fit your individual needs and to help your battery last as long as possible between charges. Here are some recommendations to conserve battery life:

- **Sounds** — Every time you are notified of an event, battery power is consumed. Press **Start > Settings > Sounds** and turn off any notifications that are unnecessary.

- **Auto Turn Off the Backlight** — Press **Start > Settings > More… > Power Management**. Specify a short amount of time to wait before turning off the backlight. Set **Backlight time out on battery** to 5 to 10 seconds and **Display time out** to 30 seconds.

- **Turn off Bluetooth and Wi-Fi** — Always turn off **Bluetooth** and **Wi-Fi** when not in use.

HP also offers a variety of accessories to keep your HP iPAQ charged when you are out of the office for extended time periods. These include the mini-USB synchronization cable and travel adapter. Use original HP batteries and chargers to charge your HP iPAQ.

To check the battery power, press **Start > Settings > Power Management**.

Locking and Unlocking Your HP iPAQ

You can lock your HP iPAQ to prevent accidental key presses and unintentional phone calls while you carry your device.

NOTE: When your device is locked, you can still receive phone call notifications and see appointment reminders.

To lock your HP iPAQ, press and hold the **Send** key.

To unlock your HP iPAQ, press **Unlock** and *****. Your HP iPAQ is unlocked and ready for use.

Entering Text

You can enter text and numbers on the HP iPAQ using the keypad. The HP iPAQ supports two input modes for entering text: **Multipress** and **T9**. The status indicator on the top of the display screen shows the input mode that is currently in use.

Changing Input Modes

You can change the text mode to **Multipress** or **T9** as follows:

1. Press and hold ***** until the status indicator for the input mode you want is shown at the top of the display screen.

2. To change options in the **Multipress** or **T9** modes, for example, changes from **abc** to **ABC**, or from **T9** to **t9**, press ***** and release.

   The following table shows the list of input mode status indicators:

Indicator	Mode
abc	The **Multipress** text input mode, lowercase
Abc	The **Multipress** text input mode, initial capital letters
ABC	The **Multipress** text input mode, uppercase
t9	The **T9** text input mode, lowercase
T9	The **T9** text input mode, initial capital letters
T9	The **T9** text input mode, uppercase

☼ **TIP:** In the **Multipress** or **T9** text input mode, the first letter of a sentence is always in uppercase.

Entering Text in the Multipress Mode

1. You can enter a letter in the **Multipress** mode by pressing the number key on which the letter appears.

2. To enter the first letter on the number key, press the key once.

3. To enter the second letter press the key twice, and so on.

4. The letter entered remains underlined until you complete multiple keypresses and the cursor moves to the next position.

When you enter letters that are on the same number key, wait until the underline disappears before entering the next letter. This pause is called the **Multipress** time out, and you can adjust the length of the pause between multiple keypresses.

To change the **Multipress** time out:

1. Press **Start > Settings > More… > Accessibility**.

2. Scroll to select the time for entering text in the **Multipress** mode in **Multipress time out** box.

3. Press **Done**.

Entering Text in the T9 Mode

T9 is a predictive text entry mode that lets you enter a word using a single keypress per letter.

Entering Common Words

To enter common words embedded in the **T9** software:

1. Press a key indicating the first letter of the word you want to enter. A list of alternative words and letter combinations will be displayed on the screen.

2. If the word you want is not displayed, continue by entering the second letter. The word choices are updated with each keypress.

Entering New Words

You can add new words that are not recognized by **T9**.

1. To enter the first letter of a word, press the required key once.

2. Use the keypad to enter the rest of the word.

3. If the word you want to type is not present in the dictionary, press **ADD WORD?**.

4. Enter the word in the **Add My Word** box and press **Done**.

    NOTE: Your HP iPAQ stores the unrecognized word and includes it in the list of alternative word choices. When memory space for unrecognized words is filled, your HP iPAQ deletes oldest words as it adds new words.

    TIP: You can also enter numbers and symbols in messages.

Entering the Owner Information

Enter your information so that the HP iPAQ can be returned to you if it is lost.

1. Press **Start > Settings > More… > Owner Information**.

2. Enter your personal information and press **Done**.

Viewing the Operating System Information

▲ Press **Start > Settings > More… > About**.

TIP: You can also press **Start > More > Accessories > Resource Manager** to view **System Information**.

Changing the Regional Settings

The style in which language, locale, numbers, date, time, and currency display are displayed is specified in regional settings.

To change the regional settings:

1. Press **Start > Settings > More… > Regional Settings**.

2. Select your region. The region you select determines the available options.

3. To customize additional settings, select the appropriate options.

4. Press **Done**.

To change the language, locale, numbers, date, time, and currency display, follow steps 1 through 4 above, and then perform one of the following:

- From the **Language** list, select the language.

- From the **Locale** list, select the locale.

- From the **Short date style/Long date style** lists, select the date format.

- From the **Time format** list, select the time display option.

- From the **Positive number/Negative number** lists, select the number display options.

- From the **Positive currency/Negative currency** lists, select the currency display options.

Adjusting the Volume

Setting the Ringtone

You can also specify the sound you want to hear for any notification.

1. Press **Start > Settings > Sounds**.

2. Select an event name and choose how you want to be notified by selecting the appropriate option. You can choose from several options, such as a special sound for **Reminders**, **New text messages**, **Ring tone**, **Internet call ring tone**, **New voice message**, **New instant message**, **SIM toolkit messages**, **Exclamation, Question**, **New channel message**, **New e-mail**, **Alarm clock**, **Warnings**, and **Keypad control**.

3. Press **Done**.

📝 **NOTE:** Turning off notifications helps conserve battery power.

Adjusting Speaker Volume

- Use the **Volume** button to increase or decrease the speaker volume.

Changing the Power Management Settings

1. Press **Start > Settings > More… > Power Management**.

2. Select **Display time out**.

3. Select the length of time.

4. Press **Done**.

Dimming or Adjusting the Brightness of the Backlight

You can set the backlight to dim after a specified amount of time has elapsed.

1. Press **Start > Settings > More… > Power Management**.

2. Select **Backlight time out on battery** or **Backlight time out on AC**.

3. Select the length of time.

4. Press **Done**.

You can also increase or decrease the brightness of the backlight.

1. Press **Start > Settings > More… > Power Management**.

2. Scroll and increase or decrease the brightness from **Brightness** list.

3. Press **Done**.

Installing and Removing Programs

To install programs on your HP iPAQ:

1. Use the mini-USB synchronization cable to connect your HP iPAQ to your computer.

2. Follow the instructions in the **Installation Wizard** provided with the program you want to install.

3. Check the screen of your HP iPAQ to see if any further steps are necessary to complete the program installation.

To remove programs from your HP iPAQ:

1. Press **Start > Settings > Remove Programs**.

2. Select the programs you want to remove and then press **Menu > Remove**.

NOTE: By removing a program from your HP iPAQ, you may increase available memory on the device.

If programs are lost from your HP iPAQ for any reason, most of them can be re-installed using Microsoft ActiveSync. Open the ActiveSync help on your computer, click **Tools > Add/Remove Programs**. Select the program to be added and click **OK**.

Opening and Closing Programs

You do not need to exit a program to open another or to conserve memory. The system manages memory automatically.

To open a program, press **Start** and then select the program you want from the list.

In most cases, programs automatically stop to free required memory space. However, you can close programs manually, if you prefer.

1. Press **Start > More > Accessories > Task Manager**.

2. From the **Application** list, select the application you want to close, and press **Menu > Kill**, or press **Menu > Kill All** to close all open applications.

Customizing the HP iPAQ

To get detailed information:

▲ Press **Start > Settings > More… > About**.

The device name is used to identify the HP iPAQ in the following situations:

● Synchronizing with a computer

● Connecting to a network

To change the device name:

1. Press **Start > Settings > More… > Owner Information**.

2. Enter a name in the **Device Name** box. The device name must begin with a letter, consist of letters from A to Z and numbers from 0 to 9.

3. Press **Done**.

Setting Alarms

1. Press **Start > Settings > Clock & Alarm > Alarm**.

2. Scroll to **Alarm time** and set the alarm time.

3. Scroll and select the required option from the **Alarm** list.

4. Press **Done**.

Creating and Assigning a Category

In the **Contacts** and **Tasks** programs, you can use categories to help organize and group your contacts and tasks.

1. From the list, select an existing item or create a new one.

2. Do one of the following:

   ● For an existing item in **Tasks**, open the task and press **Edit > Categories**.

   ● For an existing item in **Contacts**, press **Menu > Edit > Categories**.

   ● For a new item in **Contacts** and **Tasks**, select **Categories**.

3. Enter the category name and then press **Done**. The new category is automatically assigned to the item.

4. Press **Done** to return to the contact or task.

📝 **NOTE:** Categories are shared between your contacts and tasks. A category remains in the list of shared categories as long as it is assigned to at least one contact or task.

Synchronization

Microsoft ActiveSync, located on the **Getting Started CD**, allows your HP iPAQ and your computer to communicate with each other.

For synchronization to work properly, install Microsoft ActiveSync on your computer **before** you connect your HP iPAQ to your computer.

Use Microsoft ActiveSync to:

● Synchronize information between your HP iPAQ and up to two computers or one server so that you have the latest information in all locations

● Change synchronization settings and the synchronization schedule

● Transfer files between your device and computer

- Install applications on your HP iPAQ

- Synchronize links

- Send and receive e-mail

- Request meetings

Synchronizing your HP iPAQ with your computer allows you to keep the same information (such as calendar, contacts, and e-mail messages) on both units, making it available when you work on your computer or when you take your HP iPAQ on the go. You can synchronize your HP iPAQ with your computer using:

- mini-USB synchronization cable

- Bluetooth

To synchronize your HP iPAQ and your computer using the mini-USB synchronization cable:

1. Make sure ActiveSync 4.5 or later is installed on your computer.

2. Plug the USB end of the mini-USB synchronization cable into your computer.

3. Connect the mini-USB end of the synchronization cable to the universal synchronize connector on the bottom of your HP iPAQ. Synchronization begins automatically.

   △ **CAUTION:**   To avoid damaging your HP iPAQ or the AC adapter, check to make sure all connectors are properly aligned before connecting them.

4. Click **Next** on the **Synchronization Setup Wizard** screen.

5. Perform one of the following:

   - By default, the check box is selected to synchronize directly with a Microsoft Exchange Server. Clear this check box if you do not want to synchronize directly with a Microsoft Exchange server and then click **Next**.

   - Click **Next** if you want to synchronize directly with Microsoft Outlook.

6. When the **Synchronization Options** screen displays, select the items you want to synchronize between your HP iPAQ and your computer and then click **Next**.

7. After your items have been synchronized, click **Finish**. The **Synchronization Setup Wizard** starts synchronizing the items you selected.

If **ActiveSync** does not begin the synchronization process, start it manually: On your computer, open **ActiveSync** by selecting **Start > All Programs > Microsoft ActiveSync**.

Changing the Type of ActiveSync Connection

You can change the type of **ActiveSync** connection being used between your HP iPAQ and your computer to meet your specific needs.

You should use **USB Serial Sync** mode if you:

- Are having general problems with the ActiveSync connection between your HP iPAQ and your computer.

- Need to connect your HP iPAQ to your computer while you are using a Virtual Private Network (VPN) tunnel from your computer.

- Are running personal or company-enforced firewall software on your computer.

You should use USB RNDIS mode if you are transferring large files and do not have any connection issues between your HP iPAQ and your computer.

To change to ActiveSync RNDIS mode on your HP iPAQ:

1. Press **Start > Settings > Connections > More… > USB**.

2. Press **Menu > ActiveSync Settings**.

3. Scroll and select **RNDIS**.

4. Press **Done**.

Troubleshooting Help for Synchronization Issues

Following is a list of symptoms that may indicate synchronization issues:

- No **ActiveSync** chimes sound (or a gray icon displays), and there is no activity in the **ActiveSync** window on your computer.

- **ActiveSync** chimes sound, and the **ActiveSync** icon on your computer changes to a swirling green icon. The **retrieving settings** message appears on your computer, but the **ActiveSync** connection drops prior to establishing the partnership.

- **ActiveSync** is searching for a connection but cannot establish one. (The green icon on your computer continues to spin.)

- Synchronization has been established between your HP iPAQ and computer but connection is dropped. (The green icon on your computer stops spinning and grays out.)

- Firewall or other network protection software message box is displayed for **ActiveSync** to access the network or Internet.

Following is a list of troubleshooting tips if you experience difficulty while synchronizing your HP iPAQ and computer. Try the following solutions to troubleshoot any synchronization issues:

- Check the Operating System (OS) on your computer before you begin synchronizing information between your HP iPAQ and computer. The synchronization method varies depending on the OS running on the computer.

  If your computer is running Windows XP or an earlier version, synchronization settings are managed through Microsoft ActiveSync. Microsoft ActiveSync 4.5 is available on the Getting Started CD. You may also visit http://www.microsoft.com/windowsmobile for more information or to download Microsoft ActiveSync.

  If your computer is running Windows Vista, synchronization settings are managed through Windows Mobile Device Center. Visit http://www.microsoft.com/windowsmobile to download Windows Mobile Device Center.

  NOTE: HP does not guarantee the accurate functionality of any third party applications with Windows Vista.

- If you are running **ActiveSync** 4.5 or later and personal firewall software on your computer, please add **ActiveSync** to the firewall program's exception list.

  (Firewall software, such as Sygate Personal Firewall, TrendMicro PC-cillin Internet Security 2005, Norton Personal Firewall, McAfee Personal Firewall, or Zone Alarm Security Suite may block synchronization.) Refer to the documentation that came with your firewall program to determine how to add ActiveSync 4.5 or later to the program's exception list. To further troubleshoot a firewall application and enable ActiveSync 4.5 or later, visit: http://www.microsoft.com/windowsmobile.

- During the **ActiveSync** installation, if you inadvertently left the **Microsoft Exchange Server** option box checked and are not planning to connect to an Exchange server, follow these steps:
  - Connect your HP iPAQ to your computer. Make sure an **ActiveSync** connection is established.
  - On your computer, click **Start > All Programs > Microsoft ActiveSync**.
  - Click **Tools > Options**.
  - Clear the boxes for the sync items listed under the Server group.
  - Place a check mark in the boxes under the Computer group for those items you want to synchronize.
- Disconnect your HP iPAQ from your computer and wait for the **ActiveSync** message confirming that your device is no longer connected. Reconnect your HP iPAQ to your computer. Wait to see if your HP iPAQ connects to your computer.
- On your computer, in **ActiveSync**, select **File > Connection Settings**. Confirm that USB is selected as a potential connection method.
- Connect your HP iPAQ to a different USB port on your computer.
- Check your mini-USB synchronization cable. Consider using another mini-USB synchronization cable if one is available to you.
- Try synchronizing via a Bluetooth connection. Refer to the printed or CD-based documentation that came with your HP iPAQ for specific instructions.
- Once your computer and HP iPAQ restart, reconnect your HP iPAQ to your computer.
- Uninstall **ActiveSync** from your computer and then reinstall it. To uninstall **ActiveSync** from your computer, click **Start > Control Panel > Add or Remove Programs > Microsoft ActiveSync**. Then click **Remove > Yes**.

After trying the above solutions without any success in solving your connection problem, perform a factory reset on your HP iPAQ using the HP iPAQ Setup Assistant.

You can reinstall your applications on your HP iPAQ after the hard or clean reset is complete by using ActiveSync on your computer. After your HP iPAQ is synchronized properly, go to **ActiveSync** on your computer and select **Tools > Add/Remove Programs**, and then select any programs you want to reinstall.

6   Using Your Smartphone

Using the Home Key

You can use the **Home** key to return to the **Home** screen from any application.

You can do the following tasks using the **Home** key:

- Press and hold the **Home** key to access the **Quick List**. The **Quick List** displays a list of available profile types and commands.
- Press the **Home** key and use the keypad to dial a number.

Using the Back key

The **Back** key is used to return to the previous screen. It is similar to stepping up a folder structure in your computer.

Using the 4-Way Navigation Key

The **4-Way Navigation** key is used to navigate the menu system, change feature settings, and play games. It is also used to scroll up and down a list to select a desired function.

☆ **TIP:**   Down and up are your primary movements within menus and navigation through the contacts. Move left and right to change feature settings and edit text.

- The top of the **Home** screen displays the icons of the last ten programs you used so that you can quickly recall them. Press the **Action** button to open any program.

Calling Features

Making a Call

1. Use the keypad to enter the number you want to call.
2. Press the **Send** key to make the call.

☆ **TIP:**   To call the person whom you called last, press the **Send** key twice.

Answering a Call

To answer a call, press the **Send** key or press **Answer** on the screen.

When you receive a call, you can answer or ignore the call, the phone stops ringing and the caller may be sent to Voice mail, depending on the settings provided by your mobile phone service provider. To disregard the call, press **Ignore** on the onscreen keypad or press the **End Call** key.

Using Call Waiting

Use Call Waiting to be notified of incoming calls when you are in another call.

To turn on Call Waiting:

1. Press **Start > Settings > Phone > Call Waiting**.

2. Select the **Provide call waiting notifications** check box.

3. Press **Done** to save the settings.

To use Call Waiting to answer an incoming call during a phone conversation:

1. Press **Answer** to move the current phone call to Call Waiting.

2. Press the **Send** key to answer the incoming call or press **Ignore** on the onscreen keypad if you do not want to answer the call.

3. Press **Swap** to switch between the calls.

Redialing a Number

To redial the last number called from the **Home** screen, press the **Send** key twice.

Calling a Contact

You can call a number stored in the contact list. As you enter a contact name, the HP iPAQ searches the **Contacts**, **Call History**, **Speed Dial** lists, and the SIM card to find a matching name and number.

Making a Call from the Home Screen

To make calls from the **Home** screen:

1. Use the keypad to enter the contact name.

2. In case there is more than one contact with the same name, scroll to select the required contact.

3. Press the **Send** key to make the call.

Making a Call from the Contacts

You can select a person's name from your contacts list and press the **Send** key to place the call. If a contact has more than one phone number, such as **Work**, **Home**, and **Fax**, do the following:

1. Press **Start > Contacts**.

2. Scroll to the contact name.

3. Scroll to the required number and press the **Send** key to place a call.

☆ **TIP:** If you have a long list of contacts, enter the first few letters of a contact's name. Your HP iPAQ searches the entire contacts list to display the name.

Changing the Default Number for a Contact

The **Work** phone number is set as the default.

1. Press **Start > Contacts**.

2. Scroll a contact number.

3. Scroll and select to change default number.

Making a Call to a Contact

1. Press **Start > Contacts**.

2. Scroll to the contact you want to call.

3. Press the **Action** button and scroll to the number you want to call.

4. Press the **Send** key to place the call.

Making a Call Using Voice Commander

Press **Voice Commander** button and say **Call (Contact name)** to dial a number saved in your HP iPAQ's contacts list or by saying **Digit Dial (number)** to directly call a number not stored in your HP iPAQ.

Making Emergency Calls

You can make calls to emergency service numbers, even if you have locked the SIM card and/or the HP iPAQ.

Your service provider programs one or more emergency phone numbers, such as 911 or 112, which you can call under any circumstance, even when your HP iPAQ is locked or the SIM card is not inserted.

NOTE: Emergency numbers vary by country. Your HP iPAQ's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

From the **Home** screen:

1. Use the keypad to dial the local emergency number.

2. Press the **Send** key to place the call.

Making Calls Using Speed Dials

You can quickly dial phone numbers by assigning speed dial numbers. Press and hold one or two keys from the **Home** screen to make a speed dial call. You can choose speed dial entries from 2–99. The speed dial entry 1 is often reserved to set up or dial your Voice mail after initial setup.

NOTE: The **Speed Dial** feature is available only for phone numbers stored in the **Contacts** list.

To create a speed dial shortcut:

1. Press **Start > Contacts**.

2. Scroll to the desired contact and press the **Action** button.

3. Scroll to the desired number and press **Menu > Add to Speed Dial** to open menu functions.

4. Use navigation keys to select a speed dial number from 2–99 under **Keypad assignment**.

5. Press **Done**.

TIP: You can also assign speed dial numbers to Web addresses and e-mail addresses that are stored in the **Contacts** on your HP iPAQ.

To make a speed dial call:

▲ From the **Home** screen, press and hold the keypad number you assigned as a speed dial entry. For two-digit speed dial numbers, press the first digit and press and hold the second digit of the number.

Using Voice mail

From the **Home** Screen:

▲ Press and hold **1** to automatically call Voice mail after initial setup.

📝 **NOTE:** You may need to set up the Voice mail shortcut.

Using the Handsfree Function

You can turn the speaker on during a call to use the handsfree function.

1. Press **Menu** to open the menu options.

2. Scroll to **Speakerphone** and press the **Action** button to turn the speaker on and the earpiece off.

Monitoring Phone Usage

Call Timers store the length of your last call, the total number of calls made and received, calls by type, and a lifetime counter. You can use **Call Timers** to keep track of your calling patterns, to help you choose a calling plan or estimate your monthly billing.

▲ Press **Start > Call History > Menu > View Timers**.

Making Data Calls

Use **Data Connections** settings to set up General Packet Radio Service (GPRS), dial-up, Virtual Private Network (VPN), proxy, and Wi-Fi connections so you can connect to the Internet or your corporate network. With a data connection, you can browse the Web, download e-mail, chat using **MSN Messenger**, or synchronize with the server without using wires.

Network connection time is the elapsed time from the moment you connect to your service provider's network to the moment you end the data call by pressing **End**. This time includes busy signals and ringing. The amount of network connection time you track on your resettable timer may not equal the amount of time for which you are billed by your service provider. For billing information, please contact your service provider directly.

📝 **NOTE:** Your HP iPAQ has already been configured to allow you to browse and chat. Contact your service provider for information on mobile Internet plans, configuring e-mail or wireless synchronizing with the server.

Muting a Call

You can mute the microphone during an active call. On making a call the other party will not be able to hear anything you say, but you can still hear the other party.

During a call:

▲ Press **Mute**.

Putting a Call on Hold

During a call, you can put the call on hold so you can call another number or answer an incoming call. If you have more than one call on the line, you can switch between calls.

● To put a call on hold, press **Menu** and then select **Hold**.

● To switch between calls, press **Swap**.

Making a Conference Call

You can talk to two or more people simultaneously, using the conference call facility.

1. Press the **Send** key.

2. Use the keypad to dial the first number.

3. Press the **Send** key.

4. After you are connected, press **Hold**.

5. Dial the second number, and then press the **Send** key.

6. After you are connected, press **Menu > Conference**.

NOTE: To add more parties to the conference call, dial each number, connect, and then press **Menu > Conference**.

Making a Call From a Hyperlinked Phone Number

Use a hyperlinked phone number to quickly dial a phone number from an e-mail or text message. A hyperlinked phone number is underlined in the same manner as a Web site address.

From an e-mail or text message containing a hyperlinked phone number:

1. Scroll to the hyperlinked phone number.

2. Press the **Action** button to place the call.

Dialing International Numbers

You can make an international call from your HP iPAQ. To make an international call, enter the country code before the phone number.

1. On the **Home** screen, press and hold **0** until the plus (+) sign appears.

2. Enter the country code and phone number.

NOTE: You can also insert a plus (+) sign into a contact's phone number for quick dialing.

Checking Your Connection and Signal Strength

After you insert an active SIM card into your HP iPAQ, it connects to your service provider's network.

The signal strength icon indicates that you are connected to your service provider's network. A full strength connection is indicated by a full signal strength icon. The number of vertical bars in the icon diminish as the signal strength diminishes. No bars indicate no signal.

Changing the SIM Personal Identification Number

The SIM Personal Identification Number (PIN) protects your HP iPAQ against unauthorized access. You can assign a password to protect your device and information. Your first PIN comes from your wireless service provider.

1. Press **Start > Settings > Security**.

2. Select **Change PIN2**.

3. Enter your current PIN in **Old PIN** box.

4.	Enter your new PIN in **New PIN** box.

5.	Confirm your new PIN in **Confirm new PIN** box.

6.	Press **Done**.

Managing Calls Using Call History

Call History provides the time and duration of all incoming, outgoing, and missed calls, a summary of total calls, and has easy access to notes taken during a call.

●	Press **Start > Call History** to view all of the calls in Call History.

●	Press **Menu > Filter** and select a different view to change the Call History view.

●	Press **Menu > View Timers > Menu > Reset Timers**, to reset the Recent calls counter.

📝 **NOTE:**	The **All Calls** counter cannot be reset.

●	Press **Menu > Delete Lists** to clear the entire Call History.

Using Wireless Manager

Using Wireless Manager, you can easily turn on/off the functions of a Wi-Fi connection, a Bluetooth connection, and Phone features.

📝 **NOTE:**	When the Phone feature is turned off, you cannot receive or make a call, including emergency calls. To receive and make a call, turn on the Phone feature and re-engage your phone's RF capability.

To use wireless manager, press **Start > Settings > Connections > Wireless Manager**.

Option	Description
All	Press the **Action** button to turn on/off the functions of **Wi-Fi**, **Bluetooth**, and **Phone** features.
Wi-Fi	Press the **Action** button to turn on/ off the functions of **Wi-Fi** connection.
Bluetooth	Press the **Action** button to turn on/ off the functions of **Bluetooth** connection.
Phone	Press the **Action** button to turn on/off the functions of **Phone** features.

Flight mode is a condition when all wireless connections on your HP iPAQ are turned off.

To turn on/off all wireless connections at the same time:

1.	To use Wireless Manager, press **Start > Settings > Connections > Wireless Manager**.

2.	Select **All** and press the **Action** button to turn on/off all wireless connections.

Quick Launch

Quick Launch is a simple way for you to open the **Quick List** that lets you turn off your HP iPAQ, manage wireless connections, change profiles, or lock your keypad.

To access the **Quick List**:

1.	Press and hold the **Home** key to access the **Quick List**.

2.	Scroll to select from the list.

Changing the Ring Tone and Ring Type

Change the ring tone and type to select a different sound to notify you of incoming calls.

1. Press **Start > Settings > Sounds**.

2. Scroll and select a ring tone from the **Ring tone** box.

3. Press **Done**.

Changing Network Settings

You can switch from one network to other as follows:

1. Press **Start > Settings > Phone**.

2. Select **Networks** to view your **Current network**, or **Network selection** to switch to a different network.

☼ **TIP:** You can select a different network by searching the network either automatically or manually.

Profiles

You can use profiles on your HP iPAQ to personalize the ringtones, ring volumes, and other settings according to your choice.

Using profiles

To select a profile:

1. Press **Start > Settings > Profiles**.

☼ **TIP:** You can also set profiles using **Voice Commander**.

2. Select any of the listed profiles and press **Done** to choose that profile.

Editing profiles

To edit a profile:

1. Press **Start > Settings > Profiles**.

2. Press **Menu > Edit**.

   Scroll and select to edit the following features in a profile:

   ● **Name**

   ● **Ring type**

   ● **Ring volume**

   ● **Alarm type**

   ● **Alarm volume**

   ● **Reminder type**

   ● **Reminder volume**

- **Notification type**
- **System sound volume**

Automatic Frequency Band Selection

Your HP iPAQ has an integrated Global System for Mobile Communication (GSM)/General Packet Radio Service (GPRS)/Enhanced Data for GSM Evolution (EDGE) feature that supports four different frequency bands (850/900/1800/1900) for international roaming. When traveling, between countries and/or wireless network operators, this feature changes the connection settings by generating an automatic search for frequency bands when your home bands are not available. This feature is the default setting on your HP iPAQ.

To avoid connection problems after you are out of the country, follow these tips before you leave:

- Visit your mobile phone service provider's Web site to see if service is available where you are traveling.
- Verify your mobile phone account is set up for international roaming and if additional charges apply.

Copying a Contact From a SIM to a Device

You can copy a contact from the SIM to the device as follows:

1. Press **Start > Contacts**.
2. Press **Menu > Copy Contact**.
3. Press **Menu > Edit** to edit the contact information as needed.
4. Press **Done**.

ActiveSync – Synchronizing Contacts, Tasks, Calendar and E-mail with Exchange/Outlook

You can synchronize **Contacts**, **Tasks**, **Calendar** and **E-mail** with **Exchange/Outlook**

1. After your computer is synchronized with your HP iPAQ, click **Tools > Options** on the **Microsoft ActiveSync** dialog box.
2. Select the check boxes which you want to synchronize.
3. Click **OK**.

Setting up E-mail

Before sending and receiving e-mail messages, you may have to complete the e-mail account setup. You can send e-mail messages by synchronizing or connecting directly to an e-mail server through an Internet Service Provider (ISP) or a corporate network. You can only have one configurable Outlook e-mail at one time and therefore only synchronize one type of e-mail, either POP3 or computer. If you choose to synchronize your computer e-mail, it will wipe out your POP3 settings.

To set up an e-mail account, press **Start > Messaging > New E-mail Account…**.

Options	Description
Your name	Type your name

E-mail address	Enter your e-mail address
Automatic setup	Select this feature to enable your HP iPAQ to obtain e-mail settings from the internet.
User name	Enter your user name
Password	Enter your password
Domain (if necessary)	Enter your domain name, if necessary
Save password	Check this feature to avoid entering your password repeatedly before you send/receive e-mails.
Server type	Select either **POP3** or **IMAP4**
Account name	Enter your account name
Network	Select **The Internet**
Incoming Server	Enter your incoming mail server
Require SSL connection	Check this feature, if necessary
Outgoing Server	Enter your outgoing mail server
Outgoing server requires authentication	Check this feature, if necessary
Download the following messages	Use navigation keys to select messages you want to receive
Connect automatically and check for messages	Use navigation keys to select an option

Setting up E-mail using Exchange Server

1. Press **Start > Messaging > New E-mail Account…**.

2. Scroll and select the **Exchange Server** option from the **Your e-mail Source** box.

3. Press **Next** to synchronize outlook with your organization's Exchange e-mail server.

4. In **Server address**, enter the Outlook Web Access server address.

5. Enter the **User name**, **Password**, and **Domain** on the **User Information** tab.

6. Select the check box for the items you want to synchronize, and press **Finish**.

Voice Notes

You can use Voice recorder to record audio clips. You can attach them as voice notes to e-mails, MMS, and meeting notes.

7   Connections

You can use your HP iPAQ to connect to and exchange information with other handheld devices, your computer, various network types, or the Internet. There are several ways to get connected, including:

- Wi-Fi
- Bluetooth
- GPRS/EDGE

Press **Start > Settings > Connections** to access all these connection types.

Connecting to Intranet URLs

To connect to intranet sites that have periods in their URLs (for example, intranet.companyname.com), add them to the Work URL Exceptions list.

1. Press **Start > Settings > Connections**.
2. Press **Menu > Advanced**. To enter the URL, press **Menu > Work URL Exceptions**.
3. Press **Menu > Add** and in **in URL Pattern**, enter the intranet URL.

NOTE: If you use many URLs that share the same root company name, you can avoid entering them individually by entering *.companyname.com.

Changing or Deleting an Intranet URL

1. Press **Start > Settings > Connections**.
2. Press **Menu > Advanced**. To enter an URL, press **Menu > Work URL Exceptions**.
3. Select the intranet URL you want to change, and then press **Menu > Edit** to edit. Press **Delete** to delete the URL.

Setting Up Proxy Settings

If you are connected to your Internet Service Provider (ISP) or private network during synchronization, your device should download proper proxy settings during synchronization from your computer. If these settings are not on your computer or need to be changed, you can change them manually.

Before you begin, obtain the following information from your ISP or network administrator:

- User name
- Password
- Proxy Server name
- Port
- Type of Socks protocol used

To set up proxy server settings:

1. Press **Start > Settings > Connections > Proxy**.

2. Press **Menu > Add** to set up a new proxy server connection. Press **Menu > Edit** to edit a proxy server.

3. Scroll to select the required option from the **Connects from** list.

4. Scroll to select the **The Internet** option from the **Connects to** list.

5. In the **Proxy (name:port)** box, enter the proxy server name and port.

6. Scroll to select the required protocol option from the **Type** list.

Setting Up GPRS using HP iPAQ DataConnect

You can use the HP iPAQ DataConnect application to automatically configure your GPRS settings according to the service provider and the country in which your HP iPAQ is being used.

To set up GPRS using HP iPAQ DataConnect:

1. Press **Start > More > Accessories > HP iPAQ DataConnect**.

2. Scroll to select your country from the **Country** list.

3. Scroll to select your operator from the **Operator** list.

4. Press **Menu > Save** to save your operator and country settings.

5. Your HP iPAQ will automatically create a new GPRS connection using your operator settings.

Configuring Advanced Proxy Settings

1. For the appropriate server type, enter the proxy server name and port.

2. If you are configuring a Socks proxy, select **Socks4** or **Socks5**. If using **Socks5**, enter the credentials for connecting with your proxy server.

Setting Up a VPN Connection

A Virtual Private Network (VPN) connection helps you to securely connect to servers, such as a corporate network, via the Internet.

Before you begin, obtain the following information from your network administrator:

● User name

● Password

● Domain name

● TCP/IP settings

● Host name or IP address of the VPN server

To set up a VPN server connection:

1. Press **Start > Settings > Connections**.

2. Select **VPN** and press the **Action** button.

3. Enter the details given by the network administrator.

4. To edit details of an already existing VPN connection, scroll to select the connection and press **Menu > Edit**.

NOTE: To delete an existing connection scroll to select the connection and press **Menu > Delete**.

Wi-Fi

With wireless access, you do not need to use cables to connect your HP iPAQ to the Internet. Instead, access points transmit data to and from your wireless device. Your HP iPAQ can connect to an 802.11b/g WLAN or connect directly to other WLAN-enabled devices. With Wi-Fi you can:

● Access the Internet

● Send and receive e-mail

● Access corporate network information

● Use Virtual Private Networks (VPNs) for secure remote access

● Use hotspots for wireless connectivity

NOTE: Use of dial-up and wireless Internet, e-mail, corporate networks, and other wireless communications, such as Bluetooth devices, may require separately purchased additional hardware and other compatible equipment, in addition to a standard Wi-Fi infrastructure and a separately purchased service contract. Check with your service provider for availability and coverage in your area.

Wi-Fi Terms

Term	Definition
802.11 standard	An approved standard specification of radio technology from the Institute of Electrical and Electronics Engineers (IEEE) used for wireless local area networks (WLANs).
Device-to-computer or ad-hoc	A mode that does not use access points. It provides independent peer-to-peer connectivity in a wireless LAN.
Domain Name System (DNS)	The way that Internet domain names are located and translated into IP addresses. It is an easy to remember name for an Internet address. Every Web site has its own specific IP address on the Internet.
Encryption	An alphanumeric (letters and/or numbers) conversion process of data primarily used for protection against any unauthorized people.
Hotspots	Public or private areas where you can access Wi-Fi service. These wireless connections can be located, for example, at a library, cyber cafe, hotel, airport lounge, or convention center. This service can be free or sometimes requires a fee.
Infrastructure	This connection mode uses wireless access points to connect to networks.

Automatically Connecting to a Wi-Fi Network

When you turn on the Wi-Fi radio, your HP iPAQ automatically detects Wi-Fi networks that are broadcasting their signals. If your Wi-Fi network is not set to broadcast, then you have to connect to it

manually. Before trying to connect to a Wi-Fi network, determine if authentication information is needed by contacting your network administrator.

1. Press **Start > Settings > Connections > Wireless Manager**.

2. On the **Home** screen, scroll and select **Wi-Fi** to open **Wireless Manager**.

3. Scroll and select **Wi-Fi** to turn Wi-Fi on.

4. After your HP iPAQ detects any existing Wi-Fi network, select the network you want to connect to and press **Connect**.

Manually Connecting to a Wi-Fi Network

1. Press **Start > Settings > Connections > Wi-Fi > New**.

2. Enter the network name.

3. Choose a network type. Select **Internet** to connect to the Internet through an Internet Service Provider (ISP) or select Private/Work Network to connect to a company network. You should only choose Private/Work if the network requires a proxy server.

4. Press **Next** to go to the Network Key screen.

   ● To use authentication, select the authentication method from the **Authentication list**.

   ● To use data encryption, select an encryption method from the **Data encryption list**.

   ● To automatically use a network key, select the **The key is automatically provided** check box. Else, enter the network key.

📝 **NOTE:** To delete a Wi-Fi connection, press **Start > Settings > Connections > Wi-Fi**. Select the required connection and press **Menu > Delete**.

Finding an IP Address

You need to be connected to a Wi-Fi network to find the IP address of your connection

1. Press **Start > Settings > More… > Wireless LAN**.

2. Press **Menu > Advanced** to find the IP address and network related details of your connection.

Deleting a Wireless Network Connection

You can delete networks you manually entered. However, if a network was automatically detected, you cannot delete it.

To delete an existing or available wireless network:

1. To delete a connection, press **Start > Settings > Connections > Wi-Fi**.

2. Select the required connection and press **Menu > Delete**.

Configuring 802.1x Authentication Settings

802.1x authentication settings provide a method to protect the network behind the access point from intruders as well as provide for dynamic keys and strengthen Wi-Fi encryption. Before performing these steps, determine if authentication information is needed by contacting your network administrator.

1. To manually enter information, press **Start > Settings > Connections > Wi-Fi**.

2. Select the network you want to configure and press **Menu > Edit**.

3. Press **Next** twice to reach the **802.1x** screen. Press **Use IEEE 802.1x** network access control, and then select appropriate **EAP** type.

Configuring IP PBX using HP iPAQ Setup Assistant

You can make voice calls using VoIP and Internet Protocol Private Branch Exchange (IP PBX) in addition to normal GSM calls. VoIP routes voice conversations using an IP based network. VoIP to VoIP phone calls to any provider are typically free.

To make calls using IP PBX:

1. On the **Home** screen, scroll to **Internet Calling**, which is off by default, and press the **Action** button.

2. Scroll and select the required option from the **Use Internet Calling** box.

3. You need to configure the Wi-Fi settings before you can use VoIP.

4. On the **Home** screen, the **Internet Calling** status changes to available or selected.

5. Use the keypad to enter the number you want to dial and press the **Send** key.

> **NOTE:** On the **Home**, if the status of **Internet Calling** is **No Service**, it indicates that your HP iPAQ did not register successfully with the IP PBX server.

To configure VoIP using HP iPAQ Setup Assistant:

1. Download and install the HP iPAQ Setup Assistant from the **Getting Started CD** before you begin the configuration.

2. Open **HP iPAQ Setup Assistant** and click **Manage Configuration > New**.

3. Click **VoIP** to configure the settings

4. Enter the **username** and **password** for your SIP/VoIP account. Enter the **Domain** name and the **Service Provider** if available.

5. Enter the SIP Server name or IP address as provided by your network administrator in **SIP Proxy** box.

> **NOTE:** Select **Register With SIP Proxy** checkbox if you want to use SIP Proxy as your SIP registrar. After you enter the **SIP Proxy**, you do not have to enter the **SIP Registrar** again.

6. Enter the **Voice mail Number** (optional) which is provided with your account.

Bluetooth

Use Bluetooth to connect to any computer or any other compatible device without using cables.

Bluetooth Terms

Term	Definition
Authentication	Verification of a numeric passkey before a connection or activity can be completed.
Authorization	Approval of a connection, access, or activity before it can be completed.
Bonding (Paired devices)	Creating a trusted connection between your device and another. After a bond is created, the two devices become paired. A paired device does not require authentication or authorization.
Device address	Unique electronic address of a Bluetooth device.
Device discovery	Location and recognition of another Bluetooth device.
Device ID	Name that a Bluetooth device provides when discovered by another device.
Encryption	Method of protecting data.
Passkey	Code you enter to authenticate connections or activities requested by other devices.
Personal Information Manager (PIM)	Collection of programs used to manage daily business tasks (for example: Contacts, Calendar, and Tasks).
Profiles	Collection of Bluetooth settings.
Service discovery	Determination of which programs you have in common with other devices.

Changing Bluetooth Settings

1. Press **Start > Settings > Connections > Bluetooth**.
2. Scroll and select the bluetooth connection for which you want to change the settings.
3. Follow the on screen instructions and press **Done**.

Bluetooth Device Profiles

The functions that Bluetooth supports are called services or profiles. You can communicate only with Bluetooth devices that support at least one of the following profiles:

●   ActiveSync—Uses SPP to connect to ActiveSync on a computer

●   Advanced Audio Distribution Profile (A2DP)

●   Audio Video Remote Control Profile (AVRCP)

●   Personal Area Networking (PAN)

●   Generic Access Profile (GAP)

●   Hands Free Profile (HFP)

●   Headset Support Profile (HSP)

●   Human Interface Device Profile (HID)

●   Object Exchange (OBEX) Protocol

●   Object Push Protocol (OPP)

●   Serial Port Profile (SPP)

Creating, Accepting, and Ending a Bluetooth Partnership

You can create a partnership between your HP iPAQ and another device that has Bluetooth capabilities. After you do this, the devices must have Bluetooth turned on but do not need to be discoverable to exchange information between them.

1. Make sure the two devices are turned on, discoverable, and within 10 meters from each other.

2. Press **Start > Settings > Connections > Bluetooth**.

3. To create a new partnership press **Add New Device**. Your HP iPAQ searches for other devices with Bluetooth capabilities and displays them in the list.

4. Select the name of the other device you want to create a partnership with and press **Next**.

5. Specify a **Passkey** for authentication.

6. Enter the same **Passkey** on the other device.

7. Press **Done**.

NOTE: Press **Menu > Edit** to rename a partnership.

To end a Bluetooth partnership:

1. Press **Start > Settings > Connections > Bluetooth** to view all the partnerships you created on your HP iPAQ.

2. Scroll and select the connection you want to delete. Press **Menu > Delete**.

To accept a Bluetooth partnership:

1. Make sure your device is turned on, discoverable, and within close range.

2. When prompted to accept a partnership with the device that is requesting the relationship, press **Yes**.

3. If a passkey is requested, enter an alphanumeric **Passkey** between 1 and 16 characters in **Passkey** box, and press **Next**. Enter the same **Passkey** in the device requesting the partnership. Using a **Passkey** provides greater security.

4. To give the partnership a more meaningful name, change the name of the device in **Display Name**.

5. Press **Done**.

If you cannot discover another device, try the following:

- Make sure Bluetooth is turned on.

- Move closer to the device.

- Make sure the device you are attempting to connect to is switched on and is in the discoverable mode.

Making a Device Discoverable

1. Press **Start > Setting > Connections > Bluetooth**.

2. Press **Menu > Turn On Visibility**.

NOTE: If you no longer want your HP iPAQ to be discoverable, press **Menu > Turn Off Visibility**.

Setting Up an Incoming or Outgoing COM Port

1. Make sure your HP iPAQ is connected to the other device via Bluetooth.

2. Press **Start > Settings > Connections > Bluetooth**.

3. Press **Menu > Com Ports** to set up a new port.

4. Press **Menu > New Outgoing Port**.

   📝 **NOTE:**   A new Outgoing Port is available only if there is at least one Bluetooth device supporting serial (COM) connection.

5. Select a numbered COM port from the list.

   📝 **NOTE:**   A port is in use if it cannot be created; if so then select a different numbered port.

6. To limit communication on this COM port only to devices with which your HP iPAQ has a Bluetooth partnership, select the **Secure connection** check box.

7. Press **Done**.

Ending a Connection

It can be useful to end a connection when you are done using it. This frees resources on your HP iPAQ and can save connection charges.

- When connected via mini-USB synchronization cable, detach your HP iPAQ from the cable.

- When connected via Bluetooth, press **Start > Settings > Connections > Bluetooth** and then press **Menu > Turn off Bluetooth** to end a bluetooth connection.

- When connected via Wi-Fi , press **Start > Settings > Connections > Wi-Fi** and then press **Menu > Turn off Wi-Fi** to end a Wi-Fi connection.

GPRS/EDGE

EDGE technology provides a connection to the mobile phone network that can be used for Web browsing, Multimedia Messaging Service (MMS) messaging, or accessing your corporate network.

📝 **NOTE:**   EDGE is an enhancement to GPRS and enables higher speed data connections than GPRS. This means with EDGE, your HP iPAQ can have faster phone multimedia capabilities such as sending and receiving SMS/MMS messages, and sharing video clips. Your HP iPAQ supports GPRS. If you want to HP iPAQ to support EDGE technologies, contact your service provider.

Changing GPRS Network Settings

The first time you use your SIM Card, the **HP iPAQ DataConnect** application automatically detects the phone network and operator and sets up the GPRS connection information for you. You can change these settings or create your own network settings to your requirements.

1. Press **Start > Settings > Connections > GPRS**.

2. If your operator name appears in the list, select the name and press **Menu > Edit** to edit the GPRS network settings.

Editing Network Parameters

△ **CAUTION:**   Editing network parameters is not recommended unless you are being assisted by your mobile phone service provider.

Connecting to a Laptop

You can use your HP iPAQ as a wireless modem. The **Internet Sharing** software on your HP iPAQ guides you during the connection process. Insert a GPRS-enabled SIM into your HP iPAQ before setting up Internet Sharing. You may also need to install the software drivers (located on the **Getting Started CD**) on to your laptop. Before you can begin Internet sharing, make sure you have a cellular connection. If you do not have an active connection, you will not be able to launch the **Internet Sharing** application.

To Connect to a Laptop using a USB Data Connection

You may need to install the USB driver before connecting to your computer. If your computer has automatically added your HP iPAQ as a new modem, you can skip the following steps:

1. Connect your HP iPAQ to the computer using the mini-USB synchronization data cable. Your computer may prompt you for the wireless USB modem driver with a **New hardware wizard** menu screen. Else proceed to **To set up a USB modem connection**.

2. Click **Next** on the welcome screen of the **Install Wizard**.

3. Select the **Search for a suitable driver for my device (recommended)** option.

4. Select **Specify a Location** and browse to the C:\ drive folder that contains the USB driver.

    📝 **NOTE:** Click **Next** to allow your computer to automatically search and download the USB driver file.

5. Click **Finish**.

6. After installing the driver, **Smartphone USB Modem** will be added to the device list in the Device Manager.

7. Next, disconnect your HP iPAQ from the computer.

    📝 **NOTE:** 56K modems are capable of receiving 56 Kbps from a compatible service provider. Actual speeds will vary depending on line conditions.

Setting Up a USB modem connection:

1. Make sure that your HP iPAQ is not connected to your computer.

2. Press **Start > More > Internet Sharing**.

3. Scroll and select **USB** from the **PC Connection** list.

4. Scroll and select the type of GPRS connection you want to use from the **Network Connection** list.

5. Now connect your HP iPAQ to your computer with the mini-USB synchronization data cable and press **Connect**.

To Connect to a Laptop using Bluetooth data connection

For best results, connect your HP iPAQ to the computer using a mini-USB to establish a synchronization relationship before connecting via Bluetooth.

●   Follow the instructions in **ActiveSync Help** for configuring Bluetooth on your computer to support ActiveSync.

Setting Up a Bluetooth Modem Connection:

1. Make sure that your HP iPAQ is not connected to your computer.

2. Press **Start > More > Internet Sharing**.

3. Scroll and select **Bluetooth PAN** from the **PC Connection** list.

4. Scroll and select the type of GPRS connection you want to use from the **Network Connection** list.

5. Make your HP iPAQ visible and detectable. Connect the Bluetooth PAN to your computer and create a partnership between them.

6. Press **Connect** after the partnership is established.

ActiveSync over USB cable, GPRS and Bluetooth

You can use your HP iPAQ to communicate with your computer and manage your pictures, data and music folders easily.

To use ActiveSync over cable:

1. Connect the USB end of the synchronization cable to a USB port on your computer.

2. Connect the mini-USB end of the synchronization cable to the charging/communications port on the bottom of your HP iPAQ.

NOTE: The connector fits only one way so do not force it. If the connector does not insert easily, turn it over.

3. When prompted, check the items you want to synchronize between your HP iPAQ and your computer.

4. Select the folder you want to synchronize.

5. Click **Explore** on the computer ActiveSync dialog box to explore folders present on your HP iPAQ.

6. Press **Sync** to synchronize the selected folders.

NOTE: To configure ActiveSync over GPRS, contact your corporate network administrator.

To use ActiveSync over Bluetooth:

NOTE: For best results, connect your HP iPAQ to the computer using a mini-USB synchronization cable to establish a synchronization relationship before connecting via Bluetooth.

1. Follow the instructions in **ActiveSync Help** for configuring Bluetooth on your computer to support ActiveSync.

2. On your HP iPAQ, press **Start > More > ActiveSync**.

3. Press **Menu > Connect via Bluetooth**. Make sure the device and the computer are within close range.

4. If this is the first time you have connected to this computer via Bluetooth, complete the Bluetooth wizard on your HP iPAQ and set up a Bluetooth partnership with the computer. Use **ActiveSync Help** to do this.

5. Press **Sync**. After you finish synchronization, press **Menu > Disconnect Bluetooth**.

8 Camera

Using the Digital Camera

Use the built-in digital camera on your HP iPAQ to click and view photos.

Capturing Photos

You can capture images and store them in your HP iPAQ or memory card.

1. Press **Start > Camera**.

2. Use the **4-Way Navigation** key to zoom in or out.

3. Use the **4-Way Navigation** key to decrease or increase brightness.

4. Press the **Action** button to click a photo and automatically save it in **File Manager > My Documents > My Pictures**.

Viewing Photos

To view photos captured on your HP iPAQ:

1. Press **Start > More > Pictures & Videos**.

2. Navigate to a required folder.

3. Press **Open** to open a folder and press **View** to view a photo

To Change Image Sizes

●   Press the **Action** button once to the display photo in **Full screen** view.

> 📝 **NOTE:** The opened photo displays in the **Fit to View** screen by default.

●   Press the **Action** button once while in **Full screen** view to display the photo in actual view.

●   Press the **Action** button once while in actual view to return to the **fit to screen** view.

> 📝 **NOTE:** You can create folders to manage your pictures. Press **Menu > Edit > New Folder** to create a new folder.

Changing Camera Settings

Changing Brightness Settings

1. Press **Start > Camera**.

2. Press **Menu > Brightness**.

3. Make the necessary changes and press the **Action** button.

Changing Resolution Settings

1. Press **Start > Camera**.

2. Press **Menu > Resolution**.

3. Make the necessary changes and press the **Action** button.

The Resolution settings can be changed to:

- 176*144
- 352*288
- 320*240
- 640*480
- 1280*1024

📝 **NOTE:** The larger the resolution you choose, the more the storage space required and it may take longer to send such photos by Multimedia Messaging Service (MMS), e-mail, or Bluetooth.

Changing Mode Settings

1. Press **Start > Camera**.

2. Press **Menu > Mode**.

3. Make the necessary changes and press the **Action** button.

Mode settings can be changed to:

- **Timer** – Set the self-timer to determine after how long you want the camera to click a photo after you press the shutter button.
- **Burst** – Set the maximum number of photos that can be taken at a time.

Changing Zoom Settings

1. Press **Start > Camera**.

2. Press **Menu > Zoom**.

3. Make the necessary changes and press the **Action** button.

The Zoom settings can be changed to:

- Zoom*1(default)
- Zoom*2
- Zoom*3

Changing White Balance Settings

1. Press **Start > Camera**.

2. Press **Menu > White Balance**.

3. Make the necessary changes and press the **Action** button.

The White Balance settings can be changed to:

- Automatic (default)
- Night
- Sunlight
- Cloudy
- Fluorescent
- Incandescent

NOTE: You can choose the preset depending on your shooting conditions.

Configuring File Settings

Use your HP iPAQ **File Settings** to resize pictures for e-mail and to optimize for slideshow viewing.

Press **Start > Camera**, and then press **Menu > Options** to change one or more of following options:

1. **General**

    - The general settings can be changed to:
        ◦ Large (640*480) (default)
        ◦ Medium
        ◦ Small
        ◦ Original

    - The orientation of picture can be changed to:
        ◦ Left
        ◦ Right

2. **Slide Show**

    - The Slide Show settings can be changed to:
        ◦ Landscape
        ◦ Portrait

    - Select the **Play Screensaver when connected to my PC and idle for 2 minutes** check box to make your computer screensaver your HP iPAQ screensaver.

3. **Camera**

    - **Save files to**: Press the **Action** button and scroll to select the phone or storage card as the storage device. The default folder on the device is \My Documents\My Pictures.

    - **Type filename prefix**: Enter the text you want to add at the beginning of the filename.

    NOTE: You can save the filename prefix with any alpha numeric character and certain symbols.

    - **Still image compression level**: Press the **Action** button and scroll to select the required option.

Using the Camcorder

Recording Videos

You can use the built-in camcorder on your HP iPAQ to create short videos and share them with your friends and family.

1.   Press **Start > Camera**.

2.   Press **Menu > Video**.

3.   Press the **Action** button to start recording. Press the **Action** button again to stop recording.

Configuring Video Format

Press **Start > More > Pictures & Videos**, and then press **Menu > Options > Video**.

●   Select the **Include audio when recording video files** check box to record both audio and video.

●   Set time limit to one of the following:

    ◦   30 Seconds

    ◦   15 Seconds

    ◦   No Limit

Transfer Images

Using GPRS

When the phone radio is turned on for the first time, the **HP iPAQ DataConnect** application detects the mobile phone service provider and automatically populates the MMS settings on the HP iPAQ.

To transfer pictures using MMS:

1.   Press **Start > Messaging > MMS**.

2.   Press **Menu > New**.

3.   Navigate to highlight **Insert Picture/Video…** area.

4.   Press the **Action** button to open **Pictures & Videos**.

5.   Navigate to a required picture you want to add and press the **Action** button.

6.   Press **Send**.

Using Bluetooth

You can do the following to transfer images from your HP iPAQ to other devices:

1. Press **Start > More > Pictures & Videos**.

2. Scroll and select a picture.

3. Press **Menu > Beam…**. Select the device and press **Beam**.

   NOTE: You should have the Bluetooth connection on to transfer images.

9   Messaging

You can use your HP iPAQ to keep in touch with your family and friends through messaging. Use your HP iPAQ to keep you updated on your e-mail messages. You can also keep a track of appointments and meetings using your HP iPAQ.

Understanding Messages

To send and receive e-mail messages using your HP iPAQ, you can:

- Send and receive e-mail messages using the Direct Push Technology for Exchange server.

- Send and receive e-mail messages for an e-mail account with an ISP.

- Send and receive e-mail messages for an e-mail account that you access using your VPN connection. You will need your account settings for VPN connection (typically a work account).

You can also send pictures, video, and audio files on your phone and storage card using MMS. You can send only pictures, or a combination of pictures and videos, or audio files. Text can also be added to a MMS slide.

Text messages can be sent using your HP iPAQ. Text messages are sent and received through your wireless service provider using the phone number as the message address.

NOTE: MMS or Internet e-mail is sent and received by connecting to a Post Office Protocol 3 (POP3) or Internet Message Access Protocol 4 (IMAP4) e-mail server. When connecting to a POP3 or IMAP4 server, you use a modem to connect to your ISP. You can also use your HP iPAQ to connect by using a cellular line connection (for example, using MMS).

Using Folders

Each messaging account has its own set of folders with five default Messaging folders:

- Deleted Items

- Drafts

- Inbox

- Outbox

- Sent Items

The messages you send and receive through the account are stored in these folders. You can also create additional folders within each account.

The way folders work vary by type:

1. **ActiveSync**: If you use an Outlook e-mail account, e-mail messages in the Inbox folder in Outlook are synchronized automatically with your HP iPAQ. You can choose to synchronize additional folders by designating them for synchronization. The folders you create and the messages you move are mirrored on the e-mail server. You can read the messages while you are away from your computer.

2. **MMS/Text Messages**: If you use an MMS account or a text message account, messages are stored in the Inbox folder.

3. **POP3 account**: If you use a POP3 account and you move e-mail messages to a folder you created, the link is broken between the messages on your HP iPAQ and their copies on the e-mail server. When you connect, the e-mail server detects that the messages are missing from the Inbox folder on your HP iPAQ and deletes them from the e-mail server. This prevents having duplicate copies of a message, but it also means that you no longer have access to messages that you move to folders created from anywhere except your HP iPAQ.

4. **IMAP4 account**: If you use an IMAP4 account, the folders you create and the e-mail messages you move are mirrored on the e-mail server. Therefore, messages are available to you anytime you connect to your e-mail server, whether it is from your HP iPAQ or computer. This synchronization of folders occurs whenever you connect to your e-mail server, create new folders, or rename/delete folders when connected. You can also set different download options for each folder.

Synchronizing E-mail

When you synchronize Outlook e-mail on a computer with your device, e-mail messages are synchronized as follows:

- Messages in the Inbox folder on your computer or Exchange Server are copied to the Inbox folder of the Outlook e-mail account on your device.

- Messages in the Outbox folder on your device are transferred to Exchange Server or Outlook, and then sent from those programs.

- When you delete a message on your device, it gets deleted from your computer or Exchange Server the next time you synchronize.

- The default sync settings synchronize messages from the past three days only and the first 2 KB of each new message is downloaded.

NOTE: Text messages are not received via synchronization. Instead, they are sent to your HP iPAQ via your service provider.

Composing E-mail using Voice Commander

You can use the Voice Commander feature on your HP iPAQ to select the recipient of your e-mail.

1. Press the **Voice Commander** button on your HP iPAQ.

2. Hold your HP iPAQ 10 cm away from your face and say **Compose Email to (contact name)** to launch the e-mail compose form with the recipient added.

3. You can now compose your message by speaking into the microphone. This audio file will be sent as an attachment.

To compose an audio e-mail:

1. Press the **Voice Commander** button on your HP iPAQ.

2. Hold your HP iPAQ 10 cm away from your face and say **Compose Audio E-mail to (contact name)** to start recording.

3. Record your message and press **Stop**.

4. Say **Confirm** if you want to send the message or say **Retry/Cancel**.

Setting up Messaging Accounts

Text Messaging

Text messaging is the transmission of short text messages to and from a mobile phone, fax machine, and/or IP address. A single text message cannot be longer than 160 alpha-numeric characters or cannot contain pictures or graphics.

Messages longer than 160 alpha-numeric characters are sent as multiple text messages. A character count is visible when text messages (New/Reply/Forward) are composed. The count also shows how many text messages are generated when the message is sent.

The Text Message Service Center phone number is provided by your mobile phone service provider. Text messaging should function correctly after activating your account.

MMS Messaging

The Multimedia Messaging Service (MMS) is a method of transmitting photographs, video clips, sound files, and short text messages over wireless networks.

When the phone radio is turned on for the first time, the GSM/GPRS Manager application detects the mobile phone service provider and automatically populates the MMS settings on your HP iPAQ.

It is not recommended to change the MMS settings provided by your mobile phone service provider unless the change is requested.

Setting up E-mail using Exchange Server

1. Press **Start > Messaging > New E-mail Account…**.

2. Scroll and select the **Exchange Server** option from the **Your e-mail Source** box. Press **Next**.

3. Press **Next** again to synchronize Outlook with your organization's Exchange e-mail server.

4. In **Server address**, enter the Outlook Web Access server address.

5. Enter the **User name**, **Password**, and **Domain** in the User Information tab.

6. Select the check boxes of the data you want to synchronize, and then press **Finish**.

Setting up E-mail using POP3 or IMAP4 account

1. Press **Start > Messaging > New E-mail Account…**.

2. Scroll and select the **Other** option from the **Your e-mail Source** box. Press **Next**.

3. Scroll and select the **Other (POP/IMAP)** option from the **Your e-mail provider** box. Press **Next**.

4. Enter your name and e-mail address and press **Next**.

5. Press **Done**.

Receiving E-mail Attachments

An attachment sent with an e-mail message or downloaded from the server appears below the subject of the message. Navigate to select the already downloaded attachment or mark an attachment to download it the next time you send and receive e-mail. You can also download attachments automatically with your messages if you have an Outlook e-mail or IMAP4 e-mail account.

If you have an Outlook e-mail account, do the following on **ActiveSync** dialog box:

1. Click **Start > ActiveSync**.

2. Click **Options**.

3. Click **E-mail > Settings**, and then select the **Include File Attachments** check box.

📝 **NOTE:** To open a recorded message received as an attachment, scroll to the recorded message and press the **Action** button.

If you have an IMAP4 e-mail account with an Internet Service Provider (ISP) or an account that you access using a VPN server connection (typically a work account), do the following:

1. Press **Start > Messaging**.

2. Press **Menu > Tools > Options**.

3. Select the name of the IMAP4 account.

4. Press **Next** until you reach Server information, and press **Options**.

5. Press **Next** twice, and select the check boxes **Get full copy of messages** and **When getting full copy, get attachments**.

📝 **NOTE:** Embedded pictures and objects cannot be received as attachments.

An embedded message can be viewed as an attachment when using IMAP4 to receive e-mail. However, this feature does not work if Transport Neutral Encapsulation Format (TNEF) is enabled so that you can receive meeting requests.

Receiving Meeting Requests

If you receive your e-mail messages through ActiveSync, you can receive meeting requests. When connecting directly to an e-mail server, the server must be running Microsoft Exchange Server version 5.5 or later for you to receive meeting requests.

If the server is running Microsoft Exchange Server 2000 or later, your meeting requests are automatically received in your Inbox. However, to receive meeting requests on Microsoft Exchange Server 5.5, do the following:

● Ask your system administrator to activate Rich Text Format (RTF) and TNEF support for your account.

With TNEF enabled, your messages that are included in other messages as attachments are not received, and you cannot know if a message has an attachment until you get the full copy. In addition, download time may be longer.

● Change e-mail download options if your account is not set up to receive attachments.

After you are set up to receive meeting requests, do the following:

1. Press the **Action** button to open the meeting request you received.

2. Press **Accept**. If you want, you can also include a message with the response. The response is sent the next time synchronize or connect to your e-mail server, and your device calendar is updated.

Creating or Changing a Signature

1. Press **Start > Outlook E-mail**.

2. Press **Menu > Tools > Options**.

3. Press **Signatures** and scroll to select the account for which you want to create or change a signature.

4. Select the **Use signature with this account** check box if it is not already selected.

5. Select the **Include when replying and forwarding** check box, if required.

6. Enter a signature in the box.

To stop using a signature, clear the **Use signature with this account** check box.

☼ **TIP:** You can use a different signature with each messaging account.

Using Messaging

Composing and Sending Messages

To compose a text message:

1. Press **Start > Messaging**. Select the account you want to use.

2. Press **Menu > New** and navigate to highlight the text area. Enter your text.

To send pictures/videos using MMS:

1. Press **Start > Messaging > MMS**.

2. Press **Menu > New**.

3. Scroll and select the **Insert Picture/Video…** area.

4. Press the **Action** button and navigate to add the required image.

5. Select a recipient, enter a subject and then press **Send**.

To add preset or recorded audio (except when video already exists):

1. Scroll and select the **Insert Audio…** area.

2. Press the **Action** button to open the **Audio** folder and navigate to select a required audio clip.

3. Press **Select** to attach the audio clip.

☼ **TIP:** If you are working offline, e-mail messages are moved to the Outbox folder and are sent the next time you connect.

Replying or Forwarding a Message

1. Press the **Action** button to open the selected message, and then press **Menu > Reply**, **Reply All**, or **Menu > Forward**.

2. Enter your response. To quickly add common messages, press **Menu > My Text** and navigate to select a required message.

3. Press **Send**.

📝 **NOTE:** You can also use the voice commander to reply to any message. Use HP Voice Reply to reply using an audio e-mail message.

Adding an Attachment to a Message

1. In an opened message, press **Menu > Insert**.

2. Select the item you want to attach: Picture, Voice Note, or File.

📝 **NOTE:** Embedded objects cannot be attached to messages.

Downloading Messages

The manner in which you download messages depends on the type of account you have:

1. To send and receive e-mail for an Outlook e-mail account, begin synchronization through ActiveSync.

2. Text messages are automatically received when your HP iPAQ is switched on. When your HP iPAQ is switched off (in flight mode), messages are held by your service provider until the next time your HP iPAQ is turned on.

💡 **TIP:** By default, messages you send are not saved on your device to help conserve memory. If you want to keep copies of sent messages in your Outlook e-mail messaging list, press **Menu > Tools > Options > Message**, and select the **Keep copies of sent items in Sent folder** check box. If your account is an IMAP4 account, press **Menu > Folders** and navigate to select the **Sent Items** folder check box. Press **Sync** to synchronize this folder.

Downloading Messages from a Server

1. On the message list, press **Menu > Tools > Switch Accounts** and select the account you want to use.

2. Press **Menu > Send/Receive**. The messages on your device and e-mail server are synchronized: new messages are downloaded to the device Inbox folder, messages in the device Outbox folder are sent, and messages that have been deleted from the server are removed from the device Inbox folder.

Windows Live Messenger

You can use MSN Messenger on your phone to send instant messages. MSN Messenger provides the same chat environment as of the MSN Messenger on your computer.

With the MSN Messenger feature, you can:

- Send and receive Instant Messages.

- Change your own status or view the status of others on your list.

- Invite others for a chat conversation.

- Block certain contacts from seeing your status or sending you messages.

To use MSN Messenger, you need a Microsoft.NET Passport account unless you already have a Hotmail account. To set up a Microsoft.NET Passport account, go to http://www.passport.net. After you have an account, you can use your HP iPAQ MSN Messenger feature.

Signing In and Out of Messenger

Press **Start > More > Messenger** to open MSN Messenger feature.

To sign into the Messenger:

1. Press **Sign In** after navigating to a required sign-in status.

2. Enter your information in the **Sign-in** and **Password** box. Press **Sign In**.

To sign out of the Messenger:

▲ Press **Menu > Sign Out** to sign-out of MSN Messenger.

If you do not sign out of MSN Messenger, you remain on a data connection, which may result in additional charges from your service provider. The session will not time out or end unless one of the following occurs:

- User ends instant messenger session

- User "Accepts" an incoming voice call

- An outgoing voice call is placed

- The device is turned off or moves out of range

Sending Instant Messages

You can send Instant Messages from your MSN Messenger to contacts on your messenger list.

To send Instant Messages:

1. Select the person to whom you want to send an Instant Message and press **Send**.

2. Enter your message, and press **Send**.

You can also manage your contacts and control their visibility.

To manage contacts in the MSN Messenger:

- Press **Menu > Add New Contacts** to create a new contact.

- Press **Menu > Contact Options > Delete** to delete an existing contact.

- Press **Menu > Block/Unblock** to block or unblock the selected contact from seeing your status and sending you Instant Messages.

📝 **NOTE:** Press **Menu > My Text** to add common messages when composing instant messages. Press **Menu > Invite** to invite a contact to an ongoing chat. You can also see who is already talking to you or change between chats by pressing **Menu > Chats**.

Changing Your Status

You can change your status on MSN Messenger according to your need. To change your status:

1. Press the **Action** button to select your name in the contact list.

2. Press **Menu > Change Appearances**, and navigate to select the required status.

10 Calendar

Keeping Track of Appointments

You can keep a track of your appointments in various views:

1. In **Agenda View**, you can keep track of appointments for the current date.

2. In **Week View**, you can also keep track of appointments in a week.

3. In **Month View**, you can also keep track of appointments in a month.

📝 **NOTE:** You can select the type of views you want from the **Menu** options.

Creating an Appointment

To create an appointment on your calendar:

1. Press **Start > Calendar**.

2. Press **Menu > New Appointment**.

3. Enter your schedule for an appointment.

4. Press **Done**.

Updating an Appointment

To update an appointment on your calendar:

1. Press **Start > Calendar**.

2. Select and open the appointment, and then press **Menu > Edit** to make your changes.

3. Press **Done**.

Canceling an Appointment

When you delete an appointment in calendar on your HP iPAQ, it is also deleted on your computer the next time you synchronize. If the appointment has not been synchronized with a computer, it will be deleted only from your HP iPAQ.

1. Press **Start > Calendar**.

2. In **Agenda View**, select and open the appointment to delete.

3. Press **Menu > Delete**.

4. Press **Yes** to delete the appointment, or press **No** to keep it.

📝 **NOTE:** Calendar items can be deleted only from **Agenda View** or from an open calendar appointment. To delete from Week and Month views, open the appointment, and press **Menu > Delete**.

☼ **TIP:** You can also press **Start > Calendar**, select the appointment to delete and press **Menu > Delete Appointment**.

Changing the Display of the Work Week

You can customize your calendar for a work week to start on Sunday or Monday. You can schedule your calendar for a five to seven-day week.

To change the display of the work week:

1. Press **Start > Calendar**.

2. Press **Menu > Tools > Options** and do one or both of the following:

   - To specify the first day of the week, select **Sunday** or **Monday** in the **First day of week** box.

   - To specify the number of days to appear in a work week, select **5-day week**, **6-day week**, or **7-day week** in the **Week View** box.

3. Press **Done**.

11 Contacts

Adding a Contact

1. Press **Start > Contacts**.

2. Press **New** to add a new contact.

3. Select **Outlook Contact** or **SIM Contact** type.

4. Enter the information.

5. Press **Done**.

☼ **TIP:** Select **Outlook Contact** type to enter more information about contact.

Deleting a Contact

1. Press **Start > Contacts**.

2. Select the contact you want to delete.

3. Press **Menu > Delete Contact**.

4. Press **Yes** to delete the contact, or press **No** to keep it.

Changing Contact Information

You can include a nickname, job title, or any other information, for an existing contact.

1. Press **Start > Contacts**.

2. Select the contact.

3. Press **Menu > Edit** and make your changes.

4. When finished, press **Done**.

Copying a Contact

1. Press **Start > Contacts**.

2. Select the contact you want to copy.

3. Press **Menu > Copy Contact**.

4. Select the copy of the contact to make your changes.

5. Press **Menu > Edit**.

6. Change the contact information as needed and press **Done**.

📝 **NOTE:** The displayed category is automatically assigned to the new contact.

Adding a Photo

To add a photo to contact information:

1. Press **Start > Contacts**.
2. Select the contact.
3. Press **Menu > Edit**.
4. Select **Picture**.
5. Do one of the following:
   - Select the photo you want to add
   - Select **Camera** and take a photo
6. Press **Done**.

Sending an E-mail Message to a Contact

1. Press **Start > Contacts**.
2. Select and open the contact you want to send a message to.
3. Select the address you want to send a message to and press **E-mail**.
4. Select the account you want to send the message from.
5. Enter your message and press **Send**.

📝 **NOTE:** To quickly add a contact's address to a new message, select the **To**, **Cc**, or **Bcc** line, and press **Menu > Add Recipient**. Select the contact you want to send the message to and choose the address.

Sending a Text Message to a Contact

1. Press **Start > Contacts**.
2. Select and open the contact you want to send a message to.
3. Select **Send text message** and press **Text**.
4. Enter your message. To quickly add common messages, press **Menu > My Text** and select a desired message.
5. Press **Send**.

If you are working offline, e-mail messages are moved to the Outbox folder and are sent the next time you connect.

If you are sending a text message and want to know if it was received, before sending the message, press **Menu > Message Options**. Select the **Request delivery notification** check box and press **Done**.

Adding and Removing a Picture

To add a picture to the contact information:

1. Press **Start > Contacts**.
2. Select the contact.

3. Press **Menu > Edit**.

4. Select **Picture**.

5. Do one of the following:

   - Select the picture you want to add.

   - Select **Camera** and take a picture.

6. Press **Done**.

To remove a picture from the contact information:

1. Press **Start > Contacts**.

2. Select the contact.

3. Press **Menu > Edit**.

4. Press **Menu > Remove Picture**.

5. Press **Yes** to remove the picture, or press **No** to keep it.

Working with the Contact List

There are several ways to use and customize the contact list. Here are a few tips on how to make it work for you.

1. Press **Start > Contacts**.

2. In the contact list, do any of the following:

   - To search for a contact by entering a name or number, or by using the alphabetical index, enter the name or number into the **Name** view.

   - To see a list of contacts employed by a specific name or company, press **Menu > View By > Name or Company**.

   - To see a summary of information about a contact, press the contact. From there, you can also make a call or send a message.

   - To see a list of available actions for a contact, press and hold the contact.

12 Applications

Enjoy with your HP iPAQ by listening to your favorite MP3 music using Windows Media Player. You can also record voice clips to be sent as an attachment to family and friends. Use MS Office applications to view presentations, spreadsheets, and documents.

Using HP Applications

Using HP Voice Reply

You can use HP Voice Reply to reply to your e-mail messages or compose a new e-mail. You can either do a reply to all, just reply to the sender, or forward a message. Use HP Voice Reply with your Outlook account as well as the POP3 and IMAP4 accounts from your HP iPAQ.

You can access HP Voice Reply in three different views:

- **List View** – While reviewing a list of messages in the Inbox.

- **Read View** – While reading a particular message from the list of messages in the Inbox.

- **Compose View** – While composing a new e-mail message, replying to an e-mail message, or forwarding an e-mail message.

To use HP Voice Reply:

1. When composing a new e-mail message or replying or forwarding a message, press **Menu > HP Voice Reply** to select either of the following options:

   - **Reply to Sender** – To send your reply only to the recipient who initially sent you the e-mail message.

   - **Reply to All** – To send your reply to all the recipients of the initial e-mail message.

   - **Forward** – To forward the initial e-mail message with your reply to any recipient.

   NOTE: The three submenu options: **Reply to Sender**, **Reply to All**, and **Forward** are available under the List and Read views.

2. Next, in the recording window, press **Record** to record your message.

   NOTE: If you are in Compose view, press **Menu > HP Voice Reply** to go to the recording window directly.

3. Press **Stop** when you finish recording your message. You can do one of the following after you finish recording:

   - Press **Done** to attach and send your recorded message.

   - Press **Menu > Play** to review your recorded message. Press **Done** to attach and send the message.

   - Press **Menu > Record** to re-record the message. Press **Done** to attach and send the message.

   - Press **Cancel** to cancel the recording and exit the recording window.

4. The recorded message is automatically attached to your e-mail.

5. Enter any short text message if required. You may also make changes to the editable fields in the e-mail.

6. Press **Send** to send the message to the recipient.

HP iPAQ Setup Assistant

Use HP iPAQ Setup Assistant to simplify configuring settings on your HP iPAQ.

HP iPAQ Setup Assistant lets you save the settings on your computer. This can help you restore configuration settings on your HP iPAQ at any time. HP iPAQ Setup Assistant also allows you to perform a factory reset on your HP iPAQ and view detailed product information.

Using HP iPAQ Setup Assistant, you can manage multiple configurations and apply them quickly to your HP iPAQ. You can create a new configuration, modify existing settings, delete a selected configuration, or apply selected settings to your HP iPAQ.

Select the following tabs to configure your settings:

- **Owner Information** – Enter your identification information and notes to describe you and your HP iPAQ. This is helpful if you lose your HP iPAQ.

- **Wireless Network** – Wireless Network settings describe the configuration needed to connect to your work, home, or other wireless network.

- **Proxy** – Proxy servers are located between two networks and are used to help prevent an attacker from invading a private network. You can enter proxy settings to specify the proxy configuration for your network.

- **E-mail** – E-mail settings describe the configuration required to connect to and check your Internet e-mail accounts.

- **Exchange Server** – Exchange Server is used to access e-mail, calendars, contacts, tasks, and other mailbox contents while on the go. You can set up Outlook on your HP iPAQ to synchronize directly with your organization's Exchange Server.

- **VoIP** – Voice over Internet Protocol (VoIP) routes voice conversations using an IP-based network. VoIP to VoIP phone calls to any provider are typically free. SIP Proxy servers are used to implement call-routing policies and provide features to users.

- **Speed Dial** – HP iPAQ Setup Assistant helps you to create and manage a list of speed dial numbers for your HP iPAQ.

  NOTE: The first speed dial entry is usually reserved for Voice mail by your phone service provider, and your service provider may also reserve an entry for emergency response.

- **Browser Favorite** – Use your HP iPAQ Setup Assistant to create and manage a list of your favorite URLs. You can access these URLs using the Internet Explorer on your HP iPAQ.

- **Finish** – In case of a new configuration, after you click **Finish**, enter a configuration name and an optional password and then click **OK** in the save configuration. If this is an existing configuration, the existing name and password will be used.

Voice Commands

Use voice commands to look up contacts, dial a contact by name, get calendar information, play and control your music, as well as launch applications on your HP iPAQ.

Press the **Voice Commander** button to launch the voice commander application. Wait for the audio cue to say **Say command**, and then begin saying a command into the microphone.

To…	Say…
Call a contact saved in the contact list	**Call** followed by the name or by speaking the 7 digit or 10 digit number without a pause
Find a contact saved in the contact list	**Find** followed by the name of the contact
To call numbers not stored in the contact list	**Digit Dial** followed by the digits in the number, **Redial** to redial the number, and **Callback** to call the last dialled number
	Important! The **Digit Dial** feature may not be available in all regions.
To play, pause, and/or resume music	**Play Music/Pause/Resume**
To play an existing music file	**Play** followed by the name of the music file
To play the previous or the next song in the playlist	**Previous/Next**
To open an application	**Start** followed by the application name
View appointments	**<Today's/Tomorrow's/This Week's appointments>** to list the appointments for the day, next day, or the present week
Read messages, e-mails, check call history	**Read<SMS/E-mail>/Call history**
View time	**What is the time?**
View the different set of commands	**What can I say?**
To close Voice Commander application	**Goodbye**
To compose an e-mail	**Compose Email To (Contact)**
To compose an audio e-mail	**Compose Audio E-mail to (Contact)** to start recording an audio message
To change profiles	**Set** followed by the name of the profile to set the profile
To dial a number using speed dial	**Speed Dial** followed by the digit assigned to the number
To record an audio note	**Start Recording** to open the voice recorder and start recording
To see all reminders	**Reminder**
To schedule a call	**Schedule A Call To (Contact)** to call a contact

HP iPAQ Shortcuts

Using HP iPAQ Shortcuts

Use **HP iPAQ Shortcuts** to access a list of shortcuts to your favorite applications or features on your HP iPAQ. You can edit the default shortcuts list or create new shortcuts and store them in the existing list.

To use HP iPAQ Shortcuts:

1. From the **Home** screen, press **Shortcuts**.

2. Scroll to the application you want to use.

3. Press the **Action** button or **Select** to select the application.

Editing HP iPAQ Shortcuts

You can change the default shortcuts and assign different applications.

To edit a shortcut:

1. Scroll to the shortcut you want to edit in **HP iPAQ Shortcuts** list and press **Menu > Edit**.

2. To change the default shortcuts to different applications, scroll to **Select new target** and press the **Action** button.

3. Select **Tasks**, **Programs**, **Web Links**, or **File** and press **Select** or the **Action** button.

4. Select an application for which you want to create a shortcut.

5. The selected application is shown on the **Edit** screen in the **Shortcut name** box. Press **Save** to save the application shortcut in the shortcut list.

    📝 **NOTE:** To modify the name, specify a new name in the **Shortcut name** box and press **Save** to save the modified name.

Task Manager

1. Press **Start > Accessories > Task Manager**.

    ☼ **TIP:** You can also press **Start > Accessories > Resource Manager > Menu > Task Manager**.

2. From the **Application** list, select the program you want to close, and press **Menu > Kill**, or press **Kill All** to close all open programs.

HP iPAQ DataConnect

You can use the HP iPAQ DataConnect application to automatically configure your GPRS settings according to the service provider and the country in which your HP iPAQ is being used.

To configure GPRS using HP iPAQ DataConnect:

1. Press **Start > More > Accessories > HP iPAQ DataConnect**.

2. Follow the onscreen instructions to complete the process of setting up GPRS using your HP iPAQ DataConnect.

HP iPAQ Tips

Use **HP iPAQ Tips** to perform operations on your HP iPAQ in a quick and efficient manner. A tip is displayed on your screen every time you switch on your HP iPAQ. Press **Next** to display the next tip. To exit the application, press **Menu > Exit**. You can also access **HP iPAQ Tips** by pressing **Start > More > Accessories > HP iPAQ Tips**.

HP iPAQ QuickStart Tour

HP iPAQ QuickStart Tour is a fun way to learn more about your HP iPAQ. It provides basic information about the tasks and activities you can perform using your HP iPAQ. You can try each feature as you go through this tutorial. You can return to the same position in the QuickStart tour by simply selecting **Start > More > HP iPAQ QuickStart Tour**.

Using Windows Media MP3 Player

Press **Start > More > Windows Media** to open the windows media player.

Using Windows Media 10 series, you can play media audio and video files, and MP3 audio files stored on your phone or memory card. It supports three different display screens:

- **Play (default)** screen – To display the **Play** screen, navigate to a file you want to play or select a folder and press the **Action** button.

- **Now Playing** screen – To display the **Now Playing** screen, press **Now Playing** from the **Play** screen.

- **Library** screen – To display the **Library** screen, press **Menu > Library > My Device (HP iPAQ)** or **Memory**.

NOTE: Press **Menu > Update Library** to search for folders on your HP iPAQ or memory card and add the folders to the **Library** screen.

To create a new playlist:

1. On the **Library** screen, press **Menu > Open File**.

2. Navigate to the required media file, and press **Menu > Queue Up** to add the media file in the **Now Playing** screen.

3. Press **Menu > Now Playing** to go to the **Now Playing** screen.

4. Press **Menu > Save Playlist** to save the list of media files on the **Now Playing** screen.

NOTE: Navigate the **Library** screen to select the playlist you want to delete, and then press **Menu > Delete From Library**.

To play a streaming media file on the web:

1. On the **Library** screen, press **Menu > Open URL**.

2. Enter the **URL** for streaming file, and press **OK**.

To play media files:

1. Navigate to a file you want to play or select a folder, and press the **Action** button.

2. On the **Play** screen, press **Menu > Play/Pause** to play or pause the media file.

3. Press **Menu > Stop** to stop the currently playing media file.

NOTE: On the **Play** and **Now Playing** screen, press **Menu > Shuffle/Repeat** to play all the files in the playlist randomly or repeatedly.

You can play your media files by using the voice commander application on your HP iPAQ.

1. Press the **Voice Commander** button on your HP iPAQ.

2. Hold your HP iPAQ 10 cm away from your face and say **Play Music (Media File Name)** to play the media file.

NOTE: The **Play Music** voice command will only play media files present in a playlist.

NOTE: Press the **Voice Commander** button and say **Pause Resume Music** to pause or resume the media file.

Using Voice Recorder

You can use the voice recording feature of your HP iPAQ to record voice clips, and use them as a voice note in your e-mails or MMS.

To record voice clips:

1. Press **Start > More > Voice Recorder**.

2. Press **Record** to start recording a voice clip. Press **Menu > Play** to play the recorded voice clip.

3. To delete or rename the voice clip, press **Menu > Rename/Delete**.

4. Press **Menu > Set as Ringtone** to set the voice clip as your HP iPAQ ringtone.

Using MS Office Applications

To use MS Excel applications:

1. Press **Start > More > Office Mobile > Excel Mobile**.

2. Navigate to select the file, and then press the **Action** button to open the file.

3. Press **Menu > Edit Mode** to edit.

4. Press **Menu > Save As** and enter the name. Select the location for the file and press **Save**.

To use MS Word applications:

1. Press **Start > Office Mobile > Word Mobile**.

2. Navigate to select the file, and then press the **Action** button to open the file.

3. Press **Menu > Edit Mode** to edit.

4. Press **Menu > Save As** and enter the name. Select the location for the file and press **Save**.

To use MS PowerPoint applications:

1. Press **Start > Office Mobile > PowerPoint Mobile**.

2. Navigate to select the file, and then press the **Action** button to open the file.

3. Press **Menu > Edit Mode** to edit.

4. Press **Menu > Save As** and enter the name. Select the location for the file and press **Save**.

File Management

Press **Start > More > File Manager** to explore the file manager.

To view your files and folders, use:

- **Tree View**: Displays the entire file structure in your phone memory. The functions in **Tree View** primarily focus on folder management.

- **List View**: Displays the selected folder and its sub-folders and files. The functions in **List View** are basically file-oriented.

To delete a file/folder:

1. Navigate the **Tree** or **List** view to select the file to be deleted, and press **Menu > File > Delete**.

2. Press **Yes** to delete.

To copy/paste a file/folder:

1. Navigate the **Tree** or **List** view to select the file to be copied, and press **Menu > File > Copy To**.

2. Navigate the **List** view to select the destination folder, and press **Menu > Paste** to paste the file.

To create shortcut:

1. Navigate the **Tree** or **List** view to select the file for which you want to create a shortcut, and press **Menu > File > Create Shortcut**.

2. Navigate the **Tree** or **List** view to select the destination folder to save the shortcut in and press **Done**.

Playing Games

Playing Bubble Breaker

The objective of Bubble Breaker is to have balls (more than one) of the same color deleted from the screen. The fewer balls you leave behind, the higher your score will be.

To start a new game:

1. Press **Start > More > Games > Bubble Breaker**.

2. Press **Menu > New Game** to open a new game of Bubble Breaker.

3. Press **Menu > Statistics** to select a style to display relative entries.

4. To edit the settings for the game, press **Menu > Options**.

📝 **NOTE:** To recall the balls you deleted, press **Menu > Undo**.

To play a game:

1. Press **Start > More > Games > Bubble Breaker**.

2. Press **Menu > New Game** to open a new game of Bubble Breaker.

3. Scroll and select a ball which is of the same color as the other balls around.

4. Press the **Action** button twice to delete the balls from the screen.

Playing Solitaire

The objective of Solitaire is to use all the cards in the deck to build up four suit stacks in ascending order, beginning with the aces. You win the game when all cards are on the suit stacks.

To play a game:

1. Press **Menu > More > Games > Solitaire**.

2. Press the number or character above the card stack displaying the card you want to move, and press the number or character above the card stack to which you want to move the card.

3. Move any aces on the seven stacks to the four card spaces at the top of the screen, and then make any other available plays.

📝 **NOTE:** Press the **Navigation Key** up to move a card to one of the four card stacks on the upper right corner of the screen if it belongs there. The card that is faced up on the four card stacks is always available for play.

4. When you have made all the available plays, press **Draw** to turn over cards.

Internet Explorer

Use Internet Explorer Mobile to view and download web pages as well as browse Web sites through synchronization, or when connected to the Internet. The HP iPAQ DataConnect application detects the network settings and lets you connect to Internet Web sites.

To open a link using favorite page:

1. Press **Start > Internet Explorer** to open the Internet Explorer Mobile favorites.

2. Navigate the favorite list and press **Go** to open the desired link.

3. Press the **Back** key to go to the previous page.

To open a link using home page:

1. Press **Start > Internet Explorer** to open the Internet Explorer Mobile favorites. Press **Menu > Home Page** to go the home page.

2. Enter the link you want to connect to and press the **Action** button.

3. Press the **Back** key to go to the previous page.

4. Press **Menu > Favorites** to list all your favorite sites and press **Menu > Add To Favorites** to add a new URL in your favorites list.

5. Press **Menu > History** to display the history.

NOTE: Press **Menu > Options** to change General, Connections, and Memory settings.

13 Storage Cards

Using Storage Cards

Use optional storage cards for:

- Expanding the memory of your HP iPAQ

- Adding functionality

NOTE: Storage cards must be purchased separately and are not included with your HP iPAQ.

To locate information about storage cards, visit http://www.hp.com/accessories/ipaq.

Inserting a Storage Card

To insert a storage card into the storage slot on the HP iPAQ:

1. Locate the storage card slot on the side of your HP iPAQ.

2. Open the protective cover.

3. Insert the storage card into the storage card slot and push the connection edge of the card firmly into the storage card slot.

NOTE: If your storage card is not recognized, follow the card manufacturer's instructions to install it.

If you have trouble inserting a storage card, try the following:

- Make sure the label is facing down.

- Make sure you are not inserting the card at an angle.

- Make sure you insert the connection area (the metal area) first.

Removing a Storage Card

To remove a Micro Secure Digital (Micro-SD) storage card from the storage slot on the HP iPAQ:

1. Close all programs that are using the storage card.

2. Remove the card from the storage card slot by **lightly pushing on the card** to unlock it.

3. When the card disengages and pops out, pull it from the storage card slot.

Viewing Content of a Storage Card

Use File Explorer to view the files that are located on your optional storage card.

1. Press **Start > File Manager**.

2. Navigate to select the Memory Card folder to see a list of files and folders.

If the HP iPAQ does not recognize your storage card, try the following:

- Make sure you have firmly pushed the storage card into the storage slot.
- Make sure to install any drivers that came with the storage card.

14 Synchronizing

Copying (or Transferring) Files

You can copy (transfer) files to and from your computer using **Explore** in **ActiveSync** and **Windows Explorer**.

To copy (transfer) files:

1. Connect your HP iPAQ to your computer via the mini-USB synchronization cable.

2. On your computer, select **Start > Programs > Microsoft ActiveSync**.

3. Select **Explore**.

4. Double-click **Mobile Device**.

5. On your computer, right-click the **Start** menu, and select **Explore**.

6. Locate the file to be moved.

   📝 **NOTE:** You cannot copy pre-installed files or system files.

7. Drag and drop your files between your HP iPAQ and your computer. ActiveSync converts the files so that they can be used by the Office Mobile programs, if necessary.

Move your files directly into My Documents on your HP iPAQ (or into a folder inside My Documents), so the programs on your device can locate them.

Migrating Data from Palm Desktop to Microsoft Windows Mobile 6.0 Standard

If you used a Palm Operating System (OS) based device before purchasing your HP iPAQ, you need to migrate your data from the Palm Desktop software to Microsoft Windows Mobile 6.0 Standard.

To migrate data from Palm Desktop to Windows Mobile 6.0 Standard:

1. Make sure you have Microsoft Outlook 98 or a higher version installed on your computer.

2. Insert the Companion CD that came with your Palm unit into your computer's CD-ROM drive. From the **Discover Your Handheld screen**, select **Install Microsoft Conduits**. Alternatively, you may reinstall the Palm Desktop software. During the configuration process, select **Synchronize your handheld with Microsoft Outlook and Palm Desktop software**.

   📝 **NOTE:** Microsoft Outlook must be set as your default e-mail program to properly synchronize with the Palm Desktop software. If you need to change your settings, open Microsoft Outlook, then click **Tools > Options > Other** tab and check the **Make Outlook the default program for E-mail**, **Contacts**, and **Calendar** check box. Click **Apply > OK**, and then restart your computer.

3. Use the HotSync software located on the Companion CD that came with your Palm unit to synchronize your Palm information with Outlook. Refer to the instructions that came with your Palm unit for help installing or using HotSync.

4. When Outlook is synchronized with your Palm device, uninstall HotSync from your computer. Click **Start > Control Panel >** double-click **Add or Remove Programs**. Select **Palm Desktop**, then click **Remove**. Follow the onscreen instructions.

5. Insert the **Getting Started CD** into your computer's CD-ROM drive and follow the onscreen instructions to install **ActiveSync** on your computer and create a partnership between your HP iPAQ and your computer.

Wireless Synchronization Cost Saving Tips

How you manage the cost of synchronizing without wires from your HP iPAQ depends on your priorities.

To	Do this
Reduce network connection or data transfer costs	Increase the time between scheduled synchronizations, or synchronize manually. Check the details of your rate plan.
Extend battery life	Schedule synchronization less frequently or synchronize manually.
Keep your information up to date	During periods of high mail volume, schedule synchronization at regular but frequent intervals. During periods of low mail volume, schedule synchronization as items arrive.

NOTE: The device power-down timer is reset each time you synchronize. If you schedule a synchronization interval that is smaller than the time interval set for the device to automatically power down, the device never turns off to save battery power.

15 Tasks

Setting the Start and Due Dates for a Task

1. Press **Start > Tasks**.

2. Select and open the task you want to set start and due dates for.

    📝 **NOTE:** To create a new task, press **Start > Tasks > Menu > New Task**.

3. Press **Edit** and do one or both of the following:

    ● Select **Start date** to enter a start date for the task.

    ● Select **Due date** to enter a due date for the task.

4. Press **Done**.

Showing Start and Due Dates in the Task List

1. Press **Start > Tasks**.

2. Press **Menu > Options**.

3. Select the **Show start and due dates** check box.

4. Press **Done**.

Marking a Task as Completed

To mark a task as completed:

1. Press **Start > Tasks**.

2. In the task list, select the task you want to complete and press **Complete** to mark a check box as completed.

To mark an open task as completed:

1. Select and open the task you want to complete.

2. Press **Edit**.

3. In the **Status** box, select the **Completed** check box.

4. Press **Done**.

16 Product Specifications

System Specifications

NOTE: Not all models described are available in all regions. For more information on specifications for your particular model, on your HP iPAQ, tap **Start > Settings > System** tab **> AssetViewer**.

System Feature	Description
Processor	TI OMAP 850
Operating System	Microsoft® Windows Mobile 6.0 Standard
Memory	128MB/64MB (NAND, ROM/RAM)
External Power	5 W maximum output AC adapter with detachable heads, voltage range 100 to 240 V switching, input current 0.2 A AC maximum, input frequency 50 to 60 Hz, output voltage 5 V DC, output current 1 A
Display	TFT Micro-reflective, 176x220 2.0", 65K Colors
LED Backlight	Multi-level brightness adjustment with power save mode
Secure Digital (SD) Slot	Supports micro SD memory
Wired Stereo Headset	3.5-mm jack with dual earbud style headset—Included in box
Antenna	Internal, Quad-Band antenna
Audio	Speaker, and one 3.5-mm stereo headset jack
Battery	1,100 mAh Li-Ion removable/rechargeable battery
Bluetooth	Bluetooth 1.2, Profiles: Headset/ Hands-free/ OBEX/ PAN/ FTP/ Serial Port/ A2DP, 10 meter range (approximately 33 feet)— High-speed, low-power, short-range wireless communication with other Bluetooth devices
Wi-Fi	Wi-Fi 802.11b/g

Physical Specifications

	US	Metric
Length	4.65 in	107.0 mm
Width	2.8 in	48.6 mm
Depth	0.71 in	16.3 mm
Weight	5.8 oz	102 g

Operating Environment

		US	Metric
Temperature	Operating	32° to 104°F	0° to 40°C
	Non-operating	-4° to 140°F	-20° to 60°C
Relative Humidity	Operating	85% RH	85% RH
	Non-operating	0%	0%
Maximum Altitude	Operating	0 – 15,000 ft	0 – 4572 m
	Non-operating	0 – 40,000 ft	0 – 12192 m

17 Regulatory Notices

Federal Communications Commission Notice

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 to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or television technician for help.

This PDA has been tested and demonstrated compliance when Bluetooth and WLAN are transmitting simultaneously. This PDA must not be co-located or operating in conjunction with any other antenna or transmitter.

Modifications

The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by HP may void the user's authority to operate the equipment.

Cables

To maintain compliance with FCC Rules and Regulations, connections to this device must be made with shielded cables having metallic RFI/EMI connector hoods.

Declaration of Conformity for Products Marked with the FCC Logo (United States Only)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following 2 conditions:

1. This device may not cause harmful interference.

2. This device must accept any interference received, including interference that may cause undesired operation.

If you have questions about the product that are *not* related to this declaration, write to

Hewlett-Packard Company

P. O. Box 692000, Mail Stop 530113

Houston, TX 77269-2000

or call 1-800-HP-INVENT (1-800-474-6836)

For questions regarding this FCC declaration, write to

Hewlett-Packard Company

P. O. Box 692000, Mail Stop 510101

Houston, TX 77269-2000

or call HP at 281-514-3333

To identify your product, refer to the part, series, or model number located on the product.

Canadian Notice

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Avis Canadien

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

European Union Notice

Products bearing the CE marking comply with the following EU Directives:

● Low Voltage Directive 2006/95/EC

● EMC Directive 89/336/EEC

CE compliance of this product is valid only if powered with the correct CE-marked AC adapter provided by HP.

If this product has telecommunications functionality, it also complies with the essential requirements of the following EU Directive:

● R&TTE Directive 1999/5/EC

Compliance with these directives implies conformity to harmonized European standards (European Norms) that are listed in the EU Declaration of Conformity issued by HP for this product or product family. This compliance is indicated by one of the following conformity markings placed on the product.

- This CE marking is valid for non-telecommunications products and for EU harmonized telecommunications products, such as Bluetooth®.

$C \epsilon$

- This CE marking is valid for EU non-harmonized telecommunications products.

$C \epsilon$ XXXX*①

*If applicable, a notified body number is used. Refer to the regulatory label provided on this product.

Hewlett-Packard GmbH, HQ-TRE, Herrenberger Strasse 140, D-71034 Böblingen, Germany

The telecommunications functionality of this product may be used in the following EU and EFTA countries:

Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, and United Kingdom.

Products with 2.4-GHz Wireless LAN Devices

France

L'utilisation de cet equipement (2.4GHz wireless LAN) est soumise à certaines restrictions : cet equipement peut être utilisé à l'interieur d'un batiment en utilisant toutes les frequences de 2400 a 2483.5MHz (Chaine 1–13). Pour une utilisation en environnement exterieur, vous devez utiliser les frequences comprises entre 2454 a 2483.5-MHz (Chaine 10–13). Pour les dernières restrictions, voir http://www.art-telecom.fr.

For 2.4-GHz wireless LAN operation of this product, certain restrictions apply. This equipment may use the entire 2400-MHz to 2483.5-MHz frequency band (channels 1 through 13) for indoor applications. For outdoor use, the 2454-MHz to 2483.5-MHz frequency band (channels 10 through 13) may be used. For the latest requirements, see http://www.art-telecom.fr.

Italy

E'necessaria una concessione ministeriale anche per l'uso del prodotto. Verifici per favore con il proprio distributore o direttamente presso la Direzione Generale Pianificazione e Gestione Frequenze.

License required for use. Verify with your dealer or directly with the General Direction for Frequency Planning and Management (Direzione Generale Pianificazione e Gestione Frequenze).

Battery Warning

⚠ **WARNING!**   This HP iPAQ contains a lithium ion rechargeable battery. To reduce the risk of fire or burns, do not disassemble, crush, puncture, short external contacts, or dispose of in fire or water. Replace only with the HP spare.

⚠ **CAUTION:**   Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

Battery Recycling

HP encourages customers to recycle used electronic hardware, HP original print cartridges, and rechargeable batteries. For more information about recycling programs, visit http://www.hp.com/recycle.

Battery Disposal

⚠ **WARNING!**   When a battery has reached the end of its useful life, do not dispose of the battery in general household waste. Follow the local laws and regulations in your area for computer battery disposal.

Equipment Warning

⚠ **WARNING!**   To reduce the risk of personal injury, electrical shock, fire or damage to the equipment:

Plug the AC adapter into an AC outlet that is easily accessible at all times.

Disconnect power from the equipment by unplugging the AC adapter from the AC outlet or unplugging the synchronization cable from the host computer.

Do not place anything on the power cord or any of the other cables. Arrange them so that no one may accidentally step on or trip over them.

Do not pull on a cord or cable. When unplugging from the electrical outlet, grasp the cord by the plug or, in the case of the AC adapter, grasp the AC adapter and pull out from the electrical outlet.

Do not use converter kits sold for appliances to power your HP iPAQ.

Airline Travel Notice

Use of electronic equipment aboard commercial aircraft is at the discretion of the airline.

Medical Electronic Equipment

If you have a medical condition that requires you to use a pacemaker, hearing aid, or any type of medical electronic equipment, consult the manufacturer of the equipment to determine if the medical equipment is shielded from RF energy. Turn off your HP iPAQ in health care facilities or hospitals when there are posted restrictions requiring you to do so.

SAR Notice

THIS DEVICE MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES

Your mobile device is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) recommended by international guidelines (ICNIRP). These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit stated in the international guidelines is 2.0 W/kg*. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network.

In general, the closer you are to a base station, the lower the power output of the device. Before a phone model is available for sale to the public, compliance with the European R&TTE directive must be shown. This directive includes as one essential requirement the protection of the health and the safety for the user and any other person. The highest SAR value for this device when tested for use at the ear is 1.15 W/kg.

This device meets RF exposure guidelines when used either in the normal use position against the ear or when positioned away from the body. When a carry case, belt clip or holder is used for body-worn operation other than the HP belt clip supplied with the product, it should not contain metal.

* The SAR limit for mobile devices used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of body tissue. The guidelines incorporate a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. SAR values may vary depending on national reporting requirements and the network band.

Wireless Notices

In some environments, the use of wireless devices may be restricted. Such restrictions may apply aboard airplanes, in hospitals, near explosives, in hazardous locations, etc. If you are uncertain of the policy that applies to the use of this device, please ask for authorization to use it prior to turning it on.

U.S. Regulatory Wireless Notice

⚠ **WARNING!** **Exposure to Radio Frequency (RF) Radiation** The radiated output power of this device is below the FCC radio frequency exposure limits. Nevertheless, the device should be used in such a manner that the potential for human contact during normal operation is minimized.

To avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna should be minimized. The Wireless LAN antenna is located in the bottom front side of the HP iPAQ. The GSM antenna is located in the top back of the HP iPAQ. No metallic body accessories are allowed and 1.5 cm spacing between PDA and the body must be maintained to satisfy RF Exposure.

This PDA has been tested and demonstrated compliance when Bluetooth, WLAN, and mobile phone are transmitting simultaneously. The highest FCC SAR value for this device when tested for use at the head is 1.233 W/kg and when tested for use at the body is 1.322 W/kg. This PDA must not be co-located or operating in conjunction with any other antenna or transmitter.

Canadian Regulatory Wireless Notice

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Brazilian Notice

Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

Singaporean Wireless Notice

● Switch off your cellular telephone when in an aircraft. The use of cellular telephones in an aircraft may be dangerous to the operation of the aircraft, disrupt the cellular network, and is illegal. Failure to observe this instruction may lead to suspension or denial of cellular services to the offender, or legal action or both.

● Users are advised not to use the equipment when at a refueling point.

● Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots, chemical plants, or where blasting operations are in progress.

● The use of the Alert device to operate a vehicle's lights or horn on public roads is not permitted.

- It is advised that a handheld microphone or telephone handset should not be used by the driver while the vehicle is moving, except in an emergency. Speak only into a fixed, neck slung or clipped-on microphone when it would not distract your attention from the road.

- As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.

Japanese Notice

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。
　取扱説明書に従って正しい取り扱いをして下さい。

この機器の使用周波数帯では、電子レンジ等の産業・科学・医療用機器のほか工場の製造ライン等で使用されている移動体識別用の構内無線局（免許を要する無線局）及び特定小電力無線局（免許を要しない無線局）が運用されています。
1　この機器を使用する前に、近くで移動体識別用の構内無線局及び特定小電力無線局が運用されていないことを確認して下さい。
2　万一、この機器から移動体識別用の構内無線局に対して電波干渉の事例が発生した場合には、速やかに使用周波数を変更するか又は電波の発射を停止した上、下記連絡先にご連絡頂き、混信回避のための処置等（例えば、パーティションの設置など）についてご相談して下さい。
3　その他、この機器から移動体識別用の特定小電力無線局に対して電波干渉の事例が発生した場合など何かお困りのことが起きたときは、次の連絡先へお問い合わせ下さい。

連絡先：日本ヒューレット・パッカード株式会社　TEL：0120－014121

Wireless LAN 802.11b Devices

2. 4DS 4

Wireless LAN 802.11g Devices

2. 4OF 4

Bluetooth Devices

2 . 4 F H 1

Taiwan DGT Notice

低功率電波輻射性電機管理辦法

第十四條 經型式認證合格之低功率射頻電機，非經許可，公司、
商號或使用者均不得擅自變更頻率、加大功率或變更原
設計之特性及功能。

第十七條 低功率射頻電機之使用不得影響飛航安全及干擾合法通
信；經發現有干擾現象時，應立即停用，並改善至無干
擾時方得繼續使用。
前項合法通信，指依電信規定作業之無線電信。低功率
射頻電機須忍受合法通信或工業、科學及醫療用電波輻
射性電機設備之干擾。

Korean Notice

B급 기기 (가정용 정보통신기기)

이 기기는 가정용으로 전자파적합등록을 한 기기로서
주거지역에서는 물론 모든지역에서 사용할 수 있습니다.

Acoustics Warning

⚠ **WARNING!**   Listening to personal stereo equipment at full volume for long periods can damage your hearing. In order to reduce the risk of damage to hearing, one should lower the volume to a safe, comfortable level, and reduce the amount of time listening at high levels.

- For your own safety, headsets or earphones used with this product should comply with the headphone limits in clause 7 of EN 50332-2.

- HP recommends to use the headset delivered with your HP iPAQ (part number 430219, manufactured by Plantronics), that is in compliance to EN 50332-1.

18 Frequently Asked Questions

I am having trouble turning on my HP iPAQ. What should I do?

Your HP iPAQ appears to have problems with the battery. Please perform the following checks:

- Is the battery charged?
- Is the battery properly installed?
- Are the contacts on the battery and phone clean? If the contacts appear to be soiled, contact your dealer to get them cleaned.

I am unable to make or receive calls. How do I fix this?

If you have problems making or receiving calls, please perform the following checks:

- Is the reception of the network signal good?
- Is the network setup properly? If necessary, try to select your network manually.
- Have you activated the **Fixed Dialing**, **Call Forwarding**, and **Call Barring** functions? If yes, deactivate them temporarily.
- Are you using your HP iPAQ with other SIM cards with the **Enable SIM PIN** function activated? If yes, deactivate the function temporarily.
- Is your HP iPAQ switched to the Flight mode? If yes, turn it off.
- Are you currently located within closed boundaries? If yes, move to an open space or closer to a window.

I have trouble connecting to the Internet. What should I do?

If you have trouble connecting to the Internet, please perform the following checks:

- Make sure you have subscribed for a data service from your service operator.
- Make sure you entered correct setting parameters, such as APN and IP addresses in data profile setup.

I am unable to hear voices clearly. How do I resolve this?

You may be unable to hear to voices clearly if you turn on the in-call mute function. Turn off this function to be able to listen to voices clearly.

I cannot use certain call functions. What should I do?

To use certain advanced call functions, such as **Call Forwarding** and **Call Barring**, you may need to subscribe to these services from your service operator.

Why do I hear disturbing noises during a phone call?

You may hear disturbing noises if you use your HP iPAQ near a microwave oven, speakers, or a television set. Avoid using your HP iPAQ near such items as it has an adverse effect on the voice quality.

Why are the standby and talk time shorter at times?

Follow the guidelines given below to improve the standby and talk times on your HP iPAQ.

- The HP iPAQ may consume more power when the signal reception is poor. Try to move to an open location when you use your HP iPAQ.

- If you are using a new battery, it may take several charging and discharging cycles for the battery to reach its original capacity. Use the HP iPAQ after charging it completely.

- If your battery is very old, replace it with a new one.

- Avoid using the HP iPAQ in very high or low temperature environments. The efficiency of a battery can be effected by extreme temperature conditions.

Why does the HP iPAQ operate slowly at times?

It is recommended to have at least 1.5 to 2 MB of free memory space on your HP iPAQ for the device to operate efficiently. To check the free memory space, press **Start > Settings > More… > About**. Remember to delete or transfer old messages and pictures on your HP iPAQ to free available memory space.

Why do I see the Home screen layout error message on my HP iPAQ display screen?

You will get a **Home** screen layout error message if you did not select a **Home** screen layout. To correct this, press **Start > Settings > Home Screen** and select a layout for the **Home** screen.

I have trouble charging my battery. What should I do?

If you have trouble charging your battery, please perform the following checks:

- Is the battery charger correctly plugged into the battery charger socket on the HP iPAQ?

- Is the power cord of the charger damaged?

- Is the battery very old? If yes, replace with a new battery and try again.

I am unable to use the ActiveSync feature. What should I do?

To be able to use the ActiveSync feature, upgrade your computer to the latest version of ActiveSync. It is recommended to use ActiveSync 4.5 or a higher version. Visit http://www.microsoft.com/downloads for the latest versions.

19 Care and Maintenance

It is recommended that you follow certain guidelines to prevent possible damage to your HP iPAQ and to keep it in a good condition.

Guidelines for using your HP iPAQ

- Avoid using your HP iPAQ in dusty and extremely high or low temperature environments.
- Do not spill water on your HP iPAQ or use it in the rain.
- Avoid removing the battery without turning off your HP iPAQ in advance.
- Do not apply strong force or shock to your HP iPAQ.
- Keep the HP iPAQ and its accessories away from children.
- Do not insert metal objects into the charging/communications port of your HP iPAQ. This can short-circuit the battery and result in danger.
- Transfer your SMS messages from the HP iPAQ's memory to the SIM card memory.

Guidelines for cleaning your HP iPAQ

- Use a soft, clean, and slightly moistened cloth to clean your HP iPAQ. Do not let water come into contact with the earpiece, microphone, or the metal surface.
- Do not wipe your HP iPAQ with any corrosive liquid or coarse objects. This can damage the outer surface of your HP iPAQ.

Guidelines for carrying or storing your HP iPAQ

- Do not leave your HP iPAQ in extreme high or low temperature environments.
- Remove the battery from your HP iPAQ if it is not going to be used for a long period of time. Store the HP iPAQ and its battery in a cool, dark, and dry place.

Guidelines for using accessories

- Use original HP batteries and chargers to charge your HP iPAQ.
- Do not use your HP iPAQ battery and charger for other purposes.

Guidelines for using your HP iPAQ in public places

Turn off your HP iPAQ or switch it to silent mode when you are asked to in public places.