
14 Calendar

Access calendar

Use Calendar to schedule appointments, including meetings and other events. You can display appointments for the day on the **Today** screen.

▲ To access Calendar, tap **Start > Calendar**.

Change 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. Tap **Start > Calendar**.
2. Tap **Menu > Tools > Options...** and do one or both of the following:
 - To specify the first day of the week, tap **Sunday** or **Monday** in the **1st day of week** box.
3. To specify the number of days to appear in a work week, tap **5-day week**, **6-day week**, or **7-day week** in the **Week view** box.
4. Tap **ok**.

Set a default reminder for all new appointments

To automatically turn on a reminder for all new appointments:

1. Tap **Start > Calendar**.
2. Tap **Menu > Tools > Options... > Appointments**.
3. Select the **Set reminders for new items** check box.
4. Set the time for the reminder to alert you.
5. Tap **ok**.

Update an appointment

To update an appointment on your calendar:

1. Tap **Start > Calendar**.
2. Tap the appointment, then **Menu > Edit** to make your changes.
3. Tap **ok**.

Cancel 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. Tap **Start > Calendar**.
2. In **Agenda** view, select the appointment to delete.
3. Tap **Menu > Delete Appointment**.
4. Tap **Yes** to delete the appointment, or tap **No** to keep it.



NOTE: In other views use the Smart-Touch Navigation wheel or the 3-Way Thumb-Wheel to scroll and select an appointment, and then tap **Menu > Delete Appointment**.

15 Contacts

Create a contact

1. On the **Today** screen, tap **Contacts** or **Start > Contacts**.
2. Tap **New** and enter the contact information in **Outlook Contact** or **SIM Contact**.
3. When finished, tap **ok**.



NOTE: If your contact list has been filtered by a category when you create a contact, that category is automatically assigned to the new contact.

If most of the contacts you create have phone numbers that begin with the same area code, in the **Contacts**, tap **Menu > Options...** and enter that area code in the **Area code** box.

If you receive a call from a number that is not listed in your contacts, you can create a contact from the call history.

For more information on creating contacts, tap **Start > Help**.

Delete a contact

1. On the **Today** screen, tap **Contacts** or **Start > Contacts**.
2. Tap and hold the contact to delete.
3. Tap **Delete Contact**.
4. Tap **ok**.

Change contact information

1. On the **Today** screen, tap **Contacts** or **Start > Contacts**.
2. Tap the contact.
3. Tap **Edit** and enter the changes.
4. When finished, tap **ok**.

Copy a contact

1. On the **Today** screen, tap **Contacts** or **Start > Contacts**.
2. Tap and hold the contact you want to copy.
3. Tap **Copy Contact**.
4. Tap the copy of the contact.
5. Tap **Edit**.
6. Change the contact information as needed and tap **ok**.



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

Find a contact

1. On the **Today** screen, tap **Contacts** or **Start > Contacts**.
2. If you are not in **Name** view, tap **Menu > View By > Name**.
3. Do one of the following:
 - Begin entering a name or phone number in the provided text box until the contact you want is displayed. To show all contacts again, tap the text box and clear the text, or tap the arrow to the right of the text box.
 - Use the alphabetical index displayed at the top of the contact list.
 - Filter the list by categories. In the contact list, tap **Menu > Filter**. Then tap a category you have assigned to a contact. To show all contacts again, select **All Contacts**.



NOTE: To search for a contact by entering a name or number, or by using the alphabetical index, you need to be in **Name** view.

Send an E-mail message to a contact

1. On the **Today** screen, tap **Contacts** or **Start > Contacts**.
2. Tap the contact you want to send a message to.
3. Tap the address you want to send a message to.
4. Tap the account you want to send the message from.



NOTE: To quickly add a contact's address to a new message, tap **To**, **Cc**, or **Bcc** line, and then tap **Menu > Add Recipient**. Tap the contact you want to send the message to and choose the address, if necessary.

Send a text message to a contact

1. In the message list, tap **Menu > Go To** and select the account.
2. Tap **Menu > New**.
3. Enter the e-mail address or text message address of one or more recipients, separating them with a semicolon. To access addresses and phone numbers from **Contacts**, tap **To**.
4. Enter your message. To quickly add common messages, tap **Menu > My Text** and tap the required message.



NOTE: To enter symbols, tap **Shift** using the on-screen keypad.

5. To check the spelling, tap **Menu > Spell Check**.



NOTE: To set the priority, tap **Menu > Message Options...**

6. Tap **Send**.

If you are working offline, e-mail messages are moved to the **Outbox** folder and will be 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, tap **Menu > Tools > Options...** Tap **Accounts > Text Messages** and select **Request delivery notifications** check box.

Add and remove a picture

To add a picture to the contact information:

1. On the **Today** screen, tap **Contacts** or **Start > Contacts**.
2. Tap the contact.
3. Tap **Edit**.
4. Tap **Picture**.
5. Do one of the following:
 - Tap the picture you want to add.
 - Tap **Camera** and take a picture.

To remove a picture from the contact information:

1. On the **Today** screen, tap **Contacts** or **Start > Contacts**.
2. Tap the contact.
3. Tap **Menu > Edit**.
4. Tap **Menu > Remove Picture**.

Use the contact list

There are several ways to use and customize the contact list. You can also make a call or send a message from an open contact.

1. On the **Today** screen, tap **Contacts** or **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 **Enter a name...** box.
 - To see a list of contacts employed by a specific name or company, tap **Menu > View By > Name** or **Company**.
 - To see a summary of information about a contact, tap the contact. From there, you can also make a call or send a message.
 - To see a list of available actions for a contact, tap and hold the contact.



NOTE: To display a greater number of contacts on the screen, tap **Menu > Options...**, select the **Show contact names only** check box, and clear the **Show alphabetical index** check box.

16 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:


- WLAN
- Bluetooth
- GPRS/EDGE

All these connection types can be accessed by tapping **Start > Settings > Connections**.

iPAQ Wireless

The **iPAQ Wireless** application provides centralized control of all the wireless features available on your HP iPAQ.

To configure networks using **iPAQ Wireless**:

1. Tap the  (iPAQ Wireless) icon.
2. To customize additional settings, select the appropriate wireless network tab.
 - The **All** tab is the default tab and is used to change the status of available networks.
 - On the **Phone** tab, you can toggle the power status and access the phone and data settings. You can even view the operator network name and phone version information.



NOTE: At the bottom of the screen, the connected state of GPRS and International Mobile Equipment Identity (IMEI) number for the GSM module is displayed.

- On the **WLAN** tab, you can toggle the power status and access the WLAN and VPN & Proxy settings. You can even view the name of the access point the adapter is connected to and the version information.



NOTE: At the bottom of the screen, the IP and MAC addresses of the WLAN adapter are displayed.

- On the **Bluetooth** tab, you can toggle the power status and gain access to the Bluetooth settings and Bluetooth Manager application. You can even view the Bluetooth version information.



NOTE: At the bottom of the screen, the MAC address of the Bluetooth chip is displayed.



NOTE: The Help link on each tab takes you to the help topic specific to that particular option. You can turn off all the wireless networks by tapping **Menu > All Wireless Off**. To view version information, time stamp, and copyright notice, tap **Menu > About**.

You can disconnect or drop all the data connections available in your on your HP iPAQ. This feature can be accessed only if a data-enabled SIM and a data connection is available. Once the data is dropped, it can only be enabled from connections settings on your HP iPAQ.


WLAN

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 WLAN, you can:

- Access the Internet.
- Send and receive e-mail.
- Access corporate network information.
- Use VPNs for secure remote access.
- Use hotspots for wireless connectivity.

On the **Today** screen, tap the  (iPAQ Wireless) icon to access the WLAN features.

 **NOTE:** Use of dial-up and wireless Internet, e-mail, corporate networks, and other wireless communications, such as Bluetooth devices, might require separately purchased additional hardware and other compatible equipment, in addition to a standard WLAN infrastructure and a separately purchased service contract. Check with your service provider for availability and coverage in your area. Not all Web content might be available. Some Web content might require installation of additional software.

WLAN Terms



It is recommended that you become familiar with the following terms as you begin to use WLAN technology.

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 WLAN 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 connect to a WLAN network



When you connect to a WLAN network, the HP iPAQ automatically detects WLAN networks that are broadcasting their signal. If your WLAN network is not set to broadcast, then you have to connect to it

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



1. Tap the  (iPAQ Wireless) icon.
2. Tap the  (WLAN) icon to turn on WLAN.
3. Once your HP iPAQ detects a WLAN network, you are asked to choose if you want to connect. Select the network you want to connect to and tap **Connect**.

Manually connect to a WLAN network

A wireless network can be added manually by entering the settings information to add the network. Before trying to connect to a WLAN network, determine if authentication information is needed by contacting your network administrator.

1. Tap  (iPAQ Wireless) icon.
2. Tap the  (WLAN) icon to turn on WLAN.
3. Tap **Start > Settings > Connections > iPAQ Wireless > WLAN > View WLAN Networks > Wireless > Add New...**
4. Enter the network name.
5. Choose a connection method. Select **The Internet** to connect to the Internet through an ISP or select **Work** to connect to a company network in the **Connects to** box. You should select **Work** if the network requires a proxy server.
6. Tap **Next**.
 - To use authentication, select an 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, tap **The key is automatically provided** check box, else enter the **Network key** and **Key index**.



Find an IP address

1. Tap the  (iPAQ Wireless) icon.
2. Tap the  (WLAN) icon to turn on WLAN.
3. Connect to a network automatically or manually by tapping **Start > Settings > Connections > iPAQ Wireless > WLAN > View WLAN Networks > Network Adapters**.
4. Select a WLAN network. The WLAN IP address is displayed on the screen.

Delete a wireless network

You can delete networks you manually entered. However, you cannot delete automatically detected networks.

To delete an existing or available wireless network:

1. Tap the  (iPAQ Wireless) icon.
2. Tap the  (WLAN) icon to turn on WLAN.
3. Tap **WLAN > View WLAN Networks > Wireless**.
4. In the **Configure Wireless Networks** box, tap and hold the network you want to delete.
5. Tap **Remove Settings**.

Configure 802.1x authentication settings

Before performing these steps, determine if authentication information is needed by contacting your network administrator.

1. To manually enter information, tap **Start > Settings > Connections > iPAQ Wireless > WLAN > View WLAN Networks > Network Adapters**.
2. Select the network you want to configure.
3. For increased security, on the **Configure Network Authentication** screen, select **Use IEEE 802.1x network access control** check box and select the appropriate EAP type.

Bluetooth

Bluetooth terms

It is recommended that you become familiar with the following terms as you begin to use Bluetooth technology.

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).



Term	Definition
Profiles	Collection of Bluetooth settings.
Service discovery	Determination of which programs you have in common with other devices.

Bluetooth manager

Use Bluetooth Manager to:

- Establish connections
- Exchange business cards
- Display shortcuts

To use Bluetooth Manager:

1. Tap the  (Bluetooth) icon to turn Bluetooth on.
2. Tap the  (iPAQ Wireless) icon.
3. Tap **Bluetooth > Bluetooth Connections**. The first screen that displays is **My Shortcuts**.

When you are required to locate a device and connect to it, the Bluetooth browser searches for other Bluetooth devices.

Connect to a computer via Bluetooth

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

1. Follow the instructions in ActiveSync Help on the computer for configuring Bluetooth on your computer to support ActiveSync.
2. On your HP iPAQ, tap **Start > Programs > ActiveSync**.
3. Tap **Menu > Connect via Bluetooth**. Make sure the device and 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.
5. Tap **Sync**.
6. When finished, tap **Menu > Disconnect Bluetooth**.

 **TIP:** To preserve battery power, turn off Bluetooth.

Use your HP iPAQ as a wireless modem with Bluetooth

You can use your HP iPAQ as a wireless modem, so that you can connect your Bluetooth-enabled computer to the Internet.

1. Turn on Bluetooth on both, your HP iPAQ and your computer.
2. Make sure that your HP iPAQ is discoverable.
 - Tap **Start > Settings > Connections > Bluetooth > Mode**.
 - Select **Make this device visible to other devices** check box.

3. Place the HP iPAQ within 3 meters (approximately 10 feet) of the computer and open the Bluetooth management software provided with your computer. Refer to the computer documentation on Bluetooth and search for all Bluetooth devices.
4. Select your HP iPAQ from the resulting list and perform the necessary procedures to pair the devices via Bluetooth.
5. Once the devices are paired using the Bluetooth management software on your computer, discover the available Bluetooth services offered by the HP iPAQ and select **dial-up networking**.
6. On your HP iPAQ, tap **Accept** to complete the connection, if you are asked to do so.
7. On your computer, a user name and password screen is displayed. Contact your mobile phone service provider to obtain the appropriate username and password.
8. Enter ***99** in the dial field and tap **Talk**.



NOTE: The computer initially indicates that your HP iPAQ is dialing. After a short period of time, it displays the network is verifying the username and password. Next, the computer registers on the network and connects.

Your HP iPAQ displays a notification indicating an active connection.



NOTE: If you tap on the icon, the notification displays again, and it allows you to disconnect or re-hide the notification. The GPRS icon does not change to show when you are connected.

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)
- Basic Imaging Profile (BIP)
- Basic Printer Profile (BPP)
- File Transfer Protocol (FTP)
- Generic Access Profile (GAP)
- Hands Free Profile (HFP)
- Headset Support Profile (HSP)
- Human Interface Device Profile (HID)
- Generic Object Exchange Profile (GOEP)
- Object Push Protocol (OPP)
- Personal Area Network (PAN)
- Serial Port Profile (SPP)

Create, end, and accept a Bluetooth partnership

You can exchange information between your HP iPAQ and another device that has Bluetooth capabilities. For this, you will have to first create a Bluetooth partnership between the two devices.



NOTE: To exchange information between two Bluetooth enabled devices, make sure Bluetooth is turned on both devices. The devices need not be in the discoverable mode.

1. Make sure the two devices are turned on, discoverable, and within close range.
2. Tap **Start > Settings > Connections > Bluetooth**.
3. Tap **Add new device...** Your HP iPAQ searches for other devices with Bluetooth capabilities and displays them in the list.
4. Tap the name of the other device, and tap **Next**.
5. In **Security**, if you want to use a secure, encrypted connection (recommended for enhanced security), check this box, and tap **Next**. Otherwise, leave the **Security** field blank and tap **Next**.
6. Enter the same passkey on the other device.
7. Tap **Finish**.
8. To give the partnership a more meaningful name, tap and hold the device name under **My Shortcuts**, then tap **Rename**.

To end a Bluetooth Partnership:

1. Tap **Start > Settings > Connections > Bluetooth**.
2. Tap and hold the partnership you want to end.
3. Tap **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, tap **Yes**.
3. If a passkey is requested, enter an alphanumeric passkey between 1 and 16 characters in **Passkey** box and tap **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 **Name** box.
5. Tap **Finish**.

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 on and allows access of being discovered by other devices.



Rename a Bluetooth partnership

1. Tap **Start > Settings > Connections > Bluetooth**.
2. Tap **Current profile**.
3. Select the partnership you want to rename, and tap **Rename**.
4. In **Enter the name of the new profile** box, enter a new name for the partnership.
5. Tap **ok**.

Pair and unpair devices

You can pair devices such that they exchange a computer generated security key prior to each connection. The security key is generated from a unique Bluetooth device address, a random number, and a user-defined password. After two devices are paired, they have a trusted relationship with each other. You do not need to give any additional input. Without giving constant authorization, your connections and activities can then be performed between the paired devices.

To pair devices:

1. Tap the  (Bluetooth) icon to turn Bluetooth on.
2. Tap the  (iPAQ Wireless) icon.
3. Tap **Bluetooth > Bluetooth Connections > Menu > Paired devices**.
4. Tap **Add**, and then tap **Lookup**.
5. Tap a device name.
6. Enter a password in the **Passkey** field.
7. Tap **ok**.
8. Enter the same password into the other device.



NOTE: Some devices, such as mobile phones, need to be placed in a mode to accept a bond from another device. Refer to that device's user instructions for more information.


If you can see other devices, but you cannot connect or exchange data with them, try the following:

- Make sure the other device has not restricted your access.
- Try initiating pairing from the other device. Some Bluetooth devices can only initiate pairing and cannot respond to pairing requests from other devices.

If other devices cannot find or connect to your HP iPAQ, try the following:

- Make sure Bluetooth is turned on.
- Make sure you have not restricted other devices from finding your HP iPAQ. Refer to **Requiring a Passkey or Bond** for more information.
- Check your Bluetooth settings to make sure you have allowed your device to be discovered by others to connect.

To remove a paired relationship between devices:

1. Tap the  (iPAQ Wireless) icon.
2. Make sure that Bluetooth is already on. If not, turn on Bluetooth.
3. Tap **Bluetooth > Bluetooth Connections > Menu > Paired devices**.
4. Tap a device name.
5. Tap **Remove**.
6. Tap **Yes** to remove the pairing.

Make a device discoverable



When your HP iPAQ is discoverable, other devices with Bluetooth capabilities can detect, your HP iPAQ and attempt to beam information to it, establish a partnership, or use a Bluetooth service.

1. Tap **Start > Settings > Connections**.
2. Tap **Bluetooth > Mode**.
3. Select the **Make the device visible to other devices** check box.





NOTE: If you no longer want your HP iPAQ to be discoverable, clear the **Make the device visible to other devices** check box.

Open Bluetooth settings

1. Tap the  (Bluetooth) icon to turn Bluetooth on.
2. Tap the  (iPAQ Wireless) icon.
3. Tap **Bluetooth > Bluetooth Settings**.



Authorization to access services

If you choose to require authorization to access services, you have to authorize each connection. Your HP iPAQ always asks you if the connection should be permitted.

1. Tap the  (Bluetooth) icon to turn Bluetooth on.
2. Tap the  (iPAQ Wireless) icon.
3. Tap **Bluetooth > Bluetooth Settings > Services**.
4. Tap the service you want to enable: **File Transfer, Information Exchange, Serial Port, Personal Network Server, Hands Free, or Dial-up Networking Server**.
5. Select **Authorization required**.
6. Tap **ok**.

Use a passkey or bond



To establish a secure connection with another device, you can use the passkey feature or an established bond. You can also add data encryption to this type of security. A passkey is a code you enter to authenticate connections requested by other devices. The passkey must be known and used by both parties or the connection will not be allowed.

1. Tap the  (Bluetooth) icon to turn Bluetooth on.
2. Tap the  (iPAQ Wireless) icon.
3. Tap **Bluetooth > Bluetooth Settings > Services**.
4. Tap the service you want to enable: **File Transfer, Information Exchange, Serial Port, Personal Network Server, Hands free, or Dial-up Networking Server**.
5. Select **Authorization required** and **Authentication (Passkey) required** if you want more security.

6. Select **Encryption Required** if you want all data exchanged between the devices to be encrypted.
7. Tap **ok**.

Set a Bluetooth shared folder

You can determine the folder that other devices access when they connect to your HP iPAQ.

1. Tap the  (Bluetooth) icon to turn Bluetooth on.
2. Tap the  (iPAQ Wireless) icon.
3. Tap **Bluetooth > Bluetooth Settings > Services**.
4. Under **Bluetooth Services**, tap **File Transfer**.
5. Under **Service Settings**, select your preferred settings.
6. Tap **Advanced**.
7. Tap the **Folder** icon and locate a required file folder.
8. Tap **ok**.

Set up an incoming or outgoing Bluetooth COM port

1. Make sure your HP iPAQ is connected to the other device via Bluetooth.
2. Tap **Start > Settings > Connections**.
3. Tap **Bluetooth > COM Ports**.
4. Tap **New Incoming Port** or **New Outgoing Port**.



NOTE: **New Outgoing Port** is only available if at least one Bluetooth device supports serial (COM) connection.

5. Select a numbered COM port from the list.



NOTE: If the port cannot be created, it is in use. Select a different numbered port.

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

GPRS/EDGE

GPRS/EDGE

GPRS/EDGE technology provides a connection to the Mobile Phone Network that can be used for Web browsing, MMS messaging, or accessing your corporate network.



NOTE: EDGE is an enhancement to GPRS technology and enables higher speed data connections than GPRS. This means faster phone multimedia capabilities such as sending and receiving SMS/MMS messages, and sharing video clips. Check with your service provider to see if they support EDGE technology. If your service provider does not support the EDGE network, the HP iPAQ defaults to GPRS.

Change GPRS network settings

The first time you use your SIM Card, the GSM/GPRS Manager automatically detects the phone network and operator and sets up the GPRS connection information for you. You can change these settings to your own preference or create your own network settings.

1. Tap **Start > Settings > Connections > Phone Data Manager**.
2. If your operator name displays in the drop-down list, it is recommended that you use that connection and, if needed, edit the default settings.

Edit network parameters

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

- ▲ Tap **Start > Settings > Connections > Phone Data Manager > Edit network parameters...**

Tapping **Edit network parameters...** gives you access to the following areas:

- **Internet Connection Information** – Walks you through the different settings for GPRS and Circuit Switched Data (CSD) connections.
- **MMS Multimedia Messages** – Allows you to modify the MMS address.
- **WAP Information** – Allows you to modify the IP Address and Port for the Wireless Access Point (WAP) Gateway.

Edit an Internet connection

1. Tap **Internet Connection Information**.
2. Tap the connection you want to edit, and then tap **Next**.
3. Enter a name for the connection such as the carrier name, and then tap **Next**.
4. Enter the following information and tap **Next**:
 - **APN** – Access Point Name of the server to which you are attempting to connect.
 - **Name** – Log on for your connection.
 - **Password** – Password for your connection.
5. Tap **Next**.
6. On the next screen, choose one of the following and tap **Next**:
 - **Dynamic Internet Protocol (IP) address**
 - **Static IP address**
7. On the next screen, choose one of the following and tap **Next**.
 - **Dynamic DNS addresses**
 - **Static DNS addresses**
8. Tap **Finished**.

Edit MMS multimedia messages settings

1. Tap **MMS Multimedia Messages**.
2. Under **Enter the MMS Center Address**, enter the URL where all MMS messages are sent for delivery by your mobile phone service network.
3. Enter the following information:
 - **APN** – Access Point Name of the MMS server being connected.
 - **Name** – Log on name for the MMS server.
 - **Password** – Password for the MMS server.
4. Tap **Next**.
5. Enter the IP address and the Port number for the WAP MMS Gateway and tap **Finished**.

Edit WAP information settings

1. Tap **WAP Information**.
2. Enter the IP address and the Port information for the WAP Gateway.
3. Tap **Next**.
4. Enter the IP address and the Port information for the secure WAP Gateway.
5. Tap **Finished**.

Troubleshoot automatic detection

If the automatic network detection fails, you can manually relaunch the application by tapping **Start > Settings > Connections > Phone Data Manager > Automatic detection...**

If the automatic detection setting fails, complete one or more of the following items:

- Check to see if the SIM card is present in the HP iPAQ. If it is not present, insert the SIM card and relaunch the application.
- Ensure that the metal contacts on your SIM card and your SIM slot are not covered with a residue or dust that would inhibit a connection.
- Select the appropriate country and operator name, and then tap **ok**. The settings automatically update.
- If your operator name does not appear in the drop-down list, you must manually add it to the list by tapping the down arrow in the Operator box and tapping **Create New**.

Advanced settings

Connect 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. Tap **Start > Settings > Connections > Connections > Advanced > Exceptions...**
2. Tap **Add new URL...**
3. In **Work URL**, 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**.

Change an intranet URL

1. Tap **Start > Settings > Connections > Connections > Advanced > Exceptions**.
2. Tap the intranet URL exception you want to change, then make the required changes.



NOTE: To delete a work URL exception, tap and hold it in the list, then tap **Delete**.

Set up an automatic choice for connections

If you have already created more than one connection, you can set up your HP iPAQ to connect to the best available connection automatically.

1. Tap **Start > Settings > Connections > Connections > Tasks**.
2. Under **My ISP** or **My Work Network**, tap **Add a new modem connection** to create a new connection.
3. After you create a new connection, under **My ISP** or **My Work Network**, tap **Manage existing connections**.
4. Tap **Auto pick**.

Set up proxy server 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. Tap **Start > Settings > Connections > Connections > Tasks**.
2. If a proxy server has not been set up, tap **Set up my proxy server**, else tap **Edit my proxy server**.
3. Select the **This network connects to the Internet** and **This network uses a proxy server to connect to the Internet** check boxes.
4. In the **Proxy server** box, enter the proxy server name.
5. To change such settings as port number or proxy server type, tap **Advanced** and change the required settings.

Set up a WAP gateway

To access Wireless Access Point (WAP) sites through Internet Explorer, configure your device to use a WAP gateway.



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

- User name
 - Password
 - ISP server phone number
 - WAP gateway server name
 - Port number
1. Tap **Start > Settings > Connections > Connections > Advanced > Select Networks > Edit...** If a proxy server has not been set up, tap **New...**
 2. On the **Proxy Settings** tab, select the **This network connects to the Internet** and **This network uses a proxy server to connect to the Internet** check boxes.
 3. If necessary, in the **Proxy server** box, enter the proxy server name.
 4. Tap **Advanced > WAP**.
 5. In the **Server** box, enter the WAP gateway server name. Under **Port**, enter the port number. The most common WAP port number is 9201.
 6. Enter any logon credentials required by the WAP gateway server.

Configure advanced proxy settings

1. Tap **Start > Settings > Connections > Connections > Advanced > Select Networks > Edit...** If a proxy server has not been set up, tap **New...**
2. On the **Proxy Settings** tab, select the **This network connects to the Internet** and **This network uses a proxy server to connect to the Internet** check boxes.
3. If necessary, in the **Proxy server** box, enter the proxy server name.
4. For the appropriate server type, enter the proxy server name and port.
5. If necessary, enter the credentials for connecting with your proxy server.
6. Tap **Advanced > Socks**.
7. Select **Socks 4** or **Socks 5**. If using Socks 5, enter the credentials for connecting with your proxy server.

Advanced connection settings

1. Tap the  (iPAQ Wireless) icon.
2. Tap the  (WLAN) icon to turn on WLAN.
3. To connect to a network, tap **Start > Settings > Connections > Connections > Advanced > Select Networks**.
4. Select **My ISP** to connect to the Internet through an ISP or select **My Work Network** to connect to a company network. Select **My Work Network** if the network requires a proxy server. If you need to change or create a new network management name, tap **Edit...** or **New...**, and then tap **ok**.
5. From the **Connections** screen, tap **Advanced** to set up your Dialing Rules and Exceptions and tap **ok**.

Set up a VPN server connection

A 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. Tap **Start > Settings > Connections > Connections > Tasks**.
2. Under **My Work Network**, tap **Add a new VPN server connection** and follow the instructions in the New Connection wizard.
3. Under most circumstances, you should not change any advanced settings. However, you need to change advanced settings when:
 - The server to which you are connecting does not use dynamically-assigned addresses, and you need to enter your TCP/IP settings.
 - You need to change server DNS or WINS settings.

If either of these circumstances applies, from the **My VPN** screen, tap **Advanced** and fill in the appropriate information. Tap **ok** to save the changes and return to the **My VPN** screen.

4. To view additional information for any screen in the wizard or while changing settings, tap **Help**.

Change a connection group name

Your device is already set up with two groups of connection settings: **My ISP** and **My Work Network**. You can also change the name of these groups. For example, if you put all of your corporate settings under **My Work Network Connections**, you can change the name to your company's name.

1. Tap **Start > Settings > Connections > Connections**.
2. Under **My ISP** or **My Work Network**, tap **Add a new modem connection** to create a new connection.
3. After you create a new connection, under **My ISP** or **My Work Network**, tap **Manage existing connections**.
4. Tap **General**.
5. Enter a name for the settings group and tap **ok**.

End 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 a modem or VPN, tap **Connections > Disconnect**.
- When connected via cable, detach your HP iPAQ from the cable.

- When connected via Bluetooth, tap **Start > Settings > Connections > Bluetooth > Bluetooth Manager > Active Connection**. Tap and hold the connection name, and then tap **Disconnect**.
- When connected via a network (Ethernet) card, remove the card from your HP iPAQ.

Configure VoIP

You can make voice calls using Voice over Internet Protocol (VoIP) and SIP-enabled 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.



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

To make calls using VoIP:

1. On the **Today** screen, tap **Internet Calling**, which is off by default.
2. On the **Internet** tab, change the setting from **Never** to any other available option in the **Internet Calling** list and tap **ok**.
3. On the **Today** screen, the **Internet Calling** status changes to **Not Available**.



NOTE: **Not Available** status indicates that VoIP is turned on but not configured.

4. Configure your VoIP using **HP iPAQ Setup Assistant**.
5. Once the device is registered with the IP-PBX, the **Internet Calling** status changes to **Available** or **Selected**.



NOTE: **Available** indicates that the phone has Wi-Fi access and is registered with the IP-PBX, but the next outgoing call will be over cellular. **Selected** indicates that the phone has Wi-Fi access, is registered with the IP-PBX, and that VoIP will be used for the next outgoing call.

6. Use the keypad to enter the number you want to dial and press the  (Answer/Send) key.



NOTE: On the **Today** screen, 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** check box 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.

17 GPS navigation

Google Maps

Google Maps is a free web mapping service application and technology provided by Google that powers many map-based services. This includes the Google Maps website, Google Ride Finder, and embedded maps on third-party websites. It offers street maps, a route planner, and an urban business locator for numerous countries around the world.

Install Google Maps

To install Google Maps using synchronizing software:

1. Download the required version from <http://amp.google.com/static/mptwd/glm/windows/>.
2. Connect your HP iPAQ to the computer using the synchronizing software.
3. Copy the file on your HP iPAQ.
4. Using the File Explorer on your device, locate the CAB and install it.

To install Google Maps using device browser:

1. Download the required version from <http://amp.google.com/static/mptwd/glm/windows/>.
2. Tap **Install** after downloading the file.

Launch and navigate Google Maps

To launch Google Maps:

1. Tap **Start > Programs > Google Maps**.
2. In the **Terms and Conditions** screen, tap **Accept**.
3. In the **About** screen, tap **ok**.

To navigate Google Maps:

1. Tap **Start > Programs > Google Maps**.
2. Tap **Menu > Directions...**
3. Enter your current location in the **From Location** box and destination in the **To Location** box.
4. Tap **ok** to start the search.

Uninstall Google Maps

To uninstall Google Maps:

1. Tap **Start > Settings > System > Remove Programs**.
2. Select **Google Maps** and tap **Remove**.
3. Tap **Done** button.

18 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.

HP applications

HP Help and Support

The **HP Help and Support** application increases visibility, accessibility, and usability of the existing help, support.

To access **HP Help and Support**:

1. Tap **Start > Programs > HP Help and Support**.
2. To view additional information, tap the appropriate HTML links.
 - **Serial and Model Numbers** – displays the product's serial number, model ID, product ID, and IMEI number.
 - **HP iPAQ Quick Tips** – launches the **HP iPAQ Tips** application.
 - **Help Topics** – launches the **Help Topics** screen.
 - **Customer Support** – launches the **Customer Support** application.
 - **System Details** – launches the **HP Asset Viewer** application.



NOTE: Tap **About** to view the application name, version number, and copyright information.

HP Voice Reply

HP Voice Reply allows you to reply to your e-mail messages using your own voice. You can use **HP Voice Reply** to reply to your e-mail messages or compose new e-mail. You can use this feature while either replying to all, replying to the sender, or forwarding 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, tap **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, tap the (Record) button to record your message.
3. Tap the (Stop) button when you finish recording your message. You can do one of the following after you finish recording:
4. The recorded message is automatically attached to your e-mail.
5. Enter any short text message if required. You can also make changes to the editable fields in the e-mail.
6. Tap **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** – 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 might 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.

HP iPAQ Shortcuts

Use HP iPAQ Shortcuts

Use **HP iPAQ Shortcuts** to access a list of shortcuts to your favorite applications or features on your HP iPAQ.

To use HP Shortcuts:

1. Tap **Start > Programs > HP Shortcuts**.
2. Scroll and tap to select the application you want to use.



NOTE: You can also access the **HP iPAQ Shortcuts** from the **Today** screen by pressing the left softkey.

Edit HP iPAQ Shortcuts

You can edit the default shortcuts list or create new shortcuts and store them in the existing list.

To edit a shortcut:

1. Scroll to the shortcut you want to edit in **HP iPAQ Shortcuts** list and tap **Menu > Edit**.
2. To change the default shortcuts to different applications, tap **Select new target**.
3. Select **Tasks**, **Programs**, **Web Links**, or **File** and tap **Select**.
4. Select an application for which you want to create a shortcut.
5. The selected application is shown in the **Shortcut Name** box. Tap **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.

HP iPAQ DataConnect

The first time you use your SIM Card, the **HP iPAQ DataConnect** application automatically detects the phone network and operator and, configures the GPRS/EDGE settings. You can also launch the application and manually select the operator.

To configure the data settings:

1. Tap **Start > Settings > Connections > HP iPAQ DataConnect**.
2. Select a country and operator, and then tap **Select** to configure the network settings for the selected operator.
3. The data settings will be retrieved each time you try to connect to the Internet using GPRS.

 **WARNING!** It is not recommended to manually configure using **HP iPAQ DataConnect**.

HP Asset Viewer


Using the **HP Asset Viewer** application, you can view information about the system, integrated modules, and attached accessories.

To access HP Asset Viewer:

1. Tap **Start > Settings > System > HP Asset Viewer**.
2. To view additional system information, tap the appropriate tabs.
 - The **Identify** tab displays the serial number and the user information.
 - The **Memory** tab displays the iPAQ device memory information.
 - The **Version** tab displays the iPAQ device Version information
 - The **Display** tab displays the iPAQ device display panel information.
 - The **System** tab displays the iPAQ device system information.
 - The **Camera** tab displays the iPAQ device Camera information.
 - The **Bluetooth** tab displays the iPAQ device Bluetooth information.
 - The **WLAN** tab displays the iPAQ device WLAN information.
 - The **GSM** tab displays the iPAQ device GSM information.
 - The **GPS** tab displays the iPAQ device GPS information.

Certificate Enroller

Certificate Enroller is an enhanced security feature for retrieving and registering new certificates. This application-initiated enrollment allows you to request a user certificate from a certificate server.

 **NOTE:** **Certificate Enroller** picks up certificate types from Active Directory as well as from the device data store. You must enter a server name for retrieving the certificate, and if required, a valid username and password.

To access Certificate Enroller:

1. Tap **Start > Settings > System > HP CertEnroller**.
2. Use the on-screen keypad to enter server name, user name, and password. Tap **ok** to save the settings.

 **NOTE:** Tap **Retrieve** to initiate the transaction of downloading the certificate from the server.

3. Once the certificate is retrieved, tap **Menu > Cancel** to exit.

 **NOTE:** Tap **Menu > About** to view a brief description of the application, application name, version number, and copyright statement.

Manage certificates

1. Tap **Start > Settings > System > Certificates**.
2. Select a certificate tab.
 - The **Personal** tab displays your personal certificates.
 - The **Intermediate** tab displays the intermediate certification authorities.
 - The **Root** tab displays the root certification authorities.



NOTE: To view the certificate details, tap the required certificate on each tab.

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 turn on your HP iPAQ. Tap **Menu > Next** to display the next tip. To quit the application, tap **Dismiss**. You can also access **HP iPAQ Tips** by tapping **Start > Programs > HP Help and Support > HP iPAQ Quick Tips**.



TIP: You can also access the **HP iPAQ Tips** application by tapping **Start > Programs > HP iPAQ Tips**.

HP Voice Commander

Use **HP Voice Commander** application 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. For more information refer [Voice commands on page 24](#).



TIP: You can also access the **HP Voice Commander** application by tapping **Start > Programs**.

HP iPAQ Mobile Broadband Connect

Use **HP iPAQ Mobile Broadband Connect** to connect your computer to the Internet using your GPRS enabled iPAQ. You need to install the **HP iPAQ Mobile Broadband Connect** application, which is available on the *Getting Started* CD.




NOTE: Make sure you have installed ActiveSync 4.5 for Windows XP OS or WMDC 6.1 for Windows Vista OS on your computer before using this application.


To connect your computer to the Internet using your HP iPAQ:

1. Connect your HP iPAQ to your computer using the mini-USB synchronization cable.
2. The **HP iPAQ Mobile Broadband Connect** icon in the system tray on your computer indicating that the iPAQ has established a connection with the computer.
3. Double click on the **HP iPAQ Mobile Broadband Connect** icon in the system tray on your computer.
4. Select a valid GPRS connection from the connection list on your HP iPAQ and tap **Next** to move to DataModem state.
5. You can then access the Internet using the Internet browser on your computer.

HP Enterprise Mobility Agent (mProveDM)

Use the  **HP Enterprise Mobility Agent** to help you easily configure and manage your HP iPAQ.

Visit <http://redirect.hp.com/svs/rdr> to download and install the  **HP Enterprise Mobility Agent**.


After you install the  **HP Enterprise Mobility Agent**, the application will configure, download, and install different applications from the Internet on your HP iPAQ. This application requires WLAN connection with access to internet.

HP iPAQ File Store

You can install programs and save files to the iPAQ File Store folder, which can be accessed from the **File Explorer** on your HP iPAQ. Programs and files stored on your iPAQ File Store folder are not deleted even if you perform a full reset on your HP iPAQ.

1. Copy the files to be saved to the iPAQ File Store folder.
2. Tap **Start > Programs > File Explorer > iPAQ File Store**.
3. Tap **Edit > Paste**.

△ **CAUTION:** iPAQ File Store may contain a special folder called hp to store system files. Do not save new files or modify existing files in the hp folder.

 **NOTE:** Before saving files to the iPAQ File Store folder, it is a good idea to determine how much memory is available in the folder. To view the amount of memory, tap **Start > Settings > System > Memory > Storage Card**, and then select **iPAQ File Store** from the list.

HP PrintSmart Mobile

Use **HP PrintSmart Mobile** to print information from your HP iPAQ mobile device to a compatible printer while away from the office and whenever you need it. **HP PrintSmart Mobile** application provides printing support over Bluetooth, IR, and Wi-Fi network. It also provides printing support for various document formats including .doc, .xls, .jpg, .bmp, and .html. You can also configure various printers and manage print jobs.

For more information, refer the *Getting Started* CD.

HP Keyguard

The **HP Keyguard** application deactivates your iPAQ touch screen and keys to prevent accidental activation of the device or any of its functions.


To enable the **HP Keyguard** application, tap **Start > Settings > Buttons > Lock > Enable Keyguard > ok**.

 **NOTE:** Once the device enters standby mode, the keyguard is automatically activated.

To disable the **HP Keyguard** application, clear the **Enable Keyguard** check box and tap **ok**.

The buttons on the device do not perform their functions and the touch screen is inactive until you complete the sequence to unlock the keys. To unlock this application, follow the deactivation sequence as described on the screen.

 **NOTE:** When you receive a call, the keyguard remains active and allows you to answer the call.

NOTE: To dial an emergency number when the keyguard is active, enter the emergency number using the keypad and press the  (Answer/Send) key.

HP SecureConnect Mobile



Use **HP SecureConnect Mobile** to automatically connect your HP iPAQ to Wi-Fi hotspots or home and office networks. You need to follow an online registration process to begin using this application. All communications carried out using **HP SecureConnect Mobile** supports Cisco Compatible Extensions v1, v2, v3, and v4 (CCX) and thus gives enhanced security, mobility, quality of service, and network management.

HP iPAQ Ring Tone Manager

With **HP iPAQ Ring Tone Manager** application, you can add and remove ring tones on your HP iPAQ.

To add a ring tone:

1. Tap **Start > Settings > System > RingTones > Add**.
2. On the **iPAQ Ring Tones** screen, under **Select Ring Tones to add to your device**, all *.wav, *.mid, and *.mp3 files stored on the device are displayed.
3. Select the required ring tones, and tap **Add**.

To play the newly added ring tones, tap the  (Play) button. Use the  (Stop) button, to stop the ring tone being played.

To add a ring tone:

1. Tap **Start > Settings > System > RingTones > Remove**.
2. On the **iPAQ Ring Tones** screen, under **Select Ring Tones to be removed from your device** list, select the required ring tones,.
3. Tap **Remove**.



NOTE: You can use the **HP iPAQ Ring Tone Manager** application only to add and remove ring tones. This application lacks the ability to assign any file as a current ring tone.

HP iPAQ Audio Applet

The **HP iPAQ Audio Applet** allows you to set, adjust, and save settings for the equalizer bands. Saving the equalizer settings helps in their easy retrieval. Additionally, you can define a new mode with the desired equalizer band values.

To adjust the **Headphone Equalizer** settings:

1. Tap **Start > Settings > System > Audio Control > Equalizer**.
2. Select the **Enable Headphone Equalizer** check box to enable the equalizer controls.
3. From the **Mode** list, select the required mode.



NOTE: The equalizer settings are preset and unalterable for the predefined modes: **Flat**, **Classical**, **Rock**, **Jazz**, **Dance**, and **Vocal**.

To create a new mode:

1. Tap **New** on the **Headphone Equalizer** screen.
2. In the **Mode Name** box, enter a desired name for the new mode and tap **OK**.



NOTE: The new mode name should be different from the predefined mode names. You can modify and delete the new modes.

To access the **Microphone** settings:

1. Tap **Start > Settings > System > Audio Control > Mic**.
2. On the **Microphone** screen, deselect the **Enable AGC** check box to activate the microphone settings.



NOTE: If you enable the Automatic Gain Control (AGC), the system handles the gain level.

3. Select one of the predefined modes: **Quiet**, **Normal**, or **Noisy**.
4. Use the slider to adjust the set value of each of these modes.

Pocket Internet Explorer (PIE)

You can launch the **PIE** application from the **Start** menu. This application displays an iPAQ-customized home page with the following icons:

	iPAQ software
	iPAQ Mobile
	Windows Mobile
	iPAQ accessories
	HP shopping

Each icon is linked to its respective Web page. Therefore, the appropriate Web page opens up when you tap a desired icon.

Remote Desktop Mobile

Use the **Remote Desktop Mobile** to log on to a Windows Terminal Server. This facility allows you to use all programs installed on this server.

To connect to a Terminal Server:

1. Tap **Start > Programs > Remote Desktop Mobile**.
2. In the **Computer** box, enter a Terminal Server name or TCP/IP address.
3. Enter your user name, password, and domain in the respective boxes.
4. Tap **Connect**.

Tap **Options > Display** to set the color options, **256 Colors** or **High Color (16 bit)**. You can view the **Remote desktop display** either in the full screen mode or you can choose to fit the remote desktop to your iPAQ screen.

Tap **Options > Sound** to set the **Remote desktop sound**. You can either select to mute the sound, play the sound on the remote computer, or play the sound on your device.

Windows Media Player

Use Windows Media Player to enjoy your digital media in new ways both at home and on the go. Using Windows Media Player, you can play media audio and video files, and MP3 audio files stored on your phone or memory card.

For a complete list of features and more, visit <http://www.microsoft.com/windowsmedia>.



NOTE: Protected files are digital media files that are secured with a license to prevent unauthorized use or playback. Licenses are created and managed by using the DRM technology.

Clear the Now Playing List

Tap **Start > Programs > Windows Media** and select **Now Playing**.

The **Now Playing** playlist displays the currently playing file and any files that are queued up to play next. You can quickly remove all items from the playlist by clearing the **Now Playing** playlist.

1. If you are on the **Library** screen, select the **Now Playing** category to display the **Now Playing** screen. If you are on the **Playback** screen, select **Now Playing** to display the **Now Playing** screen.
2. On the **Now Playing** screen, tap **Menu > Clear Now Playing**.

Update a Library

In most cases, Windows Media Player Mobile automatically updates your libraries. However, you can manually update a library to ensure that it has links to any new files that you might have recently copied to your HP iPAQ or a removable storage card.

1. If you are not already on the **Library** screen, tap **Menu > Library...**
2. On the **Library** screen, tap **Menu > Update Library...**
3. Wait for the files to be added, and then tap **Done**.

Use HP Voice Commander to play media files

You can play your media files by using the **HP Voice Commander** application on your HP iPAQ.

1. Press the **HP Voice Commander** key 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 **HP Voice Commander** key and say **Pause Resume Music** to pause or resume the media file.

MS Office applications

Word Mobile

You can create and edit documents and templates in **Word Mobile**. You can also save the documents and templates as .doc, .rtf, .txt, and .dot files.

With Word Mobile, you can:

- Edit word documents and templates created on your computer.
- Open and edit Pocket Word (*.psw) documents



NOTE: If you edit a file, you will need to save it in .doc, .rtf, .txt, or .dot format.

To access **Word Mobile**, tap **Start > Office Mobile > Word Mobile**.

Options available when you tap **Menu** allow you to:

- Create a new document or edit an existing document.
- Format a document.
- Check spellings and count words in a document.
- Save, move, rename, or delete a document.
- Send a document via e-mail or Bluetooth.

Excel Mobile

You can create and edit workbooks and templates on your HP iPAQ with **Excel Mobile**.

With Excel Mobile, you can:

- View, edit, and create charts and graphics, which can be embedded as objects in a worksheet or placed on a separate worksheet.
- Enter formulas and functions, and then filter data to see the subset of information you want.
- Split panes to view different parts of a worksheet at the same time.
- Freeze the top and left-most panes in a worksheet to keep row and column labels or other data visible as you scroll through a sheet.

To access **Excel Mobile**, tap **Start > Office Mobile > Excel Mobile**.

To access options for organizing and formatting a worksheet, open a worksheet and tap **Menu**. In addition to **Cut**, **Copy**, and **Paste**, there are options in **Menu** that allow you to:

- Paste cells using **Paste Special...**
- Clear cell contents and formats applied to cells.
- Insert new cells, charts, symbols, functions, and define names in a workbook.
- Set dimensions for rows and columns. Align cells, set font and style for the text, and set cell borders.
- Create new worksheets and save, rename, or delete existing worksheets.
- Send a worksheet via e-mail or Bluetooth.

PowerPoint Mobile

Use **PowerPoint Mobile** to open and view slide show presentations created on your computer.

With PowerPoint Mobile, you can:

- Open a presentation from an e-mail message.
- Download a presentation from a file share or the Internet.
- Copy a presentation to your HP iPAQ via a storage card.



NOTE: Slide shows created in *.ppt or *.pps format with PowerPoint '97 and later can be viewed on your device.

PowerPoint features that are not supported on your HP iPAQ include:

- Notes: Notes written for slides are not visible.
- Rearranging or editing slides: **PowerPoint Mobile** is a viewer only.

To access **PowerPoint Mobile**, tap **Start > Office Mobile > PowerPoint Mobile**.

Options available when you tap **Menu** allow you to:

- Set up a slide show.
- Rename, move, delete, or create a copy of a presentation.
- Send a presentation via e-mail or Bluetooth.

Games

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. Tap **Start > Programs > Games > Bubble Breaker**.
2. Tap **New Game** to start a new game.
3. Tap **Menu > Statistics** to select a style to display relative entries.
4. Tap **Menu > Options...** to edit the settings for the game.



NOTE: To recall the balls you deleted, tap **Menu > Undo Move**.

To play a game:

1. Tap **Start > Programs > Games > Bubble Breaker**.
2. Tap **New Game** to start a new game.
3. Scroll and select a ball which is of the same color as the other balls around.
4. Tap the selected balls twice to delete the balls from the screen.

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. Tap **Start > Programs > Games > Solitaire**.
2. Tap **Menu > New Game** to start a new game.
3. Tap and hold the card you want to move and drag it to the card stack to which you want to move the card.
4. 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.

5. Tap a card twice to move it to the four card stack on the upright corner of the screen if it belongs there. The card that is faced up on the four card stacks is always available for play.
6. When you have made all the available plays, tap **Draw** to turn over cards.

Internet Sharing

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 might 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 might 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 cable. Your computer might 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: 56 K 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. Tap **Start > Programs > 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 cable and tap **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 on your synchronization software help for configuring Bluetooth on your computer.

To set up a Bluetooth modem connection:

1. Make sure that your HP iPAQ is not connected to your computer.
2. Tap **Start > Programs > 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.

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. Tap **Start > Internet Explorer** to open the **Internet Explorer Mobile**.
2. Tap **Favorites** list and tap to open the required link.
3. Tap **Menu > Favorites...** to list all your favorite sites and tap **Menu > Add To Favorites...** to add a new URL in your favorites list.
4. Tap **Menu > History...** to display the history.



NOTE: Tap **Menu > Tools > Options...** to change general, memory, and security settings.

NOTE: You can send any URL as an e-mail message by tapping **Menu > Tools > Send Link...**

You can learn more about Internet Explorer by tapping **Start > Help > Contents > Browse the Web**.

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.

Sign in and out of messenger

Tap **Start > Programs > Messenger** to open MSN Messenger feature.

To sign into the Messenger:

1. Tap **Sign in** after navigating to a required sign-in status.
2. Enter your information in the **Sign-in** and **Password** box. Tap **Sign In**.

To sign out of the Messenger:

▲ Tap **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 might 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

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

You can also manage your contacts and control their visibility.

To manage contacts in the MSN Messenger:

- Tap **Menu > Add New Contacts** to create a new contact.
- Tap **Menu > Contact Options > Delete** to delete an existing contact.
- Tap **Menu > Block/Unblock** to block or unblock the selected contact from seeing your status and sending you instant messages.



NOTE: Tap **Menu > My Text** to add common messages when composing instant messages. Tap **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 tapping **Menu > Chats**.

Change your status

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

1. Tap and select your name in the contact list.
2. Press **Menu > Change Appearances**, and navigate to select the required status.

OMA DRM Client

Placeholder – More information required.

Pocket Panel Lite

Placeholder – More information required.

SMS cell broadcast

Placeholder – More information required.

SIM Toolkit

Placeholder – More information required.

Sim Manager

Placeholder – More information required.

iPAQ power

Placeholder – More information required.

iPAQ backlight

Placeholder – More information required.

TTY

Placeholder – More information required.

19 Product specifications

System specifications



NOTE: Not all models described are available in all countries/regions. For more information on specifications for your particular model, on your HP iPAQ, tap **Start > Settings > System > HP Asset Viewer**.

System Feature	Description
Processor	Marvell PXA270 (Bulverde) 520 MHz
Operating System	Microsoft® Windows Mobile 6 Professional
Memory	128 MB/256 MB RAM/ROM
External Power	Power adapter: input 100–240 Vac, 200 mA, 50 to 60 Hz and output +5 Vdc, 1 A USB charger: 5 Vdc, 100/500 mA
Display	2.8" 240x320 TFT LCD with touch screen
SD Slot	Supports MicroSD memory
Headphone Jack	Placeholder
Antenna	Internal WLAN and Bluetooth antennas
Audio	Placeholder
Battery	1590 mAh Li-Ion removable/rechargeable battery
Bluetooth	Bluetooth 2.0, Profiles: Handsfree/ OBEX/ PAN/ FTP/ Serial Port/ A2DP, 10 m range (approximately 33 ft)— High-speed, low-power, short-range wireless communication with other Bluetooth devices
WLAN	IEEE 802.11b/g
Camera	<ul style="list-style-type: none">3 M pixelsAuto-focus (10 cm to infinity)4x Digital ZoomVideo recording with audio (max. QVGA)

Physical specifications

	US	Metric
Length	4.61 inches	117 mm
Width	2.37 inches	60.3 mm

	US	Metric
Depth	0.68 inches	17.3 mm
Weight	<ul style="list-style-type: none"> With battery: 5.149 oz Without battery: 4.021 oz 	<ul style="list-style-type: none"> With battery: 146 g Without battery: 114 g

Operating environment

		US	Metric
Temperature	Operating	14° to 113° F	−10° to 45° C
	Non-operating	4° to 140° F	−20° to 60° C
Relative Humidity	Operating	85 % RH	85 % RH
	Non-operating	90 % RH	90 % RH

20 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.

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 2004/108/EC

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®.



- This CE marking is valid for EU non-harmonized telecommunications products.



*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, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, and United Kingdom.

Products with 2.4–GHz Wireless LAN Devices

France

L'utilisation de cet équipement (2.4GHz wireless LAN) est soumise à certaines restrictions: cet équipement peut être utilisé à l'intérieur d'un bâtiment en utilisant toutes les fréquences de 2400 à 2483.5MHz (Chaîne 1–13). Pour une utilisation en environnement extérieur, vous devez utiliser les fréquences comprises entre 2454 à 2483.5–MHz (Chaîne 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 not 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.

WARNING! Fire, Explosion, And Severe Burn Hazard. Do Recharge, Crush, Disassemble, Heat above (100° C/212° F), or Incinerate.

- ⚠ **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.

Acoustics Warning

⚠ WARNING! Listening to this device at high volume levels and for extended durations may damage one's 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, before using headsets or earphones, always reset the volume. Some headphones are louder than other headphones, even if the volume control setting is the same.
- Changing the default audio or equalizer settings might lead to higher volume and should only be done with caution.
- Headsets or earphones used with this device should comply with the headphone limits in EN 50332-2.
- HP recommends using the headset delivered with your iPAQ (part number 455673-001) that is in compliance with EN 50332-1.

Class 1 LED Product

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 non-FCC SAR value for this device when tested for use at the ear is 0.791 W/kg (10g).

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 non-FCC 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. No metallic body accessories are allowed and 2.5 cm spacing between PDA and the body must be maintained to satisfy RF Exposure.

This PDA has been tested and demonstrated compliance when WLAN with Bluetooth, and GSM with Bluetooth are transmitting simultaneously. The highest FCC SAR value for this device when tested for use at the head is 1.47 W/kg and when tested for use at the body is 1.52 W/kg. This PDA must not be co-located or operating in conjunction with any other antenna or transmitter.

SAR compliance for body-worn operations is restricted to the holster <M/N: 459084-001> designated or supplied for this product and to belt-clips, holsters, or similar accessories that have no metallic component in the assembly and which provide at least 2.5cm separation between the device and the users body.

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.

Este equipamento atende aos limites de Taxa de Absorção Específica referente à exposição a campos elétricos, magnéticos e eletromagnéticos de radiofrequências adotados pela ANATEL.

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・製造ライン等で使用されている移動体無線用の屋内無線局（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、近くで移動体無線用の屋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無線用の屋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放射を停止した上、下記連絡先にご連絡頂き、問題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無線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・パッカド株式会社 TEL.0120-014121

Wireless LAN 802.11b Devices



Wireless LAN 802.11g Devices



Bluetooth Devices



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。

註：

1. SAR 標準? 1.6W/Kg ;
送測?品實測?GSM:900 為1.0 W/Kg。
PCN:1800 為0.497 W/Kg。
2. 減少電磁波影響，請妥適使用。

Korean Notice

B급 기기 (가정용 정보통신기기)

이 기기는 가정용으로 전자파적합등록을 한 기기로서
주거지역에서는 물론 모든지역에서 사용할 수 있습니다.

21 Frequently Asked Questions

I am having trouble turning on my HP iPAQ. What should I do?

Your HP iPAQ displays 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 set up 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?

If you are unable to hear to voices clearly, make sure you have turned off the in-call mute function.

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?

You should have at least 1.5 to 2 MB of free memory space on your HP iPAQ so that the device operates efficiently. To check the free memory space, tap **Start > Settings > System > Memory**. Remember to delete or transfer old e-mail messages and pictures on your HP iPAQ to free available memory space.

Why do I see the Today screen layout error message on my HP iPAQ display screen?

You will get a **Today** screen layout error message if you did not select a **Today** screen layout. To correct this, tap **Start > Settings > System > Screen** and select a layout for the **Today** 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.

My HP iPAQ was not connected during WMDC installation?

Although you do not need to connect your HP iPAQ during the installation process of WMDC, it is highly recommended to have it connected.

Which factors degrade the GPS signal and affect accuracy?

The GPS signal slows down when:

- It passes through the atmosphere.
- It reflects off objects such as tall buildings or large rock surfaces before reaching the receiver. Performance is impacted when the device is used inside vehicles having thermal glass windshields. The thermally shielded glass blocks the GPS signal from reaching the device.
- You are indoor, underwater, or underground.
- You are running multiple applications while connecting.

My HP iPAQ was not connected during WMDC installation?

It is not a strict requirement that you have your HP iPAQ connected during the installation process of WMDC, but it is highly recommend that you do.

My HP iPAQ was connected while I was installing but WMDC does not launch even after installation?

In some cases after an upgrade, you will need to disconnect and reconnect the device for WMDC to launch.

Can I connect for the first time via Bluetooth?

The initial connection between your HP iPAQ and the desktop WMDC application needs to happen with a mini-USB synchronization cable. After this initial connection, you will be able to set up Bluetooth for future connections.

22 Guidelines for 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.

Use 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.

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.

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.

Use accessories

- Use original HP batteries and chargers to charge your HP iPAQ.
- Do not use your HP iPAQ battery and charger for other purposes.
- **For information on accessories for your iPAQ, visit <http://www.hp.com/accessories/ipaq>.**

Use 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.