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# 18 Frequently asked questions

Following is a list of issues and resolutions that users face when using their HP iPAQ's. It is recommended that you go through this list before calling customer support or sending your device for replacement.

## Battery

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Question	Answer
I am having trouble turning on my HP iPAQ. What should I do?	<p>The battery of your HP iPAQ seems to have problems. Perform the following checks:</p> <ul style="list-style-type: none"><li>• Is the battery charged? If the LED on your HP iPAQ is flashing red, it indicates a low battery charge. For best results, charge the battery fully. The solid green LED display indicates full battery charge.</li><li>• Is the battery correctly installed? Make sure that the battery connectors on the battery are aligned with the housing pins in the battery compartment. For more information, see <a href="#">Step 2: Insert the battery and replace the battery cover on page 8</a>.</li><li>• Are the battery connectors on the battery and housing pins in the battery compartment clean? If these appear to be soiled, contact your dealer to get them cleaned.</li><li>• Try charging your battery using the AC adapter. For more information, see <a href="#">Step 3: Charge the battery on page 9</a>.</li></ul>

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Question	Answer
How can I improve the standby time and talk time on my HP iPAQ?	<p data-bbox="879 226 1465 275">Follow these guidelines to improve the standby and talk times on your HP iPAQ:</p> <ul data-bbox="879 300 1465 940" style="list-style-type: none"><li data-bbox="879 300 1465 373">• The HP iPAQ might consume more power when the signal reception is poor. Try to move to an open location when you use your HP iPAQ.</li><li data-bbox="879 401 1465 499">• If you are using the Push e-mail service, a service that continuously checks for e-mail messages with the Web server, disable it as it consumes excessive battery capacity and reduces the standby time.</li><li data-bbox="879 527 1465 646">• If you are using a new battery, it might take several charging and discharging cycles to reach its original capacity. Use the HP iPAQ after charging the battery completely. The solid green LED display indicates full battery charge.</li><li data-bbox="879 674 1465 747">• Do not overcharge or completely discharge the battery, as it might damage the battery and reduce the standby and talk time.</li><li data-bbox="879 774 1465 800">• If your battery is very old, replace it with a new one.</li><li data-bbox="879 827 1465 940">• Avoid using the HP iPAQ in very high or low temperature environments. The efficiency of a battery can be affected by extreme temperature conditions. To know more about the operating temperatures on your HP iPAQ, see <a href="#">Operating environment on page 106</a>.</li></ul>
I have trouble charging my battery. What should I do?	<p data-bbox="879 968 1465 1016">If you have trouble charging your battery, please perform the following checks:</p> <ul data-bbox="879 1043 1465 1381" style="list-style-type: none"><li data-bbox="879 1043 1465 1142">• Is the battery charger correctly plugged into the battery charger socket on the HP iPAQ? To know more about charging the battery, see <a href="#">Step 3: Charge the battery on page 9</a>.</li><li data-bbox="879 1169 1465 1194">• Is the power cord of the charger damaged?</li><li data-bbox="879 1222 1465 1295">• Check the LED indicator on your HP iPAQ. If the battery is low and the HP iPAQ is being charged the LED displays solid red.</li><li data-bbox="879 1323 1465 1381">• Check the LED indicator on your HP iPAQ. If the battery temperature is too high or too low the LED displays solid orange to indicate a device error.</li></ul>

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# Connection

Question	Answer
I cannot make or receive calls. How do I fix this?	<p>If you have problems making or receiving calls, please perform the following checks:</p> <ul style="list-style-type: none"><li>• Is the SIM card inserted correctly? For more information, see <a href="#">Step 1: Remove the battery cover and insert the SIM card on page 7</a>.</li><li>• Is the reception of the network signal good? You might be located within closed boundaries. If yes, move to an open space or closer to a window. For more information, see <a href="#">Check the connection and signal strength on page 18</a>.</li><li>• Is the network set up correctly? If necessary, try to select your network manually. For more information, see <a href="#">View the available phone networks on page 35</a>.</li><li>• Have you activated the <b>Fixed Dialing</b>, <b>Call Forwarding</b>, and <b>Call Barring</b> functions? If yes, deactivate them temporarily.</li><li>• Are you using two SIM cards, one with the <b>Enable SIM PIN</b> function activated and the other with the <b>Enable SIM PIN</b> function deactivated? If yes, deactivate the <b>Enable SIM PIN</b> function temporarily. For more information, see <a href="#">Use the SIM PIN to protect information on your HP iPAQ on page 24</a>.</li><li>• Is your HP iPAQ switched to the Flight mode? If yes, turn it off. For more information, see <a href="#">Use Wireless Manager on page 67</a>.</li></ul>
Why do my calls keep disconnecting?	<p>This could be a result of poor signal strength. If you have this problem, please check the following:</p> <ul style="list-style-type: none"><li>• Is the reception of the network signal good? You might be located within closed boundaries. If yes, move to an open space or closer to a window. For more information, see <a href="#">Check the connection and signal strength on page 18</a>.</li><li>• Try to select your network manually. For more information, see <a href="#">View the available phone networks on page 35</a>.</li><li>• Contact your service operator to make sure that the network has been set correctly and that necessary provisioning of services is available.</li></ul>
I am unable to hear calls clearly. How do I resolve this?	<p>Is the reception of the network signal good? You might be located within closed boundaries. If yes, move to an open space or closer to a window. For more information, see <a href="#">Check the connection and signal strength on page 18</a>.</p> <p>If you cannot hear the voices clearly, the volume might be set to low. Increase the volume.</p>
When I answer calls on my HP iPAQ, the caller cannot hear my voice clearly. What could be the problem?	<p>Is the reception of the network signal good? You might be located within closed boundaries. If yes, move to an open space or closer to a window. For more information, see <a href="#">Check the connection and signal strength on page 18</a>.</p> <p>During a call, if the caller cannot hear your voice clearly, make sure you have turned off the in-call mute function.</p>

Question	Answer
Why do I hear noises in the background during a phone call?	You might hear noises in the background if you use your HP iPAQ near electronic equipment, such as 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.
I cannot send an SMS or MMS. What do I do?	<p>If you have problem sending an SMS or MMS, perform the following checks:</p> <ul style="list-style-type: none"> <li>• 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, press <b>Start &gt; Settings &gt; About</b>.</li> <li>• Is the service provider plan that you are using a data plan? Check with your service provider for a data plan.</li> <li>• Is the reception of the network signal good? You might be located within closed boundaries. If yes, move to an open space or closer to a window. For more information, see <a href="#">Check the connection and signal strength on page 18</a>.</li> <li>• Try to select your network manually. For more information, see <a href="#">View the available phone networks on page 35</a>.</li> <li>• Contact your service operator, to check if the network has been set properly and necessary provisioning of services is available.</li> </ul>
Which factors degrade the GPS signal and affect accuracy?	<p>The GPS signal slows down under these situations:</p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• You are indoors or underground.</li> <li>• You are running multiple applications while connecting.</li> </ul>
I have trouble connecting to the Internet using GPRS. What should I do?	<p>If you have trouble connecting to the Internet, please perform the following checks:</p> <ul style="list-style-type: none"> <li>• Is the reception of the network signal good? You might be located within closed boundaries. If yes, move to an open space or closer to a window. For more information, see <a href="#">Check the connection and signal strength on page 18</a>.</li> <li>• Make sure you have subscribed for a data service from your service operator.</li> <li>• Make sure you entered correct setting parameters, such as APN and IP addresses, in data profile setup.</li> </ul>
I cannot use certain call functions. What should I do?	To use certain advanced call functions, such as <b>Call Forwarding</b> and <b>Call Barring</b> , you might need to subscribe to these services from your service operator.

## Synchronization

Question	Answer
I cannot synchronize my HP iPAQ with my computer. What should I do?	<p>To use the ActiveSync feature with Windows XP, upgrade your computer to the latest version of ActiveSync. It is recommended to use ActiveSync V4.5 or later.</p> <p>To use the WMDC feature with Windows Vista, upgrade your computer to the latest version of WMDC. It is recommended to use WMDC V6.1 or later.</p> <p>Visit <a href="http://www.microsoft.com/downloads">http://www.microsoft.com/downloads</a> for the latest versions.</p>
My HP iPAQ was connected while I was installing WMDC. Why does WMDC 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 set up an active connection between my HP iPAQ and a computer using Bluetooth for the first time?	No, the initial connection between your HP iPAQ and the computer needs to be created only through a Micro-USB synchronization cable using ActiveSync for Windows XP and WMDC for Windows Vista. After this initial connection, you will be able to set up Bluetooth for future connections.

## Miscellaneous

Question	Answer
My HP iPAQ becomes very warm when I use it. What has happened?	It is normal for the HP iPAQ to get a little warm when you use it continuously for prolonged periods, especially when making calls of very long duration. Your HP iPAQ might also get a little warm during recharging.
Why does the HP iPAQ sometimes seem sluggish?	<p>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, press <b>Start &gt; Settings &gt; About</b>.</p> <ul style="list-style-type: none"><li>Remember to delete or transfer old e-mail messages and pictures on your HP iPAQ to free available memory space.</li><li>If you have many programs running on your HP iPAQ, close some programs to free memory. For more information, see <a href="#">Access programs on page 17</a>.</li></ul>

# 19 Optional accessories

Accessories such as Wired Stereo Headsets and cradles, are stylish to use and increases the comfort value of your HP iPAQ. You can also purchase optional accessories if you accidentally misplace or damage the one provided to you with your HP iPAQ. For additional information, please go to <http://www.hp.com>.

Accessory	Description
<b>Power and Synchronization</b>	
HP iPAQ Voice Messenger Extended Battery	<ul style="list-style-type: none"><li>• Always have a spare battery and you will never be without power while on the go.</li><li>• This extended battery provides additional power to extend the life of your iPAQ between charges.</li><li>• This replaceable, rechargeable Lithium polymer battery is a genuine HP product you can trust.</li></ul>
HP iPAQ Voice Messenger Standard Battery	<ul style="list-style-type: none"><li>• Always have a spare battery and you will never be without power while on the go.</li><li>• This replaceable, rechargeable Lithium polymer battery is a genuine HP product you can trust.</li></ul>
HP iPAQ Sync/Charge Cable Micro-USB	<ul style="list-style-type: none"><li>• Keep your iPAQ charged and up-to-date when on the go.</li><li>• Portable solution for charging and synchronizing your iPAQ with your computer.</li></ul>
<b>Audio</b>	
HP iPAQ Wired Stereo Headset-2.5 mm <sup>1</sup>	<ul style="list-style-type: none"><li>• Listen to calls in private or enjoy music or video from your iPAQ.</li><li>• High-fidelity sound for your iPAQ music and videos.</li></ul>
<b>In-car accessories</b>	
HP iPAQ Voice Messenger Comfort Cradle	<ul style="list-style-type: none"><li>• Elegant solution that holds and charges your iPAQ in your car.</li><li>• Form fitting cradle securely holds your iPAQ in your car.</li><li>• Easy out of the box installation with included suction mount.</li><li>• Enhances phone reception in your car with an included RF antenna.</li></ul>

<sup>1</sup> Listening to personal stereo equipment at full volume for long periods can damage the user's hearing. In order to reduce the risk of damage to hearing, lower the volume and amount of time listening at full volume.

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## 20 Safety information

To reduce the risk of bodily injury, electric shock, fire, and damage to the equipment, observe the safety precautions in this document.

### General precautions

**Heed service markings:** Except as explained elsewhere in your product documentation, do not service your product yourself. Opening or removing covers that are marked  may expose you to electric shock. For service information on components inside these compartments, call Customer Care.

**Request service for damaged products:** Turn off the product, unplug it from the electrical outlet, and request service from a service partner under the following conditions:

- The power cord or plug is damaged.
- Liquid has been spilled into the product.
- An object has fallen into the product.
- The product has been exposed to rain or water.
- The product has been dropped or damaged.
- There are noticeable signs of overheating.
- The product does not operate normally when you follow the operating instructions.

**Avoid hot areas:** The product should be placed away from heat sources such as radiators, heat registers, stoves, and other products (such as amplifiers) that produce heat.

**Allow the product to cool:** Allow the product to cool before removing covers and touching internal components.

**Avoid wet areas:** Never use the product in a wet location.

**Avoid inserting objects into product:** Never insert objects of any kind into slots or other openings in the product.

**Avoid blocking vents:** Slots and openings are provided for ventilation. To prevent overheating, do not obstruct vents. Using a computer on a soft surface, such as a pillow, blanket, rug, or thick clothing may block airflow.

**Clean the product properly:** Unplug the product from the wall outlet before cleaning it. Do not use liquid cleaners or aerosol cleaners. Use a soft cloth dampened with water for cleaning exterior components, but NEVER apply water directly to the product or to an LCD screen.

**Use recommended mounting accessories:** Do not use the product on an unstable table, cart, stand, tripod, or bracket. Mount the product according to the manufacturer's instructions, and use a mounting accessory recommended by the manufacturer.

**Use the product with approved equipment:** Use your product only with the computers and accessories identified as suitable for use with your product.

**Adjust the volume:** Turn down the volume before using headphones or other audio devices.

## Safety precautions for power cords and accessories

**⚠ WARNING!** To reduce the risk of electric shock, fire, or damage to the equipment, do not attempt to power the product with a voltage converter kit sold for appliances.

**Use the correct external power source:** A product should be operated only from the type of power source indicated on the electrical ratings label. If you are not sure of the type of power source required, call Customer Care, your service partner, or local power company. For a product that operates from battery power or other sources, refer to the operating instructions that are included with the product.

**Avoid overloading the electrical circuit:** Do not overload an electrical outlet, power strip, or convenience receptacle. The overall system load must not exceed 80% of the branch circuit rating. If power strips are used, the load should not exceed 80% of the input rating of the power strip.

**Observe extension cord ratings:** If an extension cord or power strip is used, make sure that the cord or strip is rated for the product and that the total ampere ratings of all products plugged into the extension cord or power strip do not exceed 80% of the ampere rating limit of the extension cord or power strip.

**Select the correct voltage:** Ensure that the voltage select switch on the product is in the correct position for the type of voltage you use (115 V AC or 230 V AC).

**Use an approved AC adapter:** Only the AC adapter provided with the product, a replacement AC adapter provided by HP, or an AC adapter purchased as an accessory from HP should be used with the product.

**Use an approved power cord:** If you were not provided with a power cord for your product, you should purchase a power cord that is approved for use in your country.

The power cord must be rated for the product and for the voltage and current marked on the electrical ratings label of the product. The voltage and current rating of the cord should be greater than the voltage and current rating marked on the product. In addition, the diameter of the wire must be a minimum of 0.75 mm<sup>2</sup>/18AWG, and the length of the cord should be between 1.5 meters (5 feet) and 2 meters (6.5 feet) long. If you have questions about the type of power cord to use, call Customer Care.

**Position the power cord carefully:** Route the power cord so that it will not be walked on, tripped over, or pinched by items placed upon or against it. Pay particular attention to the plug, electrical outlet, and the point where the power cord exits the product.

**Plug power cord into the proper outlet:** Plug the product into an electrical outlet that is easily accessible at all times. If the product is a 3-wire grounding type, be sure the outlet is the proper grounded (earthed) type. Do not disable the power cord grounding plug because it is an important safety feature.

**Unplug the power cord properly:** Disconnect power from the product by unplugging the power cord from the electrical outlet. Do not pull on cords and cables. When unplugging the cord from an electrical outlet, grasp and pull the cord by the plug.

## Safety precautions for battery packs

**⚠ WARNING!** To reduce the risk of fire or burns, do not disassemble, crush, or puncture a battery pack; short the external contacts on a battery pack; or dispose of a battery pack in fire or water. Do not expose a battery pack to high temperatures above 60°C (140°F). Replace only with a battery pack approved for this computer.

**WARNING!** There is a danger of explosion if a battery pack is incorrectly replaced. Replace it only with an approved battery pack for this product.

**WARNING!** Keep battery packs away from children.

**Handle battery packs carefully:** Replace a battery pack only with a battery pack approved for this product. For information about removing a battery pack, refer to your product documentation.

 When a battery pack has reached the end of its useful life, do not dispose of the battery pack in general household waste. Follow the local laws and regulations in your area for computer battery pack disposal.

In Europe, dispose of or recycle the battery packs by using the public collection system or by returning them to HP, your service partner, or their agents.

## Safety precautions for docking devices

**Avoid unstable mounting:** Do not place a monitor with an unstable base or a monitor heavier than 25 kilograms (55 pounds) on top of a monitor stand, unless the monitor stand is marked for use with a heavier monitor. Instead, place the monitor on a work surface next to the docking device.

## Safety precautions for products with wireless devices

 **WARNING! Exposure to radio frequency radiation.** The radiated output power of wireless devices 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 not be less than 20 cm (8 inches) during normal operation.

## Safety precautions for products with modems, telecommunications or local area network accessories

 **WARNING!** To reduce the risk of fire, electric shock, and injury to persons when using this device, always follow basic safety precautions, including the following:

- Do not use this product near water—for example: near a bathtub, washbowl, kitchen sink or laundry tub; in a wet basement; or near a swimming pool.
- Avoid using this product during an electrical storm. There is a remote risk of electric shock from lightning.
- Do not use this product to report a gas leak while in the vicinity of the leak.
- Always disconnect the modem cable before opening the equipment enclosure or touching an uninsulated modem cable, jack, or internal component.
- If this product was not provided with a telephone line cord, use only No. 26 AWG or larger telecommunication line cord in order to reduce the risk of fire.
- Do not plug a modem or telephone cable into the RJ-45 (network) jack.

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# 21 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.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID: B94HHF20C.

## 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.

The official EU CE declaration of conformity for this device may be found at [www.hp.com/go/certificates](http://www.hp.com/go/certificates).

## Products with 2.4-GHz Wireless LAN Devices

### France

L'utilisation de cet équipement (2.4GHz Wireless LAN) est soumise a certaines restrictions: Cet équipement peut être utilisé a l'interieur d'un batiment en utilisant toutes les frequences de 2400 a 2483.5MHz (Chaîne 1-13). Pour une utilisation en environnement exterieur, les frequences comprises entre 2400-2454 MHz (Chaîne 1-9) peuvent être utilisé. Pour les dernières restrictions, voir <http://www.arcep.fr>.

For 2.4 GHz Wireless LAN operation of this product certain restrictions apply: This product may be used indoor for the entire 2400-2483.5 MHz frequency band (channels 1-13). For outdoor use, only 2400-2454 MHz frequency band (channels 1-9) may be used. For the latest requirements, see <http://www.arcep.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 polymer rechargeable battery. To reduce the risk of fire or burns, do not disassemble, crush, puncture, short external contacts, or dispose of in fire or water. Replace only with the HP spare.
- ⚠ **CAUTION:** Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

## Battery Recycling

HP encourages customers to recycle used electronic hardware, HP original print cartridges, and rechargeable batteries. For more information about recycling programs, visit <http://www.hp.com/recycle>.

## Battery Disposal

- ⚠ **WARNING!** When a battery has reached the end of its useful life, do not dispose of the battery in general household waste. Follow the local laws and regulations in your area for computer battery disposal.



## Chemical substances

HP is committed to providing our customers with information about the chemical substances in our products as needed to comply with legal requirements such as REACH (Regulation EC No 1907/2006 of the European Parliament and the Council). A chemical information report for this product can be found at: [www.hp.com/go/reach](http://www.hp.com/go/reach).

# Disposal of Waste Equipment by Users in Private Household

## Disposal of Waste Equipment by Users in Private Household in the European Union



This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

## التخلص من مخلفات اجهزة من قبل المستخدمين في منازلهم الخاصة في الاتحاد الأوروبي



يشير هذا الرمز على المنتج أو على علبة إلى أنه يجب عدم التخلص من هذا المنتج مع باقي النفايات المنزلية. عوضاً عن ذلك، تقع على عاتقك مسؤولية التخلص من مخلفات الأجهزة بتسليمها لمركز الجمع المعين لغرض إعادة تصنيع المخلفات من الأجهزة الكهربائية والإلكترونية. ويؤدي جمع مخلفات الأجهزة وإعادة تصنيعها، عندما يحين وأن التخلص منها، إلى مساعدتك في المحافظة على الموارد الطبيعية وبضمن إعادة تصنيعها بشكل يحمي الصحة البشرية والبيئة. للحصول على معلومات حول أماكن تسليم مخلفات الأجهزة بغرض إعادة تصنيعها، يرجى الاتصال بمكتب البلدية المحلية، أو خدمة جمع النفايات المنزلية أو المتجر حيث اشتريت المنتج.

## Likvidace zařízení soukromými domácími uživateli v Evropské unii



Tento symbol na produktu nebo balení označuje výrobek, který nesmí být vyhozen spolu s ostatním domácím odpadem. Povinností uživatele je předat takto označený odpad na předem určené sběrné místo pro recyklaci elektrických a elektronických zařízení. Okamžité třídění a recyklace odpadu pomůže uchovat přírodní prostředí a zajistí takový způsob recyklace, který ochrání zdraví a životní prostředí člověka. Další informace o možnostech odevzdání odpadu k recyklaci získáte na příslušném obecním nebo městském úřadě, od firmy zabývající se sběrem a svozem odpadu nebo v obchodě, kde jste produkt zakoupili.

## Bortskaffelse af brugte udstyr hos brugere i private hjem i EU



Dette symbol på produktet eller på emballagen angiver, at dette produkt ikke må bortskaffes sammen med det øvrige husholdningsaffald. I stedet er det dit ansvar at bortskaffe dit brugte udstyr ved at aflevere det ved et autoriseret indsamlingssted med henblik på genbrug af elektrisk og elektronisk udstyr. Den særskilte indsamling og genbrug af dit brugte udstyr i forbindelse med bortskaffelsen er med til at bevare naturlige ressourcer og sikre, at udstyret genbruges på en måde, som beskytter helbred og miljø. Yderligere oplysninger om steder, hvor du kan aflevere dit brugte udstyr med henblik på genbrug, kan du få på dit lokale kommunekontor, hos renovationsfirmaet for dit lokalområde eller den butik, hvor du købte produktet.

## Seadmete jäätmete kõrvaldamine eramajapidamistes Euroopa Liidus



See tootel või selle pakendil olev sümbol näitab, et kõnealust toodet ei tohi koos teiste majapidamisjäätmetega kõrvaldada. Teie kohus on oma seadmete jäätmed kõrvaldada, viies need elektri- ja elektroonikaseadmete jäätmete ringlussevõtmiseks selleks ettenähtud kogumispunkti. Seadmete jäätmete eraldi kogumine ja ringlussevõtmise kõrvaldamise ajal aitab kaitsta loodusvarasid ning tagada, et ringlussevõtmise toimub viisil, mis kaitseb inimeste tervist ning keskkonda. Lisateabe saamiseks selle kohta, kuhu oma seadmete jäätmed ringlussevõtmiseks viia, võtke palun ühendust oma kohaliku linnakantselei, majapidamisjäätmete kõrvaldamise teenistuse või kauplusega, kust Te toote ostsite.

### Laitteiden hävittäminen kotitalouksissa Euroopan unionin alueella



Jos tuotteessa tai sen pakkauksessa on tämä merkki, tuotetta ei saa hävittää kotitalousjätteiden mukana. Tällöin hävitettävä laite on toimitettava sähkölaitteiden ja elektronisten laitteiden kierrätyspisteeseen. Hävitettävien laitteiden erillinen käsittely ja kierrätys auttavat säästämään luonnonvaroja ja varmistamaan, että laite kierrätetään tavalla, joka estää terveyshaitat ja suojelee luontoa. Lisätietoja paikoista, joihin hävitettävät laitteet voi toimittaa kierrätettäväksi, saa ottamalla yhteyttä jätehuoltoon tai liikkeeseen, josta tuote on ostettu.

### Élimination des appareils mis au rebut par les ménages dans l'Union européenne



Le symbole apposé sur ce produit ou sur son emballage indique que ce produit ne doit pas être jeté avec les déchets ménagers ordinaires. Il est de votre responsabilité de mettre au rebut vos appareils en les déposant dans les centres de collecte publique désignés pour le recyclage des équipements électriques et électroniques. La collecte et le recyclage de vos appareils mis au rebut indépendamment du reste des déchets contribue à la préservation des ressources naturelles et garantit que ces appareils seront recyclés dans le respect de la santé humaine et de l'environnement. Pour obtenir plus d'informations sur les centres de collecte et de recyclage des appareils mis au rebut, veuillez contacter les autorités locales de votre région, les services de collecte des ordures ménagères ou le magasin dans lequel vous avez acheté ce produit.

### Entsorgung von Altgeräten aus privaten Haushalten in der EU



Das Symbol auf dem Produkt oder seiner Verpackung weist darauf hin, dass das Produkt nicht über den normalen Hausmüll entsorgt werden darf. Benutzer sind verpflichtet, die Altgeräte an einer Rücknahmestelle für Elektro- und Elektronik-Altgeräte abzugeben. Die getrennte Sammlung und ordnungsgemäße Entsorgung Ihrer Altgeräte trägt zur Erhaltung der natürlichen Ressourcen bei und garantiert eine Wiederverwertung, die die Gesundheit des Menschen und die Umwelt schützt. Informationen dazu, wo Sie Rücknahmestellen für Ihre Altgeräte finden, erhalten Sie bei Ihrer Stadtverwaltung, den örtlichen Müllentsorgungsbetrieben oder im Geschäft, in dem Sie das Gerät erworben haben.

### Απορριψη άχρηστου εξοπλισμού από χρήστες σε ιδιωτικά νοικοκυριά στην Ευρωπαϊκή Ένωση



Το σύμβολο αυτό στο προϊόν ή τη συσκευασία του υποδεικνύει ότι το συγκεκριμένο προϊόν δεν πρέπει να διατίθεται μαζί με τα άλλα οικιακά σας απορρίμματα. Αντίθετα, είναι δική σας ευθύνη να απορρίψετε τον άχρηστο εξοπλισμό σας παραδίδοντάς τον σε καθορισμένο σημείο συλλογής για την ανακύκλωση άχρηστου ηλεκτρικού και ηλεκτρονικού εξοπλισμού. Η ξεχωριστή συλλογή και ανακύκλωση του άχρηστου εξοπλισμού σας κατά την απόρριψη θα συμβάλει στη διατήρηση των φυσικών πόρων και θα διασφαλίσει ότι η ανακύκλωση γίνεται με τρόπο που προστατεύει την ανθρώπινη υγεία και το περιβάλλον. Για περισσότερες πληροφορίες σχετικά με το πού μπορείτε να παραδώσετε τον άχρηστο εξοπλισμό σας για ανακύκλωση, επικοινωνήστε με το αρμόδιο τοπικό γραφείο, την τοπική υπηρεσία διάθεσης οικιακών απορριμμάτων ή το κατάστημα όπου αγοράσατε το προϊόν.

### Készülékek magánháztartásban történő selejtezése az Európai Unió területén



A készüléken, illetve a készülék csomagolásán látható azonos szimbólum annak jelzésére szolgál, hogy a készülék a selejtezés során az egyéb háztartási hulladéktól eltérő módon kezelendő. A vásárló a hulladékká vált készüléket köteles a kijelölt gyűjtőhelyre szállítani az elektromos és elektronikai készülékek újrahasznosítása céljából. A hulladékká vált készülékek selejtezési begyűjtése és újrahasznosítása hozzájárul a természeti erőforrások megőrzéséhez, valamint biztosítja a selejtezett termékek környezetre és emberi egészségre nézve biztonságos feldolgozását. A begyűjtés pontos helyéről bővebb tájékoztatást a lakhelye szerint illetékes önkormányzattól, az illetékes személtakarító vállalatától, illetve a terméket elárúsító helyen kaphat.

### Smaltimento delle apparecchiature da parte di privati nel territorio dell'Unione Europea



Questo simbolo presente sul prodotto o sulla sua confezione indica che il prodotto non può essere smaltito insieme ai rifiuti domestici. È responsabilità dell'utente smaltire le apparecchiature consegnandole presso un punto di raccolta designato al riciclo e allo smaltimento di apparecchiature elettriche ed elettroniche. La raccolta differenziata e il corretto riciclo delle apparecchiature da smaltire permette di proteggere la salute degli individui e l'ecosistema. Per ulteriori informazioni relative ai punti di raccolta delle apparecchiature, contattare l'ente locale per lo smaltimento dei rifiuti, oppure il negozio presso il quale è stato acquistato il prodotto.

### Vartotojų iš privačių namų ūkių įrangos atliekų šalinimas Europos Sąjungoje



parduotuvę, kurioje įsigijote gaminį.

Šis simbolis ant gaminio arba jo pa kuotės rodo, kad šio gaminio šalinti kartu su kitomis namų ūkio atliekomis negalima. Šalintinas įrangos atliekas privalote pristatyti į specialią surinkimo vietą elektros ir elektroninės įrangos atliekoms perdirbti. Atskirai surenkamos ir perdirbamos šalintinos įrangos atliekos padės saugoti gamtinius išteklius ir užtikrinti, kad jos bus perdirbtos tokiu būdu, kuris nekenkia žmonių sveikatai ir aplinkai. Jeigu norite sužinoti daugiau apie tai, kur galima pristatyti perdirbtinas įrangos atliekas, kreipkitės į savo seniūniją, namų ūkio atliekų šalinimo tarnybą arba

### Nolietotu iekartu iznīcināšanas noteikumi lietotājiem Eiropas Savienības privātajās mājāsniecībās



pārstrādei, jāvēršas savas dzīves vietas pašvaldībā, sadzīves atkritumu savākšanas dienestā vai veikalā, kurā izstrādājums tika nopirkts.

Šāds simbols uz izstrādājuma vai uz tā iesaiņojuma norāda, ka šo izstrādājumu nedrīkst izmest kopā ar citiem sadzīves atkritumiem. Jūs atbildat par to, lai nolietotās iekārtas tiktu nodotas speciāli iekārtotos savākšanai otrreizējai pārstrādei. Atsevišķa nolietoto iekārtu savākšana otrreizējā pārstrādē palīdzēs saglabāt dabas resursus un garantēs, ka šīs iekārtas tiks otrreizēji pārstrādātas tādā veidā, lai pasargātu vidi un cilvēku veselību. Lai uzzinātu, kur nolietotās iekārtas var izmest otrreizējai

### Verwijdering van afgedankte apparatuur door privé-gebruikers in de Europese Unie



waar u oude apparatuur kunt aanbieden voor recycling.

Dit symbool op het product of de verpakking geeft aan dat dit product niet mag worden gedeponeerd bij het normale huishoudelijke afval. U bent zelf verantwoordelijk voor het inleveren van uw afgedankte apparatuur bij een inzamelingspunt voor het recyclen van oude elektrische en elektronische apparatuur. Door uw oude apparatuur apart aan te bieden en te recyclen, kunnen natuurlijke bronnen worden behouden en kan het materiaal worden hergebruikt op een manier waarmee de volksgezondheid en het milieu worden beschermd. Neem contact op met uw gemeente, het afvalinzamelingsbedrijf of de winkel waar u het product hebt gekocht voor meer informatie over inzamelingspunten

### Eliminering av utstyr i privathusholdningen i Den europeiske unions medlemsland



kjøpte produktet.

Denne symbolet på produktet eller emballasjen betyr at produktet ikke må kastes med vanlig husholdningsavfall. I stedet er du ansvarlig for at utbrukt utstyr leveres inn til et angitt innsamlingssted for resirkulering av elektrisk og elektronisk utstyr. Denne separate innsamlingen og resirkuleringen av utbrukt utstyr vil bidra til å bevare naturressursene - resirkuleringen foretas på en måte som beskytter menneskelig helse og miljø. For å få vite hvor du kan levere inn utbrukt utstyr for resirkulering, vennligst ta kontakt med det lokale kommunekontoret, renovasjonsvesenet eller forretningen der du

### Pozbywanie się zużytego sprzętu przez użytkowników w prywatnych gospodarstwach domowych w Unii Europejskiej



lub sklepem, w którym zakupiono produkt.

Ten symbol na produkcie lub jego opakowaniu oznacza, że produktu nie wolno wyrzucać do zwykłych pojemników na śmieci. Obowiązkiem użytkownika jest przekazanie zużytego sprzętu do wyznaczonego punktu zbiórki w celu recyklingu odpadów powstałych ze sprzętu elektrycznego i elektronicznego. Osobna zbiórka oraz recykling zużytego sprzętu pomogą w ochronie zasobów naturalnych i zapewnią ponowne wprowadzenie go do obiegu w sposób chroniący zdrowie człowieka i środowisko. Aby uzyskać więcej informacji o tym, gdzie można przekazać zużyty sprzęt do recyklingu, należy się skontaktować z urzędem miasta, zakładem gospodarki odpadami

## Destruição, por Utilizadores na União Europeia, de Equipamento Usado no Lixo Doméstico



Este símbolo, no produto ou na respectiva embalagem, indica que este material não deve ser destruído com outro lixo doméstico. É da sua responsabilidade destruir o equipamento usado levando-o para um local de recolha apropriado, destinado à reciclagem de produtos eléctricos e electrónicos usados. A recolha e reciclagem separada do seu equipamento doméstico quando da destruição, ajudará a preservar os recursos naturais e a assegurar que ele é reciclado através de um processo que protege a saúde humana e o ambiente. Para obter mais informações sobre onde pode colocar o seu equipamento usado para reciclagem, contacte a entidade responsável local, o serviço de destruição do lixo doméstico, ou a loja onde adquiriu o produto.

## Утилизация оборудования владельцами частных домов в странах Европейского Союза



Этот символ на изделии или его упаковке означает, что изделие нельзя выбрасывать вместе с обычным бытовым мусором. Вы обязаны сдать ненужное оборудование в специальный пункт приема и утилизации электрооборудования. Отделение ненужного электрооборудования от прочего бытового мусора и его отдельная утилизация помогут сохранить природные ресурсы и обеспечить переработку отходов безопасным для здоровья человека и окружающей среды способом. За дополнительной информацией о том, куда можно сдать ненужное электрооборудование, обращайтесь в администрацию города, местную службу утилизации отходов или магазин, где было приобретено изделие.

## Bortskaffande av avfallsprodukter från användare i privathushåll inom Europeiska Unionen



Om den här symbolen visas på produkten eller förpackningen betyder det att produkten inte får slängas på samma ställe som hushållssopor. I stället är det ditt ansvar att bortskaffa avfallet genom att överlämna det till ett uppsamlingsställe avsett för återvinning av avfall från elektriska och elektroniska produkter. Separat insamling och återvinning av avfallet hjälper till att spara på våra naturresurser och gör att avfallet återvinns på ett sätt som skyddar människors hälsa och miljön. Kontakta ditt lokala kommunkontor, din närmsta återvinningsstation för hushållsavfall eller affären där du köpte produkten för att få mer information om var du kan lämna ditt avfall för återvinning.

## Odstranjanje neodslužene opreme uporabnikov v zasebnih gospodinjstvih v Evropski uniji



Ta znak na izdelku ali njegovi embalaži pomeni, da izdelka ne smete odvreči med gospodinjske odpadke. Nasprotno, odsluženo opremo morate predati na zbirališče, pooblaščen za recikliranje odslužene električne in elektronske opreme. Ločeno zbiranje in recikliranje odslužene opreme prispeva k ohranjanju naravnih virov in zagotavlja recikliranje te opreme na zdravju in okolju neškodljiv način. Za podrobnejše informacije o tem, kam lahko odpeljete odsluženo opremo na recikliranje, se obrnite na pristojni organ, komunalno službo ali trgovino, kjer ste izdelek kupili.

## Likvidácia vyradených zariadení v domácnostiach v Európskej únii



Symbol na výrobku alebo jeho balení označuje, že daný výrobok sa nesmie likvidovať s domovým odpadom. Povinnosť'ou spotrebiteľa je odovzdať vyradené zariadenie v zbernom mieste, ktoré je určené na recykláciu vyradených elektrických a elektronických zariadení. Separovaný zber a recyklácia vyradených zariadení prispieva k ochrane prírodných zdrojov a zabezpečuje, že recyklácia sa vykonáva spôsobom chrániacim ľudské zdravie a životné prostredie. Informácie o zberných miestach na recykláciu vyradených zariadení vám poskytne miestne zastupiteľ'stvo, spoločnosť' zabezpečujúca odvoz domového odpadu alebo obchod, v ktorom ste si výrobok zakúpili.

Eliminación de residuos de equipos eléctricos y electrónicos por parte de usuarios particulares en la Unión Europea



Este símbolo en el producto o en su envase indica que no debe eliminarse junto con los desperdicios generales de la casa. Es responsabilidad del usuario eliminar los residuos de este tipo depositándolos en un "punto limpio" para el reciclado de residuos eléctricos y electrónicos. La recogida y el reciclado selectivos de los residuos de aparatos eléctricos en el momento de su eliminación contribuirá a conservar los recursos naturales y a garantizar el reciclado de estos residuos de forma que se proteja el medio ambiente y la salud. Para obtener más información sobre los puntos de recogida de residuos eléctricos y electrónicos para reciclado, póngase en contacto con su ayuntamiento, con el servicio de eliminación de residuos domésticos o con el establecimiento en el que adquirió el producto.

Avrupa Birliği'nde Hurda Donanımların Özel Konutlardaki Kullanıcılar Tarafından Elden Çıkarılması



Tento Úrünün veya ambalajının üzerinde ki bu simge, bu ürünün diğer ev atıklarıyla birlikte elden çıkarılması gerektiğini belirtir. Hurda donanımınızın elektrikli ve elektronik hurda donanımları geri dönüştürmek için belirlenmiş toplama merkezlerine teslim edilmesi, sizin sorumluluğunuzdadır. Elden çıkardığınız hurda donanımınızın ayrı olarak toplanması ve geri dönüştürülmesi, doğal kaynakların korunmasına yardımcı olacak ve insan sağlığına ve çevreye zararlı olmayan bir yöntemle geri dönüştürülmesini sağlayacaktır. Hurda donanımınızı teslim edebileceğiniz geri dönüşüm merkezleri hakkında ayrıntılı bilgi için lütfen bölgenizdeki belediye makamlarına, ev atıklarınızı toplayan kuruluşa veya ürünü satın aldığınız mağazaya başvurun.

## 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.

## 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. Additionally, please seek advice from your physician about the potential effects of RF interference from your HP iPAQ upon the medical device you are using. 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 0.912 W/kg (10 g).

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.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone 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 level of the phone while operating can be well below the maximum value. This is because the phone 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 wireless base station antenna, the lower the power output.

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 1.5 cm spacing between HP iPAQ and the body must be maintained to satisfy RF Exposure.

This device has been tested and demonstrated compliance when Bluetooth, WLAN, and mobile phone are transmitting simultaneously. The highest FCC SAR value for this device when tested for use at the head is 1.01 W/kg and when tested for use at the body is 0.95 W/kg. This device must not be co-located or operating in conjunction with any other antenna or transmitter.

### Canadian Regulatory Wireless Notice

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

### Brazilian Notice

Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

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.

## Thailand Wireless Notice

เครื่องโทรคมนาคมและอุปกรณ์นี้ มีความสอดคล้องตามข้อกำหนดของ กทช.

### Wireless LAN 802.11b Devices



### Wireless LAN 802.11g Devices



### Bluetooth Devices



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## 22 Quick reference

### Acronyms

Acronym	Expansion
3G	Third Generation
A2DP	Advanced Audio Distribution Profile
AES	Advanced Encryption Standard
CCKM	Cisco Centralized Key Management
CPU	Central Processing Unit
CSD	Circuit Switched Data
DNS	Domain Name Server
DRM	Digital Rights Management
DUN	Dial-up Networking
EAP	Extensible Authentication Protocol
EDGE	Enhanced Data Rates for GSM Evolution
FAST	Flexible Authentication Via Secure Tunneling
FTP	File Transfer Profile
GAP	Generic Access Profile
GOEP	Generic Object Exchange Profile
GPRS	General Packet Radio Service
GPS	Global Positioning System
GSM	Global System for Mobile Communications
GTC	Generic Token Card
HFP	Hands-Free Profile
HID	Human Interface Device Profile
HSPA	High Speed Packet Access
HSDPA	High Speed Download Packet Access
HSUPA	High Speed Uplink Packet Access
HSP	Headset Support Profile
ID	Identity
IMAP4	Internet Message Access Protocol 4
IP	Internet Protocol

<b>Acronym</b>	<b>Expansion</b>
IPSec	Internet Protocol Security
ISP	Internet Service Provider
LAN	Local Area Network
LEAP	Lightweight Extensible Authentication Protocol
LED	Light-emitting diode
Mach. PAC	Machine Protected Access Credentials
MD5	Message-Digest algorithm 5
microSD	Micro Secure Digital
MMS	Multimedia Messaging Service
MP3	Moving Picture Experts Group Layer-3
MSCHAP	Microsoft Challenge-Handshake Authentication Protocol
OPP	Object Push Protocol
OS	Operating System
PAC	Protected Access Credentials
PBAP	Phone Book Access Profile
PC	Personal Computer
PEAP	Protected Extensible Authentication Protocol
PIN	Personal Identification Number
POP3	Post Office Protocol 3
RF	Radio Frequency
RTF	Rich Text Format
SAP	SIM Access Profile
SIM	Subscriber Identity Module
SMS	Short Messaging Services
SMS-CB	Short Message Service Cell Broadcast
SMTP	Simple Mail Transfer Protocol
SPP	Serial Port Profile
SSL	Secure Sockets Layer
TCP/IP	Transmission Control Protocol/Internet Protocol
TKP	Temporal Key Integrity Protocol
TLS	Transport Layer Security
TTLS	Tunneled Transport Layer Security
URL	Uniform Resource Locator
USB	Universal Serial Bus

Acronym	Expansion
VPN	Virtual Private Network
WAN	Wide Area Network
WAP	Wireless Access Point
WCDMA	Wideband Code Division Multiple Access
WEP	Wired Equivalent Privacy
Wi-Fi	Wireless Fidelity
WMDC	Windows Mobile Device Center
WPA-PSK	Wi-Fi Protected Access
WWE	World Wide English

## Icons used

The icons that are present on your HP iPAQ and are used in the guide are given below.

Icon	Description	Icon	Description
	EMS		Previous
	Next		Play
	Stop		Stop (slideshow view)
	Wireless Manager		Pause

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# Index

## Symbols/Numerics

2.4-GHz wireless LAN devices 120

## A

AC adapter 2  
advanced settings  
    changing an intranet URL 78  
    configuring advanced proxy settings 79  
    connecting to intranet URLs 78  
    wireless access point gateway 79  
answer/send key  
    using HP iPAQ 13  
applications  
    HP Asset Viewer 88  
    HP Enterprise Mobility Suite 89  
    HP Help and Support 88  
    HP iPAQ DataConnect 89  
    HP iPAQ Key Guard 90  
    Internet Explorer 90  
    Internet sharing 90  
    Java Virtual Machine 91  
    Jetset PDF 92  
    Jetset print 92  
    manage certificates 99  
    Office Mobile applications 93  
    Remote Desktop Mobile 98  
    streaming player 86  
    Task Manager 99  
    Voice Commander 100  
    Windows Live 101  
    Windows media player 103  
    Windows Update 104

## B

back cover 5  
back key  
    using HP iPAQ 13  
back space key  
    using HP iPAQ 15

backlight 20  
battery  
    charging 9  
    install 8  
    remove 7  
    saving tips 24  
Battery disposal notice 120  
Bluetooth  
    COM port 74  
    connect to computer 71  
    device profiles 74  
    edit partnerships 73  
    partnerships 72  
    settings 71  
    terms 70  
    use HP iPAQ as a wireless modem 73  
box contents 2  
Brazilian notice 127

## C

calendar  
    cancel appointment 58  
    display work of the day 57  
    setting default reminders 57, 58  
    update appointments 58  
call features  
    answer calls 26  
    call a contact 26  
    call from contacts 26  
    call from Home screen 26  
    call from hyperlinked number 29  
    call history 30  
    call on hold 27  
    call waiting 27  
    conference call 29  
    data calls 28  
    dialing international number 29  
    emergency calls 28  
    mute a call 27  
    redial number 26

    speed dials 28  
    voice mail 29  
call history  
    make calls 30  
    manage calls 30  
    view call details 30  
camera 61  
Canadian notice 127  
Canadian notices 118  
CD, Getting Started 2  
center select button  
    using HP iPAQ 16  
changing regional settings  
    settings 18  
clocks and alarms  
    settings 22  
components  
    back panel 5  
    front panel 3  
    left and right panel 5  
    ringer/sound switch 4  
    top panel 4  
connections  
    advanced settings 78  
    Bluetooth 70  
    differences 68  
    edit WAP settings 69  
    end a connection 80  
    GPRS/EDGE 68  
    HSPA 67  
    Internet connection 68  
    troubleshooting 70  
    using advanced connection settings 79  
    using VPNs 80  
    Wireless Manager 67  
    Wi-Fi 75  
contacts  
    add or remove picture 44  
    change contact information 42  
    contact list 44  
    copying 42  
    create 42  
    delete 44

- find 43
- send text message 43
- sending e-mail message 43
- D**
- Declaration of Conformity 118
- device name
  - customize 18
- disposal notices
  - battery 120
- E**
- end key
  - using HP iPAQ 13
- enter key
  - using HP iPAQ 15
- enter text
  - fast menu 14
- European Union notices 118
- e-mail
  - creating a new account 48
- F**
- factory/hard reset 38
- FAQ 108
- favorites 90
- Federal Communications Commission
  - cables 117
  - modifications 117
  - notice 117
- font size 21
- France, 2.4-GHz wireless LAN devices 120
- G**
- get started with your HP iPAQ
  - AZERTY 13
  - customize your HP iPAQ 18
  - getting started 12, 89
  - home screen 11
  - QWERTY 13
  - QWERTZ 13
- Google Maps
  - Google Search 88
- Google Maps for mobile 87
- Google Search
  - launch 88
- GPRS/EDGE
  - configure GPRS 68
- GPS 86
- guidelines
  - carry or store your HP iPAQ 107
  - clean your HP iPAQ 107
  - use accessories 107
  - use your HP iPAQ 107
- H**
- handsfree 30
- home key
  - using HP iPAQ 13
- HP digital camera lens 5
- I**
- Internet e-mail
  - changing e-mail download options 50
  - deleting an account 50
- Internet sharing
  - connect to a laptop using Bluetooth 91
  - connect to a laptop using USB 90
- Italy, 2.4-GHz wireless LAN devices 120
- K**
- Key Guard 22
- keyboard
  - using HP iPAQ 13
- keys
  - back 3
  - camera button 5
  - contacts button 5
  - device lock button 5
  - end 3
  - send 3
  - softkeys 3
- L**
- locking and unlocking your HP iPAQ
  - settings 23
- M**
- maintenance
  - guidelines 107
- messaging
  - call options 32
  - create or change signature 54
- creating a new e-mail account 48
- MMS 47
- online address book 55
- receiving attachments 53
- receiving meeting requests 53
- synchronizing e-mail 51
- text message 46
- understand messages 46
- use messaging 51
- using folders 51
- micro-USB charging/synchronization cable 2
- MMS 47
- model number, location 17
- Modifications, Federal Communications Commission 117
- N**
- network settings
  - manually selecting a network 36
  - setting preferred networks 35
  - viewing available networks 35
- notes
  - voice notes 36
- notices
  - battery 120
  - Brazilian 127
  - Canadian 118, 127
  - European Union 118
  - Federal Communications Commission 117
  - Thailand 128
- O**
- Office Mobile applications
  - Excel Mobile 93
  - OneNote Mobile 94
  - PowerPoint Mobile 94
  - Word Mobile 93
- operating environment
  - specifications 106
- operating system information 17
- options key
  - using HP iPAQ 16
- owner information
  - customize 18

- P**
- phone settings
    - adjust ring tone and notification sounds 19
    - auto answer 31
    - automatic frequency band selection 36
    - band control 31
    - blocking calls 33
    - call barring 33
    - call waiting 33
    - caller ID 33
    - changing service settings 31
    - changing the ring type 19
    - checking connection and signal strength 18
    - configuring channels 34
    - create appointments 27
    - edit profiles 20
    - fixed dialing 34
    - forwarding calls 32
    - international roaming 36
    - profiles 19, 20
    - use profiles 19
  - physical specifications 105
  - Pictures & Video application
    - add picture to contact 96
    - add picture to Home screen 97
    - enhance documents 97
    - e-mail pictures 96
    - Snapfish 97
    - switch to camera application 98
    - video support 98
    - view pictures 95
    - view slideshow 96
  - power management
    - adjust brightness settings 20
    - increase font size 21
    - settings 20
  - programs
    - access programs 17
    - install and remove 21
- R**
- register 1
  - register your HP iPAQ 1
  - removable/rechargeable battery 2
- Resets**
- factory/hard 37
  - soft 37
- S**
- serial number, location 17
  - setting up
    - e-mail using Exchange Server 48
    - Internet e-mail 48
  - settings
    - camera settings 61
    - network settings 35
    - power save mode 25
  - setup instructions
    - turn on 9
  - shift key
    - using HP iPAQ 16
  - SIM card, insert 7
  - Snapfish 97
  - Soft reset 37
  - softkeys
    - using HP iPAQ 13
  - speaker 5
  - specifications
    - operating environment 106
    - physical 105
    - system 105
  - status icons 12
  - storage cards
    - inserting 39
    - removing 40
    - viewing contents of a storage card 41
  - symbol key
    - using HP iPAQ 16
  - synchronizing
    - copy files 81
    - links in WMDC 85
    - migrate data 83
    - software 81
    - troubleshooting 83
  - system specifications 105
- T**
- tasks
    - assign dates 59
    - marking a task as completed 60
    - showing dates 59
- Thailand notice 128
- U**
- use HP iPAQ
    - Pictures & Videos 95
    - voice commands 31
  - use messaging
    - add attachment 53
    - compose 52
    - download messages 54
    - download messages from a server 55
    - forward 52
    - reply 52
    - send 52
  - use SIM PIN
    - settings 24
  - using HP iPAQ 26
- V**
- voice notes
    - creating voice Notes 36
    - deleting Voice notes 37
    - listening to voice notes 36
    - renaming voice notes 37
    - reply to e-mails 37
  - volume
    - adjust volume settings 19
- W**
- Windows media player
    - clearing the now playing list 103
    - updating the library 103
    - use Voice Commander 104
  - wired stereo headset 2
  - wireless LAN devices 127
  - Wi-Fi
    - automatically connecting 76
    - deleting a wireless networks 77
    - manually connecting 77
    - settings 76
    - terms 75