

iPAQ Data Messenger User Manual

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▲ - Read the Safety Information section of this user manual.

▲ - Do not use while re-fuelling

▲ - Do not use your HP iPAQ while driving

▲ - This device may produce a bright or flashing light

▲ - For body-worn operation maintain a separation of 1.5 cm

▲ - Do not dispose of in a fire

▲ - Small parts may cause a choking hazard

▲ - Avoid contact with magnetic media

▲ - This device may produce a loud sound

▲ - Avoid Extreme Temperatures

▲ - Keep away from pacemakers and other personal medical device

▲ - Avoid contact with liquid, keep dry

▲ - Switch off when instructed in hospitals and medical facilities

▲ - Do not try and disassemble

▲ - Switch off when instructed in aircrafts and airports

▲ - Do not rely on this device for emergency communications

▲ - Switch off in explosive environments

▲ - Only use approved accessories

PRODUCT SAFETY INFORMATION

Radio Frequency (RF) Exposure

General Statement on RF energy

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

Specific Absorption Rate (SAR)

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2.0 W/kg and the highest SAR value for this device when tested at the ear was [PLACEHOLDER] W/kg*. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user manual**.

As SAR is measured utilizing the device's highest transmitting power, the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum power required to communicate with the network.

*The tests are carried out in accordance with IEC standard PT62209-1.

** Please see *Body worn operation*.

Body worn operation

Important safety information regarding RF radiation exposure

To ensure compliance with RF exposure guidelines the phone must be used with a minimum of 1.5 cm separation from the body.

Failure to observe these instructions could result in your RF exposure exceeding the relevant guideline limits.

Limiting exposure to radio frequency (RF) fields

For individuals concerned about limiting their exposure to RF fields, the World Health Organization (WHO) provides the following advice:

Precautionary measures: Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If individuals are concerned, they might choose to limit their own or their children's RF exposure by limiting the length of calls, or using 'handsfree' devices to keep mobile phones away from the head and body.

Further information on this subject can be obtained from the WHO home page <http://www.who.int/mediacentre/factsheets/fs193/en/> WHO Fact sheet 193: June 2000.

Regulatory information

The following approvals and notices apply in specific regions as noted.

EU: INSERT copy of the "declaration of conformity" [PLACEHOLDER]

US: See FCC Regulations under Wireless Notices.

INSERT other applicable declarations for territories where the phone is to be sold / used [PLACEHOLDER]

DISTRACTION

Driving

Full attention must be given to driving at all times in order to reduce the risk of an accident. Using a phone while driving (even with a handsfree kit) causes distraction and can lead to an accident. You must comply with local laws and regulations restricting the use of wireless devices while driving.

Operating machinery

Full attention must be given to operating the machinery in order to reduce the risk of an accident.

PRODUCT HANDLING

General Statement on handling and use

You alone are responsible for how you use your phone and any consequences of its use.

You must always switch off your phone wherever the use of a phone is prohibited. Use of your phone is subject to safety measures designed to protect users and their environment.

- Always treat your phone and its accessories with care and keep it in a clean and dust-free place.

- Do not expose your phone or its accessories to open flames or lit tobacco products.

- Do not expose your phone or its accessories to liquid, moisture, or high humidity.

- Do not drop, throw or try to bend your phone or its accessories.

- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.

- Do not paint your phone or its accessories.

- Do not attempt to disassemble your phone or its accessories, only authorized personnel must do so.

- Do not expose your phone or its accessories to extreme temperatures, the recommended temperatures range from a minimum of -10 degree Celsius to a maximum of +55 degree Celsius (14 degree Fahrenheit to 131 degree Fahrenheit).

- Please check local regulations for disposal of electronic products.

Do not carry your phone in your back pocket as it could break when you sit down.

Small Children

Do not leave your phone and its accessories within the reach of small children or allow them to play with it.

They could hurt themselves or others, or could accidentally damage the phone.

Your phone contains small parts with sharp edges that may cause an injury or which could become detached and create a choking hazard.

Demagnetization

To avoid the risk of demagnetization, neither allow nor place electronic devices or magnetic media close to your phone for a long time.

Electrostatic Discharge (ESD)

Do not touch the SIM card's metal connectors.

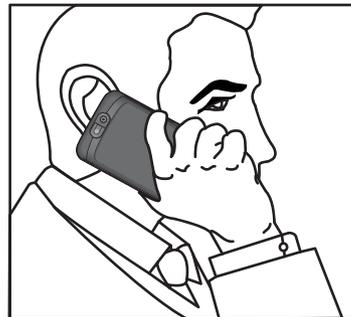
Antenna

Do not touch the antenna unnecessarily.



Normal use position

When making or receiving a phone call, hold your phone close to your ear, with the microphone close to your mouth. For example: use your HP iPAQ the same way you would have used a fixed line phone.



Air Bags

Do not place a phone in the area over an air bag or in the air bag deployment area. Store the phone safely before driving your vehicle.

Seizures/Blackouts

This phone is capable of producing bright flashing lights.

Repetitive Motion Injuries

To minimize the risk of RSI, when texting or playing games with your phone:

- Do not grip the phone too tightly

- Press the buttons lightly

- Make use of the special features in the handset which minimizes the number of buttons to be pressed, such as message templates and predictive text.

- Take lot of breaks to stretch and relax

Emergency Calls

This phone, like any wireless phone, operates using radio signals, which cannot guarantee connection in all conditions. Therefore, you must never rely solely on any wireless phone for emergency communications.

Loud Noise

This phone is capable of producing loud noises which may damage your hearing.

Bright Light

This phone is capable of producing flash of light or use as a torch, do not use it too close to the eyes.

Phone Heating

Your phone may become warm during charging and during normal use.

ELECTRICAL SAFETY

Accessories

Use only approved accessories. Do not connect with incompatible products or accessories. Take care not to touch or allow metal objects, such as coins or key rings, to contact or short-circuit the battery terminals.

Connection to a Car

Seek professional advice when connecting a phone interface to the vehicle electrical system.

Faulty and Damaged Products

Do not attempt to disassemble the phone or its accessory. Only qualified personnel must service or repair the phone or its accessory. If your phone or its accessory has been submerged in water, punctured, or subjected to a severe fall, do not use it until you have taken it to be checked at an authorized service centre.

INTERFERENCE

General statement on interference

Care must be taken when using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.

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 phone in health care facilities or hospitals when there are posted restrictions requiring you to do so.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15 cm be maintained between a mobile phone and a pacemaker to avoid potential interference with the pacemaker. To achieve this use the phone on the opposite ear to your pacemaker and do not carry it in a breast pocket.

Hearing Aids

People with hearing aids or other cochlear implants may experience interfering noises when using wireless devices or when one is nearby.

The level of interference will depend on the type of hearing device and the distance from the interference source, increasing the separation between them may reduce the interference. You may also consult your hearing aid manufacturer to discuss alternatives.

Medical devices

Please consult your doctor and the device manufacturer to determine if operation of your phone may interfere with the operation of your medical device.

Hospitals

Switch off your wireless device when requested to do so in hospitals, clinics or health care facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

Aircraft

Switch off your wireless device whenever you are instructed to do so by airport or airline staff. Consult the airline staff about the use of wireless devices on board the aircraft, if your device offers a 'flight mode' this must be enabled prior to boarding an aircraft.

Interference in cars

Please note that because of possible interference to electronic equipment, some

vehicle manufacturers forbid the use of mobile phones in their vehicles unless a handsfree kit with an external antenna is included in the installation.

EXPLOSIVE ENVIRONMENT

Petrol stations and explosive atmospheres

In locations with potentially explosive atmospheres, obey all posted signs to turn off wireless devices such as your phone or other radio equipment.

Areas with potentially explosive atmospheres include fuelling areas, below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

Blasting caps and areas

Turn off your mobile phone or wireless device when in a blasting area or in areas posted turn off "two-way radios" or "electronic devices" to avoid interfering with blasting operations.

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

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 mm²/18AWG, 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

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.

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

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

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

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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1 Register your HP iPAQ

Register your new HP iPAQ with Hewlett-Packard to perform the following tasks:

- Access support and services, and get the most out of your HP products.
- Sign up for free support alerts, software updates, and personalized newsletters.

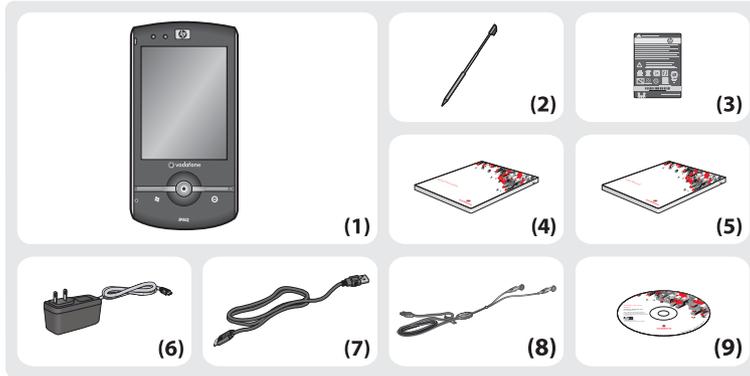
Visit <http://www.register.hp.com> to register your HP iPAQ or to update your postal or e-mail address after registration. You are required to enter your user ID and registration password to edit your online profile. After registering your HP iPAQ, you will receive an e-mail message about special offers and promotions.

 **NOTE:** In addition to the instructions contained in this HP iPAQ User Manual, you can find further product information at <http://www.hp.com/support>.

NOTE: Registration is not supported in all countries/regions.

2 Box contents

The following items are included in the box with your HP iPAQ.



(1)	iPAQ Data Messenger
(2)	Stylus NOTE: Turn the HP iPAQ around to view the back panel. The stylus is located on the back panel at the bottom-right corner of your HP iPAQ.
(3)	1140 mAh Lithium-polymer removable/rechargeable battery
(4)	<i>Quick Start Guide</i>
(5)	<i>User Manual</i>
(6)	AC adapter NOTE: The AC adapter shipped with your HP iPAQ might vary depending on the country/region.
(7)	Micro-USB synchronization cable
(8)	2.5 mm wired stereo headset
(9)	Getting Started CD with additional software

3 Components

To use your HP iPAQ to its full potential, identify components and learn about its functions.

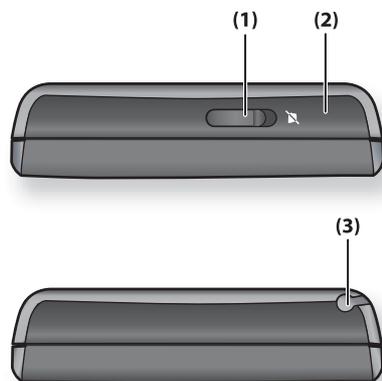
Front panel components



Component	Description	Function
(1)	Proximity Sensor	This component detects when the phone is in use, and then locks the screen and turns off the screen backlight.
(2)	Light Sensor	This component sets the keyboard backlight to the ambient light settings as per the surrounding light conditions.
(3)	Receiver	Use to listen to phone calls, sounds, and notifications.
(4)	Touch-screen Display	Use to view the on-screen contents. Use the stylus to select items, navigate menus, change feature settings, and play games.
(5)	QWERTY Keyboard	Use keys on the keyboard to enter text or dial numbers. NOTE: The keyboard layout might vary depending on the country/region.
(6)	End/Power Key	Press to end a phone or data call. Press and hold for 1 second to put your HP iPAQ into suspend mode, or to wake it up if it is already in suspend mode. Press and hold for 5 seconds to turn on and off the HP iPAQ.
(7)	ok Key	Press to confirm your selection, click the ok button, or click the close window icon in the upper-left corner of the screen.

Component	Description	Function
(8)	5-Way Optical Navigation	Navigate up, down, left, and right on the screen with the 5-way optical navigation. Scroll by sliding your thumb or finger in the direction you want. Press the Center Select button to select the item highlighted on the screen.
(9)	Windows Key	Press to open the Start menu on the screen.
(10)	Microphone	Use for phone conversations, voice notes, or voice commands.
(11)	Answer/Send Key	Press to answer a call, send an SMS, or view the Dialer screen.
(12)	LEDs	View to check the battery, network, or device status. <ul style="list-style-type: none"> • Solid red – Charging • Flashing red <ul style="list-style-type: none"> ◦ Continuous – Low battery ◦ 3 times only – Unable to charge ◦ 3 times, repeating every 5 seconds – Battery temperature too high • Solid green – Battery fully charged and connected to power source • Flashing amber – Network not detected or SIM card missing

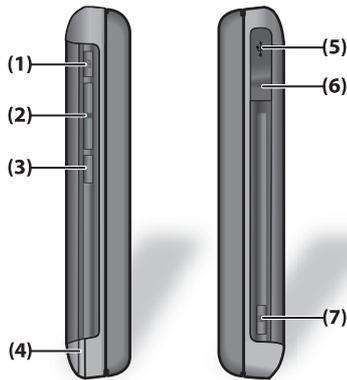
Top and bottom panel components



Component	Description	Function
(1)	Ringer/Sound Switch	Use to switch off incoming call rings and system notification alert sounds.

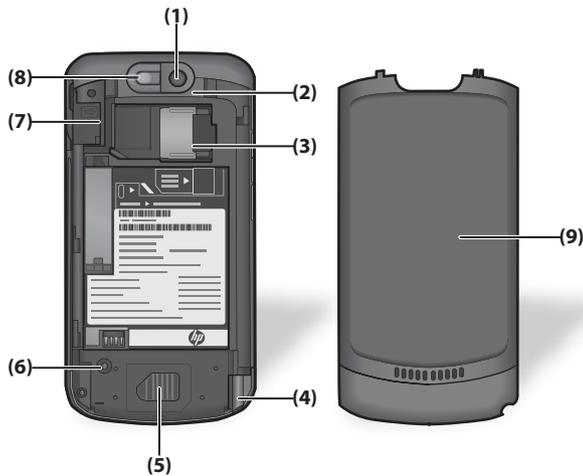
Component	Description	Function
(2)	GPS Antenna	This component detects GPS signals. NOTE: This component will not be visible externally.
(3)	Stylus	Use to select elements on the screen and input information. Slide down to remove the stylus. Slide up to place the stylus.

Left and right side components



Component	Description	Function
(1)	Key Guard	Press to lock the keyboard.
(2)	Volume Up/Down Key	Press to increase or decrease the volume. Press once to temporarily mute the ringtone and notification sounds.
(3)	Messaging	Press to launch Messaging .
(4)	Stylus	Use to select elements on the screen and input information.
(5)	Micro-USB Connector	Use to connect the Micro-USB charging/synchronization cable. NOTE: Open the protective flap to gain access to the slot.
(6)	Stereo Headphone Jack (2.5 mm)	Use to connect headphones. NOTE: Open the protective flap to gain access to the slot.
(7)	Camera Key	Use to launch the camera to capture photos and videos.

Back panel components



Component	Description	Function
(1)	3.1 Megapixel Camera	Use the 3.1 megapixel camera to take pictures. Do not cover the lens while taking pictures.
(2)	Bluetooth and Wi-Fi Antenna	Detects Bluetooth and Wi-Fi signals. NOTE: This component will not be visible externally.
(3)	SIM Card Slot	Insert a SIM card with the metal contacts facing down to make and receive calls.
(4)	Stylus	Use to select elements on the screen and input information. Slide down to remove the stylus. Slide up to place the stylus.
(5)	Speaker	Use the speaker to listen to music or as a speakerphone.
(6)	GSM Antenna	Detects GSM signals. NOTE: This component will not be visible externally.
(7)	MicroSD Slot	Insert a Micro Secure Digital (microSD) storage card with the label-side up for data storage. NOTE: Open the back cover to gain access to the slot.
(8)	Camera Flash LED	Use the camera flash LED to illuminate your subject while you capture photos.
(9)	Back Cover	Covers the battery, SIM card, and microSD card. For more information about installing these components, see Set up your HP iPAQ on page 7 and Storage cards on page 66 .

4 Set up your HP iPAQ

Follow these steps to set up and use your HP iPAQ. Carefully remove your HP iPAQ and all the components from the box before beginning to set up your HP iPAQ.

 **NOTE:** Placing the screen on hard surfaces can cause scratches on the screen.

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

1. Slide the cover down and away from the HP iPAQ.



2. Align the SIM card over the SIM card slot.



3. Slide the SIM card into the SIM card slot.



 **NOTE:** A service provider supplies the SIM card.

If the battery is already inserted, remove it before inserting the SIM card. Also, make sure that the metal contacts are facing down and the notched corner is in the correct position. If the SIM card is not correctly inserted in the HP iPAQ and you turn on the HP iPAQ, the  (No SIM card installed) icon appears in the title bar at the upper-right corner of the screen.

4. Slide the switch, located over the battery, towards the right to lock the SIM card.



Step 2: Install the battery and replace the battery cover

1. Align the battery connectors on the battery with the housing pins in the battery compartment, and insert the battery.



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



Step 3: Charge the battery

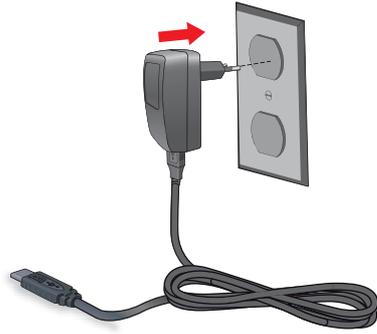
- △ **CAUTION:** To avoid damaging your HP iPAQ or the AC adapter, make sure that all the metal connectors are correctly aligned before connecting.

The battery provides power for your HP iPAQ to operate. Use the AC adapter to charge the battery inside your HP iPAQ.

It takes approximately 2 to 4 hours to fully charge the battery for the first time. Charging might take more time when the HP iPAQ is connected to a powered computer or with non-HP accessories.

To charge the battery:

1. Connect the AC adapter (input: 100-240VAC, 47-63Hz, output: 5VDC, 1A) to an electrical outlet.



2. Open the protective flap on the HP iPAQ.



3. Connect the other end of the cable to the Micro-USB connector port on your HP iPAQ. The cable connector only fits one way. If the connector does not insert easily, turn it over.



 **TIP:** Charge the battery by connecting your HP iPAQ to a USB port on your computer through the Micro-USB synchronization cable. The Microsoft® ActiveSync® or WMDC program appears on the screen if you connect your HP iPAQ to a computer that has the software already installed on the computer.

To enable USB charging on your HP iPAQ, tap **Start > Settings > System > Power > USB Charging**. On the **Power** screen, select the **Use USB Charging** check box, select the **Fast Charging** option, and then tap **ok**.

Step 4: Turn on your HP iPAQ

Press and hold the  (End/Power) key for a few seconds to turn on your HP iPAQ. Follow the instructions on the screen to complete the setup. Tap the keyboard icon on the screen to use the on-screen keyboard. Alternatively, you can use the keyboard to specify information. To learn more about keyboard use, see [Step 6: Use the keyboard on page 13](#).

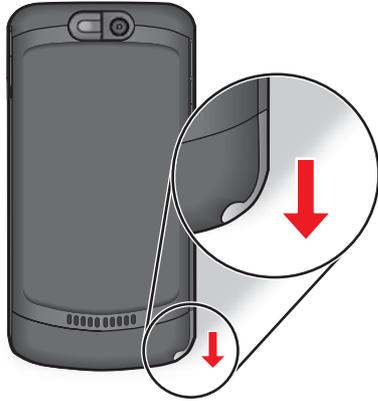
 **NOTE:** The HP iPAQ will take a few minutes to become fully functional. The keyboard will not be active during this period.

Step 5: Locate the stylus

You can use the stylus to tap and enter text using the on-screen keyboard. You can also use the stylus to tap and select items on the screen.

To remove the stylus:

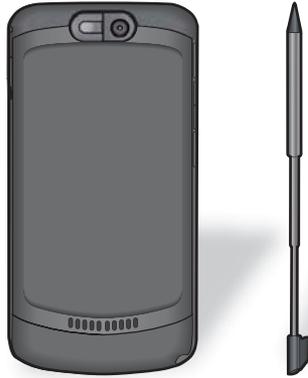
1. Locate the stylus on the back of your HP iPAQ.



2. Push down to extend the stylus.



3. Pull the stylus out of the device.



 **NOTE:** Push the stylus back in to replace it after you finish using it.

Step 6: Use the keyboard

Your HP iPAQ is equipped with a QWERTY keyboard that is similar to a computer keyboard. Slide out the keyboard to enter text, numbers, and symbols on your HP iPAQ. The on-screen content automatically switches to the landscape view. Slide the keyboard into the HP iPAQ to return to the portrait view.

 **NOTE:** The keyboard layout might vary depending on the country/region.

- ▲ Slide the lower half of your HP iPAQ towards the right to view the keyboard to view the keyboard.



- ▲ Slide the lower half of your HP iPAQ towards the left to close the keyboard.



The position in which the keys are arranged on your HP iPAQ might differ according to your country/region. The different keyboard layout appear in the following table.

Keyboard layout

QWERTY layout



QWERTZ layout



AZERTY layout

