

Eee PC User Manual

Eee PC X101H

ASUS is devoted to creating environment-friendly products/ packagings to safeguard consumers' health while minimizing the impact on the environment. In order to reduce the use of substances harmful to the environment, the Eee PC™ product package does not come with the Eee PC™ support DVD. The reduction of the number of the manual pages complies with the reduction of carbon emission. For system recovery, refer to the section Using Recovery Partition for the instruction on the F9 recovery.

For the detailed user manual and related information, refer to the user manual from the Window® desktop or visit the ASUS Support Site at <http://support.asus.com/>

Notes for This Manual

A few notes and warnings are used throughout this guide, allowing you to complete certain tasks safely and effectively. These notes have different degrees of importance as follows:



WARNING! Important information that must be followed for safe operation.



IMPORTANT! Vital information that must be followed to prevent damage to data, components, or persons.



TIP: Tips for completing tasks.



NOTE: Information for special situations.

Sound Pressure warning

Excessive sound pressure from earphones or headphones can cause hearing damage or loss. Adjustment of the volume control as well as the equalizer to settings other than the center position may increase the earphones or headphones output voltage and the sound pressure level.

Transportation Precautions

To prepare your Eee PC for transport, you should turn it OFF and **disconnect all external peripherals to prevent damage to the connectors**. The hard disk drive's head retracts when the power is turned OFF to prevent scratching of the hard disk surface during transport. **Therefore, you should not transport your Eee PC while the power is still ON.** Close the display panel to protect the keyboard and display panel.

The Eee PC's surface is easily dulled if not properly cared for. Be careful not to rub or scrape surfaces when transporting your Eee PC. You can put your Eee PC in a carrying case for protection from dirt, water, shock, and scratches.

Charging Your Batteries

If you intend to use battery power, be sure to fully charge your battery pack before going on long trips. Remember that the power adapter charges the battery pack as long as it is plugged into the computer and an AC power source. Be aware that it takes much longer to charge the battery pack when the Eee PC is in use.

Remember to fully charge the battery (8 hours or more) before first use and whenever it is depleted to prolong battery life. The battery reaches its maximum capacity after a few full charging and discharging cycles.

Airplane Precautions

Contact your airline if you want to use the Eee PC on the airplane. Most airlines have restrictions for using electronic devices. Most airlines allow electronic use only between and not during takeoffs and landings.

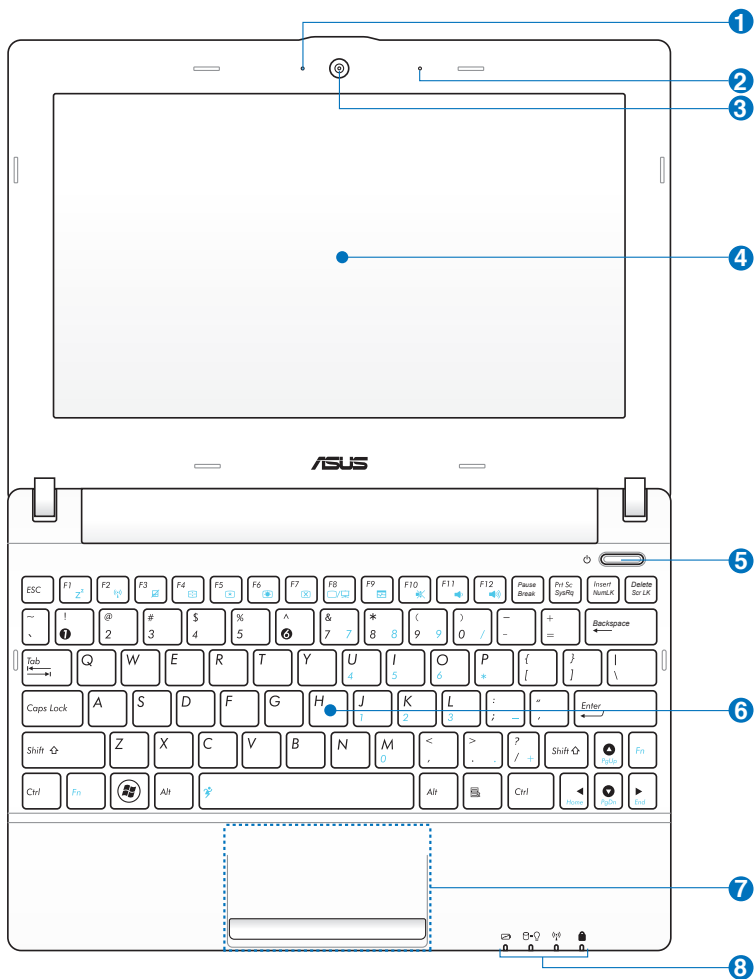



There are three main types of airport security devices: X-ray machines (used on items placed on conveyor belts), magnetic detectors (used on people walking through security checks), and magnetic wands (hand-held devices used on people or individual items). You can send your Eee PC and diskettes through airport X-ray machines. However, it is recommended that you do not send your Eee PC or diskettes through airport magnetic detectors or expose them to magnetic wands.

Top Side



The top side may vary in appearance depending on models.



- 1  **Built-in Camera LED**
- 2  **Microphone (Built-in)**
- 3  **Built-in Camera**
- 4  **Display Panel**
- 5  **Power Switch**

The power switch allows powering ON and OFF the Eee PC and recovering from standby mode. Press the switch once to turn ON and hold it to turn OFF the Eee PC. The power switch only works when the display panel is opened.

 **Power Indicator**

The power indicator lights when the Eee PC is turned ON and blinks slowly when the Eee PC is in the Suspend-to-RAM (Sleep) mode. This indicator is OFF when the Eee PC is turned OFF.

6  **Keyboard**



The keyboard differs for each territory.

7  **Touchpad and Buttons**

8  **Status Indicators**

 **Battery Charge Indicator**

The battery charge indicator (LED) shows the battery charging status as follows:

Powered ON

	With Adapter	Without Adapter
High battery power (95%–100%)	Green ON	Off
Medium battery power (11%–94%)	Orange ON	Off
Low battery power (0%–10%)	Orange Blinking	Orange Blinking

Powered OFF / Standby mode

	With Adapter	Without Adapter
High battery power (95%–100%)	Green ON	Off
Medium battery power (11%–94%)	Orange ON	Off
Low battery power (0%–10%)	Orange Blinking	Off

Hard Disk Drive (HDD) Indicator

The hard disk drive indicator blinks when data is written to or read from the disk drive.

Power Indicator

The power indicator lights when the Eee PC is turned ON and blinks slowly when the Eee PC is in the Suspend-to-RAM (Sleep) mode. This indicator is OFF when the Eee PC is turned OFF.

Wireless Indicator

This is only applicable on models with built-in wireless LAN/

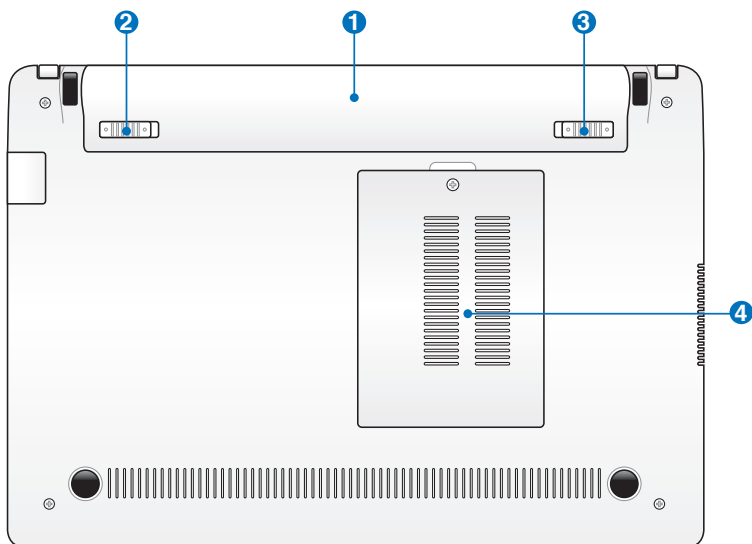
Capital Lock Indicator

Indicates that capital lock [Caps Lock] is activated when lighted. Capital lock allows some of the keyboard letters to type using capitalized letters (e.g. A, B, C). When the capital lock light is OFF, the typed letters will be in the lower case form (e.g. a,b,c).

Bottom Side



The bottom side may vary in appearance depending on model.



The bottom of the Eee PC can get very hot. Be careful when handling the Eee PC while it is in operation or recently been in operation. High temperatures are normal during charging or operation. **DO NOT USE ON SOFT SURFACES SUCH AS SOFAS OR BEDS, WHICH MAY BLOCK THE VENTS. DO NOT PUT THE Eee PC ON YOUR LAP OR OTHER PARTS OF THE BODY TO AVOID INJURY FROM THE HEAT.**

1 Battery Pack

Battery time varies by usage and by the specifications for this Eee PC. The battery pack cannot be disassembled and must be purchased as a single unit.

2 Battery Lock - Spring

The spring battery lock is used to keep the battery pack secured. When the battery pack is inserted, it will automatically lock. To remove the battery pack, this spring lock must be held in the unlocked position.

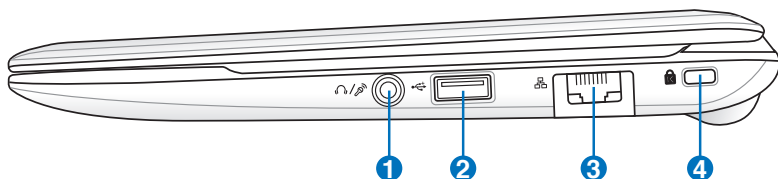
3 **Memory Compartment**

The memory module is secured in a dedicated compartment.

4 **Battery Lock - Manual**

The manual battery lock is used to keep the battery pack secured. Move the manual lock to the unlocked position to insert or remove the battery pack. Move the manual lock to the locked position after inserting the battery pack.

Right Side



1 **Headphone Output / Microphone Input Combo Jack**

The 1/8" stereo combo jack (3.5mm) connects the Eee PC's audio out signal to amplified speakers or headphones. Using this jack automatically disables the built-in speaker.

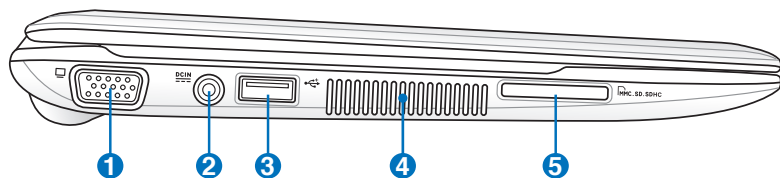
The jack is also designed to connect the microphone used for Skype, voice narrations, or simple audio recordings.

2 **USB Port (2.0/1.1)**

3 **LAN Port**

4 **Kensington® Lock port**

Left Side



1  **15 pin D-Sub Display (Monitor) Output**

2  **Power (DC) Input**

The supplied power adapter converts AC power to DC power for use with this jack. Power supplied through this jack supplies power to the Eee PC and charges the internal battery pack. To prevent damage to the Eee PC and battery pack, always use the supplied power adapter.



THE ADAPTER MAY BECOME WARM TO HOT WHEN IN USE. BE SURE NOT TO COVER THE ADAPTER AND KEEP IT AWAY FROM YOUR BODY.

3  **USB Port (2.0/1.1)**

4 **Air Vents**

The air vents allow cool air to enter and warm air to exit the Eee PC.



Ensure that paper, books, clothing, cables, or other objects do not block any of the air vents or else overheating may occur.

5  **Memory Card Slot**



The built-in memory card reader can read SD/SDHC/MMC cards.

Keyboard Usage



Special Function Keys

The following defines the colored hot keys on the Eee PC's keyboard. The colored commands can only be accessed by first pressing and holding the function key while pressing a key with a colored command. Some function icons appear in the Notification area after activation.



  **Z² Icon (F1):** Places the Eee PC in sleep mode (Suspend-to-RAM).

  **Radio Tower (F2) (Wireless Models Only):** Toggles the internal wireless LAN (on selected models) ON or OFF with an on-screen-display. When enabled, the corresponding wireless indicator will light.



  **Touchpad (F3):** Toggles the touchpad ON/OFF.



  **Resolution Selection (F4):** Press to adjust the display resolution.

  **Sun Down Icon (F5):** Decreases the display brightness.


  **Sun Up Icon (F6):** Increases the display brightness.



  **Crossed Screen Icon (F7):** Turns off the display backlight.

  **LCD/Monitor Icons (F8):** Toggles between the Eee PC's LCD display and an external monitor.



  **Task Manager Icon (F9):** Initiates the Task Manager to view the application process or terminates applications.



  **Crossed Speaker Icon (F10):** Mutes the speaker.



  **Volume Down Icon (F11):** Decreases speaker volume.

  **Volume Up Icon (F12):** Increases the speaker volume.



  **Super Hybrid Engine (Space Bar):** Toggles among various power saving modes. The selected mode is shown on the display.



  **Num Lk (Insert):** Toggles the numeric keypad (number lock) ON and OFF. Allows use of a larger portion of the keyboard for number entering.

  **Scr Lk (Delete):** Toggles the “Scroll Lock” ON and OFF. Allows you to use a larger portion of the keyboard for cell navigation.


  **Pg Up (↑):** Press to scroll up in documents or the web browser.

  **Pg Dn (↓):** Press to scroll down in documents or the web browser.

  **Home (←):** Press to move the pointer to the beginning of the line.

  **End (→):** Press to move the pointer to the end of the line.

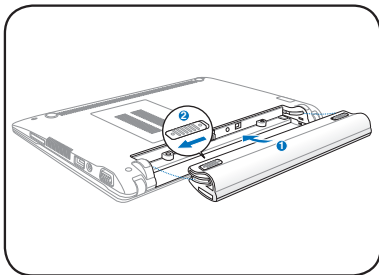
 **Windows icon:** Displays the start menu.

 **Menu with pointer icon :** Activates the properties menu and is equivalent to right-clicking the touchpad/mouse on an object.

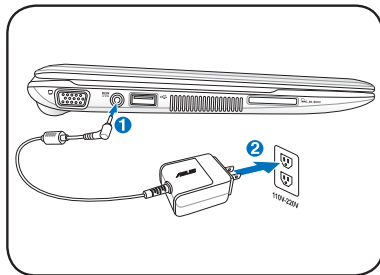
Powering on your Eee PC

These are quick instructions for using your Eee PC.

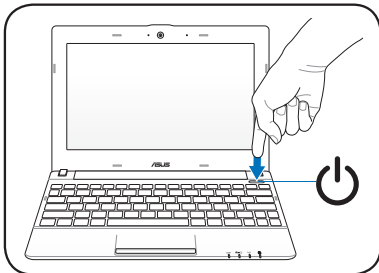
1. Install the battery pack



2. Connect the AC power adapter



3. Turn ON the Eee PC



Damage may occur if you use a different adapter to power the Eee PC. You may damage both your battery pack(s) and the Eee PC with a faulty AC-DC adapter.




- When you open the display panel, do not force it down to the table or else the hinges may break! Never lift the Eee PC by the display panel!
- Only use battery packs and power adapters supplied with this Eee PC or specifically approved by the manufacturer or retailer for use with this model or else damage may occur to the Eee PC. The input voltage range between the wall outlet and this adapter is AC 100V–240V.
- Never attempt to remove the battery pack while the Eee PC is turned ON, as this may result in the loss of working data.



Remember to fully charge the battery before first use and whenever it is depleted to prolong battery life.

Wireless Network Connection

Configuring a wireless network connection (Win7)


1. Click the wireless network icon with an orange star  in the Windows® Notification area.




If the wireless network icon with an orange star does not show in the Notification area, activate the wireless LAN function by pressing <Fn> + <F2> before configuring a wireless network connection.

2. Select the wireless access point you want to connect to from the list and click **Connect** to build the connection.



If you cannot find the desired access point, click the **Refresh** icon  on the upper right corner to refresh and search in the list again.

3. When connecting, you may have to enter a password.
4. After a connection has been established, the connection is shown on the list.
5. You can see the wireless network icon  in the Notification area.



The crossed wireless network icon  appears when you press <Fn> + <F2> to disable the WLAN function.

System Recovery



Disable **Boot Booster** in BIOS setup before you perform system recovery from USB flash disk, external optical drive or hidden partition.



Ensure to connect your Eee PC to the AC power adapter before using F9 recovery to avoid recovery failure.

Using recovery partition (F9 Recovery)

1. Press <F9> during bootup.

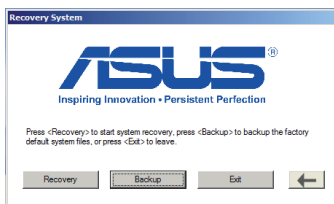


Ensure to press <F9> only once during bootup.

2. Select the language you use and click → to continue.



3. Click **Recovery** in the **Recovery System** dialog box to start the system recovery.



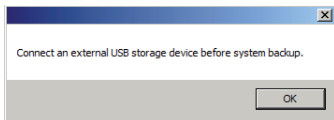
4. The system starts system recovery automatically and follow the onscreen instructions to complete the recovery process.

Back up the recovery files

1. Repeat the step 1–2 in the previous section.
2. Connect a USB storage device to your Eee PC and click **Backup** in the **Recovery System** dialog box to start the recovery files backup.



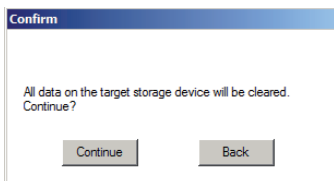
- The size of the connected USB storage device should be larger than 16GB.
- Memory cards are not supported for this function.
- A dialog box appears as a reminder if you have not connected the USB storage device for system recovery backup to your Eee PC.



3. Select a desired USB storage device if more than one USB storage device is connected to your Eee PC and click **Continue**.

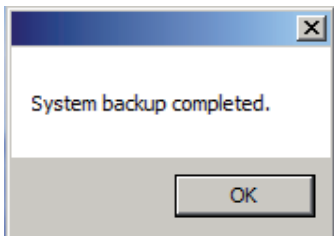


4. All the data on the selected USB storage device will be cleared. Click **Continue** to start the backup or click **Back** to backup your important data.



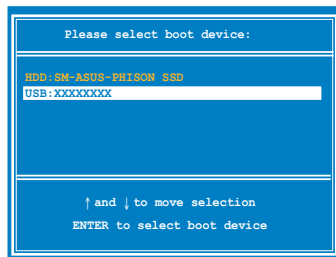
You will lose all your data on the selected USB storage device. Ensure to back up your important data beforehand

5. The system backup starts and click **OK** when done.

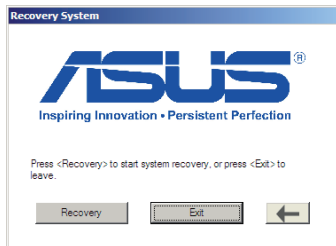


Using the USB storage device (USB recovery)

1. Connect the USB storage device that you backup the system recovery files.
2. Press <ESC> on bootup and the **Please select boot device** screen appears. Select USB:XXXXXXX to boot from the connected USB storage device.



3. Select the language you use and click → to continue.
4. Click **Recovery** to start system recovery.



5. Select a partition option and click **Continue**. Partition options:

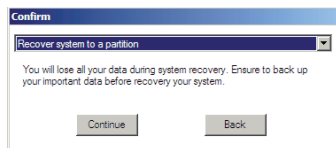
- **Recover system to a partition.**

This option deletes all data on the system partition "C" and keeps the partition "D" unchanged.

- **Recover system to entire HD.**

This option deletes all partitions from your hard disk drive and creates a new system partition as drive "C" and a data partition as drive "D".

6. Follow the onscreen instructions to complete the recovery process.



Boot Booster

The Boot Booster item in BIOS setup helps shorten your Eee PC bootup time. However, you **MUST** disable this BIOS item before you change any Eee PC components or perform system recovery (from USB flash disk, external optical drive or hidden partition). Follow the instructions below to disable Boot Booster:

1. Start the system and press **<F2>** on bootup to show the POST screen. Press **<F2>** again to enter the BIOS setup.
2. Set **Boot Booster** to [Disabled].



If you fail to see the POST screen or enter the BIOS setup by doing the instruction above, restart the system and try pressing **<F2>** repeatedly on bootup.

3. Press **<F10>** to save the configuration and restart Eee PC.



Remember to enable Boot Booster after you complete hardware change or system recovery.

Declarations and Safety Statements

CE Mark Warning



CE marking for devices without wireless LAN

The shipped version of this device complies with the requirements of the EEC directives 2004/108/EC "Electromagnetic compatibility" and 2006/95/EC "Low voltage directive".



CE marking for devices with wireless LAN

This equipment complies with the requirements of Directive 1999/5/EC of the European Parliament and Commission from 9 March, 1999 governing Radio and Telecommunications Equipment and mutual recognition of conformity.

Power Safety Requirement

Products with electrical current ratings up to 6A and weighing more than 3Kg must use approved power cords greater than or equal to: H05VV-F, 3G, 0.75mm² or H05VV-F, 2G, 0.75mm².




Risk of Explosion if Battery is Replaced by an Incorrect Type. Dispose of Used Batteries According to the Instructions.



DO NOT throw the battery in municipal waste. The symbol of the crossed out wheeled bin indicates that the battery should not be placed in municipal waste.



DO NOT throw the Eee PC in municipal waste. This product has been designed to enable proper reuse of parts and recycling. The symbol of the crossed out wheeled bin indicates that the product (electrical,  electronic equipment and mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.



SAFE TEMP: This Eee PC should only be used in environments with ambient temperatures between 5°C (41°F) and 35°C (95°F).

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FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

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

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

CAUTION:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF exposure warning

This equipment must be installed and operated in accordance with provided instructions and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

Max. SAR Measurement (1g): FCC: 0.026W/kg
IC: 0.125W/kg

Canada, Industry Canada (IC) Notices

This Class B digital apparatus complies with Canadian ICES-003 and RSS-210.

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.

Radio Frequency (RF) Exposure Information

The radiated output power of the Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.

This device has been evaluated for and shown compliant with the IC Specific Absorption Rate ("SAR") limits when installed in specific host products operated in portable exposure conditions.

Canada's REL (Radio Equipment List) can be found at the following web address:

<http://www.ic.gc.ca/app/sitt/reltel/srch/nwRdSrch.do?lang=eng>

Additional Canadian information on RF exposure also can be found at the following web address:

<http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08792.html>

Canada, avis d'Industry Canada (IC)

Cet appareil numérique de classe B est conforme aux normes canadiennes ICES-003 et RSS-210.

Son fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas causer d'interférence et (2) cet appareil doit accepter toute interférence, notamment les interférences qui peuvent affecter son fonctionnement.

Informations concernant l'exposition aux fréquences radio (RF)

La puissance de sortie émise par l'appareil de sans fil Dell est inférieure à la limite d'exposition aux fréquences radio d'Industry Canada (IC). Utilisez l'appareil de sans fil Dell de façon à minimiser les contacts humains lors du fonctionnement normal.

Ce périphérique a été évalué et démontré conforme aux limites SAR (Specific Absorption Rate – Taux d'absorption spécifique) d'IC lorsqu'il est installé dans des produits hôtes particuliers qui fonctionnent dans des conditions d'exposition à des appareils portables.

Ce périphérique est homologué pour l'utilisation au Canada. Pour consulter l'entrée correspondant à l'appareil dans la liste d'équipement radio (REL - Radio Equipment List) d'Industry Canada rendez-vous sur:

<http://www.ic.gc.ca/app/sitt/reltel/srch/nwRdSrch.do?lang=eng>

Pour des informations supplémentaires concernant l'exposition aux RF au Canada rendez-vous sur :

<http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08792.html>