Draft 1

VAIO

Notebook Computer

VGN-U Series
Quick Start

SONY

Draft 1

Notice to Users

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The Wireless LAN functionality, which is incorporated into selected models only, has passed Wi-Fi certification and complies with the interoperability specifications established by WFA (Wi-Fi Alliance).

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Reverse engineering or disassembly is prohibited. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connection. The i.LINK connection may vary, depending on the software applications, operating system, and compatible i.LINK devices. All products with an i.LINK connection may not communicate with each other. Please refer to the documentation that came with your compatible i.LINK device for information on operating conditions and proper connection. Before connecting compatible i.LINK PC peripherals to your system, such as a CD-RW or hard disk drive, confirm their operating system compatibility and required operating conditions. All other trademarks are trademarks of their respective owners.

End User / Product Activation Requirements

Certain software product(s) included with this computer may include features such as copy protection and content management technology. Use of the software product(s) requires agreement to applicable end user agreements and full compliance with applicable product activation procedures. Product activation procedures and privacy policies will be detailed during initial launch of the software product(s), or upon certain reinstallations of the software product(s) or reconfiguration of the computer, and may be completed by Internet or telephone (toll charges may apply).

Owner's Record

The model number and serial number are located on the bottom of your Sony VAIO computer. Refer to the model and serial number when you call your Sony Service Center.
Model Number: _____
Serial Number: _____

Safety Information

WARNING

- To prevent fire or shock hazard, do not expose your computer to rain or moisture.
- To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.
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- A socket outlet should be as close as possible to the unit and easily accessible.
- i.LINK, PC Card, and USB connectors are not supplied with Limited Power Sources.
- To prevent possible damage to your computer during transportation, first attach any supplied connector covers and slot protectors in their appropriate locations, and secure the battery pack in the battery bay.
- Do not use or store your computer in a location subject to: Heat sources, such as radiators or air ducts; direct sunlight; excessive dust; moisture or rain; mechanical vibration or shock; strong magnets or speakers that are not magnetically shielded; ambient temperature higher than 95ºF (35ºC) or less than 40ºF (5ºC); and high humidity.
- Only genuine Sony batteries may be used with this computer.

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~~**To change the backup battery, please contact your nearest Sony Service Center.**~~

~~**Caution: The use of optical instruments with this product will increase eye hazard. As the laser beam used in this product is harmful to the eyes, do not attempt to disassemble the cabinet. Refer servicing to qualified personnel only.**~~

~~**(For CD-RW/DVD-ROM and DVD-RW drives) Danger: Visible and invisible laser radiation when open. Avoid direct exposure to beam.**~~

~~**Caution: To reduce the risk of fire, use only No. 26 AWG or larger telecommunication line cord.**~~

AVERTISSEMENT

- Pour prévenir tout risque d'incendie ou d'électrocution, garder cet appareil à l'abri de la pluie et de l'humidité.
- Pour prévenir tout risque d'électrocution, ne pas ouvrir le châssis de cet appareil et ne confier son entretien qu'à une personne qualifiée.
- Ne jamais effectuer l'installation de fil modem ou téléphone durant un orage électrique.
- Ne jamais effectuer l'installation d'une prise téléphonique dans un endroit mouillé à moins que la prise soit conçue à cet effet.
- Ne jamais toucher un fil téléphonique à découvert ou un terminal à moins que la ligne téléphonique n'ait été débranche de l'interface réseau.
- Soyez très prudent lorsque vous installez ou modifiez les lignes téléphoniques.
- Évitez d'utiliser le modem durant un orage électrique.
- N'utilisez pas le modem ni le téléphone pour prévenir d'une fuite de gaz quand vous êtes près de la fuite.
- L'appareil doit être le plus près possible d'une prise murale pour en faciliter l'accès.
- Des connecteurs i.LINK, PC Card, et USB ne sont pas fournis avec des Sources d'Énergie Limitées.
- Afin de prévenir des indemnités à votre ordinateur pendant la transportation, attachez d'abord tous les volets de connecteurs et protecteurs d'emplacements comme il faut, et insérez la batterie dans le logement de la batterie.
- Évitez d'utiliser ou de ranger votre ordinateur dans un endroit soumis à : des sources de chaleur telles que des radiateurs ou des bouches d'aération; la lumière directe du soleil; une poussière excessive; l'humidité ou la pluie; des vibrations ou des chocs mécaniques; des aimants puissants ou des haut-parleurs dépourvus de blindage antimagnétique; une température ambiante supérieure à 35 °C (95°F) ou inférieure à 5 5°C (40°F); et une forte humidité.
- Pour des raisons de sécurité ed/ou de performance, Sony recommande l'utilisation de batteries rechargeables authentiques Sony.

Pour changer la pile de rechange, veuillez contacter votre centre de service Sony le plus près.

Avertissement: L'utilisation d'instruments optiques avec ce produit augmente les risques pour les yeux. Puisque le faisceau laser utilisé dans ce produit est dommageable pour les yeux, ne tentez pas de désassembler le boîtier. Adressez-vous à un agent de service qualifié.

(Pour le lecteurs Combo de CD-RW/DVD-ROM et DVD-RW) Danger: Radiation laser visible et invisible si ouvert. Évitez l'exposition directe au faisceau.

Attention : Afin de réduire les risques d'incendie, n'utilisez qu'un cordon de communication NO. 26 AWG ou plus gros.

If you have questions about this product, you can reach the Sony Customer Information Service Center at 1-888-4-SONY-PC; or write to the Sony Customer Information Service Center at 12451 Gateway Blvd., Ft. Myers, FL 33913 or find Sony Customer Service on the Web at: http://www.sony.com/pcsupport.

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Regulatory Information

Declaration of Conformity

Trade Name:	Sony
Model No.:	PCG-1H1L
Responsible Party:	Sony Electronics Inc.
Address:	16450 W. Bernardo Dr. San Diego, CA 92127 USA
Telephone: (For FCC-related matters only.)	858-942-2230

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.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the 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 the 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/TV technician for help.

You are cautioned that any changes or modifications to the computer not expressly approved in this manual could void your authority to operate this equipment.

Only peripherals (computer input/output devices, terminals, printers, etc.) that comply with FCC Class B limits may be attached to this computer product. Operation with non-compliant peripherals is likely to result in interference to radio and television reception.

All cables used to connect peripherals must be shielded and grounded. Operation with cables connected to peripherals that are not shielded and grounded may result in interference to radio and television reception.

FCC Part 68

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If requested, this information must be provided to the telephone company.

This modem uses the USOC RJ11C telephone jack.

The REN is used to determine the number of devices which may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of the RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to the line, as determined by the total RENs, contact the telephone company to determine the maximum REN for the calling area. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US: AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label.

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. If advance notice is not practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operations of the equipment. If this happens, the telephone company will provide advance notice in order for you to make the necessary modifications in order to maintain uninterrupted service.

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If trouble is experienced with this equipment, you can reach the Sony Customer Information Service Center at 1-888-4-SONY-PC, or write to the Sony Customer Information Service Center at 12451 Gateway Blvd., Ft. Myers, FL 33913; or find Sony Customer Service on the Web at: http://www.sony.com/pcsupport. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

Repair of this equipment should be made only by a Sony Service Center or Sony authorized agent. For the Sony Service Center nearest you, call 1-888-4-SONY-PC (1-888-476-6972).

This equipment cannot be used on public coin service provided by the telephone company. Connection to party line service is subject to state and possible provincial tariffs. Contact the state public or provincial utility service commission, public service commission, or corporation commission for information.

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

Use a surge arrestor to protect against electrical surges.

FCC Radio Frequency Exposure (United States)

The available scientific evidence does not show that any health problems are associated with using low power wireless devices. There is no proof, however, that these low power wireless devices are absolutely safe. Low power Wireless devices emit low levels of radio frequency energy (RF) in the microwave range while being used. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low-level RF that does not produce heating effects causes no known adverse health effects. Many studies of low-level RF exposures have not found any biological effects. Some studies have suggested that some biological effects might occur, but such findings have not been confirmed by additional research. PCG-1H1L has been tested and found to comply with FCC radiation exposure limits set forth for an uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. The maximum SAR levels tested for PCG-1H1L has been show to be 0.994 W/kg at Body.

This device and its antenna(s) must not be co-located or operating with any other antenna or transmitter except Grant condition. Users are not permitted to modify this transmitter device. Any unauthorized change made to this device could void your authority to operate this device.

IC RSS-210 (Canada)

(FOR MODELS WITH WIRELESS LAN) 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.

To prevent radio interference to the licensed service, this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing.

The term “IC:” before the certification/registration number only signifies that the Industry Canada technical specifications were met.

(POUR LES MODÈLES AVEZ RESEAU DE CONNEXIONS LOCAL SANS FIL) L’utilisation de ce dispositif est autorisée seulement aux conditions suivantes: (1) il ne doit pas produire de brouillage et (2) l’utilisateur du dispositif doit être prêt à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

Pour empêcher que cet appareil cause du brouillage au service faisant l’objet d’une licence, il doit être utilisé à l’interieur et devrait être placé loin des fenêtres afin de fournir un écran de blindage maximal. Si le matériel (ou son antenne d’émission) est installé a l’exterieur, il doit faire l’objet d’une licence.

L’expression “IC:” avant le numéro d’homologation/enregistrement signifie seulement que les spécifications techniques d’Industrie Canada ont été respectées.

Telephone Consumer Protection Act of 1991 (United States)

The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device, including fax machines, to send any message unless such message clearly contains, in a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent and an identification of the business, other entity, or individual sending the message, and the telephone number of the sending machine or such business, other entity, or individual. (The telephone number provided may not be a 900 number or any other number for which charges exceed local or long-distance transmission charges.)

In order to program this information into your facsimile machine, see your fax software documentation.

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Telephone Consumer Guidelines (Canada)

Please refer to your telephone directory under 'Privacy Issues' and/or 'Terms of Service.' For more detailed information, please contact:

CRTC
Terrasses de la Chaudière, Tour centrale 1 promenade du Portage, 5 étage Hull PQ K1A 0N2.

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

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

RECYCLING LITHIUM ION BATTERIES

RECYCLING LITHIUM-ION BATTERIES

Lithium-Ion batteries are recyclable.

You can help preserve our environment by returning your used rechargeable batteries to the collection and recycling location nearest you.

For more information regarding recycling of rechargeable batteries, call toll free 1-800-822-8837, or visit http://www.rbrc.org/.

Caution: Do not handle damaged or leaking Lithium-Ion batteries.

RECYCLAGE DES ACCUMULATEURS AUX IONS DE LITHIUM

RECYCLAGE DES ACCUMULATEURS AUX IONS DE LITHIUM

Les accumulateurs aux ions de lithium sont recyclables.

Vous pouvez contribuer à préserver l'environnement en rapportant les piles usées dans un point de collection et recyclage le plus proche.

Pour plus d'informations sur le recyclage des accumulateurs, téléphonez le numéro gratuit 1-800-822-8837 (Etats-Units et Canada uniquement), ou visitez http://www.rbrc.org/.

Avertissment: Ne pas utiliser des accumulateurs aux ions de lithium qui sont endommagées ou qui fuient.

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Do not handle damaged or leaking lithium ion batteries.

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.

The battery pack used in this device may present a fire or chemical burn hazard if mistreated. Do not disassemble, heat above 140°F (60°C) or incinerate. Dispose of used battery promptly. Keep away from children.

Ne pas utiliser des batteries au lithium ionisé qui sont endommagées ou qui fuient.

Une batterie non conforme présente un danger d'explosion. La remplacer seulement par une batterie identique ou de type équivalent recommandé par le fabricant. Évacuer les batteries usées selon les directives du fabricant.

La manutention incorrecte du module de batterie de cet appareil présente un risque d'incendie ou de brûlures chimiques. Ne pas démonter, incinérer ou exposer à une température de plus de 60°C. Évacuer promptement la batterie usée. Garder hors de portée des enfants.

INDUSTRY CANADA NOTICE

NOTICE: This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications.

The Ringer Equivalence Number (REN) for this terminal equipment is 0.2. The REN assigned to each terminal equipment provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed five.

AVIS DE L'INDUSTRIE CANADA

REMARQUE: Cet équipement est conforme aux Spécifications Techniques des Équipements Terminaux d'Industrie Canada en vigueur.

Le Nombre Équivalent de Sonneries (REN) de cet équipement terminal est 0,2. Le REN attribué à chaque équipement terminal indique le nombre maximum de terminaux que l'on peut connecter à une interface téléphonique. Il est possible de raccorder à une interface plusieurs combinaisons d'appareils, mais la somme des Nombres Équivalents de Sonneries de tous ces appareils ne doit pas dépasser cinq.