

**SONY**

***VAIO Digital Studio®  
Computer Quick Start***

**PCV-RZ40 (G/Y) Series**

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### **Owner's Record**

The model number and serial number are located on the back panel of your Sony VAIO® computer. Record the model and serial number in the space provided here, and keep in a secure location. Refer to the model and serial numbers when you call your Sony Service Center.

Model Number:	
Serial Number:	

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## Safety Information and Caution

Your computer's installed optical drives may vary, depending on the system configuration you have purchased. See the online specifications sheet for details on your installed optical drives. For questions regarding your product or for the Sony Service Center nearest you, visit the Sony Computing Support Web site at <http://www.sony.com/pcsupport>.

- To prevent fire or shock hazard, do not expose your desktop to rain or moisture.
- To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.
- Never install modem or telephone wiring during a lightning storm.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- Never touch uninsulated telephone wire or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- Avoid using the modem during an electrical storm.
- Do not use the modem or a telephone to report a gas leak in the vicinity of the leak.
- The socket outlet shall be installed near the equipment and shall be easily accessible.



**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 drive cabinet. Refer servicing to qualified personnel only.**



**Danger—Visible and invisible laser radiation when open. Avoid direct exposure to beam.**



**For DVD-RW: Danger—Visible and invisible laser radiation when open. Avoid direct exposure to beam.**



**For CD-RW: Danger—Invisible laser radiation when open. Avoid direct exposure to beam.**



**Caution—For ADSL and V.90 modem models; to reduce the risk of fire, use only No. 26 AWG or larger telecommunication line cord.**

- 
- 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 débranché 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 vous êtes près de la fuite.
  - L'appareil doit être le plus près possible d'une prise murale pour en faciliter l'accès.



**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.**



**Danger: Radiation laser visible et invisible si ouvert. Évitez l'exposition directe au faisceau.**



**Pour les DVD-RW: Danger—Radiation laser visible si ouvert. Évitez l'exposition directe au faisceau.**



**Pour les CD-RW: Danger—Radiation laser visible et invisible si ouvert. Évitez l'exposition directe au faisceau.**



**Attention: Pour ADSL et V.90 modele modem; afin de réduire les risques d'incendie, n'utilisez qu'un cordon de communication NO. 26 AWG ou plus gros.**

---

## Regulatory Information

### Declaration of Conformity

Trade Name:	SONY
Model No.:	PCV-1132
Responsible Party:	Sony Electronics Inc.
Address:	680 Kinderkamack Rd. Oradell, NJ 07649
Telephone:	201-930-6972

This phone number is for FCC-related matters only.

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.

Model No.: PCVA-IMB5A (For models equipped with Giga Pocket features)

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.

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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 the 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.

You are cautioned that any changes or modifications 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 noncompliant 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.

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## FCC Part 68

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

This modem uses the USOC RJ-11 telephone jack.

A telephone plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. The REN is used to determine the quantity 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. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US:AAEQ##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. But 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.

If trouble is experienced with this equipment, for repair or warranty information, please contact the Sony Customer Information Service Center at 1-888-4-SONY-PC (1-888-476-6972), or write to the Sony Customer Information Center, 12451 Gateway Blvd., Fort Myers, FL 33913, or find Sony Customer Service on the Web at <http://www.sony.com/pcsupport>. If this equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment from the network 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), or visit the Sony Computing Web site at <http://www.sony.com/pcsupport>.

Connection to Party Line Service is subject to state tariffs. Contact the state public utility 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.

Please use a surge arrester against electrical surges.

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## 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.

## 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.

## Disposal of Lithium Battery

You can return your unwanted lithium batteries to your nearest Sony Service Center or Factory Service Center.



In some areas the disposal of lithium batteries in household or business trash may be prohibited.

For the Sony Service Center nearest you, call 1-888-476-6972 in the United States or 1-800-961-7669 in Canada.



**Do not handle damaged or leaking lithium batteries. In some areas, the disposal of lithium batteries in household or business trash may be prohibited.**

**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 212°F (100°C), or incinerate. Dispose of used battery promptly. Keep away from children.**



**Ne pas manipuler les batteries au lithium qui fuient ou sont endommagées.**

**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 100°C. Évacuer promptement la batterie usée. Garder hors de portée des enfants.**

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## **Industry Canada Notice**

This equipment meets the applicable Industry Canada technical specifications.

The Ringer Equivalence Number (REN) is an indication of the maximum number of devices 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 RENs of all the devices does not exceed 5.

## **Avis de L'Industrie Canada**

Le présent matériel est conforme aux spécifications techniques applicables d'Industrie Canada.

L'indice d'équivalence de la sonnerie (IES) sert à indiquer le nombre maximal de terminaux qui peuvent être raccordés à une interface téléphonique. La terminaison d'une interface peut consister en une combinaison quelconque de dispositifs, à la seule condition que la somme d'indices d'équivalence de la sonnerie de tous les dispositifs n'excède pas 5.

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# *Getting Started*

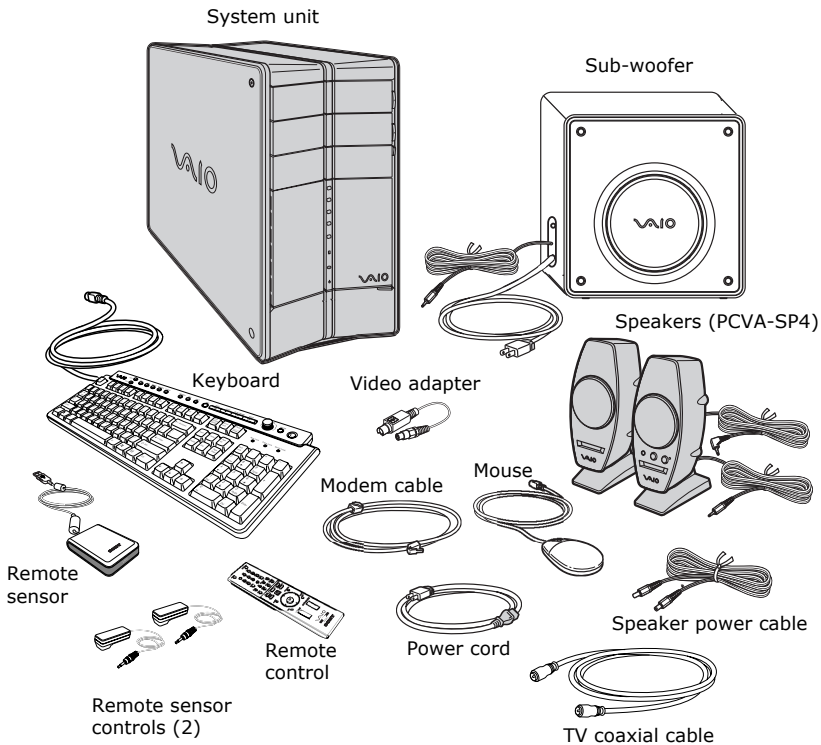
*Congratulations on your purchase of the Sony VAIO® computer! Your new, high-performance, multimedia computer combines state-of-the-art computer functionality with the latest audio, video and information technology features.*

## Unpacking your Computer

Your computer may not be supplied with all of the accessories shown, depending on the system configuration you purchased. For details on the accessories supplied with your computer, see the online *Specifications* sheet.

 Your VAIO® computer is not supplied with System or Application Recovery CDs. Use the VAIO Recovery Wizard utility to recover your computer's operating system and preinstalled software.

### Computer and supplied accessories



## Manuals

- ❑ **VAIO® Computer Quick Start** — Provides basic information on setting up and registering your computer. The Quick Start also provides resources for technical support, safety guidelines and owner information.

## Online Documentation

- ❑ **VAIO® Computer User Guide** — Contains features and specifications of your computer. It also includes information on the Microsoft® Windows® XP Media Center Edition operating system, the software programs included with your system, and solving common problems.

To access the online User Guide:

- 1 Click **Start** in the Windows taskbar, then click **Help and Support**.
- 2 From the **VAIO Help and Support Center** menu, click **VAIO User Guide**.

- ❑ **Specifications** — This online specification sheet describes the hardware and software configuration of your VAIO computer. To access this information, go to the online *Specifications* sheet.

- ❑ **VAIO Software** — Provides specific information on certain preinstalled software on your computer.

To access this online software information:

- 1 Click **Start** in the Windows® taskbar.
- 2 Click **Welcome to VAIO Life**.

## Hard Disk Drive Recovery

Your computer is equipped with the VAIO Recovery Wizard utility program that recovers your computer's operating system and preinstalled software. For more information about hard disk drive recovery:

- 1 Click **Start** in the Windows® taskbar, then click **Help and Support**.
- 2 From the **VAIO Help And Support Center**, click **VAIO Recovery Options**.

## Other

A software library, containing the Microsoft® software and Sony® end-user license agreements.



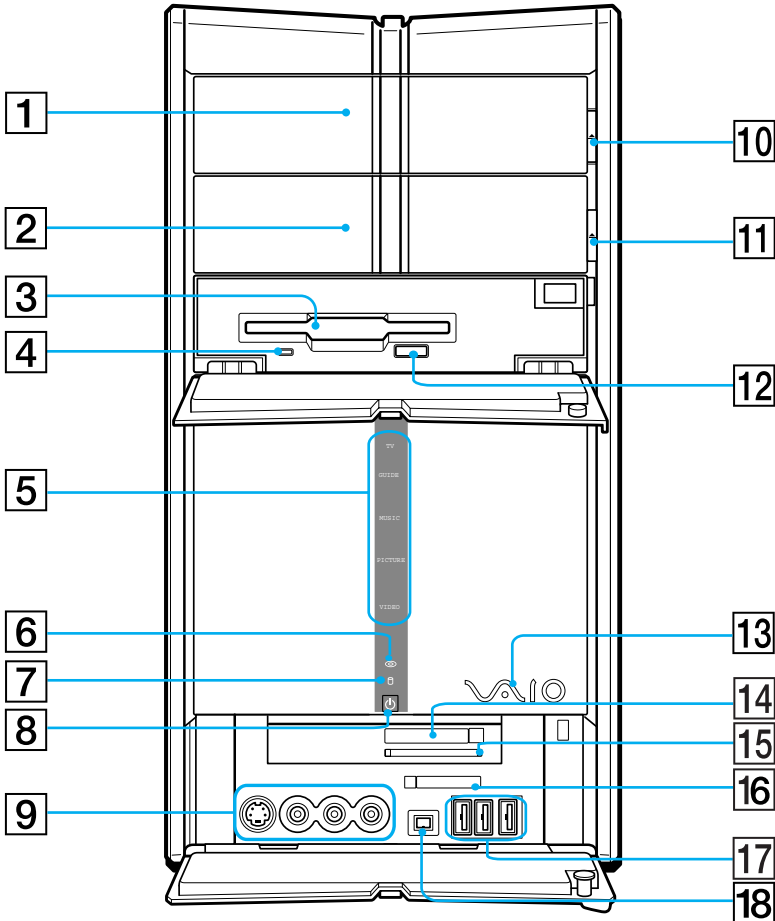
# *Locating Controls And Ports*

*This section is intended to familiarize you with the controls, ports and jacks on your computer. Your computer may not be equipped with all of these hardware features, and the location of the controls, ports, and jacks may vary from the illustrations shown in this section. To view the specific connection capabilities for your system, see the online specifications sheet.*

## About the Front Panel

The front panel of your VAIO® Computer enables access to drives, media slots, ports and jacks that enable you to connect compatible peripheral devices.

### Front panel



- 
- 1 Optical drive 1**  
See the online *Specifications* sheet for optical drive information.
- 
- 2 Optical drive 2**  
See the online *Specifications* sheet for optical drive information.
- 
- 3 Floppy disk drive**  
Reads and writes data from and to a 3.5-inch floppy disk.
- 
- 4 Floppy disk drive access indicator**  
Light is green while reading and writing data from and to a floppy disk.
- 
- 5 Media Center indicator**  
Light is blue when a specific Media Center feature is active.
- 
- 6 Optical drive access indicator**  
Light is amber while reading and writing data from and to the optical drives.
- 
- 7 Hard disk drive access indicator**  
Light is amber while reading and writing data from and to the hard disk.
- 
- 8 Power switch and Stand by indicator**  
Turns the computer on and off. The indicator light is amber when the computer is placed in Stand by mode.
- 
- 9 S-video In jack**  
Connection for an S-video cable (optional).  
**Composite video In jack**  
Connection for a video cable (optional).  
**Composite audio L In jack**  
Connection for an audio cable (optional).  
**Composite audio R In jack**  
Connection for an audio cable (optional).
- 
- 10 Optical drive 1 eject button**  
Ejects a disc from Optical drive 1.
-

- 
- 11 Optical drive 2 eject button**  
Ejects a disc from Optical drive 1.
- 
- 12 Floppy disk eject button**  
Ejects a floppy disk from the floppy disk drive.
- 
- 13 Power indicator (VAIO)**  
Light is white while the computer is on. The indicator turns off when the computer is in Stand by mode or turned off.
- 
- 14 CompactFlash® and Microdrive media slot**  
Reads and writes data from and to CompactFlash and MicroDrive media.
- 
- 15 SmartMedia™ media slot**  
Reads and writes data from and to SmartMedia cards.
- 
- 16 Memory Stick® media slot and access indicator**  
Reads and writes data from and to a Memory Stick® media. The access indicator light is amber when reading or writing data.
- 
- 17 Universal Serial Bus (USB 2.0) ports (3)**  
Connections for compatible high/full/low-speed USB devices.
- 
- 18 i.LINK (4-pin) S400 port (IEEE 1394)**  
Connection for a compatible digital device.
- 



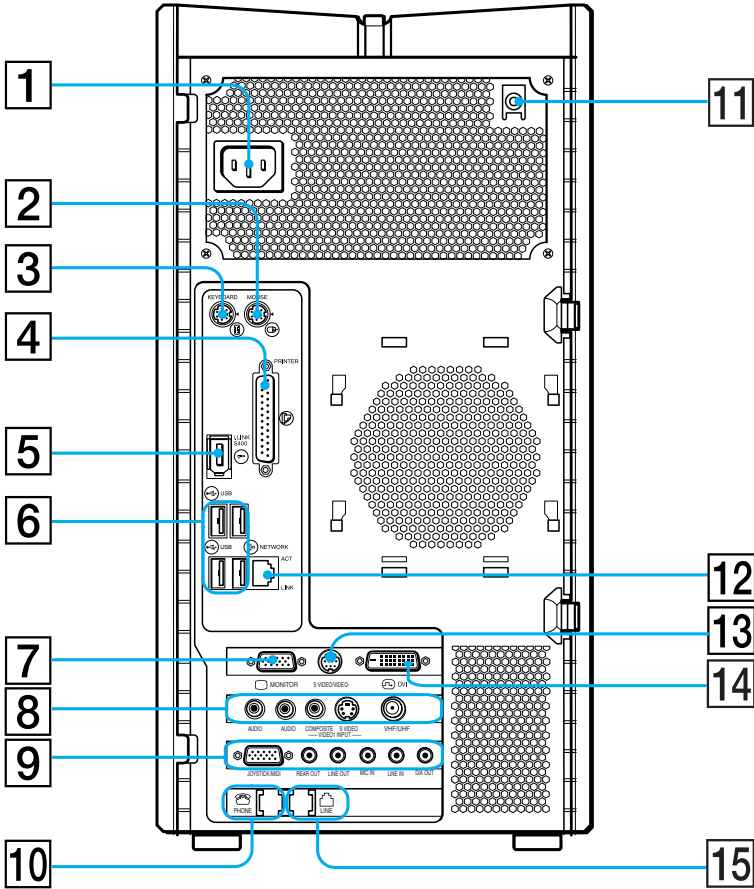
i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connection. The i.LINK connection may vary, **depending on the software** programs, operating system, and compatible i.LINK devices. All products with an i.LINK connection may not communicate with each other.

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 devices to your system, such as an optical or hard disk drive, confirm their operating system compatibility and required operating conditions.

## About the Back Panel

The back panel of your computer contains the ports for supplied and optional accessories. The icons on the back panel locate and identify the ports on your computer. The location of certain ports and jacks may vary from the illustration, based on the computer model purchased.

### Back panel



- 
- |          |  |
|----------|--|
| <b>1</b> | <b>AC Input port</b><br>Connection for the supplied power cord.  |
| <b>2</b> | <b>Mouse port</b><br>Connection for a PS/2® mouse.   |
| <b>3</b> | <b>Keyboard port</b><br>Connection for a PS/2 keyboard.  |
| <b>4</b> | <b>Printer port</b><br>Connection for a parallel device, such as a printer or scanner.   |
| <b>5</b> | <b>i.LINK 6-pin S400 port (IEEE 1394)</b><br>Connection and power for a compatible digital device, such as a Sony Digital Handycam® camcorder.   |
| <b>6</b> | <b>Universal Serial Bus (USB 2.0) ports (4)</b><br>Connections for compatible high/full/low-speed USB devices.   |
| <b>7</b> | <b>Monitor port</b> <sup>*</sup><br>Connection for a standard display.   |
| <b>8</b> | <b>Composite audio R In jack</b><br>Connection for an audio cable (optional).<br><b>Composite audio L In jack</b><br>Connection for an audio cable (optional).<br><b>Composite video In jack</b><br>Connection for a video cable (optional).<br><b>S-video In jack</b><br>Connection for an S-video cable (optional)<br><b>VHF/UHF port</b><br>Connection for a TV coaxial cable (supplied). |
| <b>9</b> | <b>Joystick/MIDI port</b><br>Connection for a joystick or MIDI device.<br><b>Rear Out jack</b><br>Connection for optional speakers or external amplifier.<br><b>Line Out jack</b> <sup>†</sup><br>Connection for the supplied sub-woofer, or optional speakers or headphones.<br><b>Microphone In jack</b><br>Connection for a microphone (optional).  |
-

---

**9 Line In jack**

continued Connection for an audio device.

**Analog/Digital Out jack**

Connection for external digital devices or digital speaker systems.

---

**10 Telephone jack**

Connection for a telephone cable (optional) to the computer.


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**11 Speaker DC Out jack**

Connection for the speaker power cable (supplied).

---

**12 Ethernet port**

Connection for a 10BASE-T/100BASE-TX/1000BASE-TX Ethernet.  
(The port marked with  (Network) is for LAN connections only.)

---

**13 TV Out (S-video/video) jack**

Connection for an S-video cable.

---

**14 Monitor (DVI) port<sup>\*</sup>**

Connection for a DVI monitor.

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**15 Modem line jack**

Connection for the modem (supplied) cable to the wall jack.

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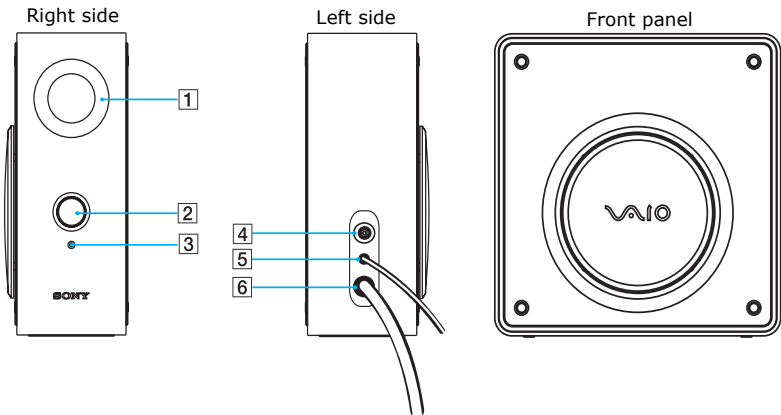
\* The location of this monitor port may vary, depending on the computer model purchased.

† Certain VAIO computers are supplied with a sub-woofer unit. See the Specifications sheet for information on your computer's supplied accessories.

## About the Sub-woofer

Certain VAIO® computers are supplied with a sub-woofer unit to enhance your system's sound capability.

### Sub-woofer unit

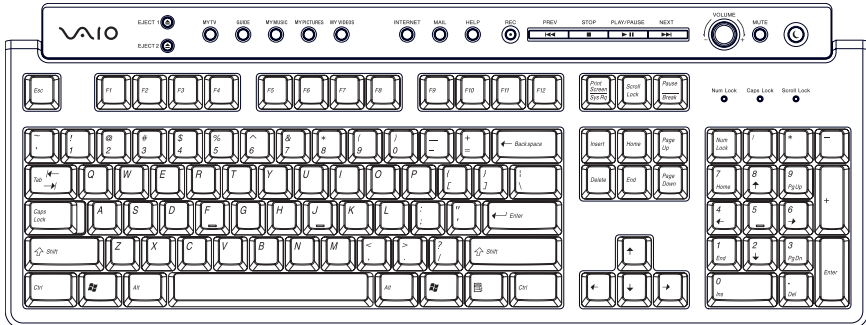


- 
- 1 Port**  
The port extends the low frequency response to extend the volume output of the sub-woofer unit.
- 
- 2 Power knob/volume control**  
Rotate the knob clockwise to turn on the sub-woofer unit. Control the volume by rotating the knob until the desired volume is reached. Rotate the knob counter-clockwise to turn off the sub-woofer unit.
- 
- 3 Power indicator**  
Light is green while the power is on.
- 
- 4 Speaker jack**  
Connection for the speaker cable (RCA plug).
- 
- 5 Sub-woofer unit cable**  
Connects the sub-woofer unit to the computer's Line Out jack.
- 
- 6 AC power cord**  
Connects the sub-woofer unit to a grounded AC wall outlet or power strip.
-

## About the Keyboard

Your VAIO® keyboard uses a standard key arrangement with additional keys that perform specific functions.

### VAIO keyboard with Media Center features





<b>BUTTON</b>	<b>DESCRIPTION</b>
<b>EJECT 1</b>	Opens the optical drive 1 tray.
<b>EJECT 2</b>	Opens the optical drive 2 tray.
<b>MY TV</b>	Opens the My TV window of Windows® Media Center.
<b>GUIDE</b>	Opens the TV program guide of Media Center.
<b>MY MUSIC</b>	Opens the My Music window of Media Center.
<b>MY PICTURES</b>	Opens the My Pictures window of Media Center.
<b>MY VIDEOS</b>	Opens the My Videos window of Media Center.
<b>INTERNET</b>	Opens the Internet browser.
<b>MAIL</b>	Opens the e-mail software program.

<b>BUTTON</b>	<b>DESCRIPTION</b>
<b>HELP</b>	Opens the Media Center Help guide.
<b>REC</b>	Records TV programs.
<b>PREV</b>	Press once to return to the beginning of the DVD chapter, video track, or audio track. Press twice to return to the previous DVD chapter, video track, or audio track.
<b>STOP</b>	Stops media recording or playback.
<b>PLAY/PAUSE</b>	Pauses the movie, video, slide show, or audio track. Press again to resume playback.
<b>NEXT</b>	Advances to the next DVD chapter, video track, or audio track.
<b>VOLUME knob</b>	Increases (+) and decreases (-) the volume as you turn the knob.
<b>MUTE</b>	Turns the sound off. Press again to restore sound.
<b>STANDBY</b>	Places the computer in Stand by mode to reduce power consumption. Press any key briefly to resume normal operation.

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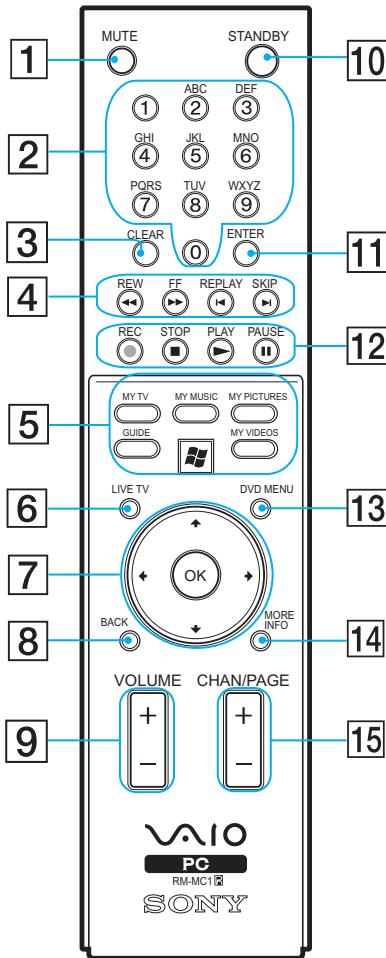
<b>KEY</b>	<b>DESCRIPTION</b>
<b>Function</b>	The 12 function keys along the top of the keyboard are used to perform certain tasks. The task associated with each function key may vary between software programs.
<b>Numeric keypad</b>	Use the numeric keypad area to type numbers or to perform basic math calculations. Press the Num Lock key to activate the numeric keypad. (The Num Lock indicator lights.) Press the Num Lock key again to deactivate the numeric keypad.
<b>Directional Arrows</b>	The Up, Down, Left, and Right arrow keys move the pointer on the screen.
<b>Applications</b> 	The Applications key displays a shortcut menu in certain software programs. Pressing this key is equivalent to clicking the right mouse button.
<b>Windows</b> 	The key with the Microsoft® Windows® logo, displays the Start menu. Pressing this key is equivalent to clicking Start on the taskbar.
<b>INDICATORS</b>	<b>FUNCTION</b>
<b>Num Lock</b>	The Num Lock indicator lights when the numeric keypad is activated. When the indicator is off, the directional arrow and correction keys on the numeric keypad area are active.
<b>Caps Lock</b>	The Caps Lock indicator lights to advise you that the keyboard is set to type letters in uppercase. When the indicator is off, the letters appear in lower case as you type.
<b>Scroll Lock</b>	The Scroll Lock indicator lights to advise you that your screen's scrolling pattern has changed. When the indicator is off, the screen scrolls normally. This function is not available with all software programs.


---

## About the Remote Control

The Windows® XP Media Center Edition features are controlled with the supplied remote control. The remote control can start and stop video recording and playback, select channels, and set viewing preferences. This section describes the basic functions of your remote control.

### Remote Control



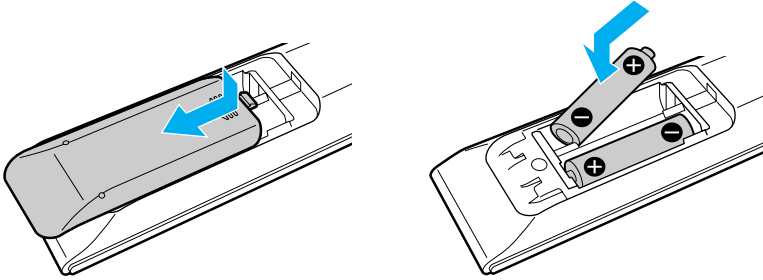
- 
- 1 MUTE button**  
Press to turn off the sound. Press again to restore the sound.
- 
- 2 Channel number buttons (0-9)**  
Press to select specific channels or enter text.  
(Press **OK** to activate the channel selection.)
- 
- 3 CLEAR button**  
Use as a backspace key to delete entered text.
- 
- 4 REW button**  
Press to move media backward at two speeds.  
**FF button**  
Press to fast-forward media at three speeds.  
**REPLAY button**  
Press to move media backward, for example, one audio track, one DVD chapter, and seven seconds of TV or video.  
**SKIP button**  
Press to move media forward, for example, one audio track, one DVD chapter, and 30 seconds of recorded TV or video.
- 
- 5 MY TV button**  
Press to change from the on-screen image to the TV.  
**MY MUSIC button**  
Press to view and listen to your music playlists.  
**MY PICTURES button**  
Press to view pictures or a slide show.  
**GUIDE button**  
Press to view the TV program guide for your area.  
**START  button**  
Press to open the Media Center Start menu.  
**MY VIDEOS button**  
Press to view videos from your video collection.
- 
- 6 LIVE TV button**  
Press to view TV in full-screen mode.
- 
- 7 Directional arrows**  
Press the Up, Down, Left, and Right arrow keys to move the pointer on the screen.  
**OK button**  
Press OK to select the desired action or window option. If watching full-screen TV press OK to return to the previous channel. Press OK again to toggle channels.
-


- 
- |           |  |
|-----------|--|
| <b>8</b>  | <b>BACK button</b><br>Press to return to the previous window.  |
| <b>9</b>  | <b>VOLUME button</b><br>Press to increase (+) or decrease (-) the volume.  |
| <b>10</b> | <b>STANDBY button</b><br>Press to place the computer in Standby mode to reduce power consumption. Press any key briefly to resume normal operation.  |
| <b>11</b> | <b>ENTER button</b><br>Press to stop recording.  |
| <b>12</b> | <b>REC button</b><br>Press to begin recording.<br><b>STOP button</b><br>Press to stop media playback.<br><b>PLAY button</b><br>Press to begin media playback.<br><b>PAUSE button</b><br>Press to pause media playback. Press again to resume playback. |
| <b>13</b> | <b>DVD MENU button</b><br>Press to open the main menu on a DVD.  |
| <b>14</b> | <b>MORE INFO button</b><br>Press to view any available information about the selected media.   |
| <b>15</b> | <b>CHAN/PAGE button</b><br>Press to change, page up and down channels automatically (no number input required).  |
-

### **To set up the remote control**

Insert two AA batteries (supplied) into the remote control as shown.

#### ***Inserting batteries into the remote control***



 If your remote control does not operate properly, you may need to replace the batteries. If your remote control is not being used for extended periods of time, remove the batteries to avoid possible damage from battery leakage.



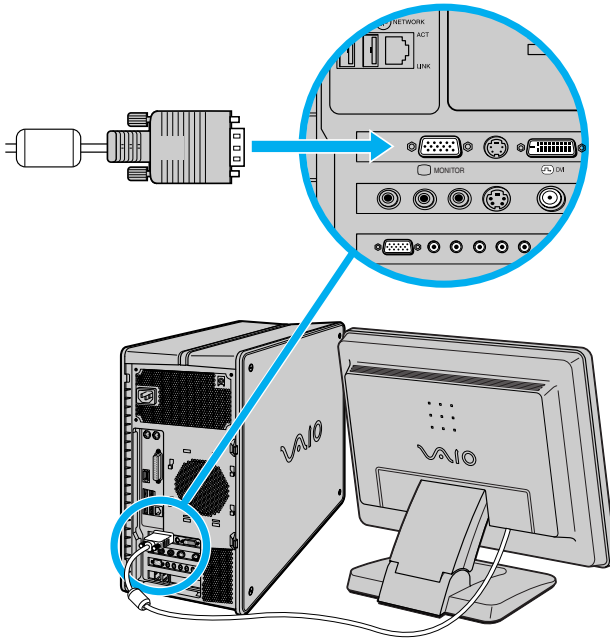
# Setting Up Your Computer

*This section describes how to set up your computer and peripheral equipment. Your computer may not be equipped with all of the hardware features described in this section, and the location of the controls, ports, and jacks may vary from the illustrations shown.*

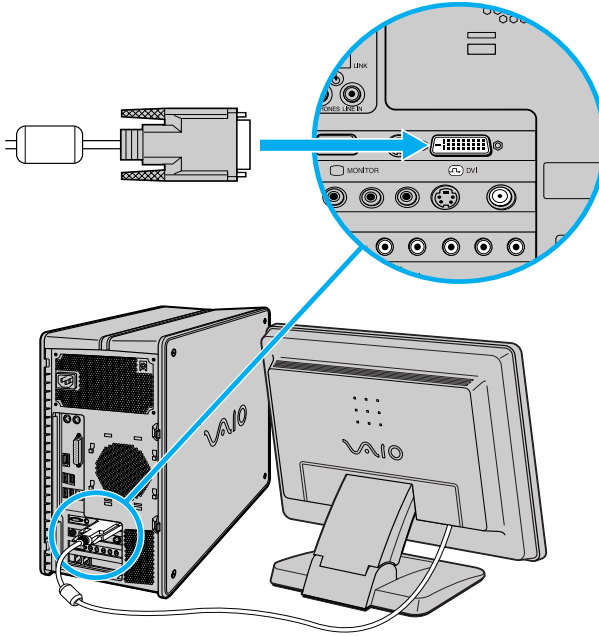
## Connecting a Display (Monitor)


- 1 Plug the display's cable into the monitor port.
- 2 If necessary, plug the display's cable into the rear of the display.

*To connect a display*



**To connect a DVI display**

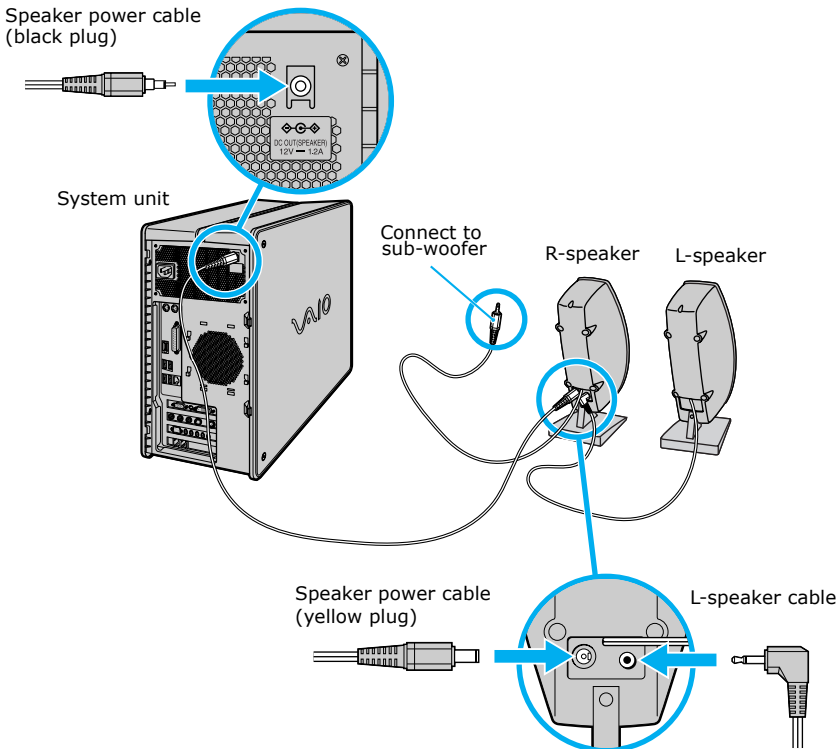


 Install your equipment so that you can easily reach the power outlet in the event of an emergency.

## Connecting the Speakers and Sub-woofer Unit

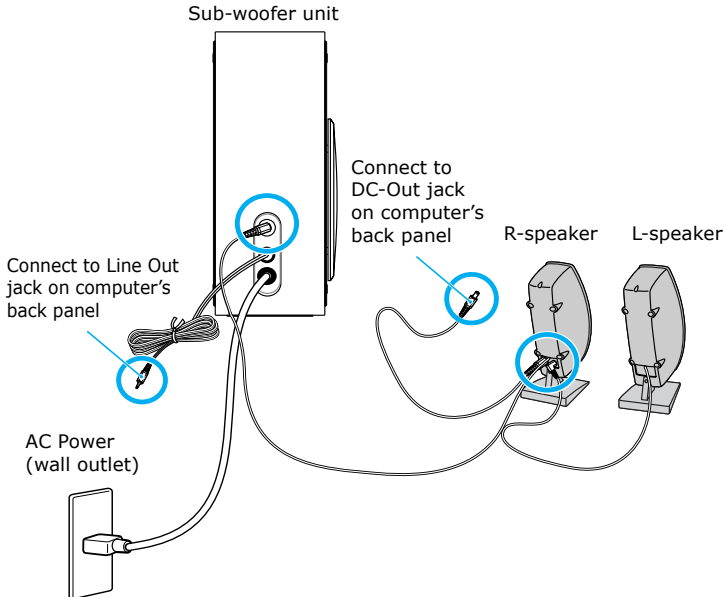
- 1 Plug the cable attached to the back of the left speaker into the L Out jack on the back of the right speaker.
- 2 Insert the yellow plug of the speaker power cable into the DC In jack (yellow) on the back of the right speaker.
- 3 Insert the black plug of the speaker power cable into the DC Out jack located on the back panel of your computer.

### To connect the computer, speakers, and sub-woofer unit



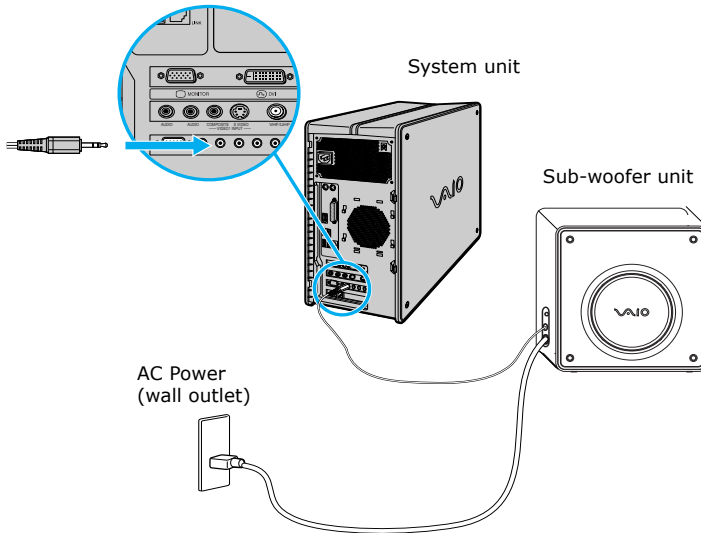
- 4 Insert the RCA plug of the cable that is attached to the right speaker into the speaker jack, located on the left side of the sub-woofer unit.

**To connect the sub-woofer unit**



- 5 Insert the RCA plug of the sub-woofer unit's cable into the Line Out jack, located on the back panel of your computer.
- 6 Plug the sub-woofer unit's power cord into a grounded AC wall outlet or power strip.

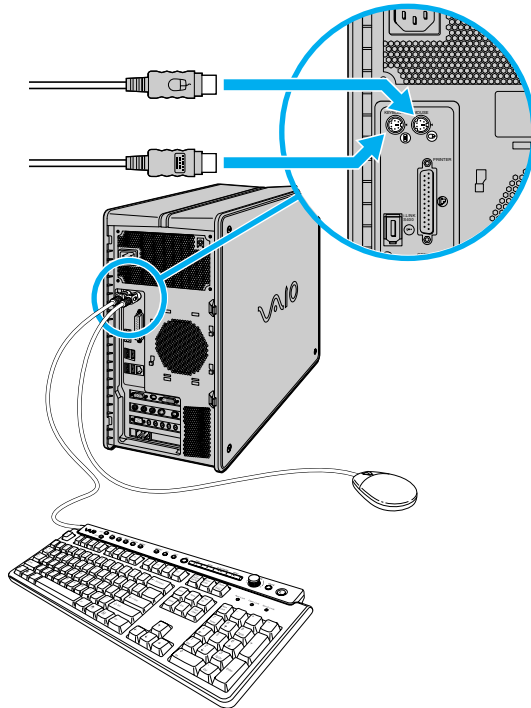
*To connect the sub-woofer to the computer*



## Connecting the Keyboard and Mouse

- 1 Plug the keyboard cable into the keyboard port on the back of the computer.
- 2 Plug the mouse cable into the mouse port on the back of the computer.

### To connect the keyboard and mouse



### Using an optical mouse

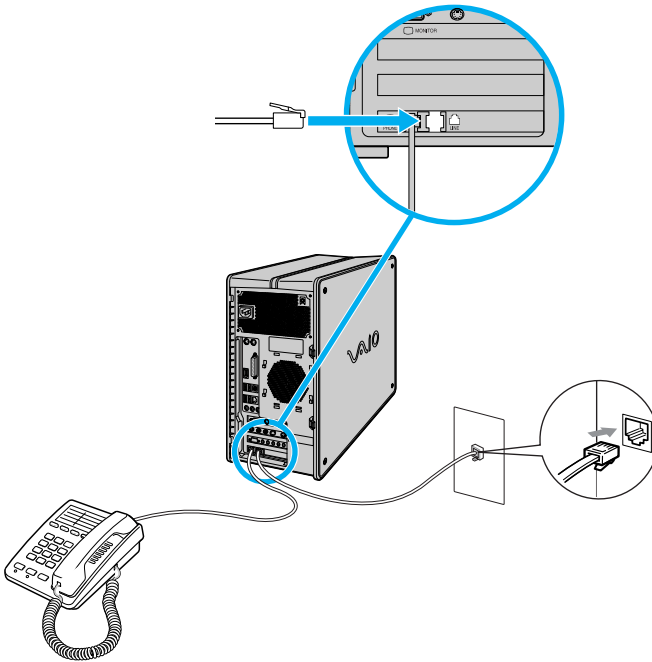
An optical mouse requires an ideal surface texture in order to provide precision pointing and tracking.


- Use surfaces such as plain paper, card stock, or fabric that have minimal repetitive patterning.
- Avoid surfaces such as mirrors, smooth glass, or magazines that have halftone printing.

## Connecting the Telephone and Modem cables

- 1 Unplug your telephone from the wall jack and plug it into the telephone jack, located on the back panel of your computer.
- 2 Plug the modem cable (supplied) into the Modem line jack, located on the back panel of your computer.
- 3 Plug the other end of the modem cable into the wall jack.

*To connect the telephone and modem cables*

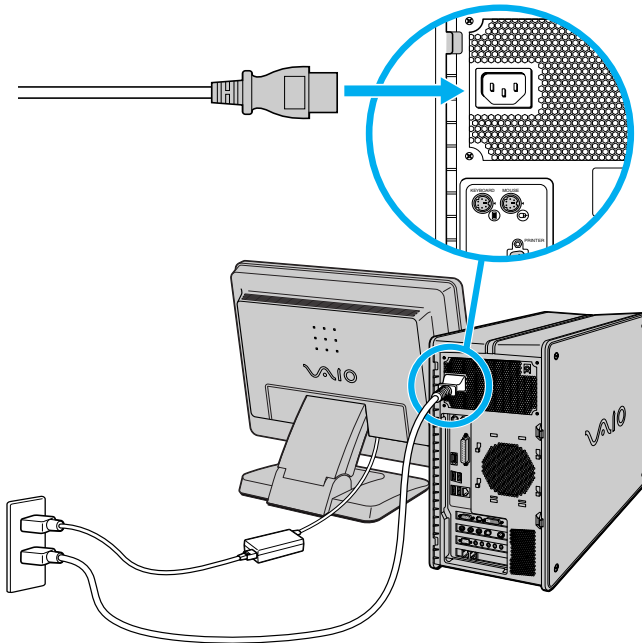


Your computer has a protective sticker  covering the Ethernet port located on the rear panel. Connect 10BASE-T, 100BASE-TX or 1000BASE-TX cables to the Ethernet port. Using other cables or a telephone cable may result in an electric current overload that can cause a malfunction, excessive heat, or fire in the Ethernet port. For help on connecting to a network, see your network administrator.

## Connecting the Power Cords


- 1 Plug the power cord into the back of the computer.
- 2 Plug both the display and computer power cords into a grounded AC wall outlet or a power strip.

*To connect the power cords*



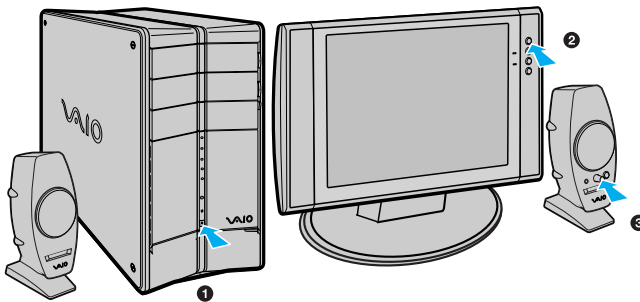
## Turning On your Computer

When you start your system for the first time, your computer may detect new equipment and display a dialog box that prompts you to restart your computer. Respond to this prompt immediately.

 Before turning on your computer, set up your Sony VAIO® Media Center cables and connections. For detailed instructions, see “Setting Up Microsoft Windows XP Media Center Edition,” on page 45,

- 1 Press the power switch on the computer to turn on the power.
- 2 Press the power switch on the display to turn on the power.
- 3 Press the power switch on the right speaker to turn on the power.


*To turn on your computer*



## Registering your Computer

Take advantage of Sony’s commitment to quality customer support and receive these benefits by registering your computer:

- Sony Customer Support** — Communicate with a Support Representative to troubleshoot problems you may be having with your computer.
- Limited warranty** — Protect your investment. See the Limited Warranty Card for more details.

 You are prompted to register your computer the first time you turn on the unit. Follow the on-screen instructions to complete the registration process. If you are not able to register your computer during the first session, you are provided with additional registration opportunities later.

## Turning Off your Computer

Follow these steps when you are ready to turn off your computer for an extended period of time.




**To avoid loss of data, do not use the Power button to turn off the computer.**

### Turning off your computer

- 1 Click **Start** in the Windows taskbar, then select **Turn Off Computer**.


The Turn Off Computer dialog box appears.

- 2 Select the **Turn Off** option.

 Respond to any prompts about saving your documents.

- 3 Wait for your computer to turn off automatically—the power indicator light turns off.

- 4 Turn off any peripheral devices connected to your computer.

 If you plan to turn off your computer for a short period of time, use Stand by mode.

### About the power button

If your system stops responding, press and hold the Power button for more than six seconds to force your system to shut down. You may need to repeat this procedure if your system does not shut down on the first attempt.



# *Setting Up Microsoft Windows XP Media Center Edition*

*Welcome to a new and exciting experience in home entertainment, with your VAIO Digital Studio® computer and the Microsoft® Windows® XP Media Center Edition. Media Center provides you with a wide range of TV, DVD, and video viewing, as well as music recording and playback. This section provides information about setting up Media Center, your computer, TV, cable or satellite set-top box, and other peripheral equipment.*

## **Microsoft Windows XP Media Center Edition**

Microsoft® Windows® XP Media Center Edition combines the multimedia features of a personal computer with the convenience of a home entertainment center. Media Center enables you to view, organize, store, and browse your photos, video/movie libraries, music playlists, and recorded TV programs, while running other software programs.

Media Center enables you to perform many functions, such as:

- Viewing and recording TV programs
- Playing CDs, DVDs, and digital videos
- Creating music playlists and listening to music files
- Viewing digital photos individually or as a slide show with background music
- Enjoying TV, DVDs, or your favorite music, while performing other tasks on your computer

## **Your VAIO Digital Studio Computer and Media Center**

Your VAIO Digital Studio® computer compliments this exceptional operating system with preinstalled multimedia software programs, superior graphics and audio capability, and a DVD±RW drive that burns and plays DVD and CD media.


Your computer comes equipped with features that enhance Media Center. You can:

- Set up a home network to share media content
- Edit and organize digital images
- Save your favorite recorded TV programs to DVD media
- Play and edit your home videos
- Create DVDs by capturing video content straight from a digital video device
- Burn music files to CD media

## ***Before You Begin Using Media Center***


There are several tasks to complete before you are ready to use Media Center. Read this checklist before you use the Media Center program, to enable full use of all the features.

- Set up your VAIO® Media Center computer, accessories, and peripheral equipment correctly.
- Evaluate your home environment to determine the best way to connect your TV, set-top box (cable or satellite), Internet, and computer.
- Establish an active Internet connection.
- Connect your computer to the TV signal source.
- Insert two AA batteries into the Media Center remote control.
- Plug the remote sensor unit into a USB port on your computer and place it in a location that enables direct communication with the remote control.
- Connect the remote sensor control between your cable or satellite set-top box, and the remote sensor unit.

 An Internet connection and TV signal source are not required to use some features, but Sony recommends using these options to fully experience Media Center.

## Setting Up TV Connections

The best method of connecting your computer, TV monitor or display, and TV programming access, is determined by the type of cable service connection available in your home. Your computer's hardware configuration may vary from the illustrations shown in this section. See the online Specifications sheet for details about your computer's hardware configuration.

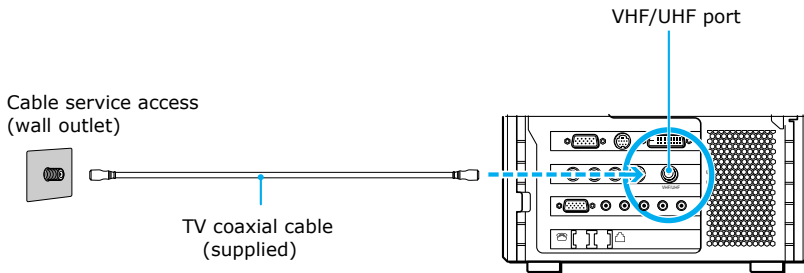
 Your VAIO Digital Studio ® computer is supplied with certain video cables. Depending on your in-home cable access, you may require extra cables, adapters or connection equipment not supplied with your computer.

### Connecting to standard cable access (CATV)

#### Option 1

- 1 Connect one end of the TV coaxial cable (supplied) to your cable service access.
- 2 Connect the other end of the TV coaxial cable to the VHF/UHF port on the back panel of your computer.

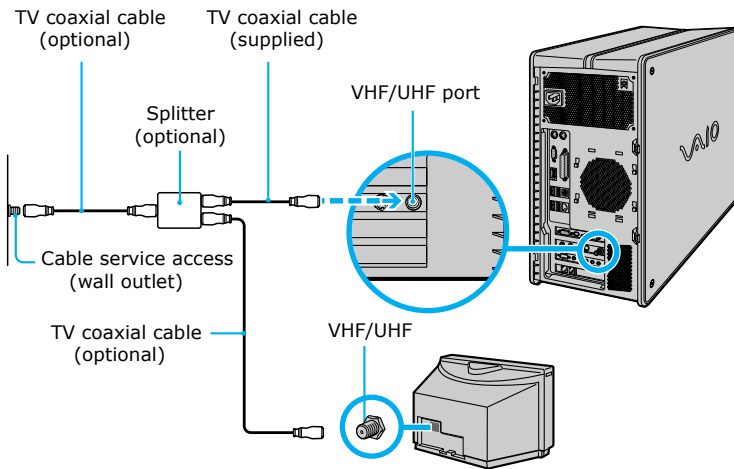
#### To connect in CATV mode (Option 1)



### Option 2

- 1 Connect one end of a TV coaxial cable (optional) to your cable service access. Connect the other end to the single-connection side of a splitter adapter.
- 2 Connect the TV coaxial cable (supplied) to the double-connection side of the splitter adapter. Connect the other end to the VHF/UHF port on the back panel of your computer.
- 3 Connect a third TV coaxial cable (optional) to the double-connection side of the splitter adapter. Connect the other end to the VHF/UHF port on the back of your TV monitor or display.

### To connect in CATV mode (Option 2)



## **Connecting to a standard antenna (air) system**

You can connect your computer to an indoor/outdoor antenna system, using Option 1 or 2 from the previous section, “Connecting to standard cable access (CATV)” on page 48. The antenna system in your home may require a VHF/UHF RF combiner/transformer (optional) to connect your computer and the indoor/outdoor antenna system.

 If you are connecting to an indoor/outdoor antenna system, you may need to reorient the antenna for better reception.

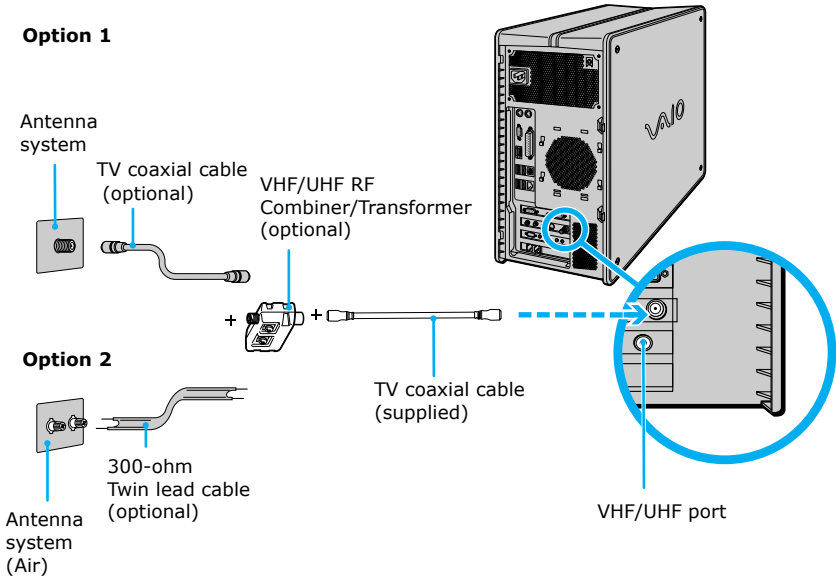
### **Option 1**


- 1 Connect one end of a TV coaxial cable (optional) to your antenna outlet. Connect the other end to a VHF/UHF RF combiner/transformer (optional).
- 2 Connect the TV coaxial cable (supplied) from the combiner/transformer to the VHF/UHF port on the back panel of your computer.

### **Option 2**

- 1 Connect both ends of the antenna’s twin lead cable to the screw-type grips on the combiner/transformer.
- 2 Connect the TV coaxial cable (supplied) from the combiner/transformer to the VHF/UHF port on the back panel of your computer.

**To connect in standard antenna mode (air)**



 Your VAIO Digital Studio® computer is supplied with certain video cables. Depending on your in-home cable access, you may require extra cables, adapters or connection equipment not supplied with your computer.

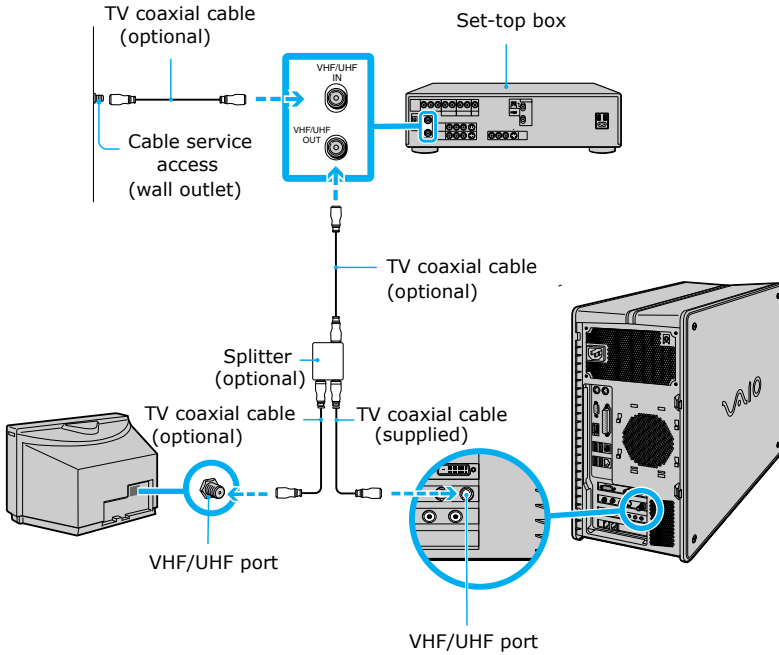
## **Connecting a Cable or Satellite Set-top Box**

You can connect your computer to cable or satellite service that requires a set-top box.

### **Option 1**

- 1** Connect one end of a TV coaxial cable (optional) to your cable service access. Connect the other end to the In jack on the back panel of your set-top box.
- 2** Connect a second TV coaxial cable (optional) to the Out jack on your set-top box. Connect the other end to the single-connection end of a splitter adapter (optional).
- 3** Connect a third TV coaxial cable (supplied) to the double-connection end of the splitter adapter. Connect the other end to the VHF/UHF port on the back panel of your computer.
- 4** Connect a fourth TV coaxial cable (optional) to the double-connection end of the splitter adapter. Connect the other end to the VHF/UHF port on the rear of your TV monitor or display.

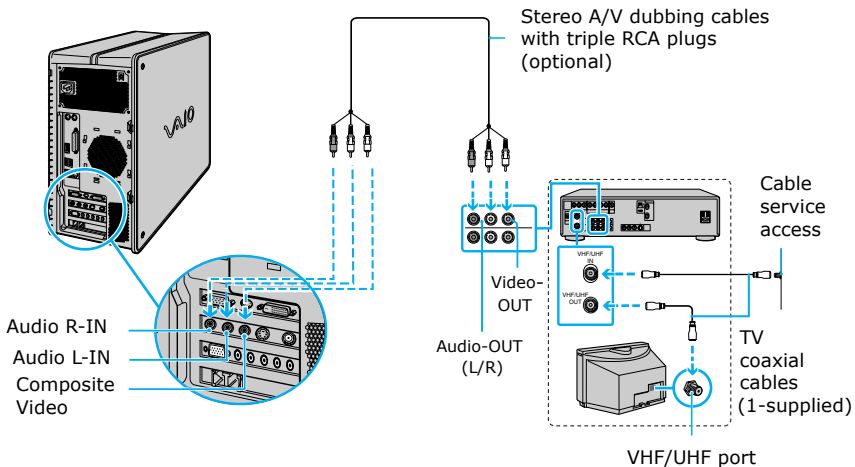
*To connect in set-top box mode (Option 1)*




### Option 2

- 1 Connect one end of the TV coaxial cable (supplied) to your cable service access. Connect the other end to the In jack on the back panel of your set-top box.
- 2 Connect a second TV coaxial cable (optional) to the Out jack on your set-top box. Connect the other end to the VHF/UHF port on the rear of your TV monitor or display.
- 3 Connect one end of the stereo A/V dubbing cables with triple RCA jacks (optional) to the Video Out and Audio-OUT (L/R) jacks on the back panel of your set-top box, matching the plug and jack colors.
- 4 Connect the other RCA jacks of the stereo dubbing cable into the Audio-R (IN), Audio-L (IN), and Composite video (IN) jacks on the back panel of your computer, matching the plug and jack colors.

### To connect in set-top box mode (Option 2)



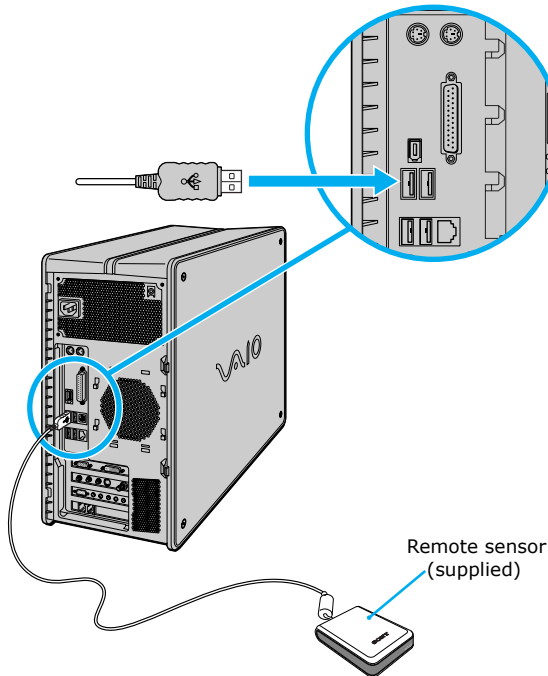
 You can connect your computer to a set-top box using an S-video cable (optional) instead of a stereo A/V dubbing cable (optional). See “Setting Up Additional Equipment” on page 58.

## Connecting the Remote Sensor


The remote sensor communicates with the Media Center remote control, enabling you to change channels and to perform other functions. If you are using a cable or satellite set-top box, you can connect the remote sensor control to the remote sensor, which enables you to control the set-top box with the remote control.

- 1 Connect the remote sensor unit to a USB port located on either the front or back panel of your computer. Place the remote sensor in a position that enables it to communicate with your remote control.

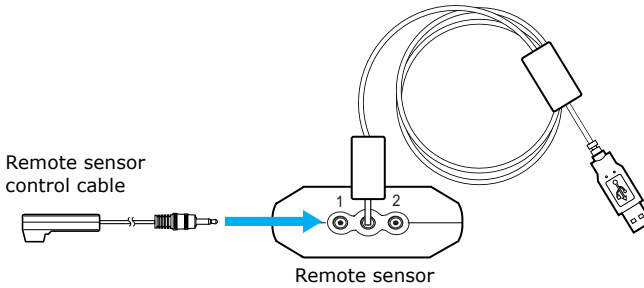
### Connecting the remote sensor (back panel)



- 2 Plug the remote sensor control's cable into a jack (1 or 2) located on the back of the remote sensor.

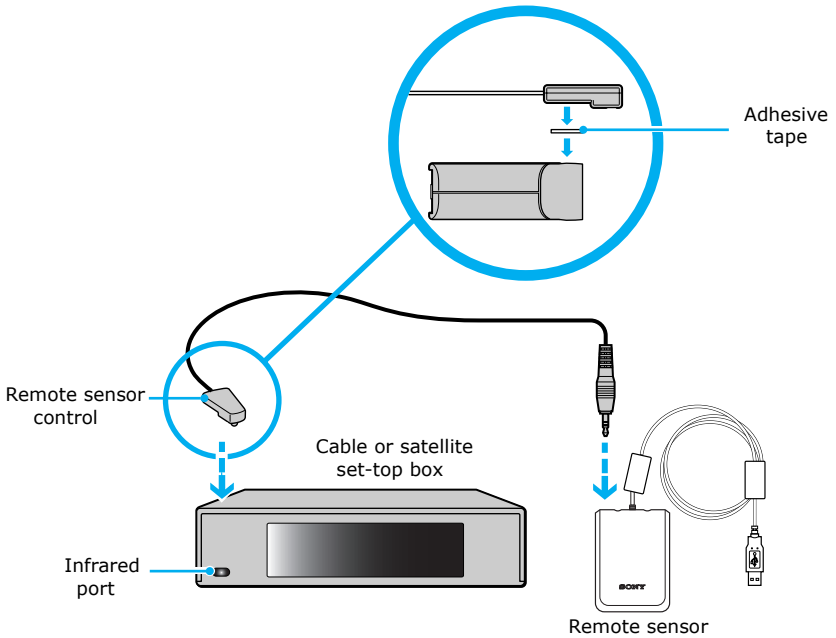
 When you attach the remote control sensor to a cable or satellite set-top box, you can control the set-top box functions with your remote control.


### *Connecting the remote sensor and remote sensor control*



- 3 Place the remote sensor control above the set-top box's infrared port:
  - 1 Attach the double-sided adhesive tape to the top of the set-top box.
  - 2 Press the remote sensor control onto the tape, ensuring that the front edge extends over the front of the box, as shown in the following illustration.

**Connecting the remote sensor control cable to a cable or satellite set-top box**



 The remote sensor unit must be visible in a line-of-sight with your remote control in order to function properly.

## **Setting Up Additional Equipment**

This section illustrates how to set up additional equipment with your VAIO Digital Studio® computer.

### **Connecting a VCR or camcorder with an audio cable**

Your computer has both audio and video connection capability. You can locate the appropriate connections behind the lower bottom panel on the front of the computer or on the back panel. You can connect a VCR or camcorder, using the composite audio In jacks and video ports.

- 1 Connect a dual audio cable (optional) to the composite audio L and R In jacks, located on the either the front or rear panels of your computer.
- 2 Connect the other ends of the dual audio cable to your VCR or camcorder.

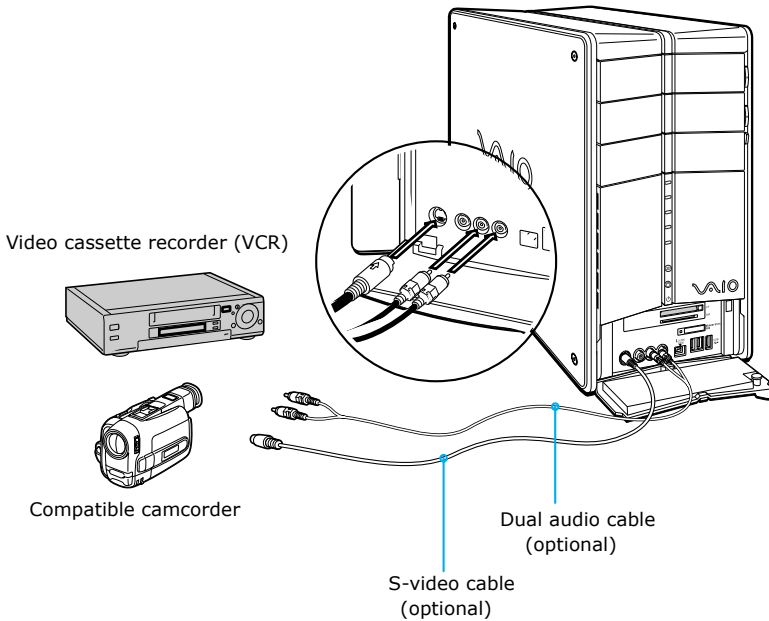
### **Connecting devices with an S-video or video cable**

Your VCR or camcorder may have either standard video or S-video connection capability.

#### **Option 1**

- 1 Connect an S-video cable (optional) directly into the S-video jack on either the front or back panel of your computer.
- 2 Connect the other end of the S-video cable into the appropriate port on your compatible VCR or camcorder.
- 3 Connect an audio cable with double RCA plugs at each end (optional) into the composite audio L and R jacks.

**To connect a VCR or camcorder (Option 1)**



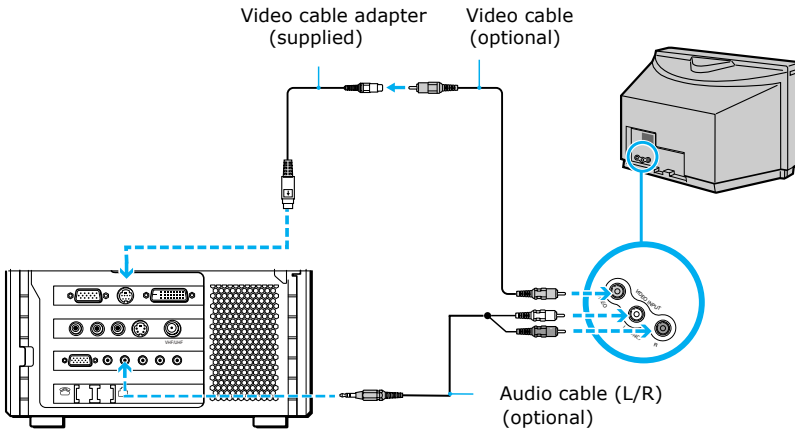
**Option 2**


- 1 Connect a stereo A/V dubbing cable with triple RCA plugs at each end (optional) directly into the composite video port, composite audio L and R jacks, located on either the front or back panel of your computer.
- 2 Connect the other ends of the stereo A/V dubbing cable into the appropriate jacks on your compatible VCR or camcorder.

## Connecting a TV monitor (display)

- 1 Connect the video connector end of the video cable adapter (supplied) to the TV Out (S-video/video) jack on the back panel of your computer.
- 2 Connect the jack end of the video cable adapter to either end of a video cable (optional). Connect the other end of the video cable to the Video-In jack on your TV monitor or display, located on either the side or back of your TV monitor/display.
- 3 Connect the single-jack end of an audio cable (optional) to the Line In jack on the back panel of your computer. Connect the double-jack end of the audio cable to the Audio-In (L/R) on your TV monitor or display. (The Audio-In jacks may be located on the side or rear of your TV monitor/display.)

## Connecting a TV monitor or display




 The video adapter is not needed, if you use an S-video cable to connect your TV to the computer's TV out (S-video/video) jack.

## Getting Started with Media Center

You can start Microsoft® Windows® XP Media Center edition and switch between different functions by pressing a button on the remote control, using your computer's keyboard, or clicking the mouse. You can also record TV, watch videos, play music, and use other software programs.

### Starting Media Center using the remote control

- 1 Point the remote control at the remote sensor and press .

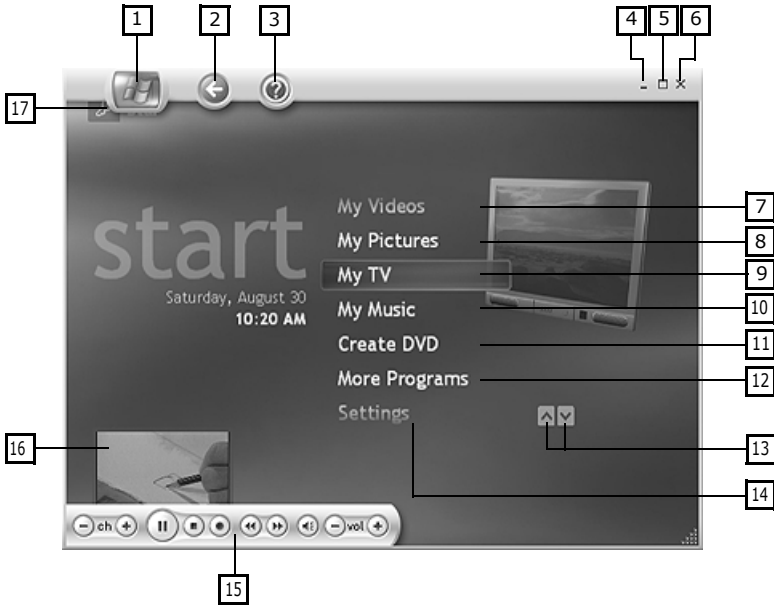
 The remote control must be used within 26 feet (8 meters) of the front of remote sensor unit.

- 2 Use the arrow buttons on the remote control to navigate and select menu items. Press the **OK** button to activate your selection.

### Starting Media Center using your keyboard and mouse

- 1 Click **Start** from the Windows taskbar and select **Media Center** from the **Start** menu. The **Media Center** main window appears.
- 2 Use the directional arrows on the keyboard, or move the mouse, to navigate and select menu items. Press **Enter** on the keyboard or left-click the mouse to activate your selection.

## Media Center Start



- 
- 1 Media Center Start Menu**  
Returns Media Center to the Start menu.

---

  - 2 Back button**  
Returns Media Center to the previous window.

---

  - 3 Media Center Help**  
Opens the Media Center Help guide.

---

  - 4 Minimize button**  
Minimizes the Media Center window and places the Media Center icon and name on the taskbar.

---

  - 5 Maximize button**  
Enlarges the View window to full-screen.

---

- 
- 6 Close Window button**  
Closes the Media Center window.
- 
- 7 My Videos**  
Plays and sorts home videos.
- 
- 8 My Pictures**  
Displays and sorts digital images and slide shows.
- 
- 9 My TV**  
Plays and records TV programs.
- 
- 10 My Music**  
Plays and sorts music files and music CDs.
- 
- 11 Create DVD**  
Creates and writes videos to DVD media.
- 
- 12 More Programs**  
Displays additional programs that are available through Media Center.
- 
- 13 Scroll Arrows**  
Moves the Start menu items up and down.
- 
- 14 Settings**  
Sets or changes your Media Center preferences, including parental controls, recording settings, and more.
- 
- 15 Media Playback Controls**  
Plays, records, rewinds, replays, and stops selected media.
- 
- 16 Inset Window**  
Displays current playback window.
- 
- 17 Log Off button**  
Logs off from this computer, or enables you to switch users.
-

## ***Exploring Media Center***

You can use several options to explore Media Center, switch screens, locate controls, and start functions.



### ***Selecting items in Media Center***

Selected items, such as folders, files, or menu options, are outlined with a green border.

- Use the arrow buttons on the remote control to select an item, and then press **OK** to activate your selection.
- To switch between inset window and full screen modes, use the arrow keys on the remote control to select the inset window, and then press **OK**.

### ***Switching between Media Center and the desktop***

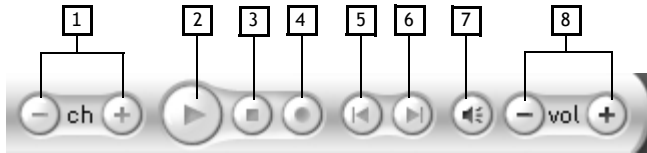
You can view the desktop without closing Media Center.

- Select the **Minimize**  button with your remote control or mouse to display the desktop.
- To return to Media Center, press  on the Windows® taskbar.

### ***Displaying or hiding the Media Center controls***

- You can use your mouse to display the Media Playback Controls.
- You can use the remote control to hide the Media Playback Controls.

**Media Center — Media Playback Controls**



- 
- 1 Channel Up and Down buttons**  
Changes the TV channel up (+) or down (-).

---

  - 2 Play button**  
Plays the selected media.

---

  - 3 Stop button**  
Stops playback of selected media.

---

  - 4 Record button**  
Records TV programs and stores them on the hard disk.

---

  - 5 Replay/Rewind button**  
Moves TV programs and selected media backward.

---

  - 6 Skip/Fast Forward button**  
Moves selected media ahead.

---

  - 7 Mute button**  
Turns computer sound off.

---


  - 8 Volume Up and Down buttons**  
Increases (+) and decreases (-) sound.
-

## **Starting the Media Center Setup Wizard**

The setup wizard requires you to provide certain information about your equipment and home environment. To make the setup process easier, be prepared to:

- Log on to Windows® operating system as the administrator. For more information, go to the VAIO Help and Support Center.
- Establish a working Internet connection to enable the download of your local television program guide.
- Provide your Zip code or Postal Code.
- Provide the name of your TV programming provider or the name of your subscription package, if using cable or satellite service.
- Identify the brand name for your set-top box, if your TV service requires one.




To get assistance with the Media Center setup wizard at any time during the setup process, click **Help**  button.

## Using the setup wizard

The first time you start the Media Center, a setup wizard appears. Follow the steps in Media Center setup wizard to properly activate and configure Media Center. The setup wizard tests your remote control, configures your Internet connection and TV broadcast signal, and sets up the Television Program Guide for your local area.

### Media Center - Getting Started




 If you decide to skip any of the setup wizard steps, you can complete them later in the Settings window in Media Center.

- ❑ **Check Remote Control** — The Media Center uses this interactive step to verify that the remote control is communicating with the remote sensor. The LED on the remote control blinks when a button is pressed.

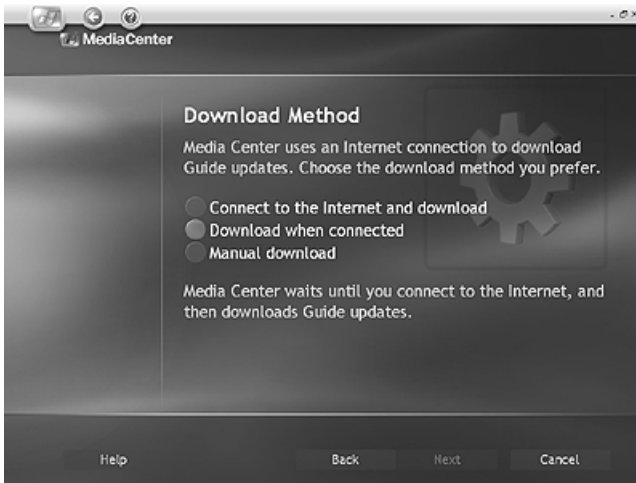
### *Media Center - Check Your Remote Control*




 Verify that your remote control has two AA batteries installed.

- ❑ **Set up Internet Connection** — The Media Center setup wizard uses an active Internet connection to set up and update your local Television Program Guide. If you have already established an Internet connection, you are asked to choose a download method. Select the appropriate download option, and follow the onscreen instructions.

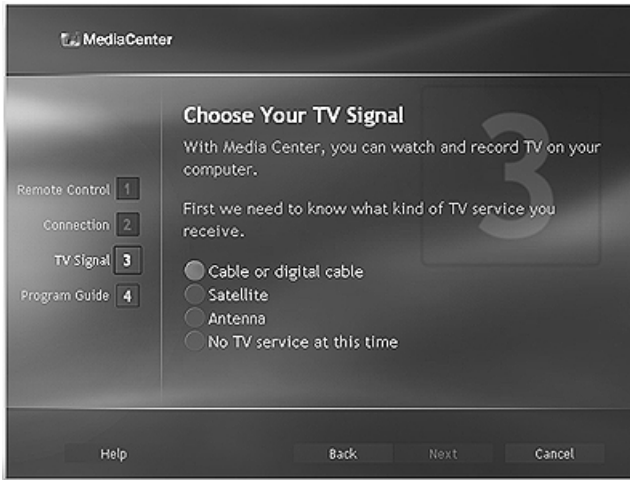
### *Media Center - Download Method*




 The Internet connection provides information about your music CDs and other media. If you skip this step, you can complete them later in the Settings window in Media Center.

- ❑ **Set up Television Signal** — The Media Center setup wizard verifies that your computer is receiving the correct TV signal and local TV Program Guide. If you are using a cable or satellite set-top box, this step programs your remote to the box, enabling you to view premium channels.

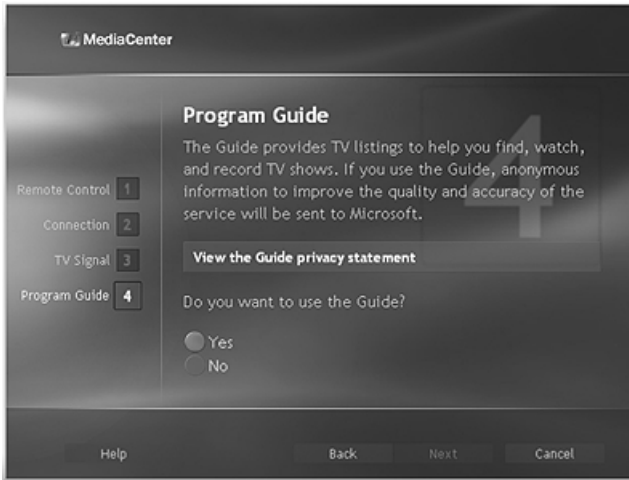
### *Media Center - Choose Your TV Signal*



 Verify that your TV signal source is connected to the computer.

- ❑ **Set up Television Program Guide** — The Media Center setup wizard enables your computer to automatically connect to the Internet to update your Television Program Guide. The Guide displays available channels, network, and program information.

### *Media Center - Program Guide*



The message, “No data available” is displayed in the Television Program Guide when:

- ❑ The Guide has not been set up.
- ❑ You have not agreed to the Television Program Guide’s Terms of Service.
- ❑ The Media Center cannot connect to the Internet and download new Guide information.
- ❑ Guide information is not available for your location, from the Microsoft TV listings service provider.
- ❑ Media Center has determined that the existing Guide information on your computer is expired or corrupted.



# *Using the Sound Blaster Audigy ES Sound Card*

*Congratulations! You've purchased the Sound Blaster Audigy ES sound card that delivers Dolby® Digital 5.1 surround sound. You can begin enjoying cinema-quality sound immediately, as your sound card and drivers are preinstalled in your new VAIO® computer.*

## **Installing Sound Blaster Audigy Software**


Install the software programs provided on the supplied Sound Blaster Audigy CD before you begin using your new sound card, to experience fully enhanced digital or analog sound. You can install any or all of these programs as desired. See the section, "About Creative Software Programs" for a description of the software programs that are available on this companion CD.

### **Installing from the Sound Blaster Audigy CD**

The Sound Blaster Audigy CD supports Microsoft® Windows® Autoplay mode and starts automatically when the CD is inserted into your computer's optical drive. If it does not start automatically, follow these instructions to install the software programs:

- 1 Before installing the Sound Blaster Audigy CD, close any open audio card software programs.
- 2 Click **Start** in the Windows® taskbar and click **Control Panel**. The Control Panel window appears.
- 3 Click **Add or Remove Programs**. The Add or Remove Programs window appears.
- 4 In the left frame, click **Add New Programs**. The InstallShield Wizard dialog box appears.

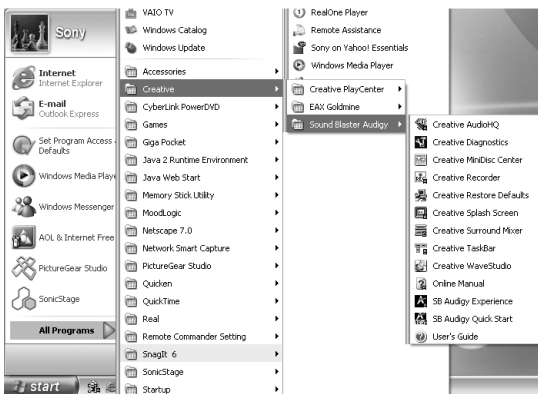
- 5 From the InstallShield Wizard, click a check box to select software program(s) you want to install, or clear a checkbox to stop installation of an application.
- 6 Click **Next**. After installation, you are prompted to restart your computer.

 If you perform a hard drive recovery using the VAIO Recovery Wizard utility, you cannot reinstall the Sound Blaster software programs using the wizard's application recovery feature. Reinstall these programs using the Sound Blaster Audigy CD.

## Starting Creative software

- 1 Click **Start** in the Windows taskbar, point to **All Programs**, and then point to **Creative**. A drop-down list of software programs appears.








### *Creative software programs (partial list detail)*










- 2 Point to the desired software and click to start the software program.

## About Creative Software Programs

The Creative CD contains many software programs that make it easy for you to create, customize and listen to MP3/WMA files, set up properties for audio devices, and record sounds or music from various sources. The following programs are most important for the operation of your audio card.

- ❑  **Creative Taskbar** — Use this handy way to perform many tasks by simply selecting a feature.
- ❑  **Sound Blaster Audigy Quick Start** — Begin with the Quick Start, for details about your Sound Blaster Audigy card. The Quick Start contains interactive demos that explain different features, like listening to digital music, experiencing digital gaming, connecting equipment, and performing tasks.
- ❑  **Online Manual** — See the Online Manual for helpful information about connecting and using your Sound Blaster Audigy card.
- ❑  **Sound Blaster Audigy Experience** — Try this program to get the full impact of your Sound Blaster Audigy card for gaming, music listening, and music mixing.
- ❑  **EAX Goldmine** — View an informative demonstration that describes EAX ADVANCED HD technologies. This feature includes a ReadMe file for more details about its interactive mode.
- ❑  **Creative Diagnostics** — Test your audio card's playback capability, recording functionality, and speaker output.
- ❑  **Creative Surround Mixer** — Use either the Basic or Advanced modes to test your speakers, mix audio from various input sources or select audio effects.

- ❑  **Creative Audio HQ** — View, audition, or set up the audio properties for one or more audio devices, using this software control center. Creative Audio HQ contains these features:
  - ❑ SoundFont Control — Configure audio files and instruments.
  - ❑ Device Controls — Configure audio devices for multiple and simultaneous Wave playback.
  - ❑ Creative Keyboard — Try this virtual keyboard to audition or play musical notes through MIDI devices.
  - ❑ MIDI Input — Use external MIDI input devices to audition your MIDI banks and instruments.
  - ❑ EAX Control — Adjust the Sound Blaster Audigy processor's effects to deliver realistic sound.
- ❑  **Creative WaveStudio** — Perform sound editing functions to play, edit, record, or enhance your audio files.
- ❑  **Creative PlayCenter™** — Manage your favorite MP3 and WMA files on your computer, using this audio CD and digital audio player. Creative PlayCenter enables you to rip your favorite audio CD tracks into compressed digital audio files.
- ❑  **Creative Recorder** — Record sounds or music from various input sources, such as an audio CD or microphone, saving as .WAV files.
- ❑  **Creative MiniDisc Center** — Play back and organize music from audio CDs or other audio formats and record to your MiniDisc recorder device.
- ❑  **Creative Restore Defaults** — Reset all audio settings to the original, default settings.

For details on using these software programs, see the specific program's **Help**. You can also access the User's Guide (PDF format) and **Help** from the **All Programs** menu, by clicking on .

# Troubleshooting

*This section describes how to troubleshoot common problems. You can also find helpful information on how to use your computer's hardware features and preinstalled software. Your computer may not be equipped with all of the features or software discussed in this section, depending on the system configuration purchased.*

## **My computer does not start.**

- ❑ Verify that the computer is plugged into a power source and that it is turned on. Check that the power indicator is lit on the front panel of the computer.
- ❑ Confirm that a disk is not in the floppy disk drive\* (unless you are using a bootable floppy disk).
- ❑ Confirm that a CD is not in an optical drive (unless you are using a bootable CD).
- ❑ Confirm that the power cord and all cables are connected firmly.
- ❑ If you plugged the computer into a power strip or Uninterruptible Power Supply (UPS), make sure the power strip or UPS is turned on and working.
- ❑ Verify that the monitor is plugged into a power source and turned on.  
If your system has a built-in monitor, confirm that it is plugged into an appropriate power source and that the system is turned on.
- ❑ Verify that the brightness or contrast control dials are adjusted correctly. (See the manual that came with your display for details.)
- ❑ Confirm that the computer is not in stand by mode by pressing any key on the keyboard.

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\* Certain VAIO computers are not equipped with a floppy disk drive. You can purchase this equipment separately.

## **Why did my computer or software stop responding?**

You can try to locate and close the software application that has stopped responding.

- 1 Press the **Ctrl+Alt+Delete** keys. The **Windows Task Manager** window appears.
- 2 From the Applications tab, locate the application that has the status message, “**Not responding.**”
- 3 Select the application that has a **Not Responding** status and click **End Task**. Windows attempts to close the application.

If your computer does not respond or the application does not close, try the following steps:

- 1 Save any open files, if possible.
- 2 Press the **Alt+F4** keys. The **Turn Off Computer** window appears.
- 3 Click **Restart**.

If your computer still does not respond and you cannot restart, shut down your computer by pressing and holding the power button for more than six seconds.


If the software application continues to stop responding or causes your computer to stop responding, contact the software publisher or designated technical support provider.




**Pressing and holding the power button for more than six seconds may result in the loss of data from files that are currently open.**

## ***Why can't I hear sound when using the SP/DIF option for digital output?***

If your computer has a preinstalled Sound Blaster Audigy ES sound card\*, the Play Control settings must be changed to support digital sound. Follow these steps to change the settings:

- 1 From the Windows taskbar notification area, double-click on .  
The **Play Control** dialog box appears.
- 2 Click **Options**, and then click **Advanced Controls**. Click the **Advanced** button.  
The **Advanced Controls for Play Control** dialog box appears.
- 3 In the **Other Controls** box, click to select the option, **1 Digital Output Only**.
- 4 Click **Close**, and then close the **Play Control** dialog box.

 If you plan to use your own speaker system, you may experience some difficulty using the mute feature during DVD playback. Use the mute function of your speaker system instead of the keyboard or software program functions.

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\* The Sound Blaster Audigy ES sound card is available with certain VAIO® computers. See your online Specifications sheet for information about your computer's hardware configuration.



# Support Options

*Sony provides several options to help solve common problems or to locate support for your VAIO® computer. This section describes all available resources and offers suggestions on how to access this information for maximum results.*

## **Immediate Help and Support**

You can locate helpful information immediately by consulting your hard copy guides and supplements, or by accessing the online Computer User Guide and the individual software Help files.

Your computer is supplied with these support options:

- ❑ **VAIO® Computer Quick Start** — The Quick Start contains information on how to set up your computer quickly and easily. You can find instructions on how to plan an ergonomic work space, connect power cords, cables and peripheral devices, register your computer with Sony, and establish a dial-up connection to the Internet. The Quick Start can also provide troubleshooting support, if problems occur.
- ❑ **VAIO® Computer User Guide** — The online User Guide provides information about configuring, maintaining, and upgrading your computer. This support resource offers a variety of available topics, enabling you to quickly view specific information using context-sensitive search features. To access the online manual:
  - 1 Click **Start** in the Windows® taskbar, then click **Help and Support**.
  - 2 From the **VAIO Help And Support Center** menu, click **VAIO User Guide**.
- ❑ **Specifications** — The online specifications sheet describes the hardware and software configuration of your VAIO computer. To view this online information go to <http://www.sony.com/pcsupport>.

- ❑ **Preinstalled software Help files** — Each preinstalled software application provides online Help within the software, that describes the software's features. In these Help files, you can find tutorials that teach you to use the software and locate troubleshooting support, should problems occur. To access software Help files:
  - 1 Click **Start** in the Windows taskbar and point to **All Programs**. A submenu appears, listing all preinstalled software programs.
  - 2 Click the desired software application. \* The software's main window appears.
  - 3 From the menu bar, click **Help**. The Help file appears.
- ❑ **VAIO Software** — Provides specific information on preinstalled software on your computer.

To access this online software information

  - 1 Click **Start** in the Windows taskbar.
  - 2 Click **Welcome to VAIO Life**.

## ***Resources for Additional Help and Support***

If the information provided with your VAIO® computer does not offer an immediate solution, or you would like to get direct support, try these additional help and support resources.

### ***Sony Online Support Web site***

Online help and support are available 24 hours a day, seven days a week, when you visit the Sony Online Support Web site. You can access the Web site at <http://www.sony.com/pcsupport>.

The Sony Online Support Web site provides:

- ❑ Information about your specific model computer, such as:
  - ❑ hardware and software specifications.
  - ❑ upgrade and maintenance procedures.
  - ❑ safety and legal information.
  - ❑ quick solutions to common problems.

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\* You can locate the online Help for Sony software programs by pointing to the individual application's icon and selecting Help from the submenu.

- ❑ An automated tutorial library that contains interactive, easy-to-understand lessons on using your computer's hardware and software features.
- ❑ Links that enable you to:
  - ❑ quickly find the nearest Sony service center locations.
  - ❑ arrange for repairs or check repair status.
  - ❑ review warranty information.
  - ❑ e-mail your question or comments to the Sony Customer Information Services Center.
  - ❑ check pricing and availability for products, accessories and parts, as well as purchase online.
  - ❑ access the Sony Solutions Knowledge Base, a database that contains answers to many frequently asked questions.

### ***Sony Customer Information Services Center***

If other support options do not resolve your issue, you can contact a Sony Support representative directly.

Before making a call to the Sony Customer Information Services Center, have this basic information readily available.

- 1 VAIO® computer system type.
- 2 Model number.
- 3 Serial number \*

*Example:*  \*9(N 28470000 \* \*Serial# 3000001\*

- 4 Operating system.
- 5 Hardware feature or software application that has a problem. (See “Resources for Additional Help and Support” on page 82, for the appropriate software contact information.)
- 6 Brief description of the issue.

For VAIO® computers purchased in the U.S. and Canada, contact a Sony Support representative at 1-888-476-6972.

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\* The serial number is located on the back panel of your computer. The serial number is on a white barcode label.

