SONY

RoomLink™ User Guide

Network Media Receiver

PCNA-MR10

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Television programs, films, videotapes, CDs and other materials may be copyrighted. Such materials recorded with this device are for your personal use only. Unauthorized recording of such material may be contrary to the provisions of the copyright laws. The law prohibits adding any modification to the recorded materials including but not limited to motion pictures, images and audio, without authorization from the copyright holder.

Some of these materials may be duplication-protected to disable unlawful recording.

Television programs, films, videotapes, CDs and other materials may be copyrighted. Recorded materials are for your personal use only. Unauthorized recording of such material may be contrary to the provisions of the copyright laws.

Owner's Record

The model number and serial number are located on the bottom of your Network Media Receiver. 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:	PCNA-MR10
Serial Number:	

Safety Information

This Sony product is designed and tested to comply with the safety regulations. Use of this equipment in a manner not approved in this manual may be hazardous. Read the safety and caution information before operating RoomLink™, complying with all safety precautions and warnings.

Stop operating the unit immediately, under these circumstances:	
❑ The unit emits smoke or fumes.	❑ The unit makes loud or unusual noise.
❑ Water or any foreign object has fallen into the unit.	❑ The unit has been dropped or otherwise damaged.
Follow these steps to reduce any potential hazard:	
❑ Unplug the AC adapter from the AC wall outlet or power supply strip.	
❑ Unplug the AC adapter and cables from the unit.	
❑ Contact the Sony Customer Service Center for repair information.	

Notes on Use

About RoomLink

❑ Set up RoomLink™ and connection cables in a protected location out of the reach of children, to avoid injury or damage to the equipment.

❑ Install RoomLink™ so that you can easily reach the power outlet in the event of an emergency.

❑ Do not drop RoomLink™. A sharp impact can damage the unit.

❑ Do not place RoomLink™ in the following locations:

   ❑ In direct sunlight or near heat sources. Operate this equipment at temperatures between 32 to 104 degrees (Fahrenheit).

   ❑ On or near equipment that generate electromagnetic fields, such as speakers or televisions.

   ❑ On or near a microwave oven.

   ❑ In a dusty or dirty location

   ❑ On an insecure or uneven surface.

   ❑ In a location that is subject to vibration.

- ❑ In a location that is subject to moisture or rapid temperature change.
- ❑ Near obstacles that shield or block electrical signals, such as metal or concrete walls.
- ❑ In a location with poor ventilation.

❑ If there is a rapid change in temperature, condensation (water droplets) may form in RoomLink™, causing it to malfunction.

- ❑ If this occurs, disconnect the equipment from the VAIO® computer and TV for two to three hours. The unit should resume normal operation.

❑ To clean the RoomLink™ device:

- ❑ Wipe it with a soft, dry cloth.
- ❑ If the unit requires more cleaning, use a soft cloth that is slightly moistened with a mild detergent solution. Avoid getting the terminals wet.
- ❑ Do not use cleaners that contain thinner, benzene, or alcohol, as these compounds may damage the surface of the equipment.

❑ Avoid connecting these phone lines to the Network connector on the unit:

- ❑ Private Branch Exchange (PBX) lines
- ❑ Network cable that do not meet the 100Base-TX standards
- ❑ Home or business phone lines

About the AC adapter

❑ Use the AC adapter that is supplied with RoomLink™. Using different AC adapter may cause damage to the network media receiver.

❑ Unplug the AC adapter from the AC wall outlet, when the equipment is not being used for extended periods of time.

About the Remote Commander

❑ Use only AA-size alkaline batteries in the Remote Commander® unit.

❑ Remove the batteries from the Remote Commander when it is not in use for extended periods.

Attaching the ferrite core

To comply with FCC Rules, Part 15, a ferrite core is supplied with RoomLink™. The ferrite core should be attached to the network cable*, to reduce or eliminate electrical interference.

1) Open the ferrite core and place the core approximately 3 to 4 inches from the end of the network cable.

2) Wrap the network cable twice around the ferrite core, lengthwise, with the cable running directly through the center groove of the core.

3) Close the ferrite core tightly around the network cable until the core locks.

To attach the ferrite core

Ethernet port

Ferrite core

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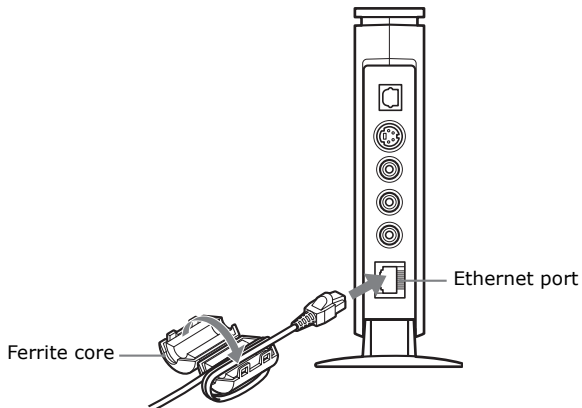
* The network cable must be compatible with the 100BASE-TX standard.

Cautions

⚠️ Unplug the AC adapter from the electrical outlet during a lightning storm. Lightning may cause electric shock or damage to the equipment. When severe lightning is expected, unplug the AC adapter from the electrical outlet to avoid fire, electric shock, or damage to the equipment. Do not touch the equipment during a lightning storm.

⚠️ This equipment is for use only in the country of purchase. Using this equipment under a different voltage may cause fire or electric shock. Use of this equipment in other countries may be prohibited by local laws.

⚠️ Do not expose this equipment to grease, smoke, moisture, and dust. Such exposure may cause fire or electric shock. Use under conditions other than those suggested in this manual may cause fire or electric shock

⚠️ Do not allow water or any foreign objects to enter the interior. This may cause fire or electric shock. In the event that water or other foreign objects enter the interior, immediately unplug the AC adapter from the electrical outlet and contact the VAIO Customer Support for inspection and/or repair.

⚠️ Do not disassemble the equipment. This may cause fire, electric shock, or injury. Contact the VAIO Customer Support for inspection and/or repair.

⚠️ Do not connect inappropriate network or phone lines to the Ethernet port. Connect only 100BASE-TX cables to the Ethernet port. Connecting inappropriate network or phone lines to the Ethernet port may result in an electric current overload that can result in malfunction, excessive heat, or fire in the port. For help on connecting to a network, see your network administrator.

Précautions

⚠ **Débranchez l'adaptateur AC de la prise de courant pendant les orages. Les éclairs peuvent provoquer des décharges électriques ou endommager le matériel. Lorsqu'un gros orage est annoncé, débranchez l'adaptateur AC de la prise de courant afin d'éviter les risques d'incendie, de décharge électrique ou de dégâts au matériel. Ne touchez pas le matériel durant un orage.**

⚠ **Ce matériel ne doit être utilisé que dans le pays où il a été acheté. L'utilisation de ce matériel avec un voltage différent peut provoquer un incendie ou une décharge électrique. L'utilisation de ce matériel dans d'autres pays peut être interdite par les lois locales.**

⚠ **N'exposez pas ce matériel à la graisse, à la fumée, à l'humidité et à la poussière. L'exposition de ce matériel à ces substances peut provoquer un incendie ou une décharge électrique. L'utilisation de ce matériel dans des circonstances autres que celles décrites dans ce manuel peut provoquer un incendie ou une décharge électrique.**

⚠ **Ne laissez pas l'eau ou des corps étrangers pénétrer à l'intérieur de ce matériel. Cela pourrait provoquer un incendie ou une décharge électrique. Au cas où de l'eau ou un autre corps étranger pénètrerait à l'intérieur, débranchez immédiatement l'adaptateur AC de la prise de courant et contactez l'assistance clientèle VAIO pour qu'elle vienne inspecter et/ou réparer le matériel en question.**

⚠ **Ne démontez pas le matériel. Vous risqueriez de vous blesser et cela pourrait provoquer un incendie ou une décharge électrique. Contactez l'assistance clientèle VAIO pour qu'elle vienne inspecter et/ou réparer le matériel.**

⚠ **Ne connectez pas de lignes réseau ou téléphonique impropres au port Ethernet. Ne connectez que des câbles 100BASE TX au port Ethernet. Connecter des lignes réseau ou téléphoniques impropres au port Ethernet pourrait causer une surcharge de courant électrique, qui elle-même pourrait provoquer une panne, un dégagement de chaleur excessif ou faire brûler le port. Pour plus de renseignements sur la manière de se connecter à un réseau, consultez votre administrateur réseau.**

Regulatory Information

Declaration of Conformity

Trade Name:	SONY
Model No.:	PCNA-MR10
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.

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.

⚠ **Any change or modification to this equipment that is not expressly approved in this guide may void your authority to operate this equipment.**

⚠	**Tout changement ou toute modification à ce matériel qui ne soit pas expressément approuvée dans ce manuel peut annuler votre autorité à utiliser ce matériel.**

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.

Canadian ICES-003

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

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

Contents

Welcome

Thank you for purchasing your Sony® RoomLink™! Your new network media receiver is a superb blend of high technology and easy-to-use functionality. The information provided in this user guide is designed to help you become familiar with RoomLink™ and its features.

About RoomLink

The network media receiver enables you to display still images, play video contents, or music files on your TV screen, when RoomLink™ is connected to a VAIO® computer that contains your video and audio content. When you connect RoomLink™ to a VAIO computer with Giga Pocket™ features, you can record and view TV programs simultaneously or set up future timer recording.

The network media receiver can accomodate multiple VAIO computer connections by using a router with a built-in or standard network switch, or a network switch device. This enables you to switch between computers to locate your favorite audio or video files.

TV and video

❑ Record and watch your favorite TV programs at the same time.

❑ Set up recording of TV programs, using the digital timer.

❑ Play previously recorded programs stored on your VAIO computer.

❑ Search for a specific place in your recorded program, using the film roll feature.

Music

❑ Play music files stored on your VAIO computer.

❑ Play a music track continuously (loop feature).

Photos/Still Images

❑ View your photo collections, stored on your VAIO computer, in slide show format.

❑ View your photos as thumbnails in Index view.

❑ Select your favorite photo for viewing.

Multimedia compatibility

Video and Movie file compatibility

Only Video Capsules recorded on a VAIO® computer with Giga Pocket™ Personal Video Recorder features, or video content recorded with RoomLink™ can be viewed using RoomLink™. Other video file formats may not be compatible with RoomLink™. For details on how to use Giga Pocket features, see your VAIO® Computer User Guide or the Giga Pocket Help.

Music file compatibility

Only Playlists that are managed by SonicStage™ software are supported by the network media receiver. Other music files or songs purchased from an Internet Electronic Music Distribution (EMD) service are not compatible for playback using the network media receiver. For details on how to use SonicStage software, see your VAIO Computer User Guide or go to the SonicStage Help.

Photo/Still Image file compatibility

If PictureGear Studio™ software is not installed on your VAIO computer, store folders and still images in C:\Documents and Settings\All Users\Photo Server\VAIO Media folder. Photo files stored in any other location are not detected by RoomLink. The name of the designated folder may vary.

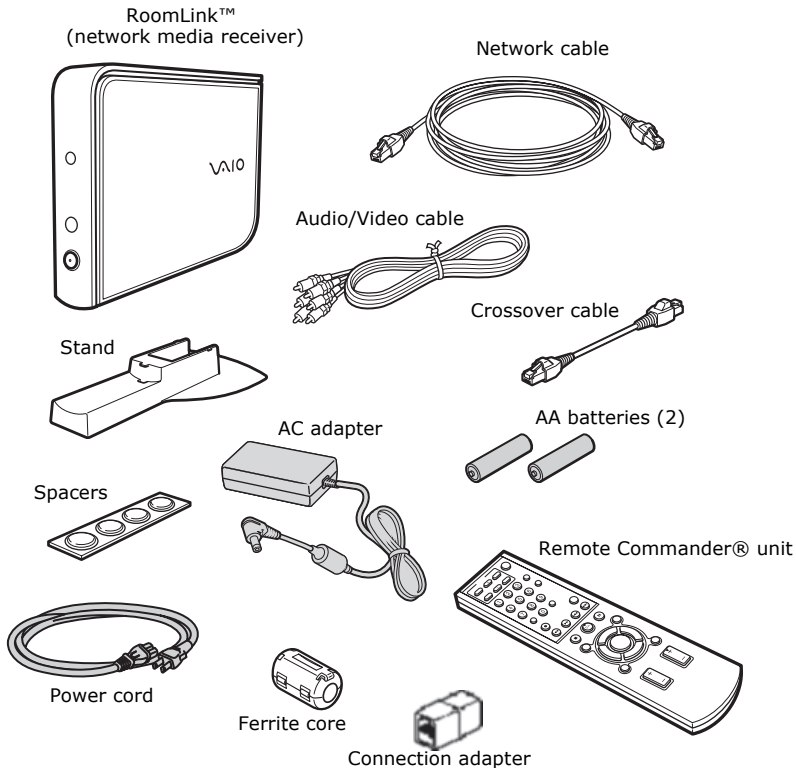For specific information about this folder and location:

1   Click **Start** on the Windows® taskbar and select **All Programs**.

2   Point to **VAIO Media**, point to **Server Administration**, and then click **Photo Server ReadMe**.

3   Read the description on the designated folder.

If PictureGear Studio software is installed on your computer, you can use the Photo Collection feature of PictureGear Studio to store still images on the Photo Server. For details, refer to PictureGear Studio Help.

Unpacking your RoomLink

When you unpack your RoomLink™ device, verify that you have all supplied accessories.

RoomLink and accessories

RoomLink™
(network media receiver)

Network cable

Audio/Video cable

Crossover cable

Stand

AA batteries (2)

AC adapter

Spacers

Remote Commander® unit

Power cord

Ferrite core

Connection adapter

Manuals

❑ **RoomLink™ User Guide** — Contains information about setting up and using the network media receiver. The user guide also provides resources for technical support, safety guidelines, and supporting software.

❑ **Quick Reference Guide** — Provides information to help evaluate your home network environment. This quick reference also provides quick and easy instructions to set up RoomLink and your VAIO® computer.
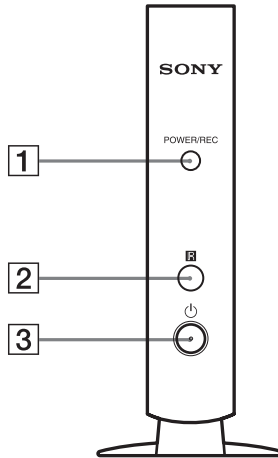
Locating Controls, Jacks, and Ports

This section describes the controls, jacks, and ports available on your RoomLink™ unit and the Remote Commander® unit.

Front panel

The front panel contains the power button, infrared receiver, and status indicators.

Network media receiver (front panel)

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1 **POWER/REC indicator**
   The indicator is white while the power is on. The indicator is red during TV recording. The indicator blinks (red) during firmware updates.

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2 **Infrared receiver**
   Enables communication between the RoomLink™ unit and the Remote Commander® unit. (Do not block the area in front of the infrared receiver.)

3 **Power button/Stand by indicator**
   Turns RoomLink™ on and off. Indicator is dimmed (red) when the unit is in Stand by mode.

✍ When the Standby indicator light is red (dimmed), RoomLink™ is ready to be turned on. The Standby indicator takes approximately 20 seconds to light after the AC adapter is plugged into a wall outlet.

Back panel

The back panel contains ports and jacks for supplied and optional cables.

Network media receiver (back panel)
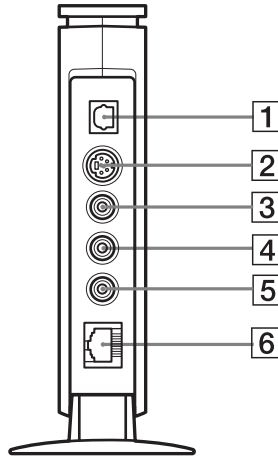
1	**Optical OUT port**
	Supports the digital optical input of an audio device.

2	**S-video jack**
	Connection for an S-video cable.

3	**Video jack**
	Connection for a video cable.

4	**Audio L jack**
	Connection for an audio cable.

5	**Audio R jack**
	Connection for an audio cable.

6	**Ethernet port**
	Connection for a 100BASE-TX Ethernet cable (RJ-45).

Remote Commander

The RoomLink™ unit is controlled using the Remote Commander® unit. The Remote Commander can start and stop video recording/playback, select channels, and set viewing preferences.

Remote Commander
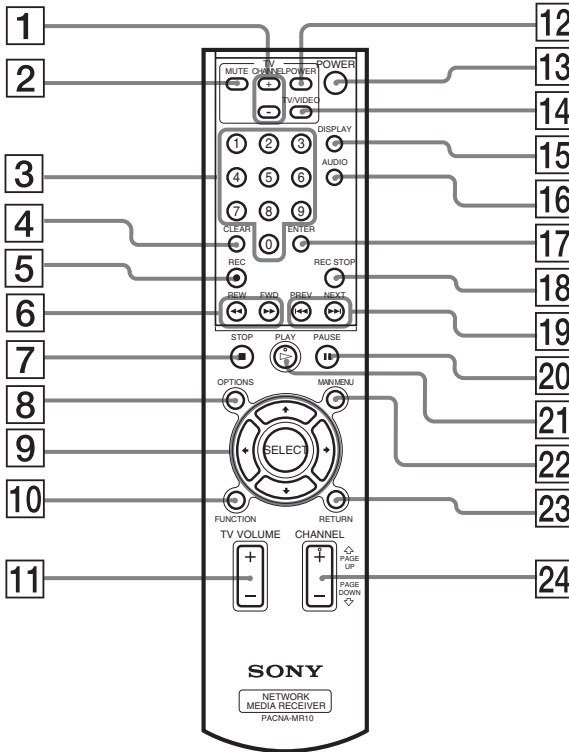
1   TV Channel buttons (TV control section)
Press **+** or **-** to change TV channels.

2   MUTE button (TV control section)
Press to turn off the sound. Press again to restore the sound.

3	**Channel number buttons**
	Press to select specific channels. (Press the ENTER button to activate the channel selection.)

4	**CLEAR button**
	Press to delete the channel numbers selected.

5	**REC button**
	Press to begin recording.

6	**REW button**
	Press to rewind during video or music playback.
	FWD button
	Press to fast-forward during video or music playback.

7	**STOP button**
	Press to stop video or music playback.

8	**OPTIONS button**
	Press to display the available options for TV, video, music or photo servers.

9	**Direction Arrow buttons**
	Press a direction arrow button to navigate within the TV, video, music, or photo servers.
	SELECT button
	Press to select operations, settings, features, or other choices, while using the TV, video, music or photo servers.

10	**FUNCTION button**
	Press to toggle between RoomLink™ features, such as TV, video, music or photo.

11	**TV VOLUME switch (+/-)**
	Use this switch to increase (+) or decrease (-) the TV's volume.

12	**POWER button (TV control section)**
	Press to turn your TV on or off.

| 13 | **POWER button** |
| | Press to turn RoomLink™ on or off. |

| 14 | **TV/VIDEO button (TV control section)** |
| | Press to select TV or Video mode. |

| 15 | **DISPLAY button** |
| | Press to display setting information for TV, video, music, and photos. |

| 16 | **AUDIO button** |
| | Press to select audio mode. |

| 17 | **ENTER button** |
| | Press to activate channel selections made using the channel number buttons. |

| 18 | **REC STOP button** |
| | Press to stop video recording. |

19	**PREV button**
	Press to return to a previous music track.
	NEXT button
	Press to advance to the next music track.

| 20 | **PAUSE button** |
| | Press to pause video, music or slide show playback. |

| 21 | **PLAY button** |
| | Press to begin playback of videos, music, or slide shows. |

| 22 | **MAIN MENU button** |
| | Press to return to the main selection screen. |

| 23 | **RETURN button** |
| | Press to return to the previous screen, feature or mode. |

| 24 | **CHANNEL switch (PAGE UP/PAGE DOWN)** |
| | Use this switch to change TV channels. The Page Up/Page Down feature enables you to scroll within folders containing Playlists or Video Capsules. |

Setting Up RoomLink

This section contains information about setting up your RoomLink™ connections.

VAIO Computer Compatibility

RoomLink™ supports certain Sony® VAIO® computers. Verify that your VAIO computer is compatible with RoomLink, before you begin hardware setup or configuration.

VAIO® COMPUTERS *(Manufactured after 08/2002)* *	COMPATIBILITY			
	View and Record TV	Video	Music	Photos
DESKTOP MODELS: **PCV-RZ series** *(With Giga Pocket™ features)*	Yes	Yes	Yes	Yes
DESKTOP MODELS: **PCV-RX900 series** **PCV-RX800 series** *(With Giga Pocket features)*	Yes	Yes	Yes	Yes
DESKTOP MODELS: **PCV-RZ series** **PCV-RX900 series** **PCV-RX800 series** **PCV-W series** **PCV-RS series** *(Without Giga Pocket features)*	No	No	Yes	Yes
NOTEBOOK MODELS: **PCG-GRZ series** **PCG-GRS series** **PCG-GRV series** **PCG-GRX600 series** **PCG-505G** **PCG-VX89 series** **PCG-NV200 series** **PCG-FR series** *(Without Giga Pocket features)*	No	No	Yes	Yes

* For current updates on VAIO computer compatibility with RoomLink, see the Sony Computing Support Web site at http://www.sony.com/pcsupport/roomlink.

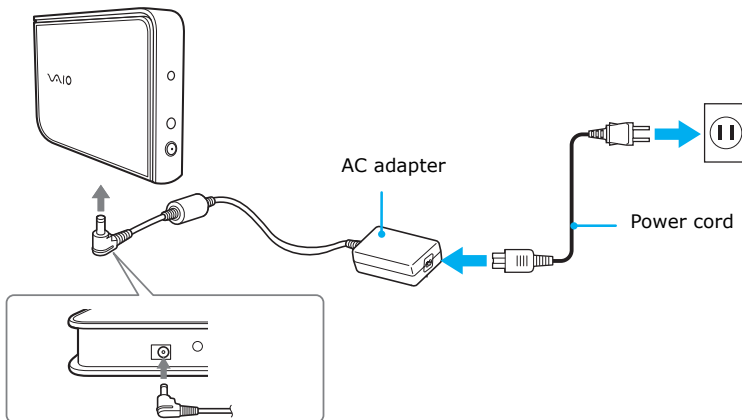### System requirements

Your compatible VAIO computer(s) must:

❏ Have the Microsoft® Windows® XP Home Edition or Professional Edition operating system installed.[*]

❏ Have VAIO Media™ software (Platform and servers) preinstalled.

❏ Be equipped with Giga Pocket™ Personal Video Recorder[†] hardware and software.

Setting Up RoomLink

Connecting the power cord

1 Locate the AC Input port on the bottom of the network media receiver and insert the jack end of the AC adapter.

Connecting the AC adapter

2 Insert the connector end of the power cord into the AC adapter.

3 Insert the plug end of the power cord into the wall outlet.

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[*] Operating system requirements include operating systems upgraded to Windows XP.

[†] TV and Video features are available if the computer is equipped with Giga Pocket features.

4 You can set up RoomLink™ to stand in an upright or horizontal position.

Option 1: Slide the network media receiver onto the stand (supplied), until it clicks into place.

Option 2: To position the unit horizontally, attach the spacers (supplied) to one side of the network media receiver, placing a spacer in each corner.

To attach the stand or spacers

Option 1

Option 2
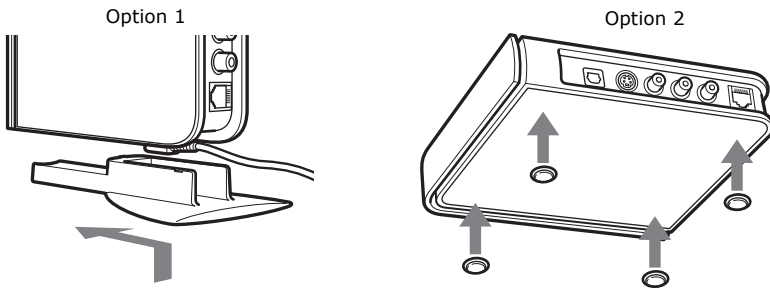
5 When the Stand by indicator light is red, press the power button.

✍ When the Standby indicator light is red (dimmed), RoomLink™ is ready to be turned on. The Standby indicator takes approximately 20 seconds to light after the AC adapter is plugged into a wall outlet.

Attaching the ferrite core

In accordance with FCC Rules, Part 15, a ferrite core is supplied with the network media receiver. The ferrite core should be attached to the network cable[*], to reduce or eliminate electrical interference.

1   Open the ferrite core and place the core approximately 3-4 inches from the end of the network cable.

2   Wrap the network cable twice around the ferrite core, lengthwise, with the cable running directly through the center groove of the core.

3   Close the ferrite core tightly around the network cable until the core locks.

To attach the ferrite core

Ferrite core

Ethernet port

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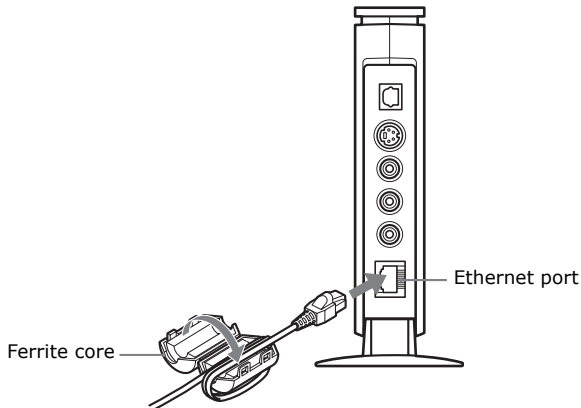
*   The network cable must be compatible with the 100BASE-TX standard.

Setting up the Remote Commander unit

1   Open the battery cover on the back of the Remote Commander® unit.

2   Insert two AA batteries (supplied) by matching the + and - on the batteries, with the diagram inside the battery compartment.

Inserting batteries into the Remote Commander
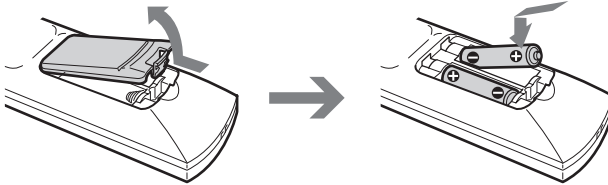
✎ Under normal use, the AA batteries may last up to six months. If your Remote Commander does not operate properly, the batteries may need replacing. If your Remote Commander is not being used for long periods of time, remove the batteries to avoid possible damage from leaking batteries.

To program the Remote Commander

Your Remote Commander® unit is preprogrammed to control certain TVs. Refer to your TV manufacturer's code table for more information. The Remote Commander may not be compatible with some TV models, even when the appropriate TV manufacturer code is entered.

1   Press and hold the **SELECT** button.

2   Enter your TV code number, using the channel number buttons.

3   Release the **SELECT** button after you have entered the TV code number.

✎ After replacing the batteries in your Remote Commander, the TV manufacturer's code may require resetting. Reset the code each time you replace the batteries.

TV Manufacturer	Code Number	TV Manufacturer	Code Number
Admiral	02, 09, 14	Panasonic	16, 18
AOC	12	Philco	03, 11, 13
Bell & Howell	09, 14	Philips	11
Brocsonic	03, 12	Pioneer	18, 19,37
Craig	20, 21, 22, 23	Portland	03
Croslex	11	Quasar	18
Curtis Mathis	03, 19, 23	Radio Shack	02, 12, 23, 24
Daewoo	3, 35, 36	RCA/PROSCAN	02, 03
Daytron	13	Samsung	03, 12, 13, 26
Emerson	03, 13, 15, 20, 21, 22, 23	Sanyo	25
Fisher	25	Scott	12, 23
GE	02, 03, 18	Sharp	13, 14, 15
Goldstar/LG	03, 12, 13, 30	Signature	09, 14
Hitachi	03, 13, 31	Sony	01
JC Penney	02, 03, 30	Sylvania	03, 11, 12
JVC	28	Symphonic	23
KTV	3, 13, 23	Toshiba	14, 19
LXI (Sears)	02, 03, 11, 12, 19, 25	Vidtech	03, 12, 31
Magnavox	03, 11, 12, 13	Wards	03, 12, 13, 15
Mitsubishi	03, 12, 24	Zenith	09
NEC	03, 12		

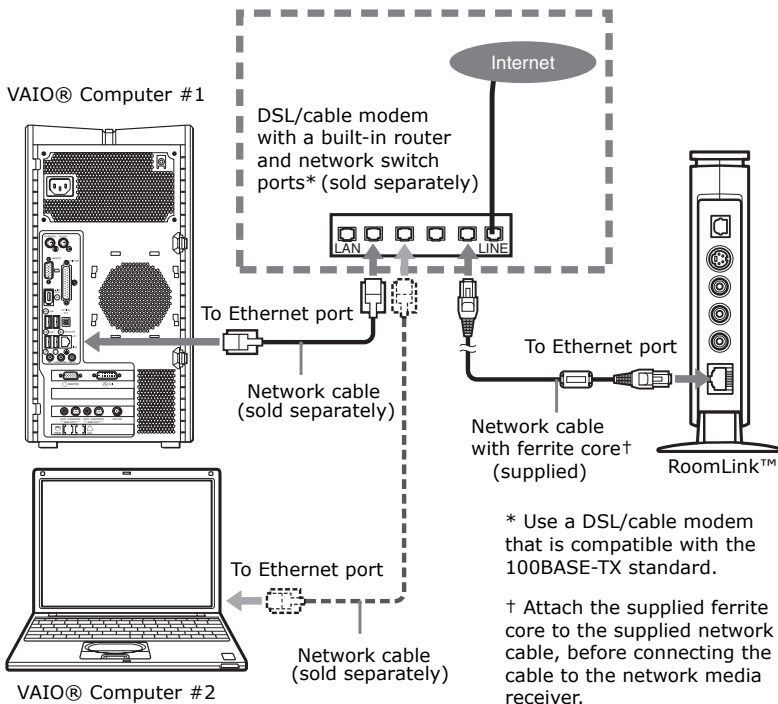# *Evaluating your Home Network Environment*

You can connect RoomLink™ to your VAIO® computer(s) using the Ethernet port on your VAIO computer(s), a router with a built-in network switch, or a network switch device.

These home network environment scenarios can help determine the best connection method for your network media receiver and VAIO computer(s).

Optional equipment and cables may be required to connect your network media receiver and VAIO® computer(s).

ENVIRONMENT 1: DSL/cable modem equipped with a built-in router and network switch ports

Connecting in Environment 1

Internet

VAIO® Computer #1

DSL/cable modem with a built-in router and network switch ports* (sold separately)

LAN   LINE

To Ethernet port

Network cable (sold separately)

To Ethernet port

Network cable with ferrite core† (supplied)

RoomLink™

To Ethernet port

Network cable (sold separately)

VAIO® Computer #2

* Use a DSL/cable modem that is compatible with the 100BASE-TX standard.

† Attach the supplied ferrite core to the supplied network cable, before connecting the cable to the network media receiver.

Connections may vary, depending on your network environment. Contact your Internet Service Provider for connection information.

Environment 1 — Connection method:

1   Connect RoomLink™ to your DSL/cable modem[*] (sold separately), using the network cable (supplied) with the ferrite core (supplied).

2   Connect the Ethernet jack on each VAIO® computer to a jack(s) on the DSL/modem, using additional network cables (sold separately).

This connection method may vary, depending on specific factors in your environment.

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*   See the manual supplied with your DSL or cable modem to verify that it is equipped with a built-in router and network switch ports.

ENVIRONMENT 2: DSL/cable modem with built-in router, without network switch ports[*]

Connecting in Environment 2
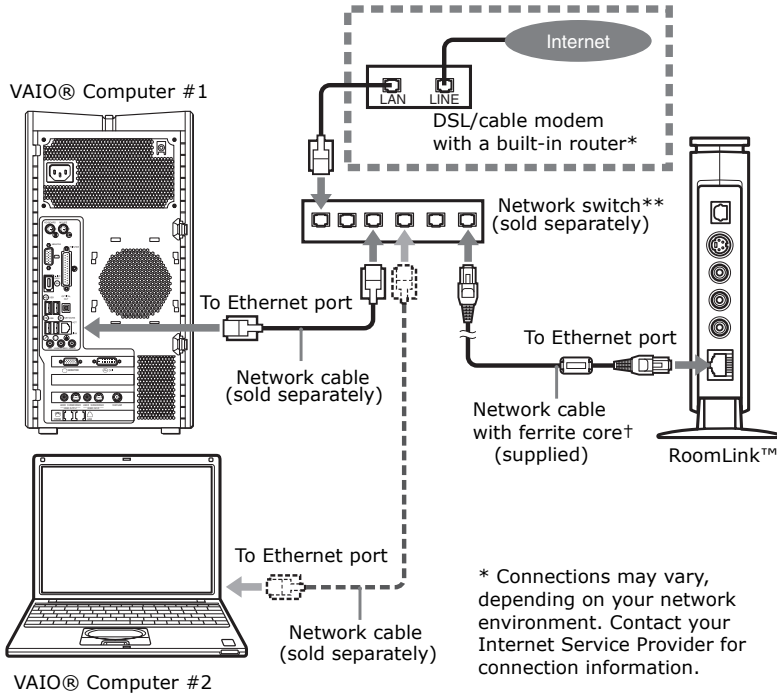
* Connections may vary, depending on your network environment. Contact your Internet Service Provider for connection information.

** Use a network switch that is compatible with the 100BASE-TX standard.

† Attach the supplied ferrite core to the supplied network cable, before connecting the cable to the network media receiver.

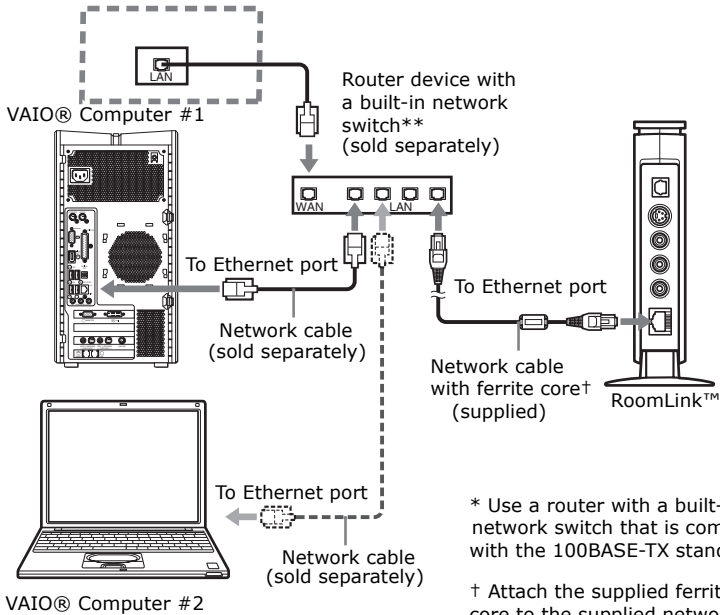*   Use equipment and network cable(s) that support 100BASE-TX.

Environment 2 — Connection method:

1   Connect RoomLink™ to a network switch device (sold separately), using the network cable (supplied) equipped with the ferrite core (supplied).

2   Connect the Ethernet jack on each VAIO® computer to a jack(s) on the network switch, using additional network cables (sold separately).

3   Connect the network switch device to the DSL or cable modem, using a network cable (sold separately).

   This connection method may vary, depending on specific factors in your environment.

ENVIRONMENT 3: DSL/cable modem without a built-in router[*]

Connecting in Environment 3
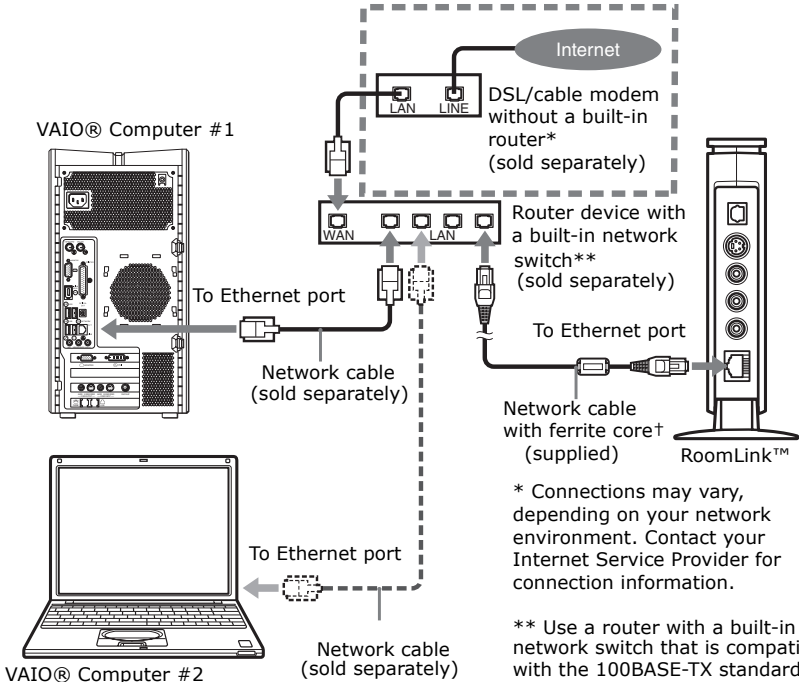
* Connections may vary, depending on your network environment. Contact your Internet Service Provider for connection information.

** Use a router with a built-in network switch that is compatible with the 100BASE-TX standard.

† Attach the supplied ferrite core to the supplied network cable, before connecting the cable to the network media receiver.
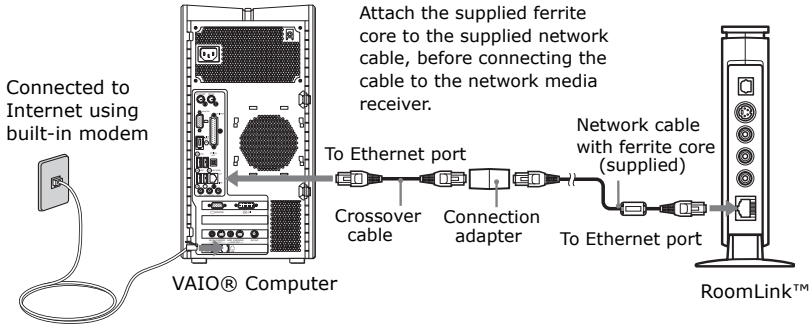
---

* Use equipment and cables that supports 100BASE-TX.

Environment 3 — Connection method:

1 Connect RoomLink™ to a router device with network switch (sold separately), using the network cable (supplied) equipped with the ferrite core (supplied).

2 Connect the Ethernet jack on each VAIO® computer to a jack(s) on the router device, using additional network cables (sold separately).

3 Connect the WAN jack on the router device, to the LAN jack on the DSL or cable modem, using a network cable (sold separately).

This connection method may vary, depending on specific factors in your environment.

ENVIRONMENT 4: Network cable is connected to a LAN, shared in a residential complex*

Connecting in Environment 4

Router device with a built-in network switch** (sold separately)

VAIO® Computer #1

To Ethernet port

Network cable (sold separately)

To Ethernet port

Network cable with ferrite core† (supplied)

RoomLink™

To Ethernet port

Network cable (sold separately)

VAIO® Computer #2

* Use a router with a built-in network switch that is compatible with the 100BASE-TX standard.

† Attach the supplied ferrite core to the supplied network cable, before connecting the cable to the network media receiver.

Connections may vary, depending on your network environment. Contact your Internet Service Provider for connection information.

---

* Use equipment and cables that support 100BASE-TX.

Environment 4 — Connection method:

1   Connect RoomLink™ to a router device with a built-in network switch (sold separately), using the network cable (supplied) equipped with the ferrite core (supplied).

2   Connect the Ethernet jack on each VAIO® computer to a jack(s) on the router device, using additional network cables (sold separately).

3   Connect the WAN jack on the router device to the LAN jack (residential complex).

This connection method may vary, depending on specific factors in your environment.

ENVIRONMENT 5: The VAIO® computer is connected to the Internet using the built-in modem[*]

Connecting in Environment 5

Attach the supplied ferrite core to the supplied network cable, before connecting the cable to the network media receiver.

Connected to Internet using built-in modem

To Ethernet port

Network cable with ferrite core (supplied)

Crossover cable

Connection adapter

To Ethernet port

VAIO® Computer

RoomLink™

Environment 5 — Connection method:

1 Insert one end of the crossover cable (supplied) into the Ethernet jack on your VAIO® computer.

2 Insert the other end of this crossover cable into the connection adapter (supplied).

3 Insert one end of the network cable (supplied) that is equipped with the ferrite core (supplied), into the connection adapter.

4 Insert the other end of this network cable into the Ethernet jack on the network media receiver.

This connection method may vary, depending on specific factors in your environment.

---

* In Environment 5 or 6, the VAIO computer requires a fixed IP address for the LAN connection. See "Assigning a fixed IP address" on page 47.

ENVIRONMENT 6: VAIO computer is not connected to the Internet[*]

Connecting in Environment 6

Attach the supplied ferrite core to the supplied network cable, before connecting the cable to the network media receiver.

To Ethernet port

Crossover cable

Connection adapter

Network cable with ferrite core (supplied)

To Ethernet port

VAIO® Computer

RoomLink™
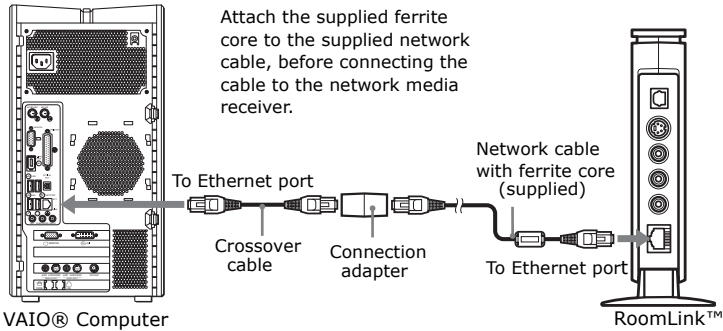
Environment 6 — Connection method:

1   Insert one end of the crossover cable (supplied) into the Ethernet jack on your VAIO® computer.

2   Insert the other end of this crossover cable into the connection adapter (supplied).

3   Insert one end of the network cable (supplied) that is equipped with the ferrite core (supplied), into the connection adapter.

4   Insert the other end of this network cable into the Ethernet jack on the network media receiver.

    This connection method may vary, depending on specific factors in your environment.

ENVIRONMENT 7: Connecting multiple VAIO computers (Under conditions similar to Environment 5 and 6)*

Connecting in Environment 7
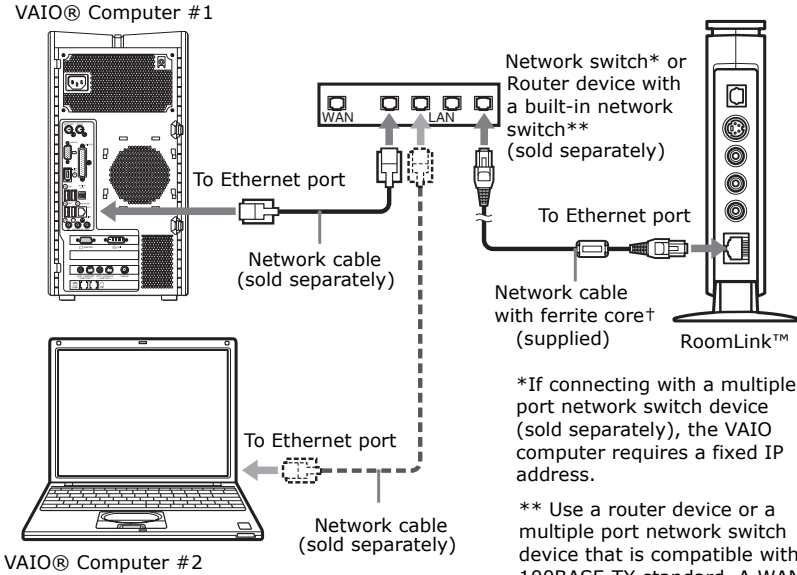
VAIO® Computer #1

Network switch* or Router device with a built-in network switch** (sold separately)

To Ethernet port

To Ethernet port

Network cable (sold separately)

Network cable with ferrite core† (supplied)

RoomLink™

To Ethernet port

Network cable (sold separately)

VAIO® Computer #2

*If connecting with a multiple port network switch device (sold separately), the VAIO computer requires a fixed IP address.

** Use a router device or a multiple port network switch device that is compatible with 100BASE-TX standard. A WAN connection is not necessary.

† Attach the supplied ferrite core to the supplied network cable, before connecting the cable to the network media receiver.

Connections may vary, depending on your network environment. Contact your Internet Service Provider for connection information.

---

* For information on fixed IP addresses, see "Assigning a fixed IP address" on page 47.

Environment 7 — Connection method:

1 Connect the network media receiver to a router device with a built-in network switch, or a multiple port network switch[*] device, using the network cable (supplied) equipped with the ferrite core (supplied).

2 Connect the Ethernet jack on each VAIO® computer to a jack(s) on the router device, using additional network cables (sold separately).

3 When using a router device with a built-in network switch, a WAN connection is not necessary.

This connection method may vary, depending on specific factors in your environment.

---

* If using a multiple port network switch device, your VAIO® computer requires a fixed IP address. See "Assigning a fixed IP address" on page 47.

Connecting RoomLink to a TV

Use the audio/video connection cable (supplied) to connect the network media receiver and your TV. Connect the cable by matching the connector colors to the jack colors on the TV's audio/video jacks.

Optional equipment and cables may be required to connect RoomLink™, TV, and VAIO computer, depending on your connection environment.

Connecting to a TV
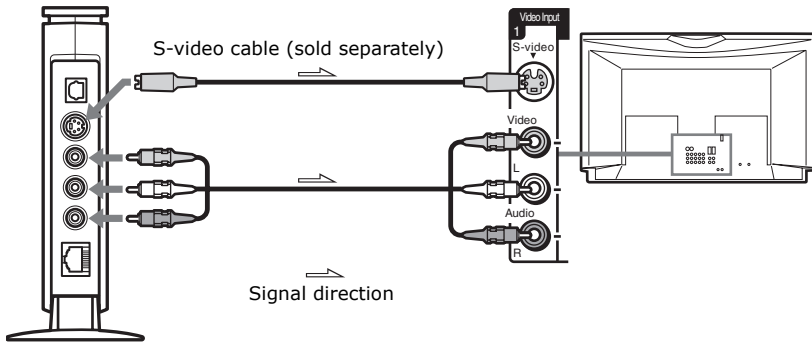
Connecting RoomLink and TV through a video recorder

Use the audio/video connection cable (supplied) to connect the network media receiver and your video recorder. Connect the cable, by matching the connector colors to the jack colors on the TV's audio/video jacks.

Optional equipment and cables may be required to connect RoomLink™ and VAIO computer, depending on your connection environment.

Connecting through a video recorder

Signal direction
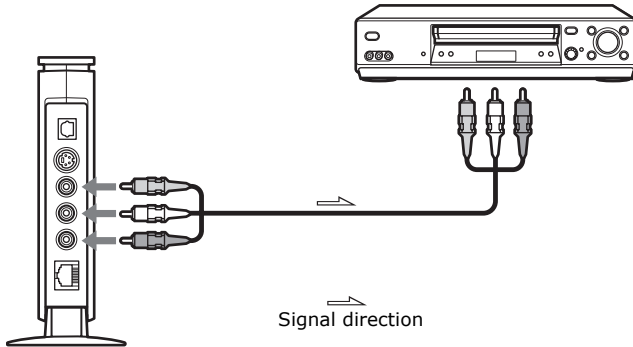
Connecting RoomLink to digital sound system equipment

Use an optical digital connection cable (sold separately) to connect the network media receiver and your digital sound system equipment.

1   Insert one end of an optical digital cable (sold separately) into the optical OUT port on the network media receiver.

2   Insert the other end of the optical digital cable into the optical IN port on the sound system equipment.

Optional equipment and cables may be required to connect RoomLink™ and VAIO computer, depending on your connection environment.

Connecting through digital sound system equipment

Signal direction
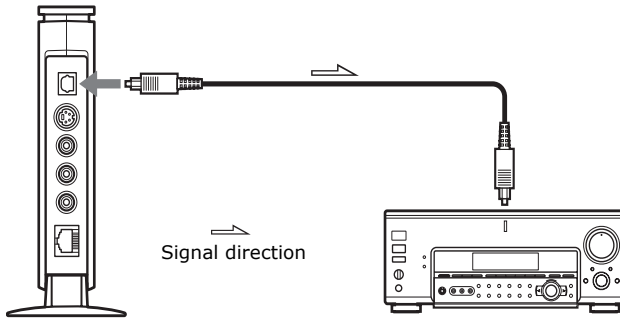
Assigning a fixed IP address

Each VAIO® computer in your network requires a fixed IP address in some environments:

❑ If your VAIO computer is connected to the Internet using the installed modem, as in Environment 5.

❑ If your VAIO computer is not connected to the Internet, as in Environment 6.

❑ If you are connecting more than one VAIO computer using a network switch device, as in Environment 7, or the network switch device is not connected to a router device.

✍ A fixed IP address is not required when your VAIO computer(s) is networked through a router with a built-in or standard network switch.

To assign a fixed IP address

1 Click **Start** in the Windows® taskbar and select **My Computer**.

The **My Computer** window appears.

2 In the **Other Places** section, click **My Network Places**.

The **My Network Places** window appears.

3 Click **View Network Connection**.

The **View Network Connection** window appears.

 Network Connections window
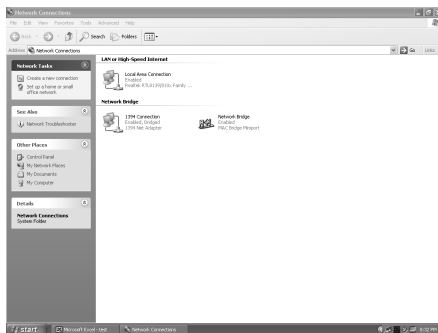
4 Right-click **Local Area Connection** and select **Properties** from the shortcut menu.

The **Local Area Connection Properties** dialog box appears

Local Area Connection Properties dialog box
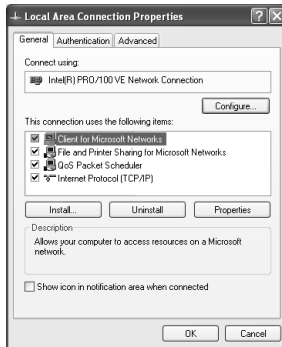
5 From the **General** tab, select **Internet Protocol (TCP/IP)** and click **Properties**.

The **Internet Protocol (TCP/IP) Properties** dialog box appears.

Internet Protocol (TCP/IP) Properties dialog box

6 Select "**Use the following IP address**" and specify an IP address and subnet mask, using the following format:

IP address: __169.254.__XXX.XXX
(Replace XXX with a numeric value between 001 and 254 — as an example: 169.254.222.222)

Subnet mask: __255.255.0.0__ (Use this number for the subnet mask)

7 Click **OK**.

The IP address is fixed, as specified. Close the **Local Area Connection Properties** and the **Internet Protocol (TCP/IP) Properties** dialog boxes.

Additional Information

❏ When you set up RoomLink™, the IP address must be specified. See "Specifying an IP address" on page 65, for details.

❏ Use different numbers, when specifying the IP address for RoomLink, where the IP address numbers are represented as "XXX.XXX."

Operating RoomLink

Start the network media receiver after you have finished setting up the hardware connections to your VAIO® computer and TV. Before using RoomLink™ with your VAIO® computer and TV, set up and configure your software as described in the section, "Configuring Software for Use with RoomLink" on page 51.

To begin using RoomLink

1   If applicable, turn on the router using the power button or switch.

2   Turn on your VAIO computer by pressing the power button, located on the front panel.

3   Turn on your TV by pressing the **TV Power** button on the Remote Commander® unit.

4   Switch the input connection to the network media receiver by pressing the **TV/Video** button on the Remote Commander. See "Remote Commander" on page 22, for details on button functions.

5   Turn on the network media receiver by pressing the **POWER** button on the Remote Commander.

✍ When the Standby indicator light is red (dimmed), RoomLink™ is ready to be turned on. The Standby indicator takes approximately 20 seconds to light after the AC adapter is plugged into a wall outlet.

The **Power/Rec** indicator lights and the **Main Menu** screen appears.

To stop using RoomLink

1   Turn off RoomLink™ by pressing the **POWER** button on the Remote Commander.

The **Power/Rec** indicator turns off and the **Main Menu** screen no longer appears on your TV screen.

2   Turn off your TV by pressing the **TV Power** button on the Remote Commander.

3   Turn off your VAIO computer using these steps:

1   Click **Start** in the Windows® taskbar and click **Shut Down**.

2   Click **Shut Down**.

Configuring Software for Use with RoomLink

This section provides information on configuring the media server, video, music and photo/still image software on your VAIO® computer.

Configuring VAIO Media software

VAIO Media™ software manages the interaction between RoomLink™ and your VAIO® computer(s), by enabling the computer(s) to act as a music, photo, and video servers. A VAIO computer that shipped with VAIO Media™ software preinstalled can be used as a VAIO Media server in a network environment.

VAIO Media software must be running when you access Giga Pocket™ Personal Video Recorder, SonicStage™, or PictureGear Studio™ software.

Preparing your multimedia content.

❑ **Music files**—Use SonicStage™ software, ver.1.5, to create Playlists of music tracks on your VAIO Media server computer. The VAIO Media Music Server™ software automatically makes these Playlists available to VAIO Media users on your network.

❑ **Still Image files**—To make your still image files available to VAIO Media users on your network, place the still image files (JPEG, GIF, BMP, or TIFF format) into the folder:

C:\Documents and Settings\All Users\Photo Server\VAIO Media

For specific information about this folder and location:

1 Click **Start** on the Windows® taskbar and select **All Programs**.

2 Point to **VAIO Media**, point to **Server Administration**, and then click **Photo Server ReadMe**.

3 Read the description on the designated folder.

❑ **Video Capsules**—Use Giga Pocket software, ver.5.0 or later, to create cabinets containing Video Capsules on your VAIO Media server computer. The VAIO Media Video Server™ software automatically makes these cabinets available to VAIO Media users on your network.

Setting up a VAIO Media server computer

Use the preinstalled **VAIO Media Console™** software on your VAIO® computer to start the appropriate VAIO Media™ servers (VAIO Media Music Server™, VAIO Media Photo Server™, or VAIO Media Video Server™).

See "To register RoomLink to your VAIO computer" on page 71 for more information.

✍ The music Playlists, video cabinets and photo collections are available for network sharing only when the VAIO Media server software is started.

1 Click **Start** on the Windows® taskbar, select **All Programs**.

2 Point to **VAIO Media**, point to **Server Administration**, and click **Console**.

The **VAIO Media Console** dialog box appears.

VAIO Media Console
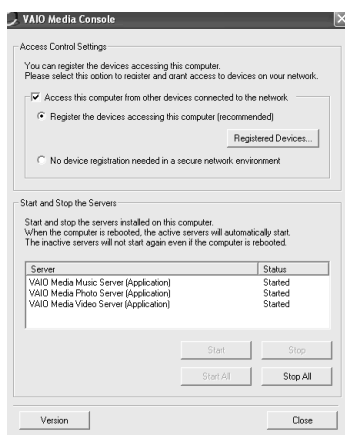
3 In the section, **Access Control Settings**, select the option, "**Access this computer from other computers on the network**."

A warning message appears.

4 Read the message and click **OK**.

5 Select the option, "**No device registration needed in a secure network environment**".

VAIO Media Console (detail)

6 In the section, **Start and Stop Servers**, verify that all available servers are shown as **Started**.

If any servers are shown as **Stopped**, click **Start All**.

7 Click **Close** in the VAIO Media Console window.

Configuring Giga Pocket Software

1   Click **Start** in the Windows taskbar and select **All Programs**

2   Point to **Giga Pocket**, click **All Software**, and then click **Giga Pocket Server**.

If you have not set a password for Giga Pocket Server:

❑   The **Giga Pocket Server password setting** dialog box appears.

❑   Click **Set password** and follow the on-screen instructions to set up your password.

Giga Pocket Server password setting

3   From the **Giga Pocket Server** dialog box, click **Hide**. Do not use ☒, as this closes Giga Pocket Server.

You can now tune into TV programs using Giga Pocket.

✍ Giga Pocket Server must be running with a set password, in order to use the RoomLink™ TV and video features.

Configuring RoomLink

This section provides information on configuring your network media receiver and VAIO® computer (server).

Configuring Default Settings

You can conveniently access certain RoomLink features and functions by customizing the default settings for your network media receiver and VAIO® computer.

Connecting to a server automatically

You can set RoomLink to automatically connect to a VAIO® computer (server), when accessing the TV, Video, Music, or Photo content. These steps establish a specific VAIO computer as the default server for the TV, Video, Music, and Photo features available through the network media receiver. Repeat these steps for each feature.
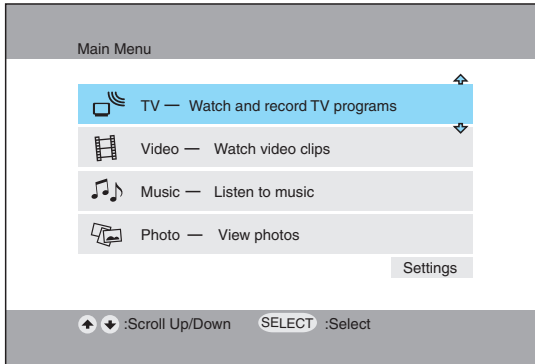
1   Turn on your VAIO computer by pressing the power button, located on the front panel.

2   If applicable, turn on the router using the power button or switch.

3   Turn on your TV by pressing the **Power** button in the TV control section of the Remote Commander® unit.

4   Switch the input connection to the network media receiver by pressing the **TV/VIDEO** button on the Remote Commander.

5   Turn on the network media receiver by pressing the **POWER** button on the Remote Commander.

✍ When the Standby indicator light is red (dimmed), RoomLink™ is ready to be turned on. The Standby indicator takes approximately 20 seconds to light after the AC power cord is plugged into a wall outlet.
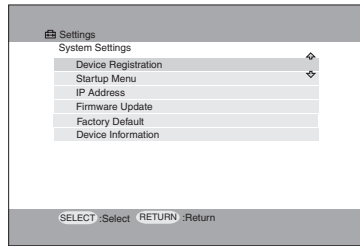
The network media receiver's **Power/Rec** indicator lights and the **Main Menu** screen appears on your TV.

6   Use ✦/✦ buttons on the Remote Commander to select a feature, such as **TV - Watch and record TV programs**. Press **SELECT**.

The **Select a server** screen appears, listing the names of the available servers.

✍ If the status of a server is shown as 🖥? , try selecting **Connect** from the submenu, the press the **SELECT button** on the Remote Commander.

7 Use the up or down arrow keys on the Remote Commander® unit to select a server. Press **SELECT**.

8 Use the up or down arrow keys on the Remote Commander to select **Connect Automatically**. Press **SELECT** to connect to the desired server.

To cancel the default server settings

1 From the **Select a server** screen, use the up or down arrow keys on the Remote Commander to select **Delete from list**. Press **SELECT**.

2 Press the OPTIONS button on the Remote Commander. Use the up or down arrow keys on the Remote Commander to select **Refresh**. Press **OK**.

✍ Your default server settings are deleted if the AC power is interrupted, or RoomLink™ software is updated.

Configuring a default startup screen

1 Turn on your VAIO computer by pressing the power button, located on the front panel.

2 If applicable, turn on the router device using the power button or switch.

3 Turn on your TV by pressing the **TV Power** button on the Remote Commander.

4 Switch the input connection to the network media receiver by pressing the **TV/VIDEO** button on the Remote Commander.

5   Turn on the network media receiver by pressing the **POWER** button on the Remote Commander.

The **Power/Rec** indicator lights and the **Main Menu** screen appears on your TV screen.

Main Menu screen

```
Main Menu
                                                              ⬆
        ⬚📺  TV —   Watch and record TV programs              ⬇
        ▤   Video —   Watch video clips
        🎵🎵 Music —   Listen to music
        🖼️📷 Photo —   View photos
                                                   Settings

     ⬆ ⬇ :Scroll Up/Down   (SELECT) :Select
```

✍ When the Standby indicator light is red (dimmed), RoomLink™ is ready to be turned on. The Standby indicator takes approximately 20 seconds to light after the AC power cord is plugged into a wall outlet.

6   Use ⬆/⬇ buttons on the Remote Commander® unit to highlight **Settings**. Press **SELECT**.

The **Settings** screen appears.

7 Use the up or down arrow keys on the Remote Commander to highlight **System Settings**. Press **SELECT**.

The **System Settings** screen appears.

System Settings screen

```
📁 Settings
   System Settings
      Device Registration                    ✧
      Startup Menu                           ✧
      IP Address
      Firmware Update
      Factory Default
      Device Information



   SELECT :Select  RETURN :Return
```

8 Use the up or down arrow keys on the Remote Commander to select **Startup Menu**, then press **SELECT**.

The **Startup Menu** screen appears.

Startup Menu screen

```
📁 Settings
   Startup Menu
   Startup Menu
   ○ Main Menu
   ○ TV
   ○ Video
   ○ Music
   ○ Photo
   ◉ Last Function Used

            OK      ◇ CANCEL

   SELECT :Select  RETURN :Return
```
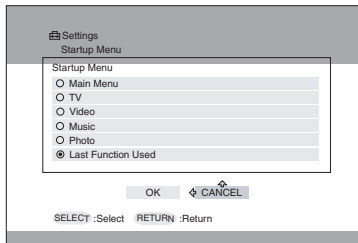
9 Use the up or down arrow keys on the Remote Commander® unit to highlight one of the following:

❏ Main Menu

❏ TV (TV Broadcasting screen)

❏ Video (Video Capsule Cabinets)

❏ Music (Playlist folders)

❏ Photo (Photo collections and folders)

❏ Last Function Used (The first screen of the feature used previously)[*]

10 Use the up or down arrow keys on the Remote Commander to select a Startup screen.

Highlight **OK**, then press the **SELECT** button.

✍ The default startup screen setting is deleted if the AC power is interrupted.

Configuring your VAIO computer to start automatically

You can set your VAIO® computer to start automatically when RoomLink™ attempts to connect. This is a convenient feature to use when the computer is in a different physical location from the network media receiver. This setting requires your computer to be in Standby or hibernate mode.

✍ Starting RoomLink™ does not automatically start your VAIO computer.

1 Click **Start** in the Windows taskbar and select **Control Panel**.

2 Click **Performance and Maintenance**, then click **System**.

The **System Properties** dialog box appears.

System Properties

3 Click the **Hardware** tab, then click **Device Manager**.

The **Device Manager** window appears.

---

* The factory default setting is "Last Function Used."

4   Click + next to **Network Adapter**.

The drop-down tree displays all available network adapters.

Device Manager
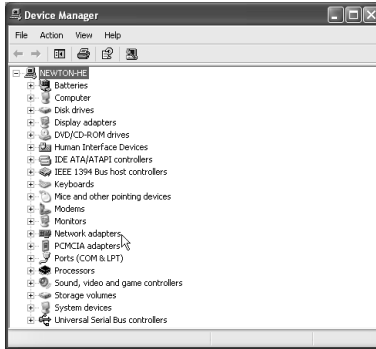
5   Double-click the network adapter that connects the computer to RoomLink™.

The network adapter's **Properties** dialog box appears.

Network Adapter Properties

✍ A Power Management tab should be available for the selected network adapter. If more than one network adapter is listed, select the device that has the Power Management tab available in the Properties dialog box.

6   From the Power Management tab, select the options, "**Allow this device to bring the computer out of standby**" and "**Only allow management stations to bring the computer out of standby**". Click **OK**.

Network Adapter Properties (detail)
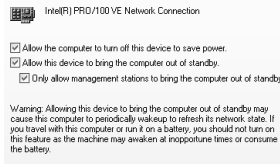
7   Close the Device Manager window, then click **OK** to close the **System Properties** dialog box.

To change the system Standby setting

1   Click **Start** in the Windows taskbar and select **Control Panel**.

2   Click **Performance and Maintenance**, then click **Power Options**.

The **Power Options Properties** dialog box appears.

3   From the **Power Schemes** tab, in the sections, **System standby** and **System hibernates**, select an option from each drop-down list and click OK.

Power Options Properties
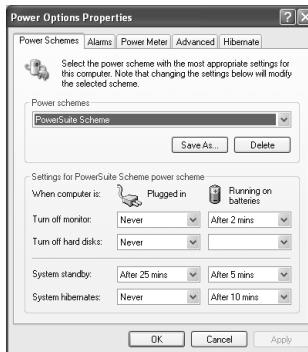
✍ It may take a while to connect to a server that is in Standby or Hibernate mode. You may wish to select the option, **Never**, as this disables the Standby and Hibernate modes.

Setting Up RoomLink

Specifying an IP address

1 On the Remote Commander® unit, press the **MAIN MENU** button.

The **Main Menu** screen appears.

2 Highlight **Settings**, then press the **SELECT** button.

The **Settings** screen appears.

Settings screen
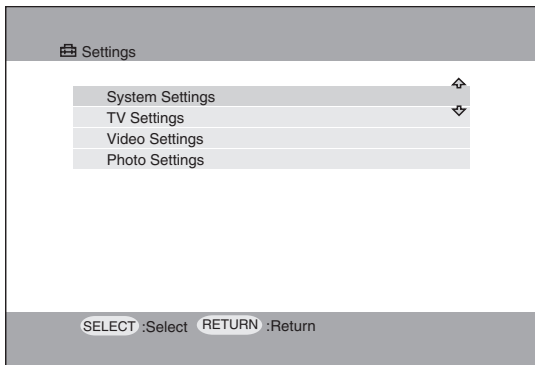
3 Press ↑/↓ to highlight **System Settings**, then press the **SELECT** button.

The **System Settings** screen appears.

4 Press the up or down arrow buttons to highlight **IP Address**, then press the **SELECT** button.

The **IP Address** screen appears.

IP Address screen

```
┌─────────────────────────────────────────────┐
│  🗄 Settings                                  │
│     IP Address                               │
│   ⊙ Obtain an IP address automatically (using router)  │
│   ○ Obtain an IP address automatically (not using router) │
│   ○ Specify an IP address                    │
│                                              │
│   ┌────────────────────────────────────────┐ │
│   │ Current Settings:                       │ │
│   │     IP Address:      000 . 000 . 000 . 000 │ │
│   │     Subnet Mask:     000 . 000 . 000 . 000 │ │
│   └────────────────────────────────────────┘ │
│                                              │
│            OK        ⬦ CANCEL                │
│   SELECT :Select  RETURN :Return             │
└─────────────────────────────────────────────┘
```
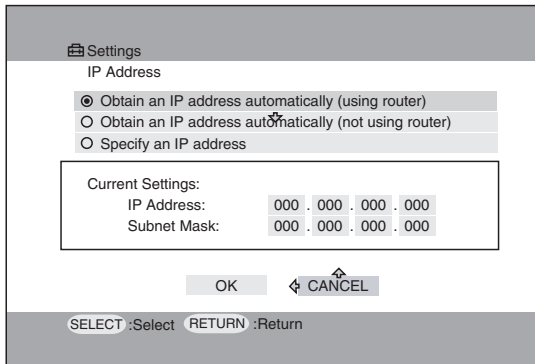
5 Press the up or down arrow buttons to highlight **Specify IP Address**, then press the **SELECT** button.

6 Use ◆/◆/◆/◆ to highlight the IP Address numbers, then press the **SELECT** button.

7 Use the channel number buttons or the up/down arrow buttons to enter numbers for the **IP address** and the **subnet mask**, then press the **SELECT** button.

8 Use direction arrow buttons to highlight **OK**, then press the **SELECT** button.

9 Turn the RoomLink™ unit off, then restart it, to enable the changes to take effect.

✍ If you are not using a router device, select "Obtain the IP address automatically." An IP address and subnet mask is generated automatically.

Updating RoomLink firmware

The network media receiver enables you to use your VAIO® computer to update RoomLink™ firmware.

✍ Check the Sony Computing Support Web site at http://www.sony.com/pcsupport, for future firmware updates.

1 On the Remote Commander, press the **MAIN MENU** button.

The Main Menu appears.

2 Highlight **Settings**, then press the **SELECT** button.
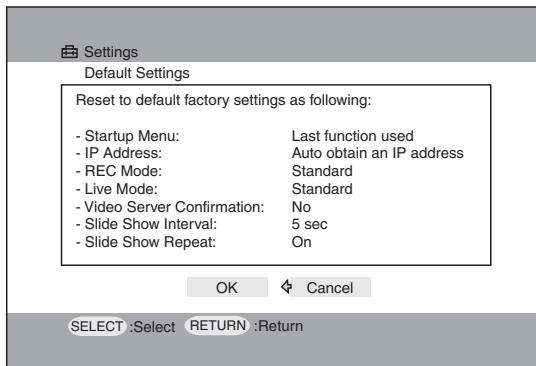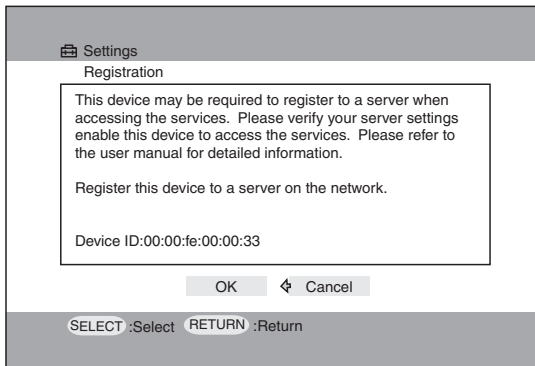
The **Settings** screen appears.

3 Press the up or down arrow buttons to highlight **System Settings**, then press the **SELECT** button.

The **System Settings** screen appears.

4 Press the up or down arrow buttons to highlight **Firmware update**, then press the **SELECT** button.

The **Firmware Update** screen appears.

Firmware Update screen
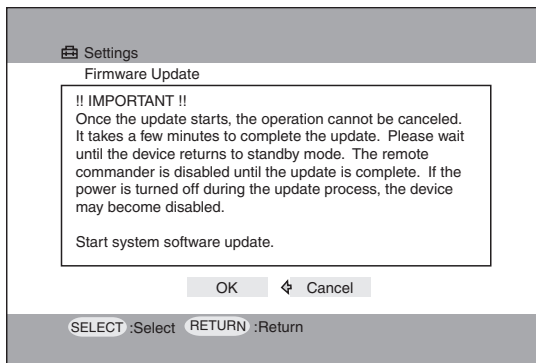
5 Use the direction arrow buttons to highlight **OK**, then press the **SELECT** button.

RoomLink™ prepares to download the firmware update. The **POWER/REC** indicator starts blinking (red) slowly.

⚠	**Once you have started the firmware update process, do not attempt to stop or cancel it. All buttons on the Remote Commander are disabled during the update.**

6 On your VAIO® computer, start the update tool and begin updating the system software of the network media receiver.

During the download, the **POWER/REC** indicator starts blinking rapidly. Do not unplug the AC power cord or the network cable during the download.

When the update is completed, the network media receiver goes into Standby mode.

✍ All settings except for the IP address are reset to the default settings, once the update is completed. The firmware update takes approximately three minutes to complete.

Resetting to the original factory settings

You can reset these features to the original factory default settings:

❏ Initial screen

❏ IP address

❏ Recording mode

❏ Live mode

❏ Default server (VAIO® computer)

❏ Slide Show intervals

❏ Slide Show looping (continuous play)

To reset the original factory settings:

1 On the Remote Commander® unit, press the **MAIN MENU** button.

The Main Menu appears.

2 Highlight **Settings**, then press the **SELECT** button.

The **Settings** screen appears.

3 Press the up or down arrow buttons to highlight **System Settings**, then press the **SELECT** button.

The **System Settings** screen appears.

4 Press the up or down arrow buttons to highlight **Factory Default**, then press the **SELECT** button.

The **Default settings** screen appears.

Default settings screen

```
┌──────────────────────────────────────────────────┐
│  ⊞ Settings                                        │
│     Default Settings                               │
│   ┌──────────────────────────────────────────┐    │
│   │ Reset to default factory settings as following:│
│   │                                          │    │
│   │ - Startup Menu:          Last function used│   │
│   │ - IP Address:            Auto obtain an IP address│
│   │ - REC Mode:              Standard        │    │
│   │ - Live Mode:             Standard        │    │
│   │ - Video Server Confirmation:  No         │    │
│   │ - Slide Show Interval:   5 sec           │    │
│   │ - Slide Show Repeat:     On              │    │
│   └──────────────────────────────────────────┘    │
│                   OK      ◁  Cancel               │
│   ┌──────────────────────────────────────────────┐ │
│   │ SELECT :Select  RETURN :Return               │ │
│   └──────────────────────────────────────────────┘ │
└──────────────────────────────────────────────────┘
```

5 Use ▸/▾/◂/▴ to highlight **OK**, then press the **SELECT** button.

All settings are reset to the original factory settings.

Registering RoomLink and your VAIO computer

RoomLink™ enables you to restrict access to your VAIO® computer, accepting access from the network media receiver only.

To register the network media receiver

1 On the Remote Commander® unit, press the **MAIN MENU** button.

The Main Menu appears.

2 Highlight **Settings**, then press the **SELECT** button.

The **Settings** screen appears.

3   Press the up or down arrow buttons to highlight **System Settings**, then press the **SELECT** button.

The **System Settings** screen appears.

4   Press the up or down arrow buttons to highlight **Device registration**, then press the **SELECT** button.

The **Device registration** screen appears.

Device registration screen

5   Press the direction arrow buttons to highlight **OK**, then press the **SELECT** button.

The **Registration in process** screen appears.

✍ If the registration of RoomLink™ and the VAIO® computer are cancelled, you need to begin the registration again.

To register RoomLink to your VAIO computer

1 Click **Start** on the Windows® taskbar, select **All Programs**.

2 Point to **VAIO Media**, point to **Server Administration**, and click **Console**.

The **VAIO Media Console** dialog box appears.
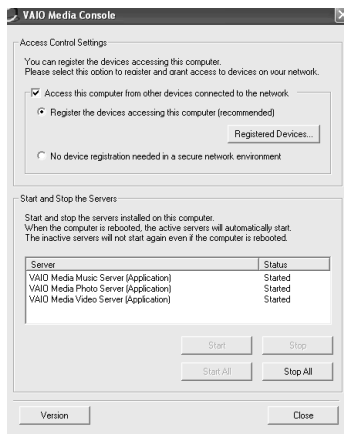
VAIO Media Console

3 In the **Access Control Settings** section, select the option, "**Access this computer from other computers on the network**."

A warning message appears.

4 Read the message and click **OK**.

5 From the VAIO Media Console, select the option, "**Register the devices accessing this computer (recommended)**"

VAIO Media Console (detail)

6   Click **Registered Devices**.

The **Registered Devices** dialog box appears.

Registered Devices

7   Click **Register**.

The **Device Registration** dialog box appears.

8   Clear the checkbox, "**Use the confirmation number to register your device**"

Device Registration

9   Click **Start Registration**.

The **Receiving Registration Request** dialog box appears, showing the registration progress.

10   When the **Registration Confirmation** message box appears, respond to the prompt, "**Do you want to add the device Sony Network Media Receiver?"**, by clicking **Yes**.

The Sony Network Media Receiver is added to the **List of Registered Devices**.

11   Click **Close** in the Devices dialog box.

12   Click **Close** in the VAIO Media Console window.

To complete registration

When **Registration Completed** is displayed on the TV screen:

1 Use the ⁺/⁺ on the Remote Commander® unit to highlight **Close**.

2 Press the **SELECT** button.

RoomLink™ is registered to your VAIO computer. The TV screen displays the System Settings screen again.

Watching and Recording TV Programs

This section provides information on using RoomLink™ to watch and record your favorite TV programs, using your VAIO® computer and TV.

Watching TV programs

The network media receiver enables you to view TV programs, received through your VAIO® computer that is equipped with Giga Pocket™ Personal Video Recorder, on your TV screen.

✍ Giga Pocket Personal Video Recorder hardware and software must be set up on your VAIO computer in order to view TV programs. Refer to the Giga Pocket information supplied with your computer, for details on setting up for TV viewing.

Some VAIO models do not support the Picture-in-Picture feature for viewing TV programs.

Watching TV programs

1   On the Remote Commander, press the **MAIN MENU** button.

   The **Main Menu - TV** screen appears.

Main Menu - TV screen
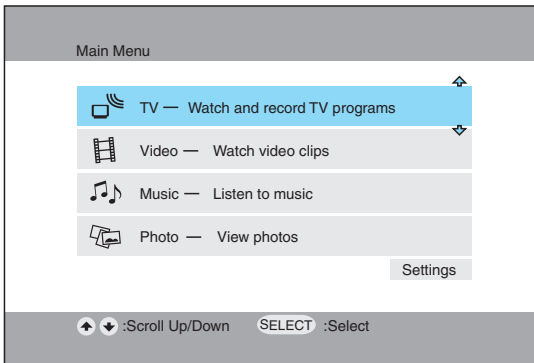
2   Press ✦/✦ to highlight **TV - Watch and record TV programs**, then press the **SELECT** button.

3   Highlight a server that has Giga Pocket™ features and press the **SELECT** button.

4 Highlight **Connect** and press the **SELECT** button.

The **TV program** screen appears.

TV program screen
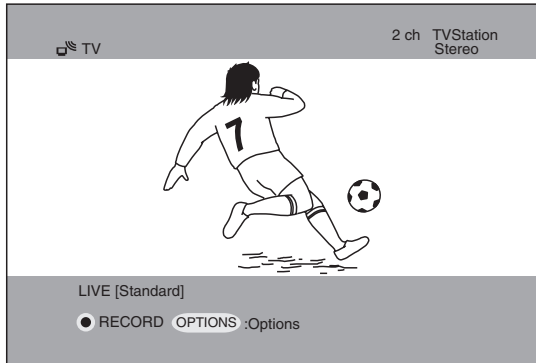
5 On the Remote Commander, use the **CHANNEL +/-** buttons, or use the channel number and **ENTER** buttons**,** to change the channels.

✍ It may take 3 - 5 seconds for each channel change after pressing the **ENTER** button or using the **CHANNEL** switch.

To view a TV program received from a different VAIO computer (server)

You can select a specific server to use, if more than one computer is connected to RoomLink™.

From the TV program screen:

1 On the Remote Commander, press the **OPTIONS** button.

2 Highlight **Select a server**, then press the **SELECT** button.

3 From the **Select a server** screen, use the up and down arrow buttons to highlight a server, then press the **SELECT** button.

4 Highlight **Connect** from the submenu, then press the **SELECT** button.

To change the audio mode

Each time you press the **AUDIO** button, the audio mode switches in the following cycle:

Main (Stereo) --> SAP (Stereo L) --> Main/SAP (Stereo R)

✍ Your VAIO® computer, equipped with Giga Pocket™ features, must have the Auto-SAP feature turned on. See the Giga Pocket Help for details on this feature.

To view video content using the Video IN or S-video In jack on your VAIO computer

From the TV program screen:

1   On the Remote Commander, press the **OPTIONS** button and highlight **Select an input**.

2   Press the **SELECT** button.

3   Highlight an available input option, then press the **SELECT** button.

Additional Information

❏   You cannot view a movie that is copyright-protected.

❏   When more than one computer is connected to RoomLink™, you cannot switch connection to a different server, while one computer is receiving TV programming.

❏   While a VAIO computer is recording a TV program using Giga Pocket™ software, the network media receiver cannot connect to it.

❏   If your VAIO computer has a timer recording that is scheduled to start while you are watching a different TV program using RoomLink, the recording starts and the TV reception switches to the channel being recorded.

❏   When viewing TV programs continuously for 12 hours, the TV programming may be disrupted for 10 to 20 seconds, after which the TV program automatically resumes for normal viewing.

Changing your TV display quality

You can change your TV display quality by following these steps:

From the TV program screen:

1 On the Remote Commander® unit, press the **OPTIONS** button.

The **OPTIONS** screen appears.

2 Press ↟/↡ to highlight TV Settings, then press the **SELECT** button.

The **TV Settings** screen appears.

TV Settings screen
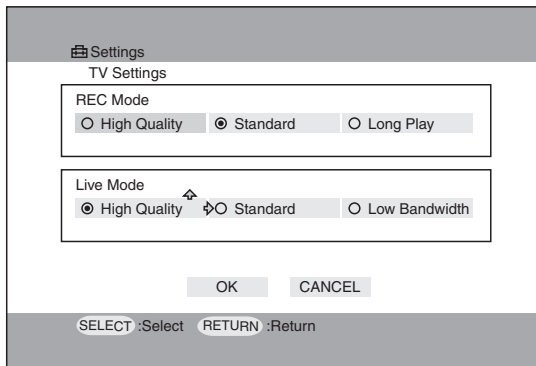
3 In **Live** mode, use ↟/↡/↞/↠ to specify **High Quality** (High), **Standard** (Medium) or **Low Bandwidth** (Low).

✍ Selecting High Quality (High) may exceed the bandwidth on the network, causing your TV program or audio reception to be interrupted.

4 Highlight **OK**, then press the **SELECT** button.

The TV display quality changes and the TV program screen resumes.

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Recording TV programs

The network media receiver enables you to view TV programs, received through your VAIO® computer, on your TV screen.

✍ Giga Pocket™ Personal Video Recorder hardware and software must be set up on your VAIO computer to view TV programs. Refer to Giga Pocket information supplied with your computer, for details on setting up for TV viewing.

Some VAIO models do not support the Picture-in-Picture feature for viewing TV programs (See P.15 for details).

Starting a recording session

1   On the Remote Commander, press the **MAIN MENU** button.

The **Main Menu-TV** screen appears.

Main Menu - TV screen


```
Main Menu
                                                   ⬀
      ⬜⚏   TV —   Watch and record TV programs        ⬂

      ▥    Video —   Watch video clips

      ♫♪   Music —   Listen to music

      ▱    Photo —   View photos

                                           Settings

      ⬥ ⬥ :Scroll Up/Down   SELECT  :Select
```
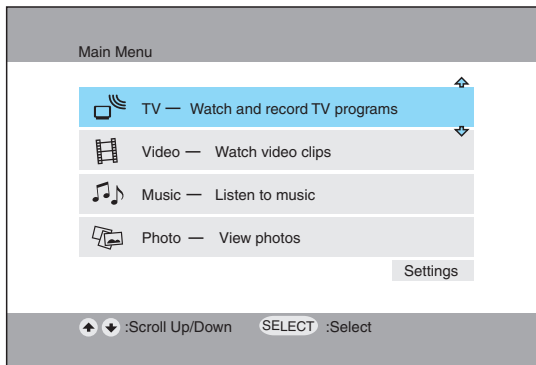
2   Press ⬥/⬥ to highlight **TV - Watch and record TV programs**, then press the **SELECT** button.

3   Highlight a server that has Giga Pocket™ features and press the **SELECT** button.

4   Highlight **Connect** and press the **SELECT** button.

The **TV** program screen appears.

TV program screen
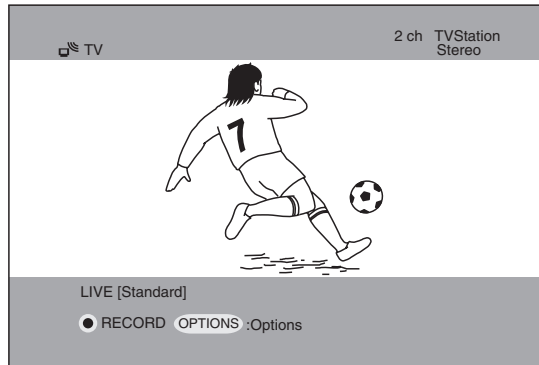
5   On the Remote Commander® unit, use the **CHANNEL +/-** buttons, or use the channel number and **ENTER** buttons**,** to change the channels.

✍ It may take 3 - 5 seconds for each channel change after pressing the **ENTER** button or pressing the **CHANNEL +/-** buttons.

6   Press the **REC** button.

The TV reception is briefly interrupted, then recording begins. The **POWER/REC** indicator on the network media receiver lights up during recording.

TV program recording screen
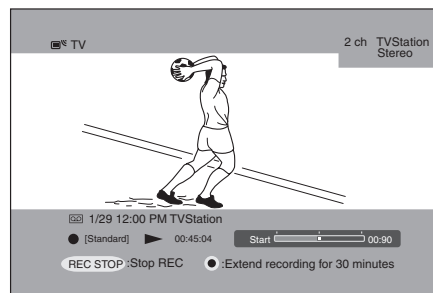
By default, the RoomLink recording feature is preset to automatically stop 30 minutes after pressing the **REC** button. The length of the recording session can be extended by 30-minute increments (up to a total of 6 hours) each time you press the **REC** button.

7   To end the recording, press the **REC STOP** button.

After a few moments, the recording stops. The TV program pauses briefly, before continuing.

To view or hide the information display

To toggle between viewing or hiding the information displayed on the TV program screen, press the **DISPLAY** button on the Remote Commander.

To record a TV program received from a different VAIO computer (server)

You can select a specific server to use, if more than one computer is connected to RoomLink™.

From the TV program screen:

1   On the Remote Commander, press the **OPTIONS** button.

2   Highlight **Select a server**, then press the **SELECT** button.

3   From the **Select a server** screen, highlight the server to use, then press the **SELECT** button.

4   Highlight **Connect** from the submenu, then press **SELECT** button.

Additional Information

❑   You cannot change recording mode (High Quality, Standard, or Long Play) during a recording session.

To change recording mode, follow these steps:

1   Using the Remote Commander, press the **OPTIONS** button while the TV program screen is displayed

2   Highlight **TV Settings**, then press the **SELECT** button.

3   Make the desired changes, highlight **OK**, and then press the **SELECT** button.

The display returns to the TV program screen.

❑ You cannot switch features while recording a TV program.

❑ The length of a recording session can be extended by 30-minute increments (up to a total of 6 hours) each time you press the **REC** button.

❑ It takes 20 seconds for recording to start or stop after pressing the **REC** or the **REC STOP** button on the Remote Commander.

❑ It takes 20 seconds for the TV to resume TV broadcast after a recording session is stopped.

Recording TV programs using the digital timer

The RoomLink has a digital timer that enables you to make timed recordings of TV programs without operating your VAIO® computer.

1 While viewing a TV program on your TV, using RoomLink™, press the **OPTIONS** button on your Remote Commander® unit.

The **OPTIONS** menu appears.

Options menu pop-up
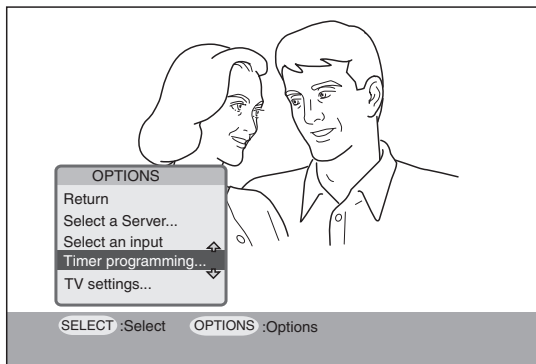
2 Press ◆/◆ to highlight **Timer programming**, then press the **SELECT** button.

The **Timer programming** screen appears.

Timer programming screen
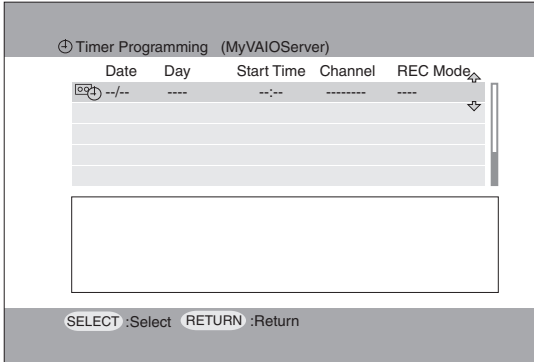
3 Press the **SELECT** button again. The **Change Timer** screen appears.

4 Press the up or down arrow buttons to highlight the month area in **Start Date/Time**, then press the **SELECT** button.

5 Press the up or down arrow buttons to select a specific month, then press the **SELECT** button.

6 As described in steps 4 and 5, specify the following:

❑ The day, hour, and minute of **Start Date/Time**.

❑ The hour and minute of Length, Channel, and Recording Modes.

✍ You can also use the channel number buttons and press the ENTER button to specify numeric values.

The shortest recording duration permitted is 3 minutes.

7 To record the same program at the same time every week, use the right or left arrow buttons to highlight **Recurrence ON**, then press the **SELECT** button.

8 Highlight the desired day of the week, then press the **SELECT** button.

9 Highlight **OK**, then press the **SELECT** button.

The timer recording is programmed, and the recording starts automatically according to your timer settings.

Canceling a timer recording

1 From the **Timer programming** screen, press the up or down arrow buttons to highlight the timer recording you want to cancel and press the **SELECT** button.

A submenu appears.

2 Press ✦/✦ to highlight **Cancel Timer programming**, then press the **SELECT** button.

A confirmation message appears.

3 Press the up or down arrow buttons to highlight **OK**, then press the **SELECT** button.

The recording is canceled.

Changing a timer recording

1 From the **Timer programming** screen, press the up or down arrow buttons to highlight the timer recording you want to cancel and press the **SELECT** button.

A submenu appears.

2 Press the up or down arrow buttons to highlight **Change Timer Programming**, then press the **SELECT** button.

A confirmation message appears.

3 Change the timer programming settings.

4 Press the up or down arrow buttons to highlight **OK**, then press the **SELECT** button.

The recording setting is changed.

Additional information

❑ You can set up timer recording up to a year in advance.

❑ The RoomLink cannot be used to change timer recording sessions that were set up using the Giga Pocket™ timer recording function.

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Viewing Video

This section provides information on using RoomLink™ to watch Video Capsules with your VAIO® computer and TV.

Playing Video

The RoomLink™ enables you to view Video Capsules, recorded with Giga Pocket™ Personal Video Recorder, on your TV screen. You can also use the network media receiver to watch compatible video files.

Your network media receiver supports Video Capsules recorded with Giga Pocket™ software or with the network media receiver. Other movie files may not be compatible. The network media receiver displays the Video Capsule names as identified in Giga Pocket software. For details on how to use Giga Pocket features, refer to your VAIO® Computer User Guide or the Giga Pocket Help.

Watching video content

1 On the Remote Commander, press the **MAIN MENU** button.

The Main Menu appears.

Main Menu screen


```
Main Menu

        □⌇   TV —  Watch and record TV programs
                                                        ⬆
        ▐▌   Video —   Watch video clips
                                                        ⬇
        ♫♪   Music —  Listen to music

        ▱⊿   Photo —   View photos

                                            Settings

    ⬆ ⬇ :Scroll Up/Down    SELECT  :Select
```
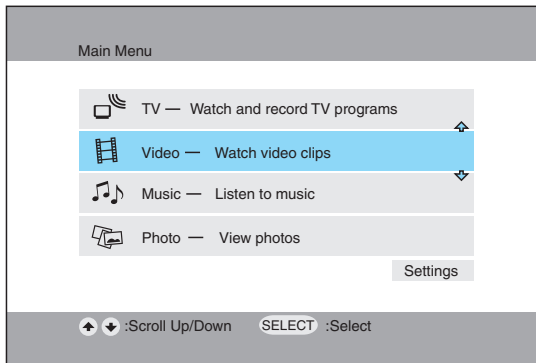
2 Select the **Video** Feature and press the **SELECT** button.

3 Press ✦/✦ to highlight **Video - Watch video clips**, then press the **SELECT** button.

4 Highlight a server that contains the desired Video Capsules, and press the **SELECT** button.

5 Highlight **Connect** and press the **SELECT** button.

The **Video Capsule** screen appears.

Video Capsule screen


```
📺 Video
 📂 All Libraries
    📠 All Video Capsules        17 clip(s)
    📑 My Cabinet                  8 clip(s)
    📑 Movies                      5 clip(s)
    📑 Music Videos                2 clip(s)
    📑 Exercise Videos             2 clip(s)



    SELECT :Select   OPTIONS :Options
```
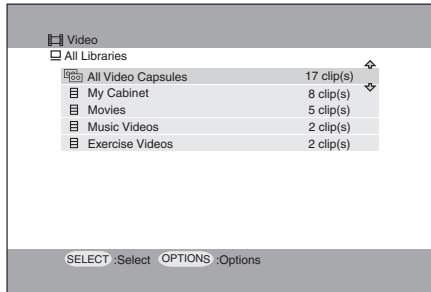
6 Press the up or down arrow buttons to highlight the video cabinet that contains the desired Video Capsule, then press the **SELECT** button.

The video cabinet opens and a list of available Video Capsules is displayed.

Only the Video Capsules created using Giga Pocket™ Personal Video Recorder are compatible with RoomLink™.

7 Press the up or down arrow buttons to highlight a Video Capsule to play, then press the **SELECT** button.

8 Press the up or down arrows to highlight **PLAY**, then press **SELECT**.

The network media receiver starts playing the selected Video Capsule.

To view the Video Capsule while rewinding or fast-forwarding

1 Using the Remote Commander® unit, press the **REW** or the **FWD** button.

2 Press the **FWD** button once to fast-forward video playback. Press the **FF** button twice to fast-forward in 30-second increments.

3 Press the **PLAY** button to resume normal video playback.

To view a video or movie stored on another VAIO computer (server)

You can select a specific server to use, if more than one computer is connected to RoomLink™.

From the TV program screen:

1   On the Remote Commander, press the **OPTIONS** button.

2   Highlight **Select a server**, then press the **SELECT** button.

3   From the **Select a server** screen, highlight the server to use, then press the **SELECT** button.

   Highlight **Connect** from the submenu, then press the **SELECT** button.

To stop playback of a Video Capsule

To stop playback, press the **STOP** button on the Remote Commander. The TV screen displays the Video cabinet/Video Capsule screen.

To pause playback of a Video Capsule

1   To pause playback, press the **PAUSE** button.

2   To resume playback, press the **PLAY** button.

To sort Video Capsules

The Video Capsules screen enables you to sort Video Capsules by name or by recorded date/time, in ascending or descending order.

1   Press the **OPTIONS** button while the Video Capsules screen is displayed.

   The **OPTIONS** menu appears.

2   Press ✦/✦ to highlight **Sort**, then press the **SELECT** button.

A submenu appears.

Video Sort options screen
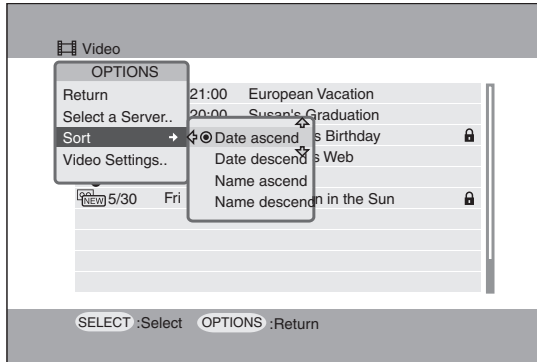
3   Press the up or down arrow buttons to specify the sort order, then press the
        SELECT button.

The Video Capsules are sorted as specified.

To delete Video Capsules

You can delete the Video Capsules stored on your video server.

1   From the Video Capsules screen, highlight a Video Capsule for deleting,
        then press the **SELECT** button.

A submenu appears.

2   Press ✦/✦ to highlight *Delete*, then press the **SELECT** button.

A confirmation message appears.

3   Press the up or down arrow buttons to highlight **OK**, then press the
        SELECT button.

The selected Video Capsule is deleted from the server.

✍ Protected Video Capsules cannot be deleted through RoomLink™.

To protect Video Capsules

The Video Capsules screen enables you to protect Video Capsules so that they cannot be deleted.

1   From the Video Capsules screen, highlight a Video Capsule for protection, then press the **SELECT** button.

A submenu appears.

2   Press the up or down arrow buttons to highlight **Read-only**, then press the **SELECT** button.

A confirmation message appears.

3   Press the up or down arrow buttons to highlight **OK**, then press the **SELECT** button.

A 🔒 appears next to the Video Capsule title. The Video Capsule is protected from deletion.

To cancel the protection on Video Capsules:

1   From the Video Capsules screen, highlight a protected Video Capsule, then press the **SELECT** button.

A submenu appears.

2   Press the up or down arrow buttons to highlight **Read-only OFF**, then press the **SELECT** button.

3   Press the up or down arrow buttons to highlight **OK**, then press the **SELECT** button.

The lock icon disappears and the protection is removed from the selected Video Capsule.

Changing the video settings

When you use different servers as the default for the Video and TV features, all recorded TV programs are stored on the computer being used as the default TV server.

1   Press the **OPTIONS** button while the Video Cabinets or Video Capsules screen is displayed.

The **OPTIONS** menu appears.

2   Press ✦/✦ to highlight **Video Settings**, then press the **SELECT** button.

The **Video Settings** screen appears.

Video Settings screen


```
  📠 Settings
      Video Settings
  ┌─────────────────────────────────────────────────┐
  │ When connecting to the default video server, would you like │
  │ to confirm whether the same server is selected for TV?      │
  │                                                  │
  │                                                  │
  │   ⦿ Yes    ⬦ O No                                │
  │          ⬦                                       │
  └─────────────────────────────────────────────────┘

              OK         Cancel

  SELECT :Select  RETURN :Return
```
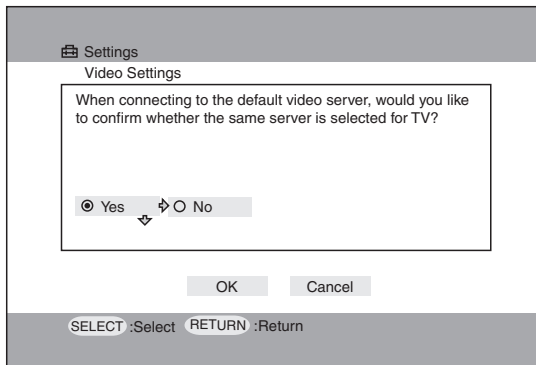
3   Press the up or down arrow buttons to select the **Yes** or **No** option, then press the **SELECT** button.

4   Press the up or down arrow button to highlight **OK**, then press the **SELECT** button.

The display returns to the Video Cabinets/Video Capsules screen.

Using the film roll feature

The network media player has a thumbnail view (film roll) feature that enables you to select the frame to start playback.

1   Press the up arrow button during video playback or pause.

A film roll appears on your TV screen.

Film roll view screen
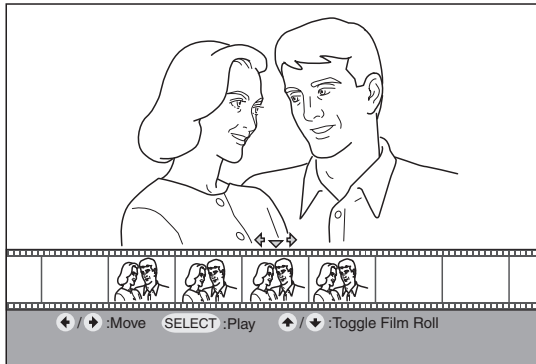
2   Press the right or left arrow buttons to move the cursor ⬥⬇⬥ to a specific frame, then press the **SELECT** button.

The playback starts from the specified frame.

3   To hide the film roll, press the up or down arrow buttons.

Using the time search feature

The time search feature enables you to find a specific frame to start the playback by specifying a playback time.

1   Press the **OPTIONS** button during playback or pause.

A submenu appears.

2   Highlight **Time Search** and press **SELECT**.

The **Time search** screen appears.

3   Use the number buttons to enter a specific time and press **SELECT**.

The playback starts at the specified playback time.

✍ If you entered a wrong number, press the **CLEAR** button to erase the entry.

Resuming video playback from the original frame

You can return to the frame where playback was previously stopped and resume playing back the Video Capsule.

1   From the **Video Capsules** screen, highlight the Video Capsule to play, then press the **SELECT** button.

A submenu appears.

2   Press ✦/✦ to highlight **Resume**, then press the **SELECT** button.

The media player starts playing the Video Capsule from the frame where playback was previously stopped.

✍ The Resume function maintains a history of the last 5 playback actions, along with frame where each playback was stopped. When you play more than 5 Video Capsules, the information on the oldest playback is erased from this history.

Listening to Music

This section provides information on using RoomLink™ to listen to music with your VAIO® computer and TV.

Playing Music

RoomLink™ enables you to play music files stored on your VAIO® computer with SonicStage™ software, using your TV's sound system or a digital sound system connected to your TV.

The Playlists managed by SonicStage software are supported by the network media receiver[*]. Other music files may not be compatible with RoomLink™. RoomLink displays the Playlist names and Playlist folder names as identified in SonicStage software. For details on how to use SonicStage software, see your VAIO® Computer User Guide or the specific software's Help.

Listening to music

1   On the Remote Commander, press the **MAIN MENU** button.

The Main Menu appears.

Main Menu screen

```
Main Menu

   ▢     TV —  Watch and record TV programs
   ▤     Video —  Watch video clips
                                              ⬆
   ♫♪   Music —  Listen to music
                                              ⬇
   ▱     Photo —  View photos

                                    Settings

   ⬆ ⬇ :Scroll Up/Down    SELECT  :Select
```
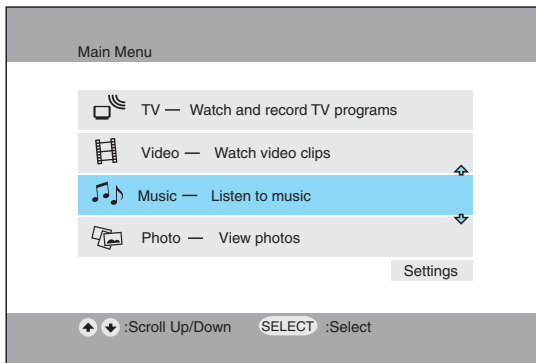
2   Press the up or down arrow buttons to highlight **Music - Listen to music**, then press the **SELECT** button.

3   Highlight a server that contains the desired Playlists or music tracks and press the **SELECT** button.

---

* RoomLink™ does not support WMA files.

4   Highlight **Connect** and press the **SELECT** button.

The **Music - All Libraries** screen appears, displaying both folders and Playlists.

Music - All Libraries screen

5   To play a Playlist:

Press the up or down arrow buttons to highlight the desired Playlist, then press the **PLAY** button.

The Playlist opens and RoomLink™ starts playing from the first track in the Playlist.

To open a folder:

1   Highlight the folder that contains the desired Playlist, then press the **SELECT** button.

2   Press the up or down arrow buttons to highlight the desired Playlist, then press the **PLAY** button.

The Playlist opens and RoomLink™ starts playing from the first track in the Playlist.

✍ If the Playlist cover art is available in the SonicStage™ software, it is displayed on your TV screen. Otherwise, default Playlist cover art is displayed on your TV screen.

To play music files stored on another VAIO computer (server)

You can select a specific server to use, if more than one computer is connected to RoomLink™.

From the Music - All Libraries screen:

1   On the Remote Commander, press the **OPTIONS** button.

2   Highlight **Select a server**, then press the **SELECT** button.

3   From the **Select a server** screen, highlight the server to use, then press the **SELECT** button.

4   Highlight **Connect** from the submenu, then press the **SELECT** button.

To navigate within a Playlist during playback

1   On the Remote Commander, press the **PREV** button once.

The current music track plays from the beginning.

2   Press the **PREV** button twice.

The previous music track begins to play.

3   Press the **NEXT** button once.

The next track begins to play.

To rewind or fast-forward the music track

1   Using the Remote Commander, press the **REW** or the **FWD** button.

2   Press the **PLAY** or **PAUSE** button to resume playback of the music track.

To stop playback

Using the Remote Commander, press the **STOP** button.

To pause playback

1   On the Remote Commander, press the **PAUSE** button.

2   Press the **PLAY** button to resume playback of the music track.

To loop a music track

The Repeat function enables you to repeat the playback of a single music track or an entire Playlist.

1 Press the **OPTIONS** button during the playback of the music track or Playlist.

The **OPTIONS** menu appears.

Options screen
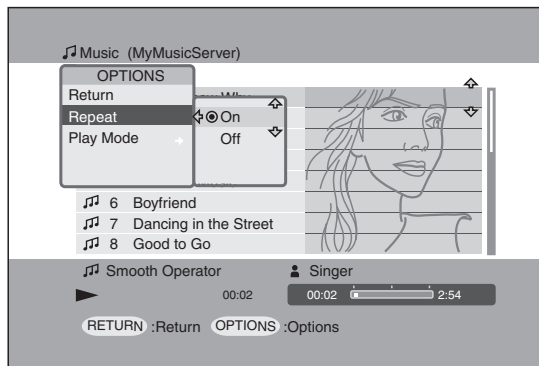
2 Press ↑/↓ to highlight **Repeat**, then press the **SELECT** button.

A submenu appears.

3 Press the up or down arrow buttons to highlight **ON**, then press the **SELECT** button.

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To choose a PLAY mode

The Play Mode enables you to play all tracks in a Playlist (normal playback), play a specific music track, or play music tracks in the Playlist randomly (shuffle).

1   Press the **OPTIONS** button during the playback of the Playlist.

   The **OPTIONS** menu appears.

2   Press the up or down arrow buttons to highlight **Play** mode, then press the **SELECT** button.

   A submenu appears.

3   Press the up or down arrow buttons to highlight a **Play** mode, then press the **SELECT** button.

✍ The playback mode "**Track**" plays the current music track only.

To sort folders or Playlists

The Folders and Playlist screen enables you to sort folders or Playlists by name, in ascending or descending order.

1   Press the **OPTIONS** button while the Folders and Playlist screen is displayed.

   The **OPTIONS** menu appears.

2   Press the up or down arrows to highlight **Sort**, then press the **SELECT** button.

   A submenu appears.

3   Press the up or down arrows to specify the sort order, then press the **SELECT** button.

   The folders and Playlists are sorted as specified.

Viewing Photos

This section provides information on using RoomLink™ to view photos in slide show format or as individual still images, using your VAIO® computer and TV.

Viewing Photos/Still Images

RoomLink™ enables you to use your TV to view still images (photos), stored on your VAIO® computer, in slide show format.

Only the photos managed with PictureGear Studio™ software, or the photo files stored in a designated folder are supported by the network media receiver.

About PictureGear Studio software

If PictureGear Studio software is installed on your VAIO computer, use the Photo Collection feature to store your photos for the Photo server. For more information on using PictureGear Studio software, see the PictureGear Studio Help.

If PictureGear Studio is not installed on your VAIO computer, you can store your photos in a specific location, to make the images available to the Photo server. Photo files stored in any other location are not available for RoomLink™.

1   Click **Start** on the Windows® taskbar and select **My Computer**.

2   Go to Local Disk (C:) and click "**Show the contents of this folder**".

3   Select **Documents and Settings**, select **All Users,** select **Photo Server**, and then select **VAIO Media**.

The file location is:
C:\Documents and Settings\All Users\Photo Server\VAIO Media folder.
(The name of this designated folder may vary.)

For specific information about this folder and location:

1   Click **Start** on the Windows® taskbar and select **All Programs.**

2   Point to **VAIO Media**, point to **Server Administration**, and then click **Photo Server ReadMe**.

3   Read the description on the designated folder.

Viewing Photos

1 On the Remote Commander® unit, press the **MAIN MENU** button.

The **Main Menu - Photo** appears.

Main Menu - Photo screen
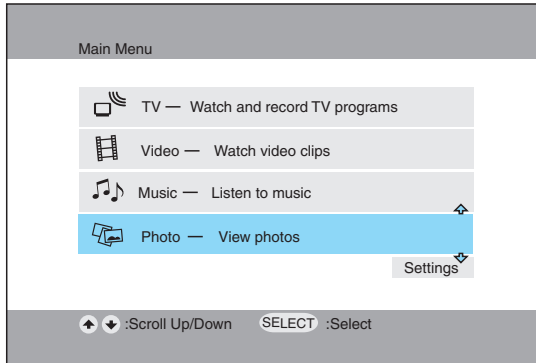
2 Press the up or down arrow buttons to highlight **Photo - View photos**, then press the **SELECT** button.

3 Highlight a server that contains the desired photo collections and still images, and press the **SELECT** button.

4 Highlight **Connect** and press the **SELECT** button.

The **Photo - All Libraries** screen appears, displaying available folders and photo collections.

Photo - All Libraries screen
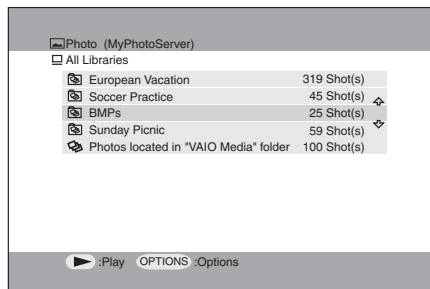
5 Press ▲/▼ to highlight the folder that contains the desired photo collection or photos, then press the **SELECT** button.

The folder opens and a list of available still images is displayed.

✍ Only still image files are compatible for viewing with RoomLink™.

6 Press the up or down arrow buttons to highlight the collection or still image to view, then press the **PLAY** button.

RoomLink™ starts playing the selected collection or photos as a slide show on your TV.

To view photos stored on another VAIO computer (server)

You can select a specific server to use, if more than one computer is connected to RoomLink™.

From the **Photo - All Libraries** screen:

1 On the Remote Commander, press the **OPTIONS** button.

2 Highlight **Select a server**, then press the **SELECT** button.

3 From the **Select a server** screen, highlight the server to use, then press the **SELECT** button.

Highlight **Connect** from the submenu, then press the **SELECT** button.

Additional information

❑ To hide the on-screen information (text), press the **DISPLAY** button on the Remote Commander.

❑ To view the previous picture, press the **PREV** button once.

❑ To view the next picture, press the **NEXT** button.

❑ To stop a slide show, press the **STOP** button.

❑ To pause the slide show, press the **PAUSE** button.

❑ To resume the slide show, press the **PLAY** button.

❑ To display the previous screen or menu, press the **BACK** button.

Using index view (thumbnails)

The Index View enables you to view still image files (photos), stored on your photo server, in thumbnail view.

1   On the Remote Commander, press the **MAIN MENU** button.

The Main Menu appears.

2   Press ▲/▼ to highlight **Photo - View photos**, then press the **SELECT** button.

The Folders screen appears.

3   Press the up or down arrow buttons to highlight the folder that contains the desired photo collection or photos, then press the **SELECT** button.

The folder opens and a list of available collections and still images is displayed.

4   Press the up or down arrow buttons to highlight the collection or still image to view, then press the **OPTIONS** button.

A submenu appears.

Photo Index submenu screen
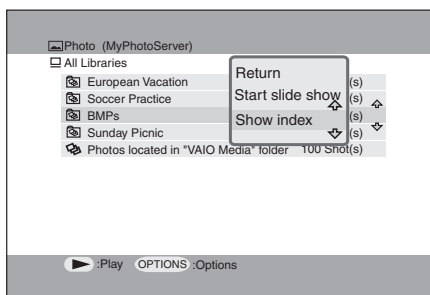
5   Press the up or down arrow buttons to highlight **Show Index**, then press the **SELECT** button.

The photos are displayed in thumbnail view on your TV screen.

Thumbnail view screen
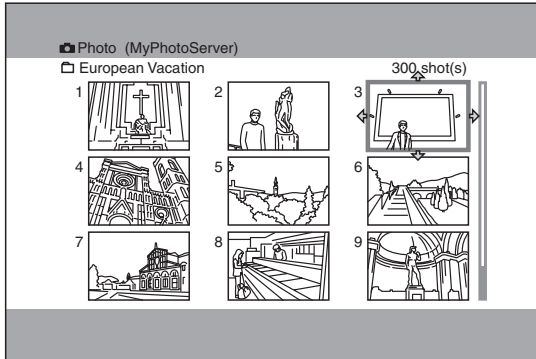
Starting the slide show from a specific photo

1   From the Index view, press ↑/↓/←/→ to highlight the desired photo, then press the **SELECT** button.

A submenu appears.

2   Press the up or down arrow buttons to highlight **Start Slide Show**, then press the **SELECT** or **PLAY** button.

RoomLink starts playing the slide show from the selected photo.

Viewing a single photo

1 From the Index view, press the direction arrow buttons to highlight the desired photo, then press the **SELECT** button.

A submenu appears.

2 Press the up or down arrow button to highlight **Show selected picture**, then press the **SELECT** button.

The selected photo is displayed in full view mode.

Press the **PLAY** button to start the slide show from the selected photo.

Changing the slide show settings

You can set the time interval between the photos in a slide show or set the photos to display in a loop (repeat).

1 Press the **OPTIONS** button while the **Photo - All Libraries** screen is displayed.

The **OPTIONS** menu appears.

2 Press ◆/◆ to highlight **Photo Settings**, then press the **SELECT** button.

The **Photo Settings** screen appears.

Photo Settings screen
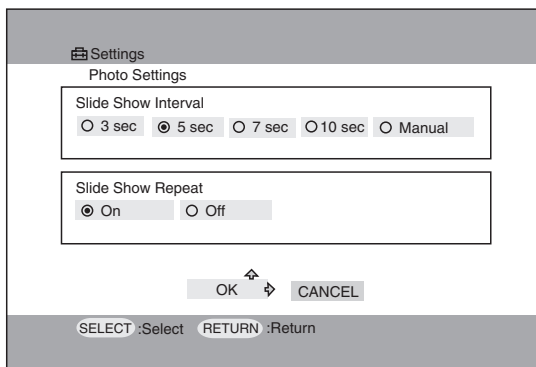
3 In the **Slide Show Interval** section, use the right or left arrow buttons to highlight a time value, then press the **SELECT** button.

4   In the **Slide Show Repeat** section, use the right or left arrow buttons to highlight **ON** or **OFF**, then press the **SELECT** button.

5   Press the up or down arrow buttons to highlight **OK**, then press the **SELECT** button.

The **Photos - All Libraries** screen is displayed.

Adding background music to a slide show

1   Press **OPTIONS** while a slide show is playing.

A submenu appears.

2   Press the up or down arrow buttons to highlight **Background music on...**, then press **SELECT**.

3   Highlight a server that contains the desired Background music Playlist and press the **SELECT** button.

4   Highlight **Connect** and press the **SELECT** button.

A **Background Music - All Libraries** screen appears.

Background Music - All Libraries screen


```
        Background Music  (MyMusicServer)
        All Libraries
          All Playlists
          Rock and Roll
          ATRAC3s - Reggae
          MP3s - Romantic Time
          WAVs - Sound FX
          MP3s - Movie Soundtracks




        ▶ :Play   OPTIONS :Options
```
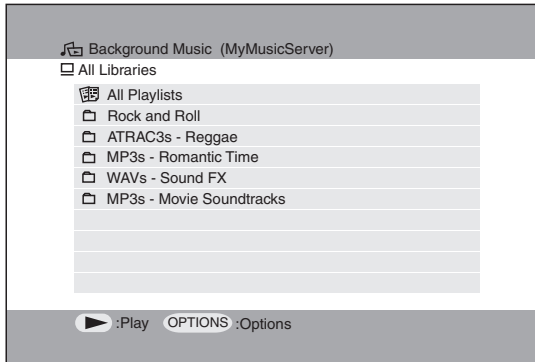
5   Select a Playlist for the background music, then press **SELECT**.

Troubleshooting

This section describes how to troubleshoot common problems.

About Power Connections

RoomLink does not start or operate

❑ Connect the AC adapter securely. The standby indicator light is red (dimmed) after the AC power cord is connected between the network media receiver unit and the wall power outlet.)

❑ Verify that all cables are connected securely.

❑ If you are using a power cord extension, power strip, or surge suppressor, make sure that it is turned on and securely connected to the wall power outlet.

❑ Verify that the fresh batteries are properly installed in the Remote Commander® unit.

❑ Unplug the AC adapter from the power outlet and plug it again. Doing so resets RoomLink™ to the original factory default settings.

⚠	**The RoomLink™ unit takes approximately 20 seconds to start, after connecting to AC power. If the unit's standby indicator does not light within 20 seconds, the network media receiver may be damaged.**

The RoomLink unit doesn't turn off

❑ If the displayed screen is frozen or unresponsive, or you cannot turn the network media receiver off, the unit may have become unstable.

To reset the unit:

1 Press the **POWER** button on the network media receiver for more than five seconds or disconnect the AC adapter from the network media receiver.

2 Wait 20 seconds for the standby indicator to light in red, then turn the network media receiver unit on.

Resetting the network media receiver or reconnecting the AC adapter resets the unit's settings to the original factory default settings.

❑ To completely disconnect power to the network media receiver, unplug the AC adapter.

✍ RoomLink goes into Standby mode and the standby indicator light is red (dimmed).

The VAIO computer does not resume from Standby or Hibernate mode

❑ Verify that the computer, server and network settings are configured correctly. See the section, "Configuring RoomLink" on page 57.

❑ Check the following, if applicable to your connection environment:

   ❑ A crossover cable is securely connected between RoomLink™ and a single VAIO computer.

   ❑ The network switch or the router device is turned on. (See the information supplied with your network switch or router device, for details.)

   ❑ The router device is turned on *before* turning on the network media receiver.

   ❑ The network media receiver, network switch, or router device are properly connected using the appropriate network cables[*].

   ❑ If using a router device, RoomLink™ and the VAIO computer have been configured to obtain the IP address automatically.

   ❑ Verify that the correct server name appears in the **Select a server** screen. (The **Select a server** screen lists all current and previous servers connected to RoomLink).

❑ When connecting to RoomLink™ for the first time, the network media receiver does not automatically bring a VAIO® computer out of Standby mode. Subsequent connections bring your VAIO computer out of Standby mode.

❑ RoomLink cannot automatically resume the functions of certain VAIO computers due to computer settings or the network environment. The automatic resume feature is not available for VAIO notebook computer models or for VAIO computers that use a wireless LAN connection. This Resume feature is available for wired networks only.

✍ The connected server history is lost when the AC power cable is disconnected. All settings except for the IP address are lost.

---

* Use network cables that support 100BASE-TX.

About the Remote Commander

The Remote Commander does not control TV functions

❑ Verify that fresh batteries are properly installed in the Remote Commander®.

❑ Verify that the correct TV manufacturer code is set for the Remote Commander.[*]

❑ When you replace the batteries in the Remote Commander, reset the TV manufacturer code again.

About Visual and Audio Reception

There is no visual displayed on the TV screen

❑ Verify the following:

  ❑ The TV set is turned on and the power indicator light is on.

  ❑ RoomLink™ is turned on and the power indicator light is on.

  ❑ RoomLink™ and the TV are connected properly.

  ❑ The TV is connected to the network media receiver, using the Video/S-video In jack.

  ❑ Giga Pocket™ Server is running.

    To start Giga Pocket Server, follow the steps below.

    1 Click **Start** on the Windows taskbar and select **All Programs**.

    2 Point to **Giga Pocket**, point to **All Software**, and click **Giga Pocket Server**. The Giga Pocket Server window appears.

✍ The first time you use Giga Pocket Server, the **Set Password for Giga Pocket Server** dialog box is displayed. See the section "Configuring Giga Pocket Software" on page 55, for more information.

❑ If your VAIO® computer has become unstable and stops responding, turn it off and restart the computer. Follow the previous steps to start Giga Pocket Server.

---

[*] The Remote Commander does not work with all TV models.

Visual and audio reception is interrupted or distorted

❑ The network may not have enough bandwidth.

Check the following, if applicable to your network environment:

❑ The network cables supports 100 BASE-TX.

❑ The network switch or the router device supports 100 BASE-TX.

❑ The connected server or the network may be experiencing overload.

Using the **High Quality** setting in the **Live Mode** of the **TV Settings** screen may cause your network or system to overload. Try changing the **Live Mode** setting to **Standard** or **Low Bandwidth**.

About Connecting to a Server

*Cannot connect to a server**[*]

❑ Verify that the VAIO® computer(s) is turned on.

❑ Verify that the network settings are configured correctly.

❑ Check the following, if applicable to your network environment:

❑ A crossover cable is used for a direct connection between RoomLink™ and a single VAIO computer.

❑ The network switch or the router device is turned on. (See the information supplied with your network switch or router device, for details.)

❑ The router device is turned on *before* turning on the network media receiver.

❑ The network media receiver, network switch, or router device are properly connected using the appropriate network cables[†].

❑ If using a router device, RoomLink™ and the VAIO computer have been configured to obtain the IP address automatically.

❑ Verify that the correct server name appears in the **Select a server** screen. (The **Select a server** screen lists all current and previous servers connected to RoomLink).

---

[*] You may see an error message, "Cannot connect to the server."

[†] Use network cables that support 100BASE-TX.

❑ To use the automatic resume feature[*], the VAIO computer must be in the Standby or the Hibernate mode. See "Configuring your VAIO computer to start automatically" on page 62.

❑ Verify that the IP address of the network media receiver is being obtained properly. If using a router device, RoomLink™ and the VAIO computer must be configured to obtain the IP address automatically.

   If "**Obtain the IP address automatically**" is specified in the IP Address screen, an IP address is shown in the IP Address screen.

❑ Giga Pocket™ Server is running.

   To start Giga Pocket Server, follow the steps below.

   1 Click **Start** on the Windows taskbar and select **All Programs**.

   2 Point to **Giga Pocket**, point to **All Software**, and click **Giga Pocket Server**. The Giga Pocket Server window appears.

✍ If this is the first time you have used Giga Pocket™, the **Set Password for Giga Pocket Server** dialog box is displayed. See "Configuring Giga Pocket Software" on page 55, for more information.

❑ The VAIO® computer may have become unstable. Turn off and restart the VAIO computer, and then follow the previous steps to start Giga Pocket Server.

❑ The desired server is not displayed in the **Select a server** screen.

   To refresh the **Select a server** list, follow these steps:

   1 Press the **OPTIONS** button on the Remote Commander® unit, then select **Refresh**.

   2 Press the **SELECT** button.

   Refreshing the list may take longer than a few moments.

❑ Verify that Music Server and Photo Server are running on the VAIO computer and that their status is shown as "**Started**."

❑ To use the TV or Video features, the VAIO computer must be running and have a user logged on. Remember to log on to your VAIO computer before attempting to use RoomLink™.

---

* RoomLink™ automatically brings the VAIO computer out of Standby or Hibernate mode.

The server is listed as "Unknown"

When ▤? is shown for a server, RoomLink™ does not recognize the computer's availability and fails to connect.

Try the following steps:

1   Using the Remote Commander, select **Connect** from the on-screen submenu.

2   Press **OK**.

　　　If these steps do not connect the server, check the following:

❑　If necessary, bring the computer out of Standby or Hibernate mode. (You can configure your computer to enable the network media receiver to automatically resume from Standby or Hibernate modes.)

❑　Verify the computer is turned on.

❑　Verify the network cable connections are secure.

❑　If using a network switch device or a router device with a built-in network switch, verify that the equipment is turned on.

❑　Verify the network status is up.

The "Select a server" screen always appears

You can set RoomLink™ to stop displaying the Select a server screen every time you access a feature, such as TV, Video, Music or Photo. Preset a default server for each feature. See "Connecting to a server automatically" on page 58, for details.

About Recording and Playback

The recording stops after 30 minutes

❑　This RoomLink recording feature is preset to automatically stop 30 minutes after pressing the **REC** button. After you start recording, the length of the recording session can be extended by 30-minute increments (up to a total of 6 hours) each time you press the **REC** button.

❑　You may not have enough hard drive space on your VAIO® computer. Delete unnecessary files to free up additional space.

It takes a long time to start or stop recording

It takes 20 seconds for recording to start or stop after pressing the **REC** or the **REC STOP** button on the Remote Commander.

RoomLink does not access TV programs

❑ You cannot use the network media receiver to view TV programs while a Giga Pocket recording session is in progress.

❑ You cannot connect the network media receiver to a VAIO computer that is providing TV programs to another media receiver or through PicoPlayer™.

The Remote Commander works slowly

The Remote Commander® unit takes 3 - 5 seconds to change channels.

TV viewing is delayed

When viewing TV programs with RoomLink™, there is a 15-second delay in receiving the broadcast.

Support Options

This section provides information on locating support resources for your RoomLink™ unit.

Immediate Help and Support

You can locate helpful information immediately by consulting your hard copy guides and supplements or the individual software Help files.

Your RoomLink™ device is supplied with these support options:

❑ **RoomLink™ User Guide —** The User Guide provides information about configuring, maintaining, and upgrading your network media receiver. This support resource offers support on a variety of topics, enabling you to locate specific information.

❑ **Quick Reference Guide** — Provides information to help evaluate your home computing environment. This quick reference also provides quick and easy instructions to set up your RoomLink, VAIO® computer, and TV.

Your VAIO® computer is supplied with these support options:

❑ **VAIO® Computer User Guide —**Contains information on the hardware and preinstalled software applications included with your system.

   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**.

❑ **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's information.

❏ **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 applications.

2 Click the desired software application.*

The software's main window appears.

3 From the menu bar, click **Help**.

The Help file appears.

---

* You can locate Sony software Help by pointing to a specific application icon and then selecting Help from the pop-up menu.

Contacting Sony for Help and Support

If the information provided with your RoomLink™ or VAIO® computer does not provide an immediate solution, or you need direct support, contact Sony online or by telephone.

Sony Computing Support Web site

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

The Sony Computing Support Web site provides

❑ Information about your RoomLink™ and specific VAIO® computer, such as:

   1 hardware and software specifications.

   2 upgrade and maintenance procedures.

   3 safety and legal information.

   4 quick solutions to common problems.

❑ 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

   1 quickly find the nearest Sony service center locations.

   2 arrange for repairs or check repair status.

   3 review warranty information.

   4 e-mail your question or comments to the Sony Customer Information Services Center.

   5 check pricing and availability for products, accessories and parts, as well as purchase online.

   6 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   Model number

2   Serial number[*]

   Example:

3   Purchase date (RoomLink™ unit)

4   Hardware feature or software application issue

5   Brief description of the issue

For RoomLink™ devices purchased in the U.S. and Canada, contact a Sony Support representative at 1-866-307-7669.

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[*]   The serial number is located on the bottom of the RoomLink™ unit. The serial number is printed on a white barcode label.

Specifications

PCNA-MR10

The following table details the file compatibility and hardware specifications for the RoomLink unit.

Hardware MPEG2 Decoder		MPEG2 (Max. 8 Mbps, 720 x 480 pixels, 30 fps), MPEG1 (Max. 1.41 Mbps, 352 x 240 pixels, 30 fps)
Compatible File Formats *	Giga Pocket™† Video Capsules	MPEG2, MPEG1
	SonicStage™ Playlists	ATRAC3, ATRAC3plus, WAVE, MP3
	Photo Server collections	BMP, TIF, GIF, JPEG, PNG
Jacks & Ports	Video Output	S-video Out, (S, MiniDIN x1), Composite Video Out (RCA Pin x 1)
	Audio Output	Line Out, (RCA Pin, L/R x1), Optical Digital Audio Out (Square type x1)
	Ethernet	100BASE-TX x1 (RJ-45)
Power Requirements		AC 100V - 240V ~ 50Hz-60Hz
Operating Temperature		32° F to 104° F (0° C to 40° C)
Power Use		6.5 W Operating, 2 W Stand by
Dimensions		2.3" (w)‡ x 5.5" (h) x 6.1" (d) 59 mm (w) x 141 mm (h) x 155 mm (d)
Weight		Approximately 1.4 lbs. (unit with stand)
Supplied Accessories		Unit stand, Remote Commander® unit, AA batteries (2), Audio/Video cable, AC adapter with power cord, network cable, crossover cable, connection adapter; ferrite core, spacers

* May vary depending upon the VAIO® server software specification.

† Video compatibility may vary depending on the VAIO server that is equipped with Giga Pocket™ features.

‡ Measurement includes supplied stand. The unit width, without stand, measures 1.1" (29 mm).

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