Network Media Receiver User Guide

VAIO

Notice

Network Media Receiver User Guide

Trademarks and copyrights

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Television programmes, films, videotapes, CDs and other materials may be copyrighted. Such materials recorded with this device are for your personal use only. Unauthorised 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 authorisation from the copyright holder.

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

Television programmes, films, videotapes, CDs and other materials may be copyrighted. Recorded materials are for your personal use only. Unauthorised 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.

Print out his page, record the model and serial number in the space provided below, and keep in a secure location. Refer to the model and serial numbers when you call the VAIO-Link Sony Service Centre.

Model Number:

Serial Number:

Regulatory information

Sony hereby declares that this product is in compliance with the essential requirements and other relevant provisions of European Directive 1999/5/EC. To obtain a copy of the declaration of conformity (DoC) with the R&TTE Directive, please access the following URL: http://www.compliance.sony.de

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 the Network Media Receiver, complying with all safety precautions and warnings.

❑ To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

❑ The power socket outlet you are using must be installed near the equipment and must be easily accessible.

❑ Audio and picture distortion may occur if this equipment is positioned in close proximity to any equipment emitting electromagnetic radiation.

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.

To reduce any potential hazard, proceed as follows:

❑ Unplug the AC adapter from the AC wall outlet or power supply strip.

❑ Unplug the AC adapter and cables from the unit.

❑ Contact the VAIO-Link Customer Service Centre for repair information.

Precautions

About the Network Media Receiver

❑ 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, or 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 unit. This may cause fire or electric shock. In the event that water or other foreign objects enter the unit, immediately unplug the AC adapter from the electrical outlet and contact VAIO-Link for inspection and/or repair.

❑ Do not disassemble the equipment. This may cause fire, electric shock, or injury. Contact VAIO-Link for inspection and/or repair.

❑ Do not connect inappropriate network or phone lines to the Ethernet port. Connect only 100BASE-TX/ 10BASE-T 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.

❑ Set up the Network Media Receiver and connection cables in a protected location out of the reach of children, to avoid personal injury or damage to the equipment.

❑ Install the Network Media Receiver so that you can easily reach the power outlet in the event of an emergency.

❑ Do not drop the Network Media Receiver. A sharp impact can damage the unit.

❑ Do not place the Network Media Receiver in the following locations:

    ❑ In direct sunlight or near heat sources. Operate this equipment at temperatures between 0°C and 40 °C.

❑ 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 the Network Media Receiver, 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 Network Media Receiver, 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 cables that do not meet the 100BASE-TX and 10BASE-T standards;

❑ Home or business phone lines.

About the AC adapter

❑ Use the AC adapter that is supplied with the Network Media Receiver. Using a different AC adapter may cause damage to the Network Media Receiver.

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

❑ 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.

About the remote control

❑ Use only AA-size alkaline batteries in the remote control.

❑ Remove the batteries from the remote control when it is not in use for extended periods of time.

Welcome

Congratulations on your latest Sony purchase! 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 the Network Media Receiver and its features.

Please make sure you have read the printed **Getting Started** booklet before using your Network Media Receiver equipment.

What is the Network Media Receiver?

The Network Media Receiver enables you to display still images, play videos or music files on your TV screen, when the Network Media Receiver is connected to a VAIO computer that contains your video and audio content. When you connect the Network Media Receiver to a VAIO computer with **Giga Pocket** features, you can record and view TV programmes simultaneously or set up future timer recording.

✍ The Network Media Receiver can accommodate 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 favourite audio or video files.

TV and video

❑ Record and watch your favourite TV programmes at the same time.

❑ Use the digital timer to set up recording of TV programmes.

❑ Play previously recorded programmes stored on your VAIO computer.

★ Use the film roll feature to search for a specific place in your recorded programme.

Music

❑ Play music files stored on your VAIO computer.

❑ Play a music track continuously (loop feature).

Photos / still images

❑ View the photo collections stored on your VAIO computer, in slideshow format.

❑ View your photos as thumbnails in Index view.

❑ Select your favourite photo for viewing.

Locating controls and connectors

This section describes the controls, jacks, and ports available on the Network Media Receiver and the remote control.

Front panel
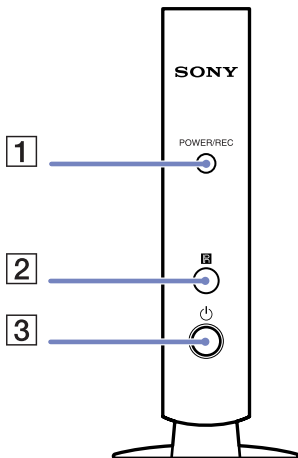
| 1	**POWER/REC indicator**
	The indicator is white while the power is on. The indicator is red during TV recording. The indicator blinks red during firmware updates.
2	**Infrared receiver**
	Enables communication between the Network Media Receiver and the remote control. Do not block the area in front of the infrared receiver.
3	**Power button/Standby indicator**
	Turns the Network Media Receiver on and off. The indicator is dimmed (red) when the unit is in **Standby** mode.

Back panel

The back panel contains ports and jacks for supplied and optional cables.
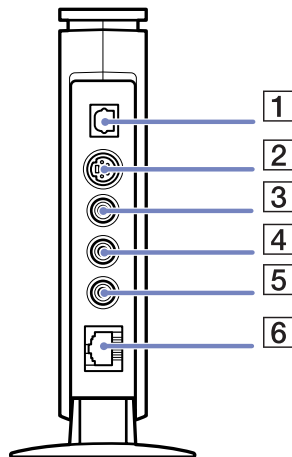
1	**Optical OUT port**
	Supports the digital optical input of an audio device.
2	**S-video jack**
	Connection for an S-video cable.
3	**Video jack**
	Connection for a video cable.
4	**Audio L jack**
	Connection for an audio cable (left).
5	**Audio R jack**
	Connection for an audio cable (right).
6	**Ethernet port**
	Connection for a 100BASE-TX/10BASE-T Ethernet cable (RJ-45).

Remote control

The Network Media Receiver is controlled using the remote control. The remote control can start and stop video recording/playback, select channels, and set viewing preferences.
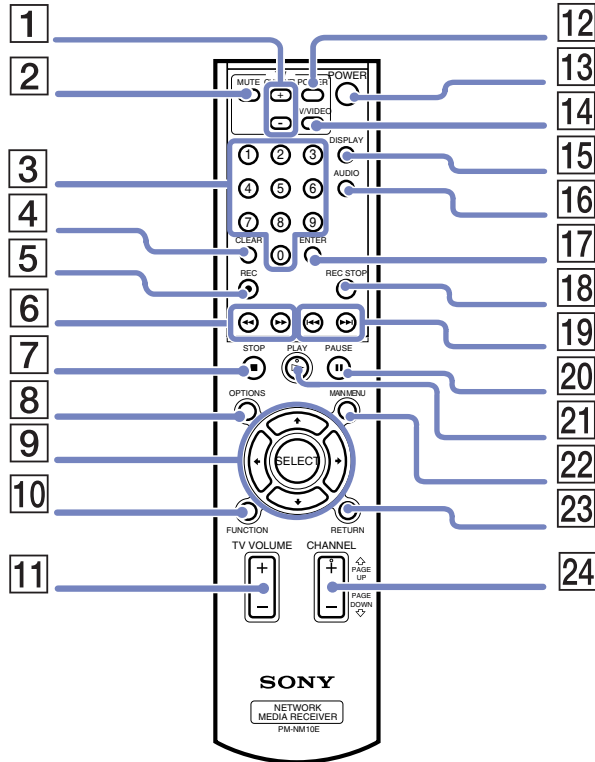
	Button	Function
1	**TV channel buttons**	Press + or - to change TV channels.
2	**MUTE button**	Press to turn off the sound. Press again to restore the sound.
3	**Channel number buttons**	Press to select specific channels.
4	**CLEAR button**	Press to delete the channel numbers selected.
5	**REC button**	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 the Network Media Receiver 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**	Press to turn your TV on or off.
13	**POWER button**	Press to turn the Network Media Receiver on or off.
14	**TV/VIDEO button**	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 slideshow playback.

	Button	Function
21	**PLAY button**	Press to begin playback of videos, music, or slideshows.
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**	Use this switch to change TV channels. The Page Up/Page Down feature enables you to scroll within folders containing playlists or Video Capsules.

Welcome

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Documentation delivered with the Network Media Receiver

❑ **Network Media Receiver User Guide** (this 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.

❑ **Getting Started** (printed) — This quick reference provides quick and easy instructions to set up the Network Media Receiver and your VAIO computer.

❑ **Setup poster** (printed) — A visual quick reference sheet showing the configuration of the Network Media Receiver equipment, as well as the important **specifications** of the unit.

❑ **Sony guarantee** leaflet (printed).

❑ **Safety and Regulations** guide (printed).

VAIO computer compatibility

The Network Media Receiver supports certain Sony VAIO computers. Check that your VAIO computer is compatible with the Network Media Receiver, before you begin hardware setup or configuration.

VAIO COMPUTERS	COMPATIBILITY			
	View and Record TV	Video	Music	Photos
DESKTOP MODELS with **Giga Pocket** features	Yes	Yes	Yes	Yes
DESKTOP MODELS without **Giga Pocket** features	No	No	Yes	Yes
NOTEBOOK MODELS without **Giga Pocket** features	No	No	Yes	Yes

✍ For current updates on VAIO computer compatibility with the Network Media Receiver, see the VAIO-Link website: http://www.vaio-link.com.

PC system requirements

Your compatible VAIO computer(s) must:

❑ Have the Microsoft Windows XP Home Edition or Professional operating system installed;

❑ Have the **VAIO Media** software (platform and servers) preinstalled;

❑ Be equipped with **Giga Pocket Personal Video Recorder** hardware and software. TV and Video features are available if the computer is equipped with **Giga Pocket**.

Wireless LAN access point requirements

To use Wireless LAN functions with the Network Media Receiver, we recommend the following:

❑ PCWA-C300S

❑ PCWA-DE30

❑ PCWA-A320

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 the Network Media Receiver can be viewed using the Network Media Receiver. Other video file formats may not be compatible with the Network Media Receiver. For details on how to use **Giga Pocket** features, see the **Giga Pocket** guide provided on disc with your compatible VAIO computer, and the **Giga Pocket** Help files, which are within the software itself.

Music file compatibility

Only playlists that are managed by the **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**, go to the **SonicStage** Help files, which are within the software itself.

Photo / still image file compatibility

If the **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 the **PictureGear Studio** software, see the **PictureGear Studio** Help files, which are within the software itself.

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 the Network Media Receiver.

To see the location of the **PictureGear Studio** software, proceed as follows:

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

To see specific information about this folder and location, proceed as follows:

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.

Setting up the hardware

This section contains information about setting up your Network Media Receiver connections. It is designed to complement the printed Network Media Receiver **Getting Started** guide.

Setting up the remote control

To set up the remote control, proceed as follows:

1   Open the battery cover on the back of the remote control.
2   Insert two AA batteries (supplied) by matching the + and - on the batteries, with the diagramme inside the battery compartment.
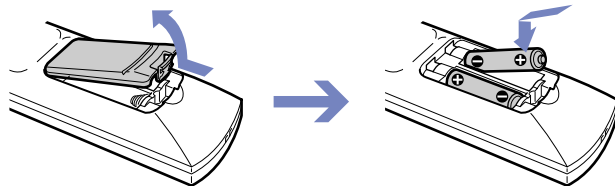
✍ Under normal use, the AA batteries may last up to six months. If your remote control does not operate properly, the batteries may need replacing. If your remote control is not being used for long periods of time, remove the batteries to avoid possible damage from leaking batteries.

Programming the remote control

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

If you are using a Sony TV set, you do not need to program the remote control, as it is set by default.

To program the remote control, proceed as follows:

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 control, 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
Akai	02, 04	Mivar	15
Beko	25	NEC	16
Daewoo	04, 05, 06	Panasonic	17
Finlux	26	Philips	04
Goldstar/LG	04, 07	Pioneer	19
Grundig	07	Samsung	04, 07
Hitachi	04, 27, 28	Sanyo	02
JVC	02, 11	Schneider	02, 03, 04
Loewe	04, 07	Sharp	21
Medion	04	Thomson	22
Mitsubishi	13, 14	Toshiba	03, 24

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Connection possibilities

Connecting the Network Media Receiver to a TV

Use the supplied audio/video connection cable to connect the Network Media Receiver and your TV. Connect the cable by matching the connector colours to the jack colours on the TV's audio/video jacks.

Optional equipment and cables may be required to connect the Network Media Receiver, TV, VCR and VAIO computer, depending on your connection environment.
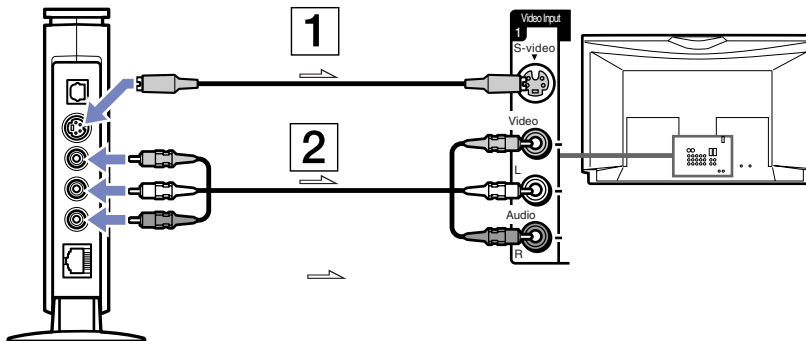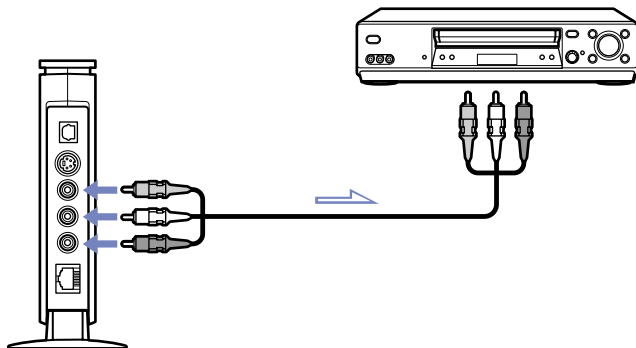

| 1 | S-video cable (sold separately) |
| 2 | Audio/video connection cable (supplied) |

✍ The arrows indicate the signal direction.

Connecting the Network Media Receiver and your TV through a video recorder

Use the supplied audio/video connection cable to connect the Network Media Receiver and your video recorder. Connect the cable by matching the connector colours to the jack colours on the VCR's audio/video jacks.

Optional equipment and cables may be required to connect the Network Media Receiver, TV, VCR and VAIO computer, depending on your connection environment.

✍ The arrows indicate the signal direction.

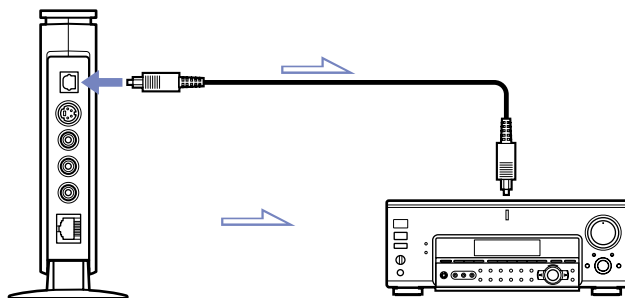*Network Media Receiver User Guide*

Connecting the Network Media Receiver to digital sound system equipment

You can connect to a digital sound system as long as it has an optical-in port.

Use an optical digital connection cable (sold separately) to connect the Network Media Receiver and your digital sound system equipment.

To connect the equipment, proceed as follows:

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 the Network Media Receiver and your VAIO computer, depending on your connection environment.

The arrows indicate the signal direction.

Finding the most suitable working environment

You can connect the Network Media Receiver 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).

❑ Environment 1: DSL/cable modem equipped with a built-in router and network switch ports (page 24)

❑ Environment 2: DSL/cable modem with built-in router, without network switch ports (page 25)

❑ Environment 3: DSL/cable modem without a built-in router (page 26)

❑ Environment 4: Network cable is connected to a LAN, shared in a residential complex (page 27)

❑ Environment 5: VAIO computer is connected to the Internet using the built-in modem (page 28)

❑ Environment 6: VAIO computer is not connected to the Internet (page 29)

❑ Environment 7: Connecting multiple VAIO computers (page 30)

Please take the following notes into account:

❑ Optional equipment and cables may be required to connect your Network Media Receiver and VAIO computer(s).

❑ All equipment and cables must be compatible with 100BASE-TX/10BASE-T standard.

❑ If applicable, 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.

❑ If using a multiple port network switch device (sold separately) or if using environment 5 or 6, the VAIO computer requires a fixed IP address for the LAN connection (see **Assigning a fixed IP address (page 31)**).

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

❑ The pictures are for illustration purposes only. PC configuration may vary.

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

Read the notes on **page 23**, then proceed as follows:

1 Connect the Network Media Receiver to your DSL/cable modem* (1), using the network cable (2).

2 Connect the Ethernet jack on each VAIO computer to the jack(s) on the DSL/modem, using additional network cables* (3).
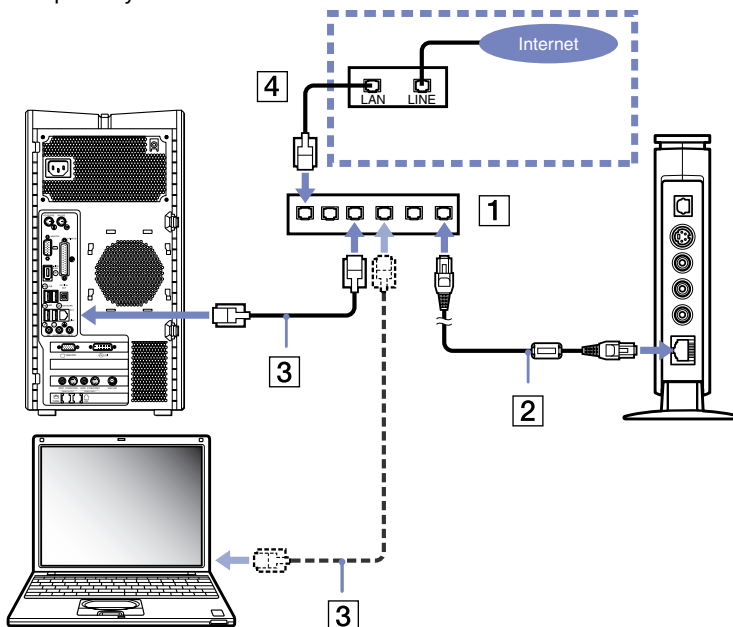
* Sold separately.
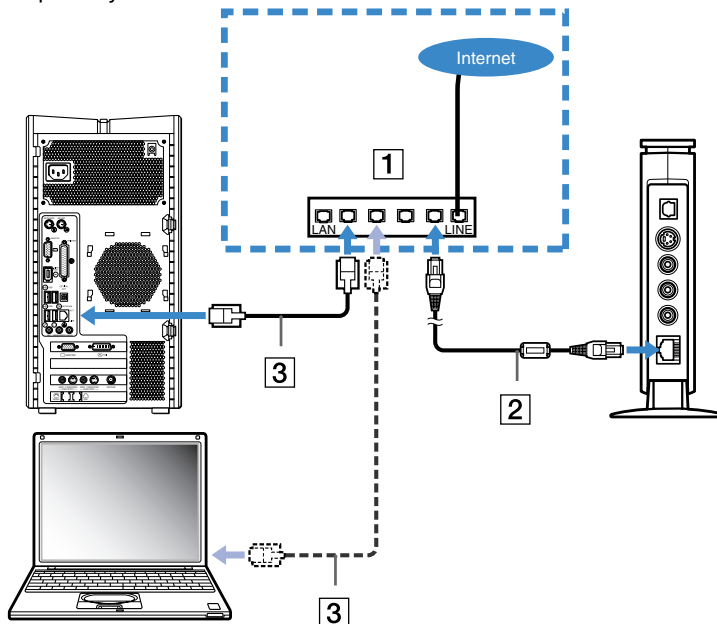
Environment 2: DSL/cable modem with built-in router, without network switch ports

Read the notes on **page 23**, then proceed as follows:

1 Connect the Network Media Receiver to a network switch device (1), using the network cable (2).

2 Connect the Ethernet jack on each VAIO computer to the jack(s) on the network switch, using additional network cables* (3).

3 Connect the network switch device to the DSL or cable modem, using a network cable* (4).
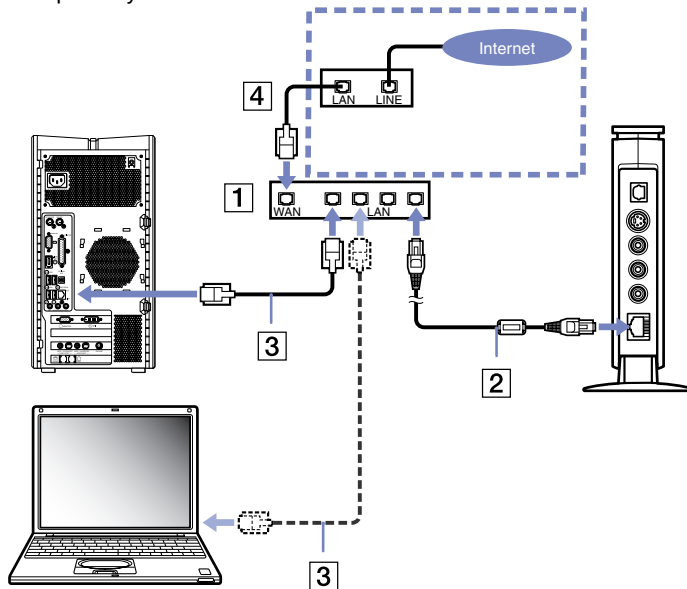
* Sold separately.

Environment 3: DSL/cable modem without a built-in router

Read the notes on **page 23**, then proceed as follows:

1 Connect the Network Media Receiver to a router device with a network switch* (1), using the network cable (2).

2 Connect the Ethernet jack on each VAIO computer to the jack(s) on the router device, using additional network cables* (3).

3 Connect the WAN jack on the router device, to the LAN jack on the DSL or cable modem, using a network cable* (4).

* Sold separately.

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

Read the notes on **page 23**, then proceed as follows:

1 Connect the Network Media Receiver to a router device with a built-in network switch* (1), using the network cable (2).

2 Connect the Ethernet jack on each VAIO computer to the jack(s) on the router device, using additional network cables* (3).

**3** Connect the WAN jack on the router device to the LAN jack (residential complex) (4).

* Sold separately.

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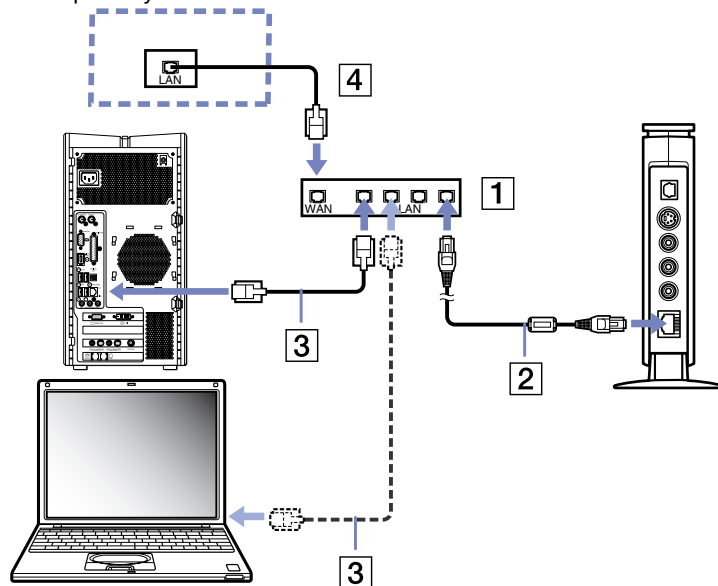
Environment 5: VAIO computer is connected to the Internet using the built-in modem

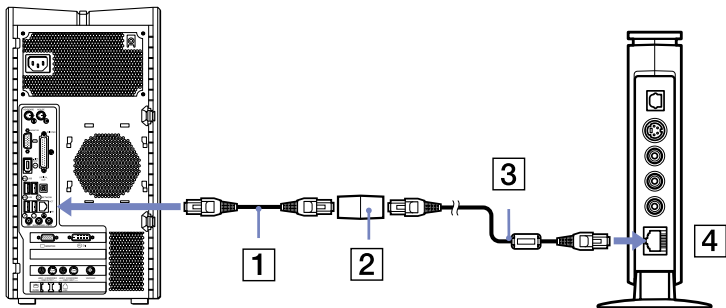Read the notes on **page 23**, then proceed as follows:

1 Insert one end of the crossover cable (1) into the Ethernet jack on your VAIO computer.
2 Insert the other end of this crossover cable into the connection adapter (2).
3 Insert one end of the network cable (3), into the connection adapter.
4 Insert the other end of this network cable into the Ethernet jack on the Network Media Receiver (4).
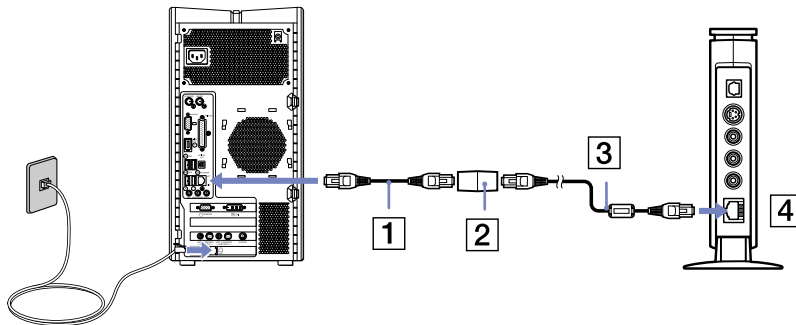
Environment 6: VAIO computer is not connected to the Internet

Read the notes on **page 23**, then proceed as follows:

1 Insert one end of the crossover cable (1) into the Ethernet jack on your VAIO computer.
2 Insert the other end of this crossover cable into the connection adapter (2).
3 Insert one end of the network cable (3), into the connection adapter.
4 Insert the other end of this network cable into the Ethernet jack on the Network Media Receiver (4).

Environment 7: Connecting multiple VAIO computers

This method is related under certain conditions similar to environments 5 and 6.

Read the notes on **page 23**, then proceed as follows:

1 Connect the Network Media Receiver to a router device with a built-in network switch, or a multiple port network switch device (1), using the network cable (2).

2 Connect the Ethernet jack on each VAIO computer to the jack(s) on the router device, using additional network cables*(3).
When using a router device with a built-in network switch, a WAN connection is not necessary.

* Sold separately.
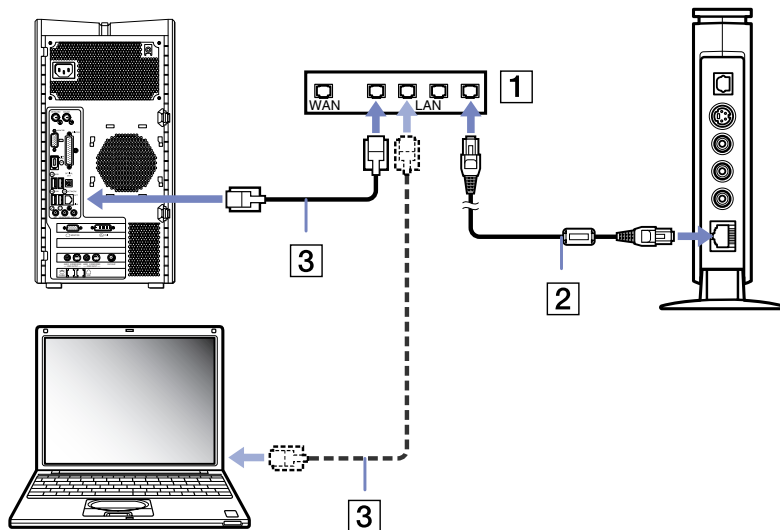
Assigning a fixed IP address

In some environments, each VAIO computer in your network requires a fixed IP (Internet Protocol) address:

❑ 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, proceed as follows:

1 Click **Start** on 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.

4 Right-click **Local Area Connection** and select **Properties** from the shortcut menu.
The **Local Area Connection Properties** dialog box appears.

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

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.

8 Close the **Local Area Connection Properties** and the **Internet Protocol (TCP/IP) Properties** dialog boxes.

✍ When you set up the Network Media Receiver, the IP address must be specified. See **Specifying an IP address** .

When specifying the IP address for the Network Media Receiver, use different numbers where the IP address numbers are represented as "XXX.XXX."

Setting up the software

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

*Configuring **VAIO Media***

VAIO Media software manages the interaction between the Network Media Receiver and your VAIO computer(s), by enabling the computer(s) to act as a music, photo, and video servers.

A VAIO computer that comes 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** ver. 1.5 to create play lists of music tracks on your **VAIO Media** server computer. The **VAIO Media Music Server** software automatically makes these play lists 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) in the folder: **C:\Documents and Settings\All Users\Photo Server\VAIO Media**.
For specific information about this folder and location, click **Start** on the Windows taskbar and select **All Programs**. Point to **VAIO Media**, then to **Server Administration**, and then click **Photo Server ReadMe**. Read the description on the designated folder.

❑ **Video Capsules**: Use **Giga Pocket** 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**).

To set up a computer as a **VAIO Media** server, proceed as follows:

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

2   Point to **VAIO Media**, then to **Server Administration**, and click **Console**.
The **VAIO Media Console** dialog box appears.

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**.

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

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

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

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

*Configuring **Giga Pocket***

To set up the **Giga Pocket** software, proceed as follows:

1 Click **Start** on 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.

3 From the **Giga Pocket Server** dialog box, click **Hide**.
You can now tune into TV programmes using **Giga Pocket**.

4 Use the online **Giga Pocket** guide for further reference.

✍ **Giga Pocket Server** must be running with a set password, in order to use the Network Media Receiver TV and video features.

Using the Network Media Receiver - general settings

Once you have made your hardware connections and set up the other software applications, you can start using the Network Media Receiver.

❑ Starting and stopping the Network Media Receiver

❑ Registering the Network Media Receiver and your VAIO computer

❑ Specifying an IP address

❑ Making your own settings

❑ Restoring the original factory settings

❑ Updating the Network Media Receiver firmware

Starting and stopping the Network Media Receiver

To start using the Network Media Receiver, proceed as follows:

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

2 Turn on your VAIO computer.

3 Turn on your TV by pressing the **TV POWER** button on the remote control (see **Remote control (page 11)** for details on button functions).

4 Switch the input connection to the Network Media Receiver by pressing the **TV/VIDEO** button on the remote control.

5 Turn on the Network Media Receiver by pressing the **POWER** button on the remote control.
The **POWER/REC** indicator lights up and the **Main Menu** screen appears.

6 To highlight an option, use the direction arrow buttons on the remote control, then press the **SELECT** button to confirm your choice.

✍ When the **Standby** indicator light is red (dimmed), the Network Media Receiver 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.

To stop using the Network Media Receiver, proceed as follows:

1 Turn off the Network Media Receiver by pressing the **POWER** button on the remote control.
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 control.

3 Turn off your VAIO computer using the recommended steps in the **Hardware Guide** of your VAIO.

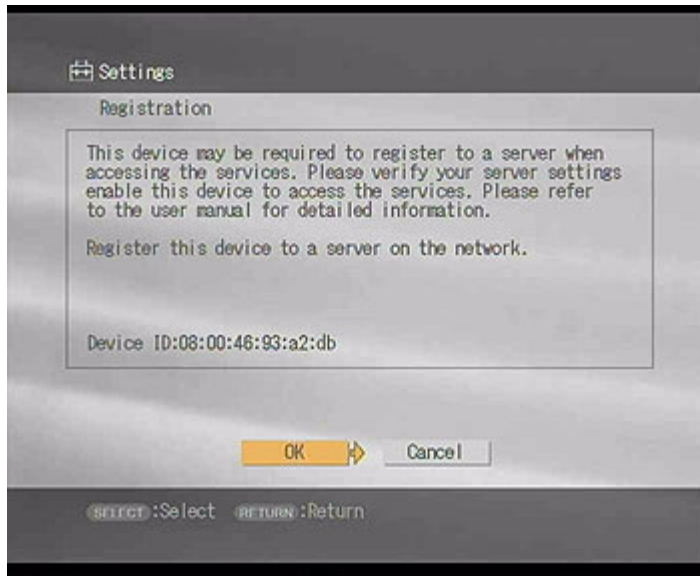## *Registering the Network Media Receiver and your VAIO computer*

The Network Media Receiver enables you to restrict access to your VAIO computer, accepting access from the Network Media Receiver only.

To register the Network Media Receiver, proceed as follows:

1   On the remote control, press the **MAIN MENU** button.
    The **Main Menu** appears.
2   Highlight **Settings**, then press the **SELECT** button.
    The **Settings** screen appears.
3   Highlight **System Settings**, then press the **SELECT** button.
    The **System Settings** screen appears.
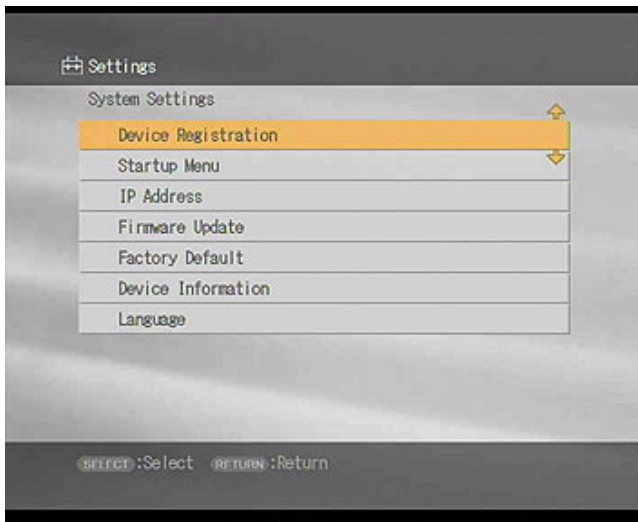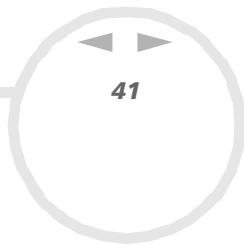
4 Highlight **Device Registration**, then press the **SELECT** button.
The **Registration** screen appears.

5 Highlight **OK**, then press the **SELECT** button.
The **Registration** screen appears.

✍ If the registration of the Network Media Receiver and the VAIO computer are cancelled, you need to begin the registration again.

Network Media Receiver User Guide

To register the Network Media Receiver to your VAIO computer, proceed as follows:

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.

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)**.

6 Click **Registered Devices**.
The **Registered Devices** dialog box appears.

7 Click **Register**.
The **Device Registration** dialog box appears.

8 Clear the check box **Use the confirmation number to register your device**.

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 Close all open windows.

To complete the registration, proceed as follows:

1 When **Registration Completed** is displayed on the TV screen, highlight **Close**.

2 Press the **SELECT** button.
The Network Media Receiver is registered to your VAIO computer.
The TV screen displays the **System Settings** screen again.

Specifying an IP address

To specify an IP address through the Network Media Receiver, proceed as follows:

1   Make sure you are connected to the Internet.
2   On the remote control, press the **MAIN MENU** button.
    The **Main Menu** screen appears.
3   Highlight **Settings**, then press the **SELECT** button.
    The **Settings** screen appears.
4   Highlight **System Settings**, then press the **SELECT** button.
    The **System Settings** screen appears.
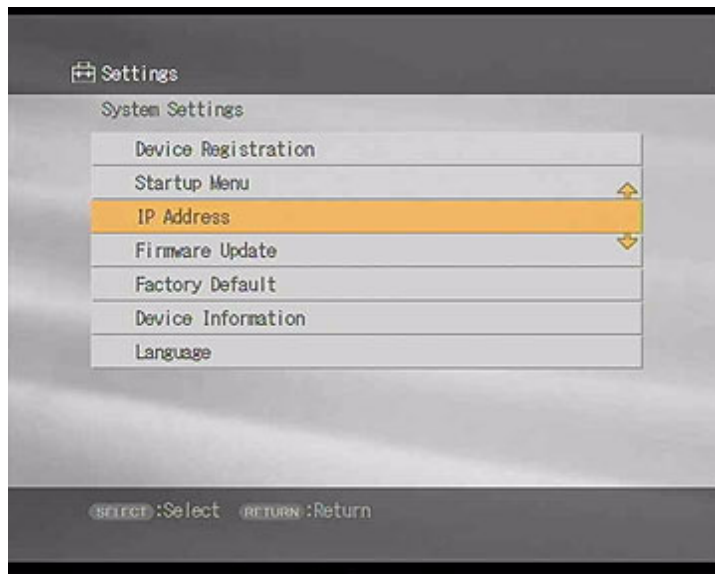
5 Highlight **IP Address**, then press the **SELECT** button.
The **IP Address** screen appears.
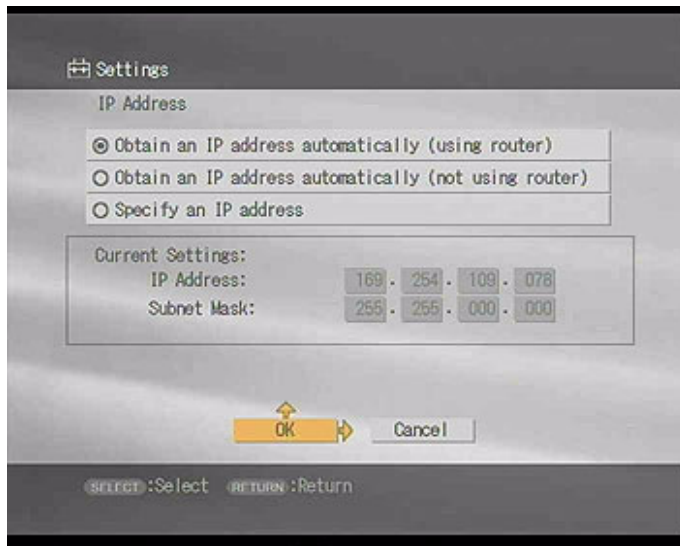
6 Highlight **Specify IP Address**, then press the **SELECT** button.

7 Highlight the IP Address numbers, then press the **SELECT** button.

8 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.

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

10 Turn the Network Media Receiver 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 not using router**. An IP address and subnet mask are generated automatically.

Making your own settings

You can conveniently access certain the Network Media Receiver features and functions by customising the default settings for your Network Media Receiver and VAIO computer.

Connecting to a server automatically

You can set the Network Media Receiver to automatically connect to a VAIO computer (server), when accessing 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.

To select a server, proceed as follows:

1 Start up the Network Media Receiver as described in **Starting and stopping the Network Media Receiver** .

2 Select a feature, such as **TV - Watch and record TV programs**.

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

4 Highlight a server and press **SELECT**.

5 Highlight **Connect Automatically** and press **SELECT** to connect to the required server.

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

Cancelling the default server settings

To cancel the default server settings, proceed as follows:

1   From the **Select a server** screen, press **SELECT**.

2   Choose **Delete from list** and press **SELECT** again.

3   Press the **OPTIONS** button on the remote control.

4   Select **Refresh** and then **OK**.

✍ Your default server settings are deleted if the AC power is interrupted or if the Network Media Receiver software is updated.

Configuring a default startup screen

To configure a default startup screen, proceed as follows:

1 Start up the Network Media Receiver as described in **Starting and stopping the Network Media Receiver (page 37)**.

2 From the **Main Menu**, highlight **Settings** and press **SELECT**.
The **Settings** screen appears.

3 Highlight **System Settings** and press **SELECT**.
The **System Settings** screen appears.

4 Highlight **Startup Menu** and press **SELECT**.
The **Startup Menu** screen appears.

Network Media Receiver User Guide

5 Highlight a screen you want as the startup screen, and press **SELECT**.

6 Select **OK**, then press the **SELECT** button.

✍ The startup screen which you set as default 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 the Network Media Receiver 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.

To have your computer start automatically when the Network Media Receiver connects, proceed as follows:

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

2 Click **Performance and Maintenance**, then click **System**.
The **System Properties** dialog box appears.

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

4 Click **+** next to **Network Adapter**.
The drop-down tree displays all available network adapters.

5 Double-click the network adapter that connects the computer to the Network Media Receiver.
The network adapter's **Properties** dialog box appears.

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**.

7 Click **OK**.

8 Close the **Device Manager** window, then click **OK** to close the **System Properties** dialog box.

✍ 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.
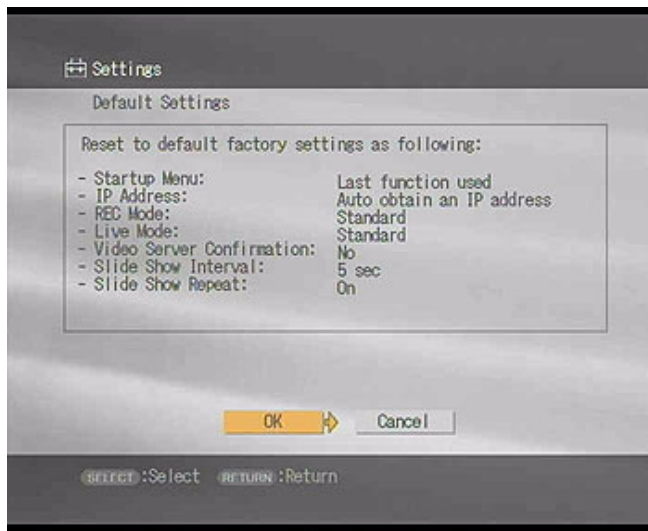
Restoring the original factory settings

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

❑ Startup menu

❑ IP address

❑ Recording mode

❑ Live mode

❑ Default server (VAIO computer)

❑ Slideshow intervals

❑ Slideshow repeat (looping)

To reset the original factory settings, proceed as follows:

1 On the remote control, press the **MAIN MENU** button.
The **Main Menu** appears.

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

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

4 Highlight **Factory Default**, then press the **SELECT** button.
The **Default settings** screen appears.

5 Highlight **OK**, then press the **SELECT** button.
All settings are reset to the original factory settings.

Updating the Network Media Receiver firmware

The Network Media Receiver enables you to use your VAIO computer to update the Network Media Receiver firmware.

To update firmware, proceed as follows:

1   On the remote control, press the **MAIN MENU** button.
    The **Main Menu** appears.
2   Highlight **Settings**, then press the **SELECT** button.
    The **Settings** screen appears.
3   Highlight **System Settings**, then press the **SELECT** button.
    The **System Settings** screen appears.
4   Highlight **Firmware update**, then press the **SELECT** button.
    The **Firmware Update** screen appears.
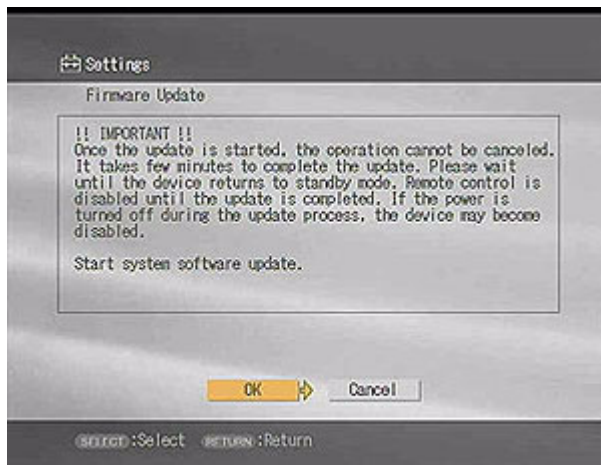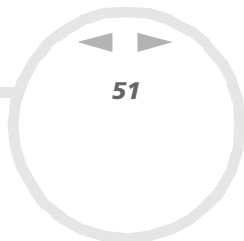
5 Highlight **OK**, then press the **SELECT** button.
The Network Media Receiver prepares to download the firmware update.
The **POWER/REC** indicator starts blinking (red) slowly.

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.

! Once you have started the firmware update process, do not attempt to stop or cancel it. All buttons on the remote control are disabled during the update.

✍ 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.

Check the Sony VAIO-Link website: http://www.vaio-link.com, for future firmware updates.

Watching and recording TV programmes

This section provides information on using the Network Media Receiver to watch and record your favourite TV programmes, using your VAIO computer and TV.

Watching TV programmes

The Network Media Receiver enables you to view TV programmes, received through your VAIO computer 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 programmes. Refer to the **Giga Pocket** manual supplied on disc 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 programmes.

To watch TV programmes, proceed as follows:

1 On the remote control, press the **MAIN MENU** button.
The **Main Menu** screen appears.
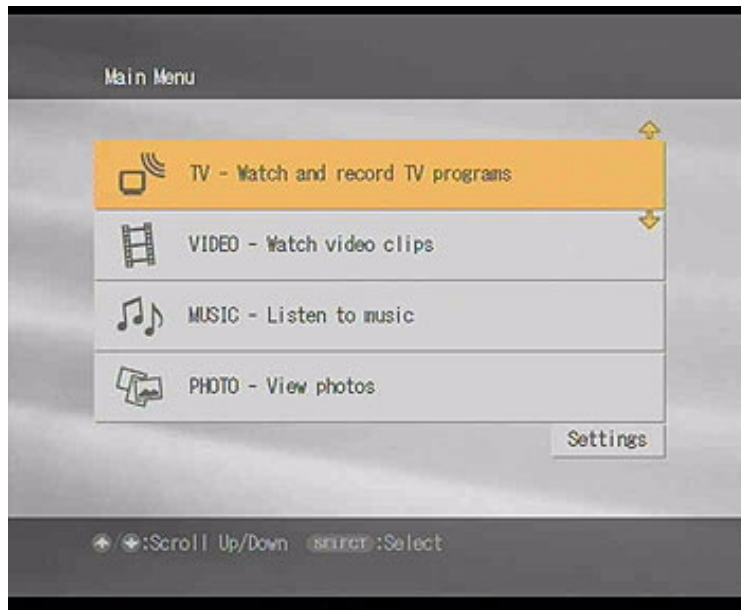
2 Highlight **TV - Watch and record TV programmes**, then press the **SELECT** button.
3 Highlight a server that has **Giga Pocket** features and press the **SELECT** button.

4   Highlight **Connect** and press the **SELECT** button.
The **TV** screen appears.

5   On the remote control, 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.

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Viewing video content using the video-in or S-video-in jack on your VAIO computer

To view video content if you are using a video jack to connect the TV, proceed as follows:

1 From the **TV** screen, press the **OPTIONS** button on the remote control and highlight **Select an input**.

2 Press the **SELECT** button and choose **VIDEO**.

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

Changing the quality of your TV display

To change the quality of your TV display, proceed as follows:

1 From the **TV** screen, press the **OPTIONS** button on the remote control.
The **OPTIONS** screen appears.

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

3 In **Live** mode, select **High Quality** (High), **Standard** (Medium) or **Low Bandwidth** (Low).

4 Highlight **OK**, then press the **SELECT** button.
The TV display quality changes and the **TV** screen reappears.

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

Additional information

❑ When more than one computer is connected to the Network Media Receiver, you cannot switch connection to a different server, while one computer is receiving TV signals.

❑ If your VAIO computer has a timer recording that is scheduled to start while you are watching a different TV programme using the Network Media Receiver, the recording starts and the TV reception switches to the channel being recorded.

❑ When viewing TV programmes continuously for 12 hours, the TV programming may be disrupted for 10 to 20 seconds, after which the TV programme automatically resumes for normal viewing.

Recording TV programmes

Starting a recording session

To start a recording session, proceed as follows:

1 On the remote control, press the **MAIN MENU** button.
The **Main Menu** screen appears.
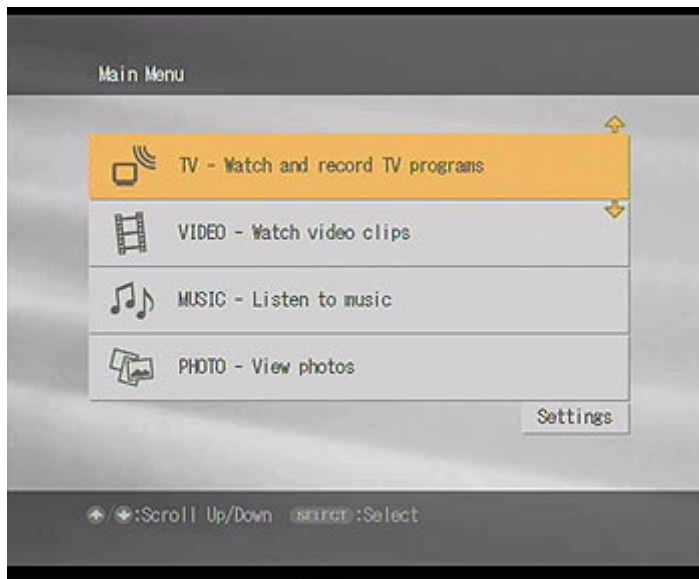
2 Press the remote's arrow buttons to highlight **TV - Watch and record TV programs**, then press the **SELECT** button.

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

4   Highlight **Connect** and press the **SELECT** button.
    The **TV** screen appears.

5   On the remote control, use the **CHANNEL** +/- buttons, or use the channel number and **ENTER** buttons, to change the channels.

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.
    By default, the Network Media Receiver 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 programme pauses briefly before continuing.

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

Viewing and hiding the information display

To toggle between viewing and hiding the information displayed on the **TV** screen, press the **DISPLAY** button on the remote control.

Recording TV programmes using the digital timer

The Network Media Receiver has a digital timer that enables you to make timed recordings of TV programmes without operating your VAIO computer.

To use the digital timer, proceed as follows:

1   While viewing a TV programme on your TV with the Network Media Receiver, press the **OPTIONS** button on your remote control.
    The **OPTIONS** menu appears.
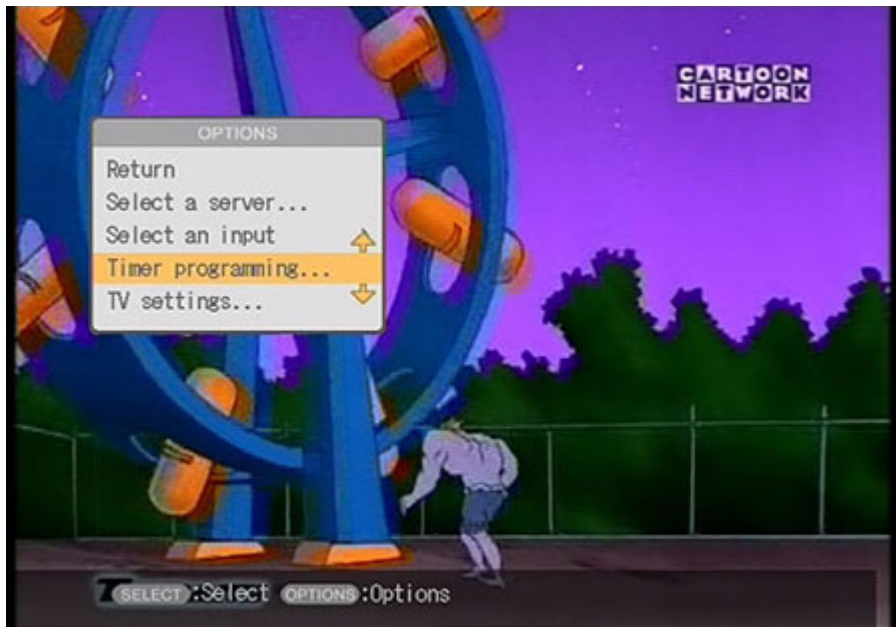
2   Highlight **Timer programming**, then press the **SELECT** button.
The **Timer programming** screen appears.
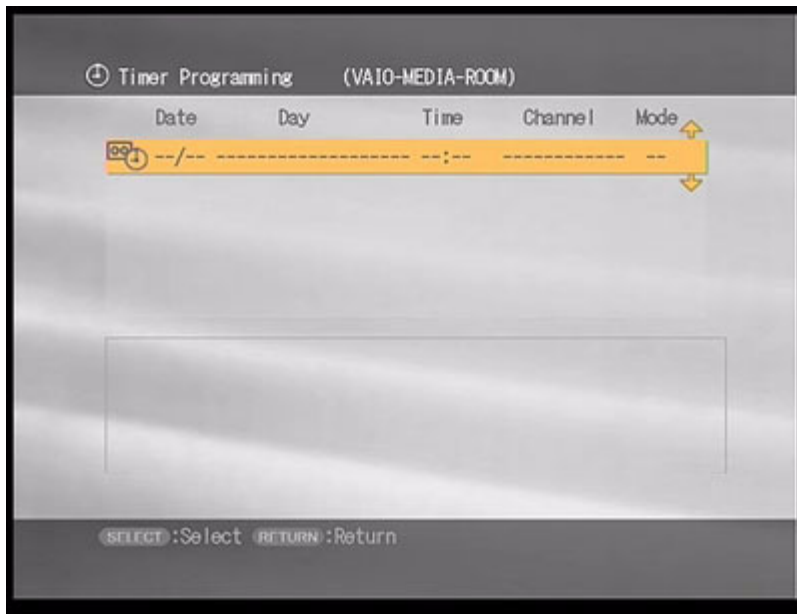
3   Press the **SELECT** button again.
The **Change Timer** screen appears.
4   Highlight the month area in **Start Date/Time**, then press the **SELECT** button.
5   Highlight a specific month, then press the **SELECT** button.
6   As described in steps 4 and 5, specify the following:

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

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

7   To record the same programme 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 required 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.

✍   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.

Cancelling a timer recording

To cancel a timer recording, proceed as follows:

1   From the **Timer programming** screen, highlight the timer recording you want to cancel and press the **SELECT** button.
A submenu appears.

2   Highlight **Cancel Timer programming**, then press the **SELECT** button.
A confirmation message appears.

3   Highlight **OK**, then press the **SELECT** button.
The recording is cancelled.

Changing a timer recording

To change a timer recording, proceed as follows:

1 From the **Timer programming** screen, highlight the timer recording you want to cancel and press the **SELECT** button.
A submenu appears.

2 Highlight **Change Timer Programming**, then press the **SELECT** button.
A confirmation message appears.

3 Change the timer programming settings.

4 Highlight **OK**, then press the **SELECT** button.
The recording setting is changed.

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

The Network Media Receiver cannot be used to change timer recording sessions that were set up using the **Giga Pocket** timer recording function.

Additional information

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

❑ You cannot switch features while recording a TV programme.

❑ 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 control.

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

❑ Make sure that your VAIO computer's clock is absolutely accurate according to official time. Otherwise the recording may start to late or stop too early.

❑ When recording from TV, check that you have plenty of free space left on your hard drive.

❑ While a VAIO computer is recording a TV programme using **Giga Pocket** software, the Network Media Receiver cannot connect to it.

Watching videos

This section provides information on using the Network Media Receiver to watch video capsules with your VAIO computer and TV.

Playing videos

The Network Media Receiver 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 the **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 the **Giga Pocket** guide delivered on disc with your compatible VAIO computer, and the **Giga Pocket** Help files within the software itself.

To watch video content, proceed as follows:

1 On the remote control, press the **MAIN MENU** button.
The **Main Menu** appears.
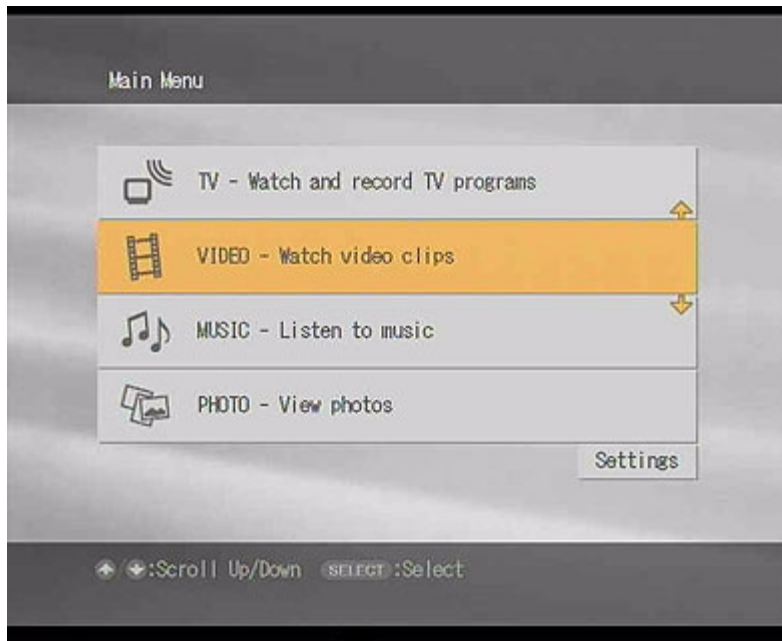
2 Highlight **VIDEO - Watch video clips**, then press the **SELECT** button.
The **Select a Video Server** screen appears.

3 Highlight a server that contains the required Video Capsules, and press the **SELECT** button.

4   Highlight **Connect** and press the **SELECT** button.
    The **Video - All Libraries** screen appears.
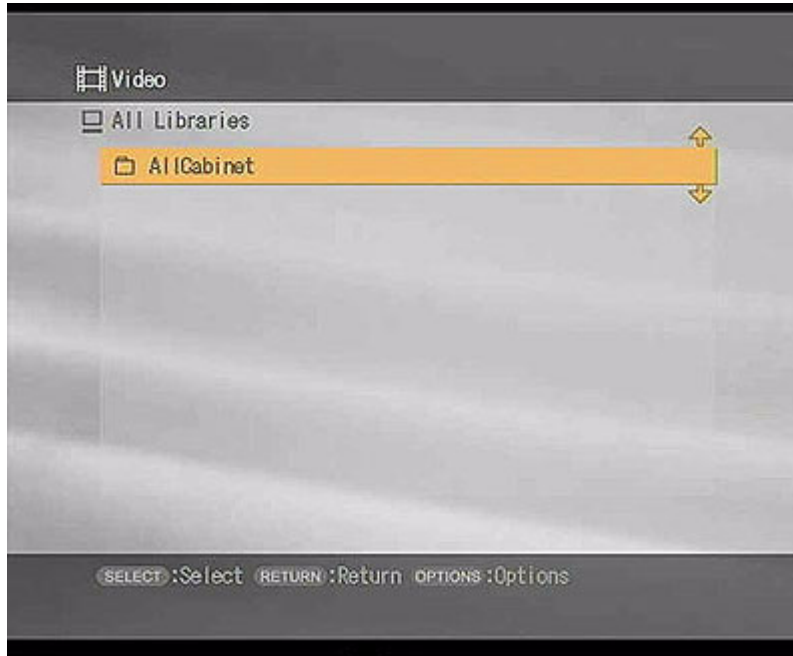
5   Highlight the video cabinet that contains the required Video Capsule, then press the **SELECT** button.
    The video cabinet opens and a list of available Video Capsules is displayed.
6   Highlight a Video Capsule to play, then press the **SELECT** button.

7 Highlight **PLAY**, then press **SELECT**.
The Network Media Receiver starts playing the selected Video Capsule.

8 Use the **STOP**, **PLAY** and **PAUSE** buttons on the remote (just like on your VCR) to control the video playback.

✍ Only the Video Capsules created using **Giga Pocket Personal Video Recorder** are compatible with the Network Media Receiver.

Viewing while rewinding or fast-forwarding

To view the Video Capsule while rewinding or fast-forwarding, proceed as follows:

1 Using the remote control, press the **REW** or the **FWD** button.
Press the **FWD** / **REW** button once to fast-forward / rewind the video.
Press the **FWD** / **REW** button twice to control the video in 30-second increments.

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

Sorting videos

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

To sort Video Capsules, proceed as follows:

1 Press the **OPTIONS** button while the **Video - All Libraries** screen is displayed.
The **OPTIONS** menu appears.

2 Press the arrow buttons to highlight **Sort**, then press the **SELECT** button.
A submenu appears.

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.

Deleting videos

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

To delete the Video Capsules stored on your video server, proceed as follows:

1 From the **Video - All Libraries** screen, highlight a Video Capsule for deleting, then press the **SELECT** button.
A submenu appears.

2 Highlight **Delete**, then press the **SELECT** button.
A confirmation message appears.

3 Highlight **OK**, then press the **SELECT** button.
The selected Video Capsule is deleted from the server.

✍ Protected Video Capsules cannot be deleted through the Network Media Receiver.

Protecting videos

The **Video - All Libraries** screen enables you to protect Video Capsules so that they cannot be deleted.

To protect the Video Capsules, proceed as follows:

1 From the **Video - All Libraries** screen, highlight a Video Capsule for protection, then press the **SELECT** button.
A submenu appears.

2 Press the up or down arrow button to highlight **Read-only**, then press the **SELECT** button.
A 🔒 lock symbol appears next to the Video Capsule title.
The Video Capsule is protected from deletion.

To cancel the protection on Video Capsules, proceed as follows:

1 From the **Video - All Libraries** screen, highlight a protected Video Capsule, then press the **SELECT** button.
A submenu appears.

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

3 Press the up or down arrow button 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 programmes are stored on the computer being used as the default TV server.

To change the video settings, proceed as follows:

1 Press the **OPTIONS** button while the **Video - All Libraries** screen is displayed.
  The **OPTIONS** menu appears.
2 Highlight **Video Settings**, then press the **SELECT** button.
  The **Video Settings** screen appears.

3   Highlight the **Yes** or **No** option, then press the **SELECT** button.
4   Highlight **OK**, then press the **SELECT** button.
The display returns to the **Video - All Libraries** screen.

Using the film roll feature

The Network Media Receiver has a thumbnail view (film roll) feature that enables you to select the frame to start playback.

To select the film roll feature, proceed as follows:

1   Press the up arrow button during video playback or pause.
A film roll appears on your TV screen.
2   Press the right or left arrow button to move the cursor to a specific frame, then press the **SELECT** button.
Playback starts from the specified frame.
3   To hide the film roll, press the up or down arrow button.

Using the time search feature

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

To select the time search feature, proceed as follows:

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**.
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.

To do this, proceed as follows:

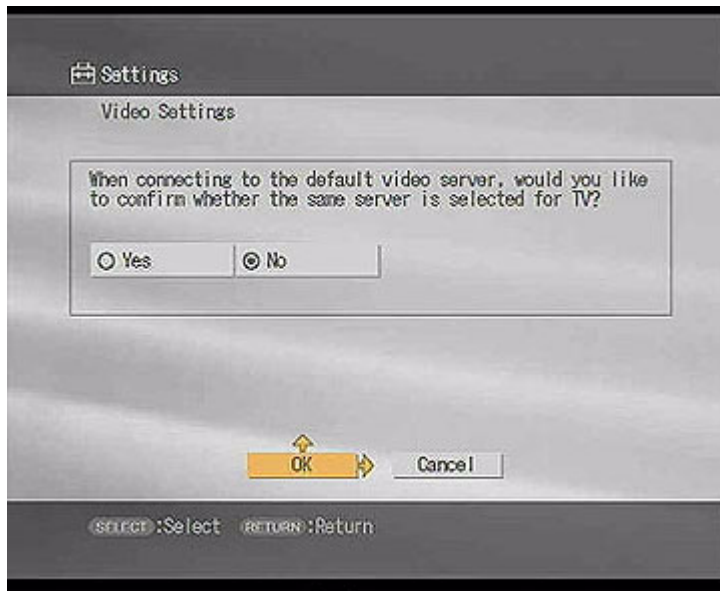**1** From the **Video - All Libraries** screen, highlight the Video Capsule to play, then press the **SELECT** button.
A submenu appears.

2 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 the Network Media Receiver to listen to music with your VAIO computer and TV.

Playing music

The Network Media Receiver 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 the **SonicStage** software are supported by the Network Media Receiver. Other music files may not be compatible with the Network Media Receiver.

The Network Media Receiver displays the playlist names and playlist folder names as identified in **SonicStage** software. For details on how to use **SonicStage** software, see the Help files within the software itself.

✍ The Network Media Receiver does not support WMA files.

To listen to music, proceed as follows:

1 On the remote control, press the **MAIN MENU** button.
The **Main Menu** appears.
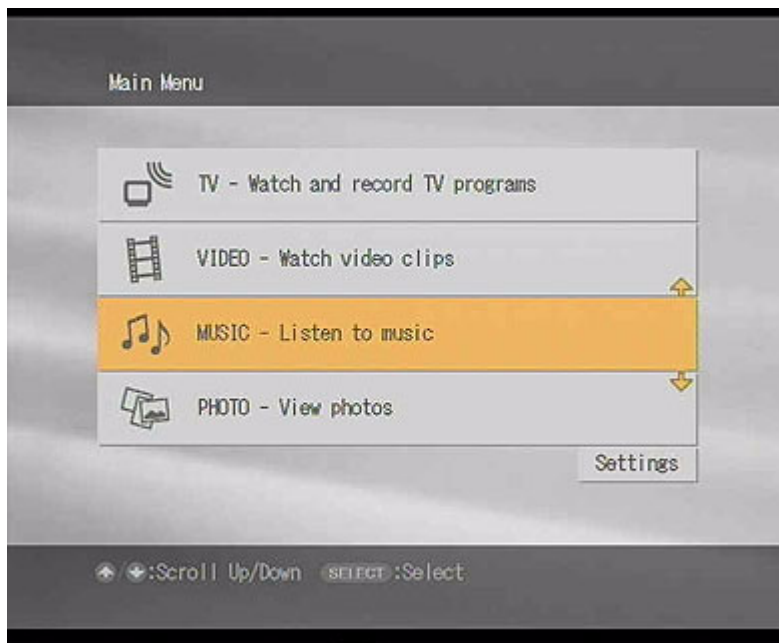
2 Highlight **MUSIC - Listen to music**, then press the **SELECT** button.
3 Highlight a server that contains the required playlists or music tracks and press the **SELECT** button.

4   Highlight **Connect** and press the **SELECT** button.
    The **Music - All Libraries** screen appears, displaying both folders and playlists.
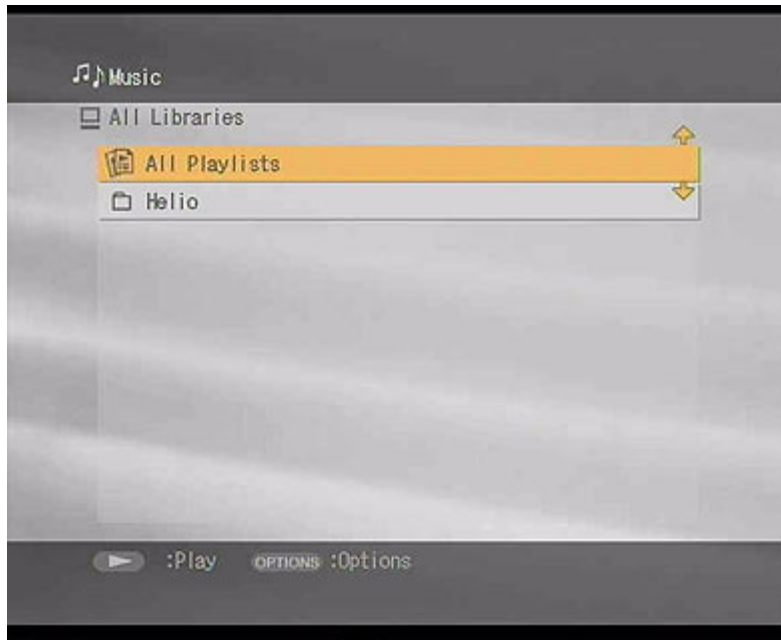
5   Highlight the folder that contains the required playlist, then press the **SELECT** button.
6   Highlight the required playlist, then press the **PLAY** button.
    The playlist opens and the Network Media Receiver starts playing from the first track in the playlist.

✍ If the playlist cover art is available on the **SonicStage** software, it is displayed on your TV screen. Otherwise, the default playlist cover art is displayed
    on your TV screen.

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Navigating within a playlist during playback

To navigate within a playlist, proceed as follows:

1 On the remote control, 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, proceed as follows:

1 Using the remote control, press the **REW** or the **FWD** button.

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

To pause playback, proceed as follows:

1 Press the **PAUSE** button on the remote control.

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

To stop playback, press the **STOP** button on the remote.

Looping a music track

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

To loop a music track, proceed as follows:

1 Press the **OPTIONS** button during the playback of the music track or playlist.
The **OPTIONS** menu appears.

2 Highlight **Repeat**, then press the **SELECT** button.
A submenu appears.

3 Highlight **ON**, then press the **SELECT** button.

Choosing a play mode

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).

To choose a play mode, proceed as follows:

1   Press the **OPTIONS** button during the playback of the playlist.
    The **OPTIONS** menu appears.
2   Highlight **Play mode**, then press the **SELECT** button.
    A submenu appears.
3   Highlight a play mode, then press the **SELECT** button.

✍ In shuffle mode, only the song that is being played has the title displayed, all the other songs have only their number but no title displayed.

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

Sorting folders or playlists

The **Music - All Libraries** screen enables you to sort folders or playlists by name, in ascending or descending order.

To sort folders or playlists, proceed as follows:

1   Press the **OPTIONS** button while the **Music - All Libraries** 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 the Network Media Receiver to view photos in slideshow format or as individual still images, using your VAIO computer and TV. Please note that due to lower resolutions and refresh rates used on most TVs, the picture quality on your TV set might be lower than that of a computer display.

Only the photos managed with **PictureGear Studio** software, or the photo files stored in a designated folder are supported by the Network Media Receiver.

To start viewing your photos, proceed as follows:

1 Press the **MAIN MENU** button on the remote control.
The **Main Menu** appears.

2 Highlight **PHOTO - View photos**, then press the **SELECT** button.

3   Highlight a server that contains the required 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.

5   Highlight the folder that contains the required photo collection or photos, then press the **SELECT** button.
The folder opens and a list of available still images is displayed.

6   Highlight the collection or still image to view, then press the **PLAY** button.
The Network Media Receiver starts playing the selected collection or photos as a slideshow on your TV.

✍ Only still image files are compatible for viewing with the Network Media Receiver.

Using index view (thumbnails)

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

To use the index view, proceed as follows:

1   From the **Photo - All Libraries** screen, highlight the collection or still image to view and press the **OPTIONS** button.
A submenu appears.

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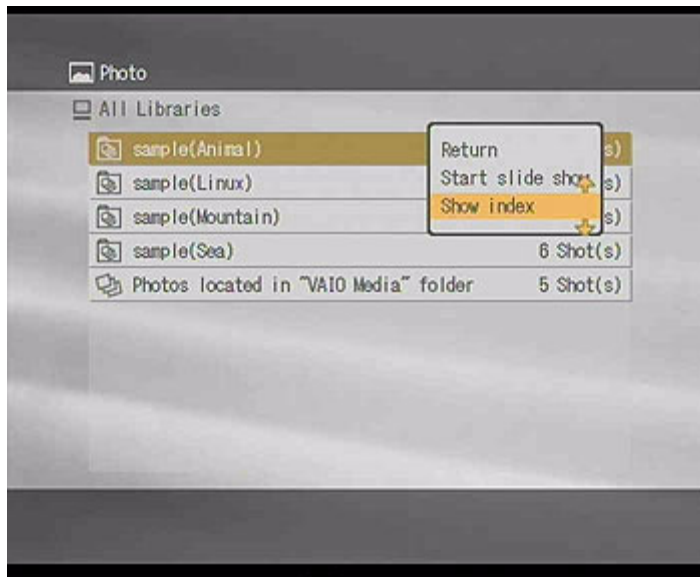
2   Highlight **Show Index**, then press the **SELECT** button.
The photos are displayed in thumbnail view on your TV screen.

Changing the slideshow settings

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

To change the slideshow settings, proceed as follows:

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

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

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 Highlight **OK**, then press the **SELECT** button.
The **Photos - All Libraries** screen is displayed.

Adding background music to a slideshow

To add background music to a slideshow, proceed as follows:

1 Press **OPTIONS** while a slideshow is playing.
A submenu appears.
2 Highlight **Background music on...**, then press **SELECT**.
3 Highlight a server that contains the required background music playlist and press the **SELECT** button.
4 Highlight **Connect** and press the **SELECT** button.
The **Background Music - All Libraries** screen appears.
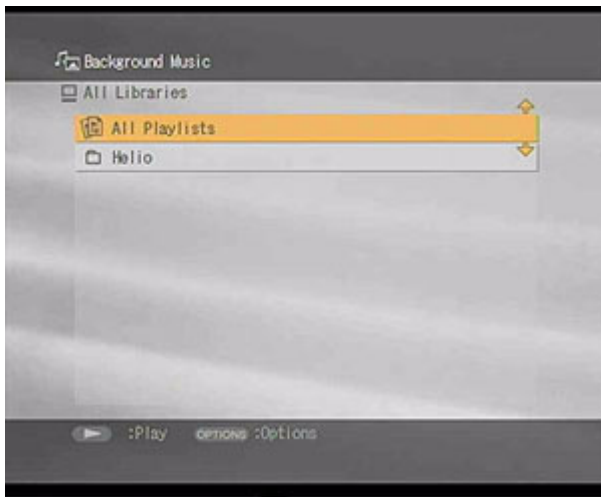
5 Select a playlist for the background music, then press **SELECT**.

Additional information

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

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

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

❑ To stop a slideshow, press the **STOP** button.

❑ To pause the slideshow, press the **PAUSE** button.

❑ To resume the slideshow, press the **PLAY** button.

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

Troubleshooting

This section describes how to troubleshoot common problems.

About power connections

The Network Media Receiver does not start or operate

❑ Connect the AC adapter securely.
The **Standby** indicator light is red (dimmed) once the AC power cord is connected between the Network Media Receiver unit and the wall power outlet.

❑ Make sure 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.

❑ Make sure fresh batteries are properly installed in the remote control.

❑ Unplug the AC adapter from the power outlet and plug it in again. Doing so resets the Network Media Receiver to the original factory default settings.

❑ The Network Media Receiver 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 Network Media Receiver does not 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, proceed as follows:

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.

3 To completely disconnect power to the Network Media Receiver, unplug the AC adapter.
The Network Media Receiver goes into **Standby** mode and the **Standby** indicator light is red (dimmed).

*The VAIO computer does not resume from **Standby** or **Hibernate** mode*

❏ Make sure the computer, server and network settings are configured correctly.

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

   ❏ A crossover cable is securely connected between the Network Media Receiver 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, the Network Media Receiver 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 the Network Media Receiver).

❏ When connecting to the Network Media Receiver 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.

❏ The Network Media Receiver 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.

* Use network cables that support 100BASE-TX/10BASE-T.

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

About the remote control

The remote control does not control TV functions

❑ Make sure your TV is compatible.
The remote control does not work with all TV models.
❑ Make sure the fresh batteries are properly installed in the remote control.
❑ Make sure the correct TV manufacturer code is set for the remote control.
❑ When you replace the batteries in the remote control, reset the TV manufacturer code again.

About visual and audio reception

There is nothing displayed on the TV screen

If your VAIO computer has become unstable and stops responding, turn it off and restart the computer.

Check the following:

❑ The TV set is turned on and the power indicator light is on.
❑ The Network Media Receiver is turned on and the power indicator light is on.
❑ The Network Media Receiver and the TV are connected properly.
❑ The TV is connected to the Network Media Receiver, using the video/S-video-in jack.
❑ The TV is set to the correct channel and that the correct port has been selected on your TV.
❑ **Giga Pocket Server** is running.

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 support 100BASE-TX/10BASE-T.

  ❑   The network switch or the router device supports 100BASE-TX/10BASE-T.

❑   The connected server or the network may be overloaded.
   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

❑ Make sure the VAIO computer(s) are turned on.

❑ Make sure the network settings are configured correctly.

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

   ❑ A crossover cable is used for a direct connection between the Network Media Receiver 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, the Network Media Receiver and the VAIO computer have been configured to obtain the IP address automatically.

   ❑ The correct server name appears in the **Select a server** screen (the **Select a server** screen lists all current and previous servers connected to the Network Media Receiver).

   ❑ To use the automatic resume feature**, the VAIO computer must be in **Standby** or **Hibernate** mode.

   ❑ Verify that the IP address of the Network Media Receiver is obtained properly. If using a router device, the Network Media Receiver 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.

❑ The VAIO computer may have become unstable. Turn off and restart the VAIO computer.

❑ If the server still does not appear in the **Select a server** screen, turn off the Network Media Receiver and disconnect then reconnect the AC adapter. Turn on the Network Media Receiver again and check that the server appears in the **Select a server** screen.

* Use network cables that support 100BASE-TX or 10BASE-T.

** The Network Media Receiver automatically brings the VAIO computer out of **Standby** or **Hibernate** mode.

The required server is not displayed in the Select a server screen

To refresh the **Select a server** list, proceed as follows:

1 Press the **OPTIONS** button on the remote control, 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.

❑ If the server still does not appear in the **Select a server** screen, turn off the Network Media Receiver and disconnect then reconnect the AC adapter. Turn on the Network Media Receiver again and check that the server appears in the **Select a server** screen.

The server is listed as Unknown

When this is shown for a server, the Network Media Receiver does not recognise the computer's availability and fails to connect.

In this case, proceed as follows:

1 Using the remote control, select **Connect** from the on-screen submenu.
2 Press **OK**.

If these steps do not connect the server, try 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.
❑ Make sure the computer is turned on.
❑ Make sure the network cable connections are secure.
❑ If using a network switch device or a router device with a built-in network switch, make sure the equipment is turned on.
❑ Make sure the network status is up.

The Select a server screen always appears

You can set the Network Media Receiver 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** , for details.

About recording and playback

Recording stops too early

❑ The Network Media Receiver 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 control.

The Network Media Receiver does not access TV programmes

❑ You cannot use the Network Media Receiver to view TV programmes while a **Giga Pocket** recording session is in progress.

❑ You cannot connect the Network Media Receiver to a VAIO computer that is providing TV programmes to another media receiver.

The remote control works slowly

The remote control takes 3 - 5 seconds to change channels.

TV viewing is delayed

When viewing TV programmes with the Network Media Receiver, there is a 15-second delay in receiving the broadcast.