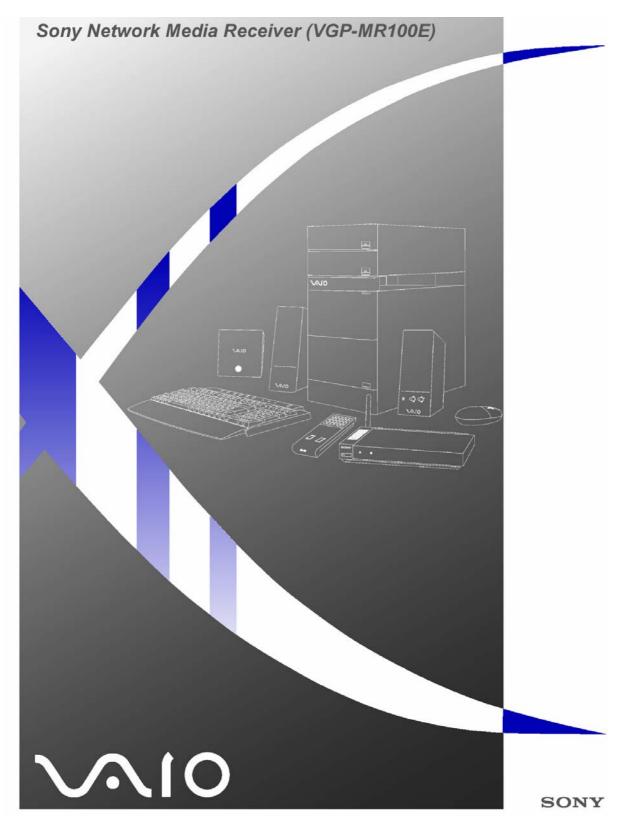
Installation procedure for the



INSTALLATION PROCEDURE FOR THE SONY NETWORK MEDIA RECEIVER

Welcome to the Sony Home Server world.

This guide to the installation of the Network Media Receiver is intended to be an effective and clear support during the creation of your Home Network, that is a system which allows the sharing of the multimedia contents in your Personal Computer with other products in the Audio/Video world.

This will allow you to enjoy technology in the most comfortable and convenient way for your requirements, in whichever location in the house you wish, and above all without cables which restrict the positioning of products and the free circulation within the rooms.

All the accessories which allow you to live this extraordinary experience are provided with your Vaio computer.

The Network Media Receiver (VGP-MR100E) makes it possible to share the data contained in the PC (especially photos, videos, musical extracts) with Audio/Video equipment in other areas of the home.

The Access Point (PCWA-A320) allows the use of the Network Media Receiver without the aid of cables which inconvenience and limit you, really bringing multimedia into your everyday life.

Note:

This presentation is not intended to act as a substitute for the instructions booklet included in the packaging of the computer. Therefore, for a comprehensive use of the product, it is recommended that you read the contents of the CD-ROM "Media Network Receiver" provided with the equipment.

This installation procedure relates to a newly purchased computer, which therefore does not have software applications installed by the final user.

Should there be any problems following purchase, please contact the Vaio-link support (www.vaio-link.com) or telephone the number XXXXXXXX.

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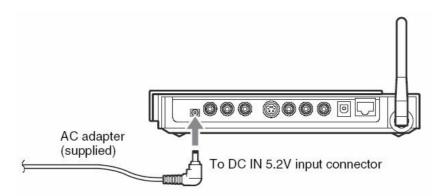
1,2,3 PRELIMINARY OPERATIONS

1 Open the Wireless LAN package.

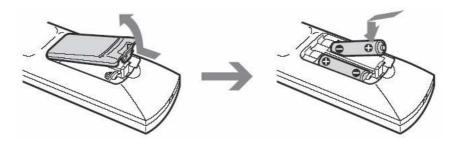
2 Plug the Network Media Receiver into the electric supply outlet (220 V).

Connect the AC adaptor (PCGA-AC5V1) to the DC port of the Network Media Receiver appliance (VGP-MR100E).

Connect the electric cable to the AC adaptor and afterwards to the socket on the wall.



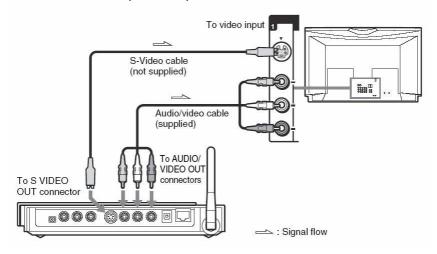
3 Make the remote control operational. Insert 2 AA batteries in the appropriate lodgement.



4 Connect the Network Media Receiver to the television set or the video recorder.

Connect the A/V cable to the sockets on the TV or on the VCR, respecting the corresponding colours.

S-Video cable (not included) Video input Component Audio/Video cables (included)



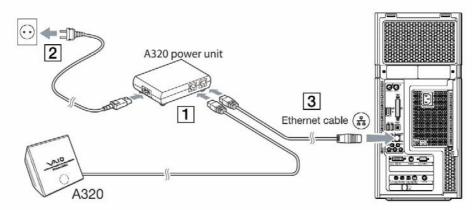
WIRELESS - How to create your Wireless environment- 5

Installation of the Access Point (PCWA-A320) - A

1. Connect the Access Point to the inlet "WIRELESS UNIT" of the Power Unit (PCWA-AC04).

2. Connect the plug to the electric outlet (220V).

3. Use the crossover cable, blue (about 1 meter long), provided with the PCNA-MR100E to connect the unit ("NETWORK" port) to the ETHERNET port of your Vaio.



Configuration of the Access Point (PCWA-A320) - B

1. Select "START" from the start bar, "All programmes", "Wireless LAN", "Access Point Scan Utility". Launch the programme.



	Access Point Name	IP Address	MAC Address
1210	Scanning		

At this point the system will search for the presence of an Access Point.

Access Point found.

AP Access Point Scan U	i lity Access Point List			2
	Access Point Name	IP Address	MAC Address	1
	PCWA-A320 eb546c	80.88.37.29	08:00:46:eb:54:6c	1
1210				
J	1	Scan Acc	ess Point Setup Close	e

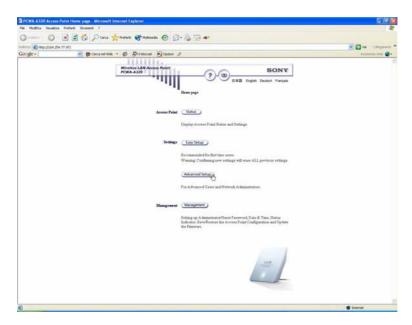
2. Select "Access Point Setup"

	Access Point List		
	Access Point Name	IP Address	MAC Address
	PCWA-A320 eb546c	80.88.37.29	08:00:46:eb:54:6c
1410			

A window will open offering various possibilities to configure the access point.

- > Status
- > Easy setup> Advanced setup
- > Management

3. Select "Advanced setup"



By means of this menu, it will be possible to set all the necessary parameters in order to create and operate a wireless environment.

"Advanced setup" comprises a section on Wireless Settings, one on Network Settings, and finally one on Other Settings.

4. Begin by configuring the Wireless Settings section.

The various options will have to be configured as follows:

Network name (SSID)	Insert a name for the Wireless LAN connection. For example DIGITAL.
Encryption (WEP)	Select: "Enable"
Key length	It is possible to select the length of the keyword between 40-104 bits. With 40 bits you can enter a password of 5 letters; if 104 bits is selected, a password of 13 letters will have to be entered.
Wep key Туре	Select: "ASCII characters" to enter an alpha-numerical password.
Wep key	Enter a password of 5 or 13 characters, as requested in the previous line.
Wep key (confirmation)	Retype the password written in the previous line.
Frequency (channel)	Select: "Auto select"
Broadcast Network Name (SSID)	Select: "Yes"
IEEE 802.11 Mode:	Select: "11g"
Access Control:	Select: "Accept all"

5. Now configure the section **Network Settings**. The various options will have to be configured as follows:

Connection Method	Select: "Obtain an IP address automatically (DHCP)"
Speed	Select: "Auto-Detect"

6. Finally configure the section **Other Settings**. The various options will have to be configured as follows:

Select: "Enable" Quick Setup switch

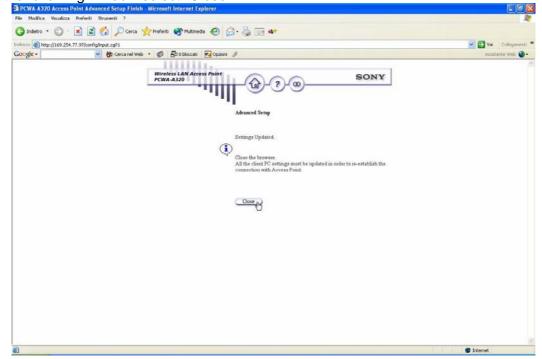
PCWA-A320 Access Point Advanced Setup - Microsoft Internet Explorer			
File Modifica Visualizza Preferiti Strumenti ?			A
🔇 Indietro 🔹 💿 · 💌 📓 🏠 🔎 Cerca 🤺 Preferiti 🜒 Multimedia 🧭 🍃) - 🍃 🖂 🛶 a la substance de		
Indirizzo 🕘 http://169.254.77.97/config/setup.cgi70		Vai	Collegamenti »
Google - 🛛 😵 🏀 Cerca nel Web 🔹 🚿 🖶 O bloccati 🛛 🛃 Opzioni	A		ente Web 🌒 🗸
			~
Wireless LAN Access Point PCWA-A320	SONY		
- 1			
	Advanced Setup		
WIRELESS Settings Help			
Network Name (SSID)			
Encryption (WEP)	Automatical and a second se		
	40 bits 💌		
WEP Key Type	ASCII characters		
Number of characters	5 characters		
WEP Key	••••		
WEP Ksy (Confirmation)	*****		
Frequency (Channel)	Auto Select		4
Broadcast Network Name (SSID)			<i></i>
IEEE 802.11 Mode			
			_
Access Control	I		
	O Accept only clients in <u>Accept List</u>		
NETWORK Settings Help			
Connection Method			
	Obtain an IP address automatically (DHCP)		
	Use the following IP address		
IP Address			
Netmask			
Default Gateway			
DNS Server 1	(Optional)		
DNS Server 2	(Optional)		
DNS Server 3			
Sneed	Auto-Detect		
- Decou			
Other Settings Help			
Quick Setup Switch	Enable M		
Time Server (NTP Server)	(Optional)		
	Back Next fr.		
	\Box		
	-O> Exit		
	Setup Confirm		
2			~
		🌒 Internet	

7. Once all the fields have been defined as stated above, select "Next".

	Preferiti Strumenti ?		
G Indetro 🔹 🕥 🗉	🖹 🗟 🏠 🔎 Cerca 📌 Preferiti 🔮 Multimedia 🧭 🖉	- 🍓 🖂 🐠	
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Google -	👻 🚯 Cerca nel Web 🔹 🚳 🗗 🛛 bloccasi 🛛 Opzioni 🖉	/	Assistente Web 🍅
	Wireless LAN Access Point	-	
	PCWA-A320	SONY SONY	
		000	
		Confirmation of configuration (Advanced Setup)	
	WIRELESS Settings		
	Network Name (SSID)	DIGITAL HOME	
	Encryption (WEP)	Enable	
	Frequency (Channel)	Auto Select	
	Broadcast Network Name (SSID)	Yes	
	IEEE 802 11 Mode	11#	
	Acc+se Control		
	Auto Contra	ondo m	
	NETWORK Settings		
		Obtain an IP address automatically (DHCP)	
	DNS Server 2		
	DNS Server 3		
	Speed	Auto-Detect	
	Other Settings		
	Quick Setup Switch	Enable	
	Time Server (NTP Server)		
		To accept these settings, click Execute Setup	
		To change these settings, click Back	
		Back Execute Setup	
		Setup Confirm	
		 - CREATER (1987, SAME SQUE) 	
Operazione completata			😴 Internet

A page is now displayed showing a summary of the settings entered so far.

- 8. Confirm with "Execute Setup".
- 9. In the following window select "Close".



In the operation confirmation message press "YES"

Configuration of the PC's network card - C

1. "START" from the start bar, "All programmes", "Control Panel", Launch the programme.



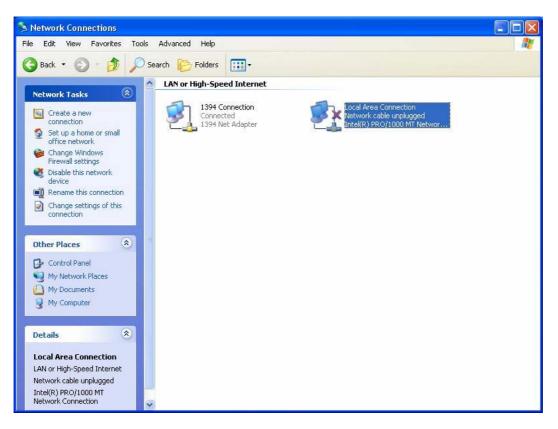
With the mouse, go to the "Switch to Classic View" click.





With the mouse, go to the "Network Connections" icon and double click on it.

The window "Network connections" opens. In the window there are two icons: "Connections 1394" and "Connections to local network (LAN)".



3. Select the icon "Connections to local network (LAN)" and, pressing the mouse's right button, select "Properties".

Recycle Bin	
S Network Connections	
Internet Explorer File Edit View Favorites Tools Advanced Help	
LAN or High-Speed Internet	
Network Tasks	
Create a new Connection Connection Connected 1394 Connection Disable	
2 Set up a home or small	Ride
Chance Windows	
Firewall settings Bridge Connections Disable this network Create Shortcut	
We consider this network Create Shortcut device Delete Norton Imit Rename this connection	
International Change settings of this Rename	
Properties	
repare you other Bloose	
VAIO Unter Places	
My Network Places	
VATO Decuments	
g my computer	
Details	
Izro Buyinin Rom	
Local Area Connection	
Network cable unplugged	
Intel(R) PRO/1000 MT Network Connection	
ndows (Madia)	
Rayar	

4. Inside this window select:" Internet Protocol (TCP/IP)" and "Properties".

Connect using: Intel(R) PRO/1000 MT Network Con Con	
📰 Intel(R) PRO/1000 MT Network Con	
	figure
his connection uses the following items:	
Client for Microsoft Networks	
E Interest Starting for Microsoft Networks	
🗹 📇 QoS Packet Scheduler	
🗹 🔭 Internet Protocol (TCP/IP)	
Install Uninstall Prop	perties
Description	
Transmission Control Protocol/Internet Protocol. The	default
wide area network protocol that provides communicat	ion
across diverse interconnected networks.	
Show icon in notification area when connected	
Notify me when this connection has limited or no con	nactivitu
Intoday me when this connection has inniced or no com	nectivity
ОК	Cano

5. The window: "Properties - Internet Protocol (TCP/IP)" will open.

eneral	Alternate Configuratio	n				
this cap	n get IP settings assign ability. Otherwise, you r ropriate IP settings.					
<u>ا</u> 0	otain an IP address auto	omatically				
-OU:	se the following IP addr	ess:				
IP ac	ddress:				-	
Subr	net mask:			1	- E.C.	1
Defa	ult gateway:		- 12	12		
💿 Ot	otain DNS server addre	ss automatic	ally			
OU:	se the following DNS se	erver address	ses:			
Prefe	erred DNS server:		17			
Alter	nate DNS server:			17		
					Adv	anced
					Auva	inceu

Select:

» "Automatically obtain an IP address". Confirm your choice by clicking "OK".

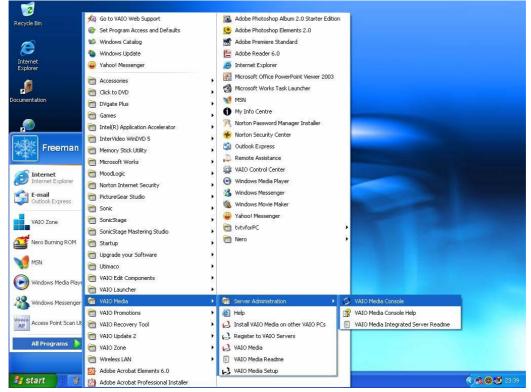
eneral Authentication A Connect using:	- ar		
Intel(R) PR0/1000 N	MT Network (ion [Configure
This connection uses the f	ollowing items	:	
 ✓ I Client for Microsof ✓ I File and Printer SF ✓ QoS Packet Sche ✓ Thternet Protocol (haring for Mic eduler	osoft Netv	vorks
Install	Uninstall		Properties
Description			
Transmission Control Pro wide area network proto across diverse interconn	col that provi	des comm	
Show icon in notification Notify me when this cor			

6. Close the window "Properties - Connections to local network (LAN)".7. Close the "Network connections" window.

Configuration of Vaio Media - 6

Activation of the sharing of the Vaio Media libraries - A

1. From START, ALL PROGRAMMES, VAIO MEDIA, SERVER ADMINISTRATION, select "Vaio Media Console".



2. From "start and shutdown of server" select the button" Start".

	Access Control Settings	Firewall Other	1	
rt and Stop the Server	Access control bearings	Filewali Other		
Start and stop the serve	er			
and the second second second second	he server to access media	s content on this (
	rne server to access media er has started, they will rem			t the computer.
				Contraction Contraction
Status of the server:	Stopped	Star	t Sto	q
Register and Delete Cor	ntent from other programs	and devices		
0				
Set to register, of registered device	delete or accept recording) programs from o	ther programs or	this computer or
Allow other program	ns and devices to register	and delete media	content	
Set password to sec	cure programs and device	 A password mu 	ist he entered to	register and delete
media content.	Allo programs and as	or er hader rora	for pro-on-monarchine	regional di la delle la
Password:				
Folder settings to autom	atically register or delete n	edia content		
	hatically register or delete n			
You are able to	add folders and access y	our media conten		
You are able to content in this for	add folders and access y older" option. All subfolder	our media conten		
You are able to content in this for folders can be a	add folders and access y older" option. All subfolder added to this list.	our media conten		
You are able to content in this for	add folders and access y older" option. All subfolder added to this list.	our media conten		cessible. Up to 10
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You are able to content in this for folders can be a	add folders and access y older" option. All subfolder added to this list.	our media conten		Add
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You are able to content in this for folders can be a	add folders and access y older" option. All subfolder added to this list.	our media conten		Add

Then select "Allow other programmes and other peripherals to register and eliminate multimedia content".

Add) Media Console			
Start and stop the server to access media content on this computer. Once the server has started, they will remain active the next time you reboot the comput Status of the server: Started Set to register, delete or accept recording programs from other programs on this computeregistered devices. Allow other programs and devices to register and delete media content Set password to secure programs and devices. A password must be entered to register and media content. Password: Folder settings to automatically register or delete media content You are able to add folders and access your media content through the "Access media folders can be added to this list. Access media content in this folder: Add	nd Stop the Server 🛛 🗚	access Control Settings	Firewall Other	
Register and Delete Content from other programs and devices Set to register, delete or accept recording programs from other programs on this compute registered devices. Allow other programs and devices to register and delete media content Set password to secure programs and devices. A password must be entered to register and media content. Bessword: Folder settings to automatically register or delete media content You are able to add folders and access your media content through the "Access media content in this folder" option. All subfolders containing media will also be accessible. Up folders can be added to this list. Access media content in this folder: Add	11. Start and stop the	e server to access media has started, they will rema	content on this computer. iin active the next time you reb	oot the computer.
Set to register, delete or accept recording programs from other programs on this comput registered devices. Allow other programs and devices to register and delete media content Set password to secure programs and devices. A password must be entered to register and media content. Password Colder settings to automatically register or delete media content You are able to add folders and access your media content through the "Access media folders can be added to this list. Access media content in this folder: Access media content in this folder: Add	at <u>u</u> s of the server:	Started	<u>S</u> tart	itop
Content in this folder" option. All subfolders containing media will also be accessible. Up folders can be added to this list. Access media content in this folder:	registered device Allow other programs Set password to secu media content. Password: der settings to automat	s. and devices to register a re programs and devices tically register or delete m	nd delete media content A password must be entered t edia content	o register and delete
Add	🥑 content in this fol	der" option. All subfolder:		
	cess media content in	this <u>f</u> older:		
Dele				Add
				Delete
Ope				Open

Before confirming by pressing the "OK" button, think about how you wish to organise the contents which will be displayed on the TV, following what is explained in the next paragraph "Setting of folders for multimedia content".

B – Setting of the folders for multimedia content

Using Vaio Media Console, it is possible to organise the contents which can be accessed from the TV, by means of Network Media Receiver, adding (up to a maximum of 10) or deleting folders which appear in the menu on the screen.

If, for example, you wish to organise your menu by type of content, you can create three folders on the PC named as follows:

- > Personal photo album
- > Clips
- > My favourite songs

Once created, in the folder "Personal photo album", you will have your images (jpeg or full photographic albums), while in the "Clips" folder it is possible to store all the video contents (Mpeg2, DivX, imported files from a digital video camera), and in "My favourite songs" audio files (mp3 and wav).

Going back to the window "Vaio Media Console" and pressing the button "ADD", it is possible to import the folders previously created (up to a maximum of 10).

Starting with the folder "Personal photo album":

1. Press the button "ADD" in the start-up screen of "Vaio Media Console".

rt and Stop the Server	Access Control Settings	Firewall	Other		
Start and stop the serve	er				
	the server to access med er has started, they will rer				oot the computer.
Stat <u>u</u> s of the server:	Started		<u>S</u> tart	S	top
Register and Delete Co	intent from other programs	s and devic	es		
Set to register, registered devia	delete or accept recordin	ig programs	from other	programs o	on this computer or
- manager	ns and devices to register	r and delete	e media cor	itent	
	cure programs and device				o register and delete
Password:					
Folder settings to autom	natically register or delete	media conl	ent		
You are able to content in this f	add folders and access folder" option. All subfolde added to this list.	your media	content thr		
Access media content	in this <u>f</u> older:				-
					A <u>d</u> d
					Delete
					Ope <u>n</u>

2. Select the path of the desired folder.

ernet plorer	🗘 VAIO Media Console	
pentation [59	Start and Stop the Server Access Control Settings Firewall Other Start and stop the server Start and stop the server to access media content on this computer. Start and stop the server to access media content on this computer. Start and stop the server to access media content on this computer. Start and stop the server to access media content on this computer. Starts and Stop the server to access media content on this computer. Starts and stop the server to access media content on this computer. Starts and Stop the server to access media content on this computer. Starts and Stop the server to access media content on this computer. Starts and Stop the server to access media content on this computer. Starts and Stop the server to access media content on this computer. Starts and Stop the server to access media content on this computer. Starts and Stop the server to access media content on this computer. Starts and Stop the server to access media content on this computer. Starts and Stop the server to access the server to access media content on this computer. Starts and Stop the server to access the server to acccess the server to acccess the server to access the server to acc	
Deton ter	Set to re registere My Documents is computer or ✓ Allow other p Clips Clips ister and delete Set password Image: Clips Image: Clips ister and delete Personal photo album Image: Clips Image: Clips ister and delete Folder settings to Image: Clips Image: Clips Image: Clips V Computer Image: Clips Image: Clips Image: Clips	
Ato entas Burning ROM	You are content i folders c Access media c Access media c OK Cancel Add Delete Open	
	Version OK Cancel Apply Help	

3. Confirm with "OK".

You can repeat the three steps described above, for other folders which you intend to use (in our example "Clips" and "My Music").

art and Stop the Server	Access Control Settings Fir	ewall Other		
Start and stop the serve	r			
Start and stop the Server	he server to access media co r has started, they will remain	ntent on this compu active the next time	ter. you reboot the com	puter.
Status of the server:	Started	Start	Stop	
Begister and Delete Cor	ntent from other programs and	devices		
0	delete or accept recording pro		orrans on this com	outer or
registered devic		grams nom omer pr	ograms on this comp	Julei Of
Allow other program	is and devices to register and	delete media conte	nt	
	ure programs and devices. A			od delete
media content.	and programs and demotes. A	passing more po c	increa to register a	141.410-10-50
media cuntent.				
Password:				
<u>B</u> ässword:				
<u> P</u> ässword:	atically register or delete medi	a content		
Password:	add folders and access your	media content throu		
Password:	add folders and access your older'' option. All subfolders co	media content throu		
Eassword:	add folders and access your older" option. All subfolders co added to this list.	media content throu		
Password: Folder settings to autom You are able to content in this fit folders can be a Access media content i C:\Documents and Se	add folders and access your older" option. All subfolders co added to this list. n this <u>fo</u> lder: ttlings\Freeman\My Documer	media content throu ontaining media will its\Clips	also be accessible. I	
Password: Folder settings to autom You are able to content in this fir folders can be a Access media content i C: Documents and Se C:Documents and Se	add folders and access your older" option. All subfolders of added to this list. n this folder: titings\Freeman\My Documer titings\Freeman\My Documer	media content throu ontaining media will its\Clips its\My Music	also be accessible. I	Up to 10
Password: Folder settings to autom You are able to content in this fir folders can be a Access media content i C:\Documents and Se C:\Documents and Se	add folders and access your older" option. All subfolders co added to this list. n this <u>fo</u> lder: ttlings\Freeman\My Documer	media content throu ontaining media will its\Clips its\My Music	also be accessible. I	Up to 10
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4. Go to "Access control settings".

art and Stop	the Server	Access Control Settings	Firewall	Other			
😸 this (🗌 Make it	computer. possible for	llowing settings to make il other devices on your ne	twork to ac	cess this	computer -		cess
Devices ac devices wł	cessing this	vall is enabled, you must : s computer are automatic is "Allowed" can connect k:	ally added t	othe "De	evices on the		000
	Device	1975	Date		MACA	-11	
Status	Device		Date		0.000	ddress	
	llow	Do not Allow		Rename		ddress Delete	
A	llow	Do not Allow					
Click Regio	llow ster to add c		ered device			Delete	
Click Regis	llow ster to add c	levices to the list of regist	ered device	es manua	lly.	Delete Register	
Click Regist Automa	llow ster to add c tically allow new devic	levices to the list of regist	ered device	es manua omatically	lly.	Delete Register	

5. Select "Allow other peripherals in the network to access this computer".

	VAIO Media Console	
	Start and Stop the Server Access Control Settings Firewall Other	
	Configure the following settings to make it possible for other devices on your network to acc this computer.	ess
	Make it possible for other devices on your network to access this computer	
	Note: If Windows Firewall is enabled, you must select the option on the Firewall tab.	
	Devices accessing this computer are automatically added to the "Devices on the network" list. Or	ıly
	devices whose status is "Allowed" can connect to the server.	
	Devices on the network: [Allowed devices: 0.	/ 20]
	Status Device Date MAC Address	1
	Allow Do not Allow Rename Delete Click Register to add devices to the list of registered devices manually. Register Automatically allow new devices to connect When a new device is added to the list, its status is automatically set to "Allowed". Display a message when a new device attempts to access this computer When a new device is added to the list, a message is displayed asking whether the new device	
-	Version OK Cancel Apply TTENTION### will appear. VAIO Media Console - Warning	Help
	Please read the following warning. ### Warning ### Granting access from other computers on the network may make	-
	 Granting access from other computers on the network may make your computer susceptible to access by unauthorized third parties, depending on the configuration you select for your Internet connection. Such access by unauthorized third parties may result i stored data being copied, over written, or destroyed. To minimize such risks, please register the computer(s) which you wish to authorize access to the server. In case you are using secured network (e.g. not connecting Internet using a router properly set to connect to Internet), such registration process may be omitted at your own risk. For details, point to All Programs - VAIO Media - Server Administration on the Windows Start menu and click Readme to open the Readme file. 	n

6. Click "OK".

Another message will appear



- 7. Confirm with "OK" and select "Automatically allow all new peripherals to connect".
- 8. Click on "Firewall"

	-		
and Stop the Server Access Control	Settings Fir	ewall Other	
Access this computer from other devices	through Win	dows Firewall	
		o set the following, after setting to uter on the Access Control Setting	
Windows Firewall Status:	Enable		
Allow other devices on the network t	to access the	server	
* If you check the box, the services the Firewall exception list.	VAIO Media	server uses will be added to the W	ïndows
Port information			
The VAID Media server will use the follo	wing ports:		
Service	Port	Protocol	
JOI NOC			
[VAID Media] SNAC Server (TCP)	3536	TCP	
[VAID Media] SNAC Server (TCP) [VAID Media] SNAC Server (UDP)	3536	UDP	
[VAID Media] SNAC Server (TCP) [VAID Media] SNAC Server (UDP) [VAID Media] UPnP Server (SSDP)	3536 1900	UDP UDP	
[VAID Media] SNAC Server (TCP) [VAID Media] SNAC Server (UDP)	3536	UDP	
[VAIO Media] SNAC Server (TCP) [VAIO Media] SNAC Server (UDP) [VAIO Media] UPnP Server (SSDP) [VAIO Media] HTTP Server (HTTP)	3536 1900 51712	UDP UDP TCP	
[VAIO Media] SNAC Server (TCP) [VAIO Media] SNAC Server (UDP) [VAIO Media] UPnP Server (SSDP) [VAIO Media] HTTP Server (HTTP)	3536 1900 51712	UDP UDP TCP	
[VAIO Media] SNAC Server (TCP) [VAIO Media] SNAC Server (UDP) [VAIO Media] UPnP Server (SSDP) [VAIO Media] HTTP Server (HTTP)	3536 1900 51712	UDP UDP TCP	
[VAIO Media] SNAC Server (TCP) [VAIO Media] SNAC Server (UDP) [VAIO Media] UPnP Server (SSDP) [VAIO Media] HTTP Server (HTTP)	3536 1900 51712	UDP UDP TCP	
[VAIO Media] SNAC Server (TCP) [VAIO Media] SNAC Server (UDP) [VAIO Media] UPnP Server (SSDP) [VAIO Media] HTTP Server (HTTP)	3536 1900 51712	UDP UDP TCP	
[VAIO Media] SNAC Server (TCP) [VAIO Media] SNAC Server (UDP) [VAIO Media] UPnP Server (SSDP) [VAIO Media] HTTP Server (HTTP)	3536 1900 51712	UDP UDP TCP	
[VAIO Media] SNAC Server (TCP) [VAIO Media] SNAC Server (UDP) [VAIO Media] UPnP Server (SSDP) [VAIO Media] HTTP Server (HTTP)	3536 1900 51712	UDP UDP TCP	

9. Select "Allow other peripherals in the network to access the server", and on the following message confirm with "YES".

			-				
art and Stop the Server Access Cont	rol Settings	Firewall	Other				
Access this computer from other devi Access this computer from other devi- f Windows Firewall is enable devices on your network to a	d, you will nee	ed to set	the foll	owing, aft			er
Windows Firewall Status:	Enable						
Allow other devices on the netwo	ork to access	the serve	er				
* If you check the box, the services t Firewall exception list.	the VAIO Mec	lia server	r uses v	vill be add	ed to the ^v	Windows	
) Media Console							
This program allows access to network. Please understand th							
				m open t			
	Yes 1900 1900 151712	eave you	ur syste No)P ;P	m open t			
VAIO Media] UPnP Server (SSDP) [VAIO Media] HTTP Server (HTTP)	Yes 1900 1900 151712	eave you	ur syste No)P ;P	m open t			
VAIO Media] UPnP Server (SSDP) [VAIO Media] HTTP Server (HTTP)	Yes 1900 1900 151712	eave you	ur syste No)P ;P	m open t			

- 10. Click on the section "Other" and select the options:
- "High quality"
 "Run VAIO Media Console at start of the system"

tart and Stop the Server	Access Control Settings Firewall Other
MPEG2 conversion	
	or converting video to MPEG2 when sending non-MPEG2 video to a client quality requires greater computing resources. If video does not play properly, quality setting.
💿 High Quality	
When converting v	rideo, maintain as high a picture quality as possible.
O Standard Quality	
Lower picture quali when converting.	ty and smaller file size than High Quality, requiring less computing resources
O Do not convert	
	n-MPEG2 video to MPEG2 when sending content. Only video whose t is supported by the client device can be played by the client device.
VAIO Media Console ru	intime settings
When VAID Mithe Windows T	edia Console is running, the status of the server is indicated in askbar Notification Area.
🔽 Run VAIO Media C	Console on system startup
	ox for VAIO Media Console to start when the computer starts up and for an icon he Notification Area.
Allow VAIO Media	Console to run after the window is closed
	le continues to run in the Windows Taskbar Notification Area after the VAIO

11. In order to implement the changes made so far select "Apply".

The system restarts the server for the modification of the applications.

Start and Stop the Server Access Control Settings Firewall Other	
MPEG2 conversion	
Picture quality setting for converting video to MPEG2 when sending non-MPEG2 device. Higher picture quality requires greater computing resources. If video does select a lower picture quality setting.	
High Quality	
When converting video, maintain as high a picture quality as possible.	
🔿 Standard Quality	
Lower picture quality and smaller file size than High Quality, requiring less comp when converting.	outing resources
O Do not convert	
Do not convert non MDEC2 video to MDEC2 video sonding content. Only video	na juhana
The servers are being restarted in order to change the	settings
When VAID Media Console is running, the status of the server is indicated the Windows Taskbar Notification Area.	in
	in
the Windows Taskbar Notification Area.	
 Windows Taskbar Notification Area. Run VAIO Media Console on system startup Select the check box for VAIO Media Console to start when the computer star 	
 the Windows Taskbar Notification Area. Run VAID Media Console on system startup Select the check box for VAID Media Console to start when the computer start to be displayed in the Notification Area. 	ts up and for an icon

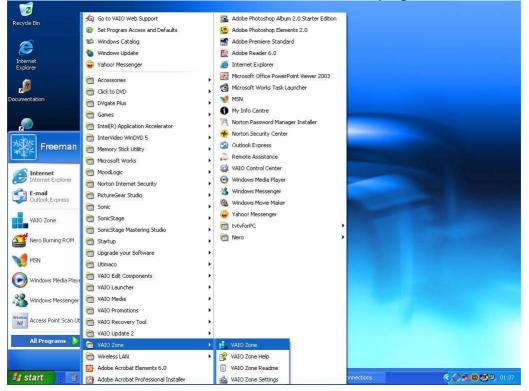
12. Confirm with "OK".

tait and stop the server	Access Control Settings	Firewall	Other	
MPEG2 conversion				
	quality requires greater co			non-MPEG2 video to a client If video does not play properly,
💿 High Quality				
When converting	video, maintain as high a p	icture quali	ity as pos	sible.
O Standard Quality				
	ity and smaller file size thar	n High Qua	ility, requi	iring less computing resources
O Do not convert				
	n-MPEG2 video to MPEG2 at is supported by the client			
VAIO Media Console ru	untime settings			
	edia Console is running, th "askbar Notification Area.	e status of	the serve	er is indicated in
🔽 Run VAIO Media (Console on system startup			
	oox for VAIO Media Consol he Notification Area.	e to start w	hen the	computer starts up and for an icon
Allow VAIO Media	Console to run after the wi	ndow is cle	osed	
VAIO Media Conso Media Console wir		√indows T	askbar N	Notification Area after the VAID

Configuration of Vaio Zone - 7

Configuration of TV Tuner - A

1. From START, ALL PROGRAMMES, VAIO ZONE, launch the programme "Vaio Zone".

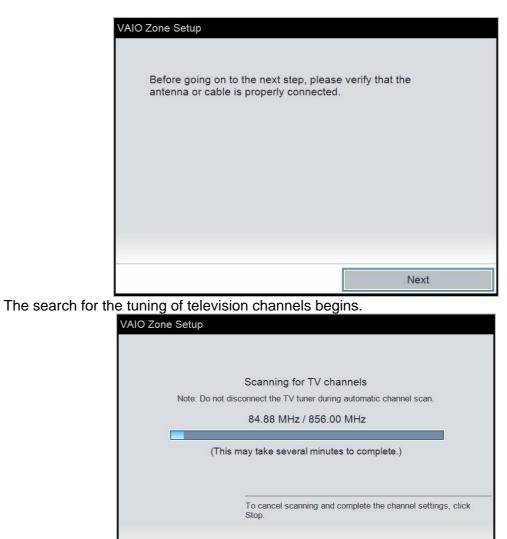


The first time you launch the programme a guided procedure will be launched. This will allow you to correctly configure "Vaio Zone".





The system will request to check that there is a connection with the TV antenna and, once checked, click "Next".



Stop

An indicator will display the status of the channels search.

Without clicking "Stop", wait until the system has completed the search and displays a summary of the television channels tuned.

133.31 MHz 140.31 MHz	
140.31 MHz	
147.31 MHz	L
154.31 MHz	
161.31 MHz	
168.31 MHz	
175.31 MHz	
182.31 MHz	
203.31 MHz	
	161.31 MHz 168.31 MHz 175.31 MHz

3. Select "Next"

A window will appear to remind you that the "TvTv" software is pre-installed in your VAIO. This software allows the remote-recording of television programmes.

VAIO Zone Setup	
tvtv Electronic Program	n Guide
	tvtv takes your VAIO's TV functions to a new level. Never miss your favourite TV programs again, by remote-recording it via the internet onto your TV tuner-equipped VAIO. The tvtv Interactive Programme Guide gives you a comprehensive overview of what's on. Remote-recordings are automatically synchronised with your VAIO, wherever you happen to be at the time. The tvtv for PC application is already on your VAIO, all you need to do is install it. Please go to "Start > All Programs > tvtv Electronic Programme Guide > Welcome to tvtv" for more information.
	Next

4. Select "Next"

The "Vaio Zone" software uses a pre-defined folder in which all the A/V multimedia contents can be registered.

Consequently, by means of the Network Media Receiver, it will be possible to gain easy access to the contents of that folder through the TV itself.

A window will appear reminding you that it is nevertheless possible to add or to modify folders at a later stage.

VAIO Zone Setup
With VAIO Zone, you can import pictures from a memory card and music from an audio CD. You can also view videos and pictures and listen to music stored on the hard disk by saving them to the following folders. You can change the folders later. (You must log on to a computer administrator account to change the folders.)
Finish

5. Select "End"

6. A window will appear asking if you wish to allow other users to see the folder contents. Choose "YES".



After the TV channel tuning is over, the "Vaio Zone" programme will allow you to access the television channels previously stored.

B - Modification of the System Firewall Settings

Vaio Zone can operate in the network, by allowing the sharing of audio/video contents among PCs connected in a network and act as a server towards analogical devices (TV, Hi-Fi) connected to them through the Network Media Receiver. The Network Media Receiver is an intermediary for those connections.

To make it happen, it is necessary that the programme can operate undisturbed, without the intervention of the Firewall of the operating system which considers it a threat which tries to undermine, from outside, the security of the PC or of the network of which it forms a part. For this reason, the software automatically allows to modify the settings of the System Firewall, thus preventing any intervention whatsoever from affecting Vaio Zone in its functions.

When the TV programme tuning procedure is completed, as described in the previous section, on the screen of your PC, besides the user interface of the software, a window will open which will ask you to allow the modification of the settings of the Firewall so as to access the server by means of the Network Media Receiver.

1. Select "YES"

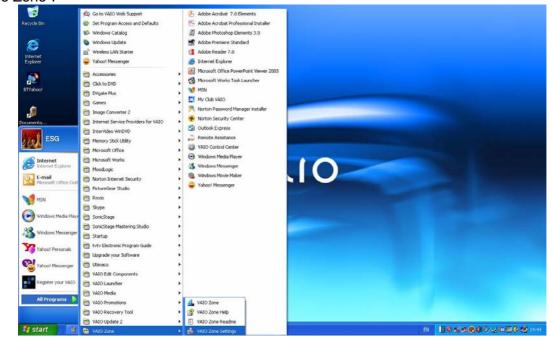
Confirm Fire	ewall Settings
	The current settings for the Windows Firewall will not allow access to content on the home network.
)	Do you want to change these settings to allow you to access servers?
	Note: Click Yes to change the settings for all active network connections using Windows Firewall function. Please understand that you may leave your system open to unauthorized access with this operation. For details, please refer to the Help file.
	Do not display this dialog box again
	Yes No

2. Select "OK" to confirm the choice.



<u>C – Organisation of TV channels</u>

At any time, the user can reorganise and rename the tuned TV channels in Vaio Zone, accessing them from START, ALL PROGRAMMES, VAIO ZONE, and selecting "Settings of Vaio Zone".



A window will open showing a summary of all the main settings of Vaio Zone.

1. Select "TV (Channel settings)".

Settings		×
Settings	General Sound effects and animation Image: Use gound effects Image: Use gnimation On screen display Image: Always on top in window mode Content to display when VAIO Zone starts Image: Resume playback	×
	OK Cancel Help	

2. In the window which will open, enter the chosen name for the channel selected and confirm with "OK".

Settings		X
General	General	
Personalize	Modify Channel X	
⊡- TV (Channel se i TV recordir Music	Use these settings to modify channels.	
Pictures	Receiver channel : 10 Previous	
⊡-CD CD recordir ⊡-DVD playback	Channel Name : TELE VAIO Next	
- Audio outpu - DVD creation ⊡-Network	Receiver gand : TV TUNER	
Firewall	IV standard : PAL B/G	
	Location : Netherlands, Spain, Switzerland, Austria,	
	Germany, Italy	
	Erequency : 196.31 💭 MHz	
	Direction : Up Tune	
	OK Cancel Help	
	OK Cancel Help	

At this point the channel will have the name chosen by you, but its position within the list of channels will be the same as the original one.

The programme allows you to rearrange the sequence of channels according to your preference.

3. By clicking on the buttons "move up" and "move down", it is possible to change the sequence of channels according to your own liking and requirement.

Channel settings Channel list: Channel 1 2	Channel Name 133.31 MHz		
Channel 1			
1			-
	133 31 MHz		Add
2	100.01 10112		
-	140.31 MHz		Modify
3	147.31 MHz		Mouny
4	154.31 MHz		-
5	161.31 MHz		Remove
6	168.31 MHz		
7	175.31 MHz		
8	182.31 MHz		
9	189.31 MHz		
10	TELE VAIO		
11	203.31 MHz		
12	210.31 MHz		
13	217.31 MHz		
14	224.31 MHz		
15	231.31 MHz		Move Up
16	238.31 MHz		move op
17	245.31 MHz		
18	252.31 MHz		Move <u>D</u> own
		Refresh (Channel List
	6 7 8 9 10 11 12 13 13 14 15 16 16 17	6 168.31 MHz 7 175.31 MHz 8 182.31 MHz 9 189.31 MHz 10 TELE VAIO 11 203.31 MHz 12 210.31 MHz 13 217.31 MHz 14 224.31 MHz 15 231.31 MHz 16 238.31 MHz 17 245.31 MHz	6 168.31 MHz 7 175.31 MHz 8 182.31 MHz 9 189.31 MHz 10 TELE VAIO 11 203.31 MHz 12 210.31 MHz 13 217.31 MHz 14 224.31 MHz 15 231.31 MHz 16 238.31 MHz 17 245.31 MHz 18 252.31 MHz

4. Confirm with "OK" and exit the programme.

⊡-General └──Content	TV (Channel setti			
Personalized menus	Channel settings			
- TV (Channel settings) └── TV recording	Channel list:			
Music Pictures	Channel	Channel Name		Add
E-CD	1	TELE VAIO		<u></u>
L. CD recording	2	133.31 MHz		han alian
- DVD playback	3	140.31 MHz		Modify
Audio output	4	147.31 MHz		10 33
DVD creation	5	154.31 MHz		Remove
- Network	6	161.31 MHz		
Firewall	7	168.31 MHz		
	8	175.31 MHz		
	9	182.31 MHz		
	10	189.31 MHz		
	11	203.31 MHz		
	12	210.31 MHz		
	13	217.31 MHz		
	14	224.31 MHz		
	15	231.31 MHz		Move Up
	16	238.31 MHz		
	17	245.31 MHz		
	18	252.31 MHz		Move <u>D</u> own
			Definely C	hannel List
			Regreshic	nannei List
		ок	Cancel	Help

8 - Deactivation of Norton Internet Security

If the protection against external intrusions into the system has been activated (Norton Internet Security), it is necessary to deactivate it, so that this finally does not impede the connection between the computer VGC-RA304 and the Network Media Receiver device (VGP-MR100E).

Dragging the mouse pointer onto the icon "Norton Internet Security" located in the Windows toolbar on the bottom-right corner of the screen, right click and select "Deactivate Norton Internet Security".



Configuration of the Network Media Receiver - 9

Configuration of the Network Media Receiver (VGP-MR100E)

Ensure that the unit is connected to the TV as described in the section "Connect the Network Media Receiver to the television or to the video recorder".

1. Switch on the television and go to the video input to which the Network Media Receiver is connected.

2. Pressing the green button marked "POWER" on the remote control (RM-NM100E), switch on the Network Media Receiver unit. The following screen will appear.



3. Press the button marked "OPTIONS" on the remote control (RM-NM100E). This screen will appear.

OPTIONS		
Return	†	
System Settings		
Refresh	+	

Note that the system is set up for the English language. It is possible to modify this option, as described in the next section.

B – Changing the language of the system

1. From the "System settings" screen, by means of the directional arrows on the remote control, select "Language Settings". Confirm with the "SELECT" button.

*	ТV Туре	
****	Network Settings	
	Playback Preference	
	Firmware Update	
*	Default Settings	
	System Information	+
-	Language Setting	

2. A screen will appear on which the word "English" is selected. By using the directional arrows on the remote control, select "English" and press the "SELECT" button to confirm.

🖏 System Settings	
Language Setting	-
English	
O French	
O German	
O Italian	
OK Cancel	
SELECT Select RETURN Return	

3. Go to "OK" and confirm with the "SELECT" button on the remote control.

ಲ್ರ	System Settings
*	Language Setting
	French German
SELEO	CT :Select RETURN :Return

You will be back to the main screen for "System Settings", which is now renamed, in accordance with the chosen language.

Modification of the TV settings - C

The system gives the possibility to set the video quality for the Network Media Receiver according to the type of television set available, either traditional (cathode ray tube) or digital (LCD or plasma).

1. By pressing the "OPTIONS" button on the remote control, the main screen for "System settings" will appear; by means of the directional arrows select the item "TV type" and confirm with the "SELECT" button.

-	TV Type	
*	Network Settings	
*	Playback Preference	
*	Firmware Update	
*	Default Settings	
*	System Information	
*	Language Setting	

- 2. In the case of a traditional TV set (with cathode ray tube) select
- > Standard Definition TV

Otherwise, in the case of a plasma or LCD television, select

> High Definition TV

then confirm your choice with the "SELECT" button.

S)	System Settings
*	TV Type
0	
	↑ OK → Cancel
SELE	CT :Select (RETURN):Return

3. Go to "OK" and confirm with the "SELECT" button on the remote control. The system will ask you if you wish to keep the new settings. Select "OK" and confirm with "SELECT".

	System Settings TV Type
	Do you want to keep these settings?
	Reverting in 15 seconds.
	OK Cancel
L	ELECT) :Select (RETURN) :Return

Modification of network settings - D

By pressing the "OPTIONS" button on the remote control, the main "System settings" screen will appear; by means of the directional arrows select the option "Network settings" and confirm with the "SELECT" button.

	TV Type	
	Network Settings	
*	Playback Preference	
*	Firmware Update	
*	Default Settings	
*	System Information	
*	Language Setting	
**	System Information	

In the following screen it is possible to select:

- > Network type
- > IP address
- > LAN Wireless Configuration
- 2. With the "SELECT" button on the remote control, select "Network type".

🖏 System Settings	
Network Settings	
Network Type	
IP Address	
Wireless LAN Configurations	
SELECT) :Select (RETURN) :Return	

Two types of networks are contemplated and it is therefore possible to choose between two modes:

> Wired LAN, that is a direct connection between the Network Media Receiver and the PC, through an Ethernet cable (included in the package).

> Wireless LAN, that is a wireless connection between an Access Point (PCWA-A320) connected to your Vaio PCV-RA304 and the Network Media Receiver.

System Settings	
Network Type Wired LAN Wireless LAN	
OK	Cancel

3. By means of the directional buttons on the remote control, select the wireless LAN option and confirm with the "SELECT" button.

A message will inform you that the new settings will come into effect only after the Network Media Receiver has been switched off, and then switched on again.



4. Confirm with the "SELECT" button on the remote control.

The unit will automatically switch off.

5. Wait until the Network Media Receiver implements the modifications (the "STATUS" led will switch off and on quickly many times), and with the green button "POWER" on the remote control switch the unit on again, only after the "STATUS" led has definitively gone off.

6. By pressing the "OPTIONS" button on the remote control, the main "Systems settings" screen will appear; with the directional arrows select the option "Network settings" and confirm with the "SELECT" button.

7. Having returned to the "Network settings" screen, with the directional buttons on the remote control, select "IP address" and confirm with "SELECT".

🖏 System Settings	
Network Settings	
Network Type IP Address	+
Wireless LAN Configurations	+
SELECT :Select RETURN :Return	
SELECT Select RETURN Return	

A screen will appear relating to the management of the IP address.

The IP (Internet Protocol) address allows the system to assign a number to the Network Media Receiver, an address which identifies it within the network you have created, regardless of the type of network created (wired or wireless).

The existing software in the Network Media Receiver allows you to carry out the configuration, and therefore the assignment of this identification number, as you think best, with three different options:

> "Automatic assignation (with router)", for networks including a router, that is a device which, in automatic mode (DHCP, Dynamic Host Configuration Protocol), univocally assigns an IP address to the Network Media Receiver unit.

> "Automatic assignation (without router)", for networks in which, although there is no router, the Network Media Receiver will nonetheless be able to be assigned automatically an IP address, an operation which is possible thanks to an internal DHCP server. > "Manual assignation", for networks in which the user decides to assign (in a non-automatic way) an IP address to the Network Media Receiver, in accordance with the IP addresses previously assigned to other devices.

Having already chosen before to configure the Access Point (PCWA-A320) in automatic mode (DHCP) and in the event of not having a router, the second option must be selected.

8. Using the directional arrows on the remote control, select the option "Automatic assignation (without router)" and confirm with "SELECT".

🖏 System Settings
Network Settings
IP Address Automatic assignment (using router) Automatic assignment (not using router) Manual assignment
Current Settings IP Address: <u>169</u> .254.59.107 Subnet Mask: <u>255</u> .255.0.0
OK Cancel
SELECT Select (RETURN) Return

9. Using the directional arrows on the remote control, select "OK" and confirm with "SELECT".

🖏 System Settings
Network Settings
IP Address Automatic assignment (using router) Automatic assignment (not using router) Manual assignment
Current Settings IP Address: <u>169</u> . <u>254</u> . <u>59</u> . 107 Subnet Mask: <u>255</u> . <u>255</u> . 0. 0
SELECT :Select RETURN :Return

A message will inform you that the new settings will come into effect only after the Network Media Receiver has been switched off, and then switched on again.

Change	of Settings
	Network settings have been changed.
New set	ttings will take effect after device is turned
	on again.
Press C	0K button to restart.
	OK

10. Confirm with the "SELECT" button on the remote control. The unit will switch off automatically.

11. Wait until the Network Media Receiver implements the modifications (the "STATUS" led will switch off and on quickly many times) and, with the green button "POWER" on the remote control, switch the unit on again, only after the "STATUS" led has definitively gone off.

12. By pressing the "OPTIONS" button on the remote control, the main screen "System settings" will appear; using the directional arrows, select the option "Network settings" and confirm with the "SELECT" button.

2	System Settings	
*	Network Settings	
		-
	Network Type	
	P Address	
	Wireless LAN Configurations	
SELE	CT :Select (RETURN):Return	

13. Returning to the "Network settings" screen, by using the directional arrows on the remote control, select "Wireless LAN configuration" and confirm with "SELECT" (as shown in the image above).

The screen below will appear. This will allow you to configure the Network Media Receiver so that it becomes part of the same wireless network previously created during the configuration of the Access Point (PCWA-A320).

As you will notice, the page contains the same options which have already been examined and configured earlier on for the Access Point and to which you should refer.

In fact, all the devices which have to belong to the same WLAN (wireless network), must necessarily have the same SSID (Service Set Identifier), only in this way will the different pieces of equipment be able to communicate among themselves.

🖏 System Settings	
Network Settings	
Wireless LAN Config	urations
SSID Security Key Length Key Format Index Key Phrase	Off * 40 (64) ASCII 1
ОК	Cancel
SELECT Select RETUR	Return

14. Using the directional arrows on the remote control, go to "SSID" and confirm with "SELECT".

A screen will appear with a virtual keyboard, with which the same SSID already chosen during the configuration of the Access Point can be entered.

Having previously chosen an SSID composed of characters in block capital (DIGITAL), it will be necessary to activate the "block capitals" key first (the ABC case).

15. Using the directional arrows on the remote control, select "ABC" on the left hand side of the virtual keyboard and confirm by pressing "SELECT".

	🖏 System Settings
	SSID Number a b c d e f g h BS
	abc i j k l m n o p Clear ABC q r s t u v w x Space Symbol y z
	OK Cancel
(SELECT :Select (RETURN):Return

15. It is now possible to enter on the keyboard, confirming every single character entered with "SELECT", the same word which has already been chosen as SSID for the Access Point (that is DIGITAL).

🖏 System Settings
SSID DIGITAL
Number A B C D E F G H BS
abc IJKLMNOP Clear
ABC Q R S T U V W X Space
Symbol Y Z
OK Cancel

16. With the "SELECT" button select "OK" to confirm the setting.

The system will go back to the main "Wireless LAN configuration" page and, at this point you will note that the name which has been assigned to SSID is registered.

System Settings	
Wireless LAN Config	urations
SSID Security Key Length Key Format Index Key Phrase	DIGITAL Off ◆ 40 (64) ▲ ASCII ↓
ОК	Cancel
SELECT):Select (RETU	Return

17. Using the directional arrows on the remote control, go to the option "Protection" and press the "SELECT" button.

The button becomes blue.

System Settings	
SSID Security Key Length Key Format Index Key Phrase	DIGITAL Off 40 (64) ASCII 1
OK SELECT :Select RETU	Cancel

18. Using the directional arrows on the remote control, modify the content by selecting "WEP" (Wired Equivalent Privacy) and confirm with the "SELECT" button.

 System Settings Network Settings Wireless LAN Config 	
SSID Security Key Length Key Format Index Key Phrase	DIGITAL WEP 40 (64) ASCII 1
ОК	Cancel
SELECT Select RETUR	Return

The button will once again become blue.

19. In accordance with whichever choice has been made for the Access Point, confirm the three following items.

- > "Key length", leave unchanged 40 (64)
- > "Key format", leave unchanged ASCII
- > "Index", leave unchanged

The final remaining option "Key phrase" corresponds to the password used to access the network, a password chosen earlier on during the Access Point configuration with the option "Wep key" (see "Configuration of the Access Point" 5 B).

20. Using the directional arrows on the remote control, go to "Key phrase" and press the "SELECT" button.

System Setting	
Wireless LAN Cor	
SSII Securit Key Lengt Key Forma Inde Key Phras	y WEP h 40 (64) at ASCII × 1 ▲
ОК	Cancel

The same screen seen before representing a virtual keyboard will appear.

Having chosen already via the Access Point a "Key phrase" composed of characters in block capital (SETUP), it will be necessary to activate the "block capitals" key first (the case ABC).

21. Using the directional arrows on the remote control, select the case "ABC" on the left hand side of the virtual keyboard and confirm by pressing "SELECT".

Key Phrase								
Number	a i	b c j k] d	e m	f n	g o	h [p [BS Clear
ABC Symbol	q y	r s z] <u>t</u>	u	V	w	x	Space
		OK			Г	С	ancel	

22. It is now possible to enter on the keyboard, confirming every single character with "SELECT", the same word which has been chosen as "Wep key" on the Access Point (that is DIGITAL).

Key Phras	e
Number abc ABC Symbol	A B C D E F G H BS I J K L M N O P Clear Q R S T U V W X Space Y Z
Symbol	YZ OK Cancel

23. With the "SELECT" button select "OK" to confirm the setting.

The system will go back to the main page for "Wireless LAN Configuration", and you will note at this point that asterisks have been inserted to conceal the "key phrase".

🖏 System Settings	
Network Settings	
Wireless LAN Config	urations
SSID Security Key Length Key Format Index Key Phrase	DIGITAL WEP 40 (64) ASCII 1
OK	Cancel
SELECT Select RETUR	Return

If all the data entered in this section are correct, the entire process can be confirmed by selecting "OK" and by pressing the "SELECT" button.

24. A message will inform you that the new settings will come into effect only after the Network Media Receiver has been switched off, and switched on again.

System Settings Network Settings Wireless LAN Config	urations
SSID Security Key Length Key Format Index Key Phrase	DIGITAL WEP 40 (64) ASCII 1
SELECT :Select RETUR	Cancel



25. Confirm with the "SELECT" button on the remote control.

The unit will switch off automatically.

26. Wait until the Network Media Receiver implements the modifications (the "STATUS" led will, switch off and then quickly switch on again many times).

Using the Network Media Receiver - 10

Finding the Server - A

1. With the green "POWER" button on the remote control, switch on the unit, only after the "STATUS" led has definitively gone off.

The "Wireless" led on the unit will switch on, as evidence of the successful creation of the wireless network (if you have chosen to create a wireless LAN).

The screen with the user interface will appear on the TV.

Select a server	
	0/0
SELECT Select OPTIONS Settings	

2. Press the "OPTIONS" button on the remote control (RM-NM100E). A short list will appear with three alternatives, go to "Updates" and press the "SELECT" button.

Select a server	
OPTIONS Return System Settings	
	0/0
SELECT Select OPTIONS Settings	010

The system updates itself, and at this point it will find the server adding it to the list of available servers.

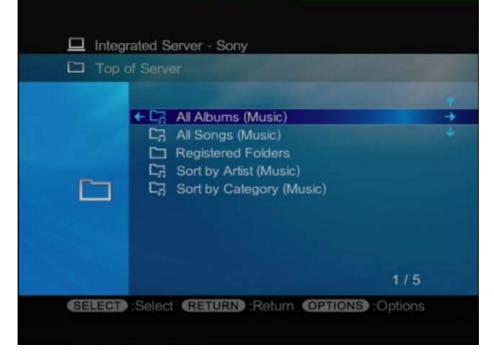


N.B. The name that appears in this list is the same name assigned to the PC following this procedure:

- > Right click on the icon "My Computer"
- > Select the option "Properties"
- > Select "Computer name"
- > Go to "Change"
- > Change the name of the PC and confirm with "OK"
- > Restart the PC to bring into effect the new settings.

3. Press the "SELECT" button on the remote control (RM-NM100E). The main window of the Integrated Server "Sony" (your VGC-RA304) will appear.

In this page are displayed all the folders whose contents, through Network Media Receiver, can be shared on the television or in the Home Cinema system.



The system allows the storage of multimedia contents within:

> "Registered folders", that is those folders which have been installed by means of "Vaio Media Console" (see 6B "setting of the folders for multimedia content").

> "Organise by artist (music)", that is a folder where audio contents are organised by artist; In fact, if the user chooses to use programmes such as "SonicStage", they can import (from the Internet, from CD, etc.) and organise the tracks by artist on the PC's hard disk, and "Vaio Zone" can show the same organization.

"Organise by category (music)", that is a folder where the audio contents are organised by category; in fact, if the user chooses to use programmes such as 'SonicStage", they can import (from the Internet, from CD, etc.) and organise the tracks by category on the PC's hard disk, and "Vaio Zone" can show the same organisation.

> "Recordings with timer", that is a folder in which the contents are television recordings made using the "TIMER" function of "Vaio Zone".

> "Recorded Video", that is a folder in which the contents are television recordings on hard disc in "Mpeg2" format, the so-called "video capsules", made using "Vaio Zone".

Registered folders - B

From the main screen of the integrated Sony server it is possible to choose, among the others, the option "Registered folders".

Within the screen "Registered folders", a new list of options will be displayed which correspond to the folders automatically shared by the "Vaio Media Console" and "Vaio Zone" programmes:

- > "Contents"
- > "Documents"
- > "Samples"
- > "VAIO Sample"

Besides these four main options, there are those folders installed by the user via "Vaio Media Console" (see 6B "Setting of folders for multimedia content"):

- > "Personal photo album"
- > "Clips"
- > "My favourite songs"

Using the directional arrows and the "SELECT" button of the remote control, to confirm the choice, it is possible to display their content on the television and therefore access them from the TV, instead of listening to them through the Hi-Fi or Home Cinema system.

One example of the displayed folders can be found in the following picture.

Integr My P	rated Server - Sony	
	 king01.bmp king02.bmp kink1.bmp kink2.bmp Personal photo album 	+ + +
		5/5
SELECT	Select (RETURN):Return (OPTIONS	:Options

C – Examples of use of the Network Media Receiver browser

After having correctly configured the system for the wireless unit, the use of the browser is extremely simple and quick. Below are shown a few examples of usage.

1. DISPLAY A PICTURE (Jpeg, Gif, Png, Tiff, Bmp)

From the initial screen "Integrated Server-Sony", select "Registered folders" and press "SELECT", select "Personal photo album" and press "SELECT", then on the new screen choose one of the files and confirm your choice with "SELECT". The picture will appear full-screen.



2. PLAY A CLIP (Mpeg1e 2, Divx, Wmv, DV-AVI-HDV)

From the initial screen "Integrated Server-Sony", select "Registered folders" and press "SELECT", select "Clips" and press "SELECT", then on the new screen choose one of the files and confirm your choice with "SELECT". The image will appear full-screen.



3. LISTEN TO A SONG (Atrac3, Atrac3Plus, Wave, Mp3, Wma)

From the initial screen "Integrated Server-Sony", select "Registered folders" and press "SELECT", select "Clips" and press "SELECT", then on the new screen choose one of the files and confirm your choice with "SELECT". A final screen will appear in which, if you have used "SonicStage" to import the files to the PC, it is possible to combine a picture to use as an album cover.

C7, All Son ← □ Registe C7, Sort by		My Music REPLY SOIA Solarike Of Hope The Sprint That Guides Us the hope conspiracy	
	3/5	15	
(SELECT) Select (RETU	RN :Return (OPHIONS) :Options	GELECT) Select GETURN Rotum GRIDNS OF	tion
Integrated Server - \$	Sony	Integrated Server - Sony	
Integrated Server - S	Sony 1 01-the_hope_conspirac. 1 02-the_hope_conspirac. 1 12-the_hope_conspirac. 2 Deadman 1 Fading Signal 1 Fading Holocaust 1 Just A Lie 4/12	Integrated Server - Sony the hope_conspiracy/departs. Of-the hope_conspiracy/departs. Of-the hope_conspiracy/defarts. Of-the hope_conspiracy/defarts. Of-the hope_conspiracy/defarts. Defarts.	
Integrated Server - S	D 01-the_hope_conspirat_		

<u> 11 – Use of Vaio Zone</u>

A – Playing TV

1. From START, ALL PROGRAMMES, VAIO ZONE, select "Vaio Zone". The "Vaio Zone" software will be launched.



2. Once launched, a screen like the following will appear. Select "TV".



3. A third screen will appear with various options:

> "Live TV", that is the possibility of viewing television programmes live by means of the RF input.

> "External input", that is the possibility of viewing data originating from external units (Video cameras, VHS or DVD readers, etc.).

> "Recording with timer", that is the possibility of recording "video capsules", clips in Mpeg2 format.

> "Recent recordings", that is the possibility of immediately accessing "video capsules", recently recorded.

> "All recorded TV programmes", that is the possibility of immediately accessing all video recordings previously made.

> "Not played", that is the possibility of immediately accessing all recordings never played before.

> "Possible deletion", that is the possibility to delete video capsules.

"Video server", that is the possibility of immediately accessing all folders previously installed in the sharing list of "Vaio Media Console".

\sim 10					B	- & X
						
▲	Live TV	+	14	15	16	17
TV						-
	+		18	19	20	21
	External Input		00	00	~ ~	<u> </u>
	Timer Recording		22	23	24	25
	Recently Recorded		26	27	20	20
	All Recorded TV		26	27	28	29
	CH1					
	CH6					
	CH12					
	Not Dlavad					
T 🛨 🕈 🕈 Navigate [ENTER	R] Enter [MENU] Hide					MENU

The first time that the programme is performed, you will be asked to give confirmation to modify the settings of the Firewall so that the programme is able to work within the network without being blocked.

4. Click on "YES" and, once the message appears that the settings of the Firewall have been modified, confirm with "OK".

Confirm Fire	wall Settings
	The current settings for the Windows Firewall will not allow access to content on the home network. Do you want to change these settings to allow you to access servers? Note: Click Yes to change the settings for all active network connections using Windows Firewall function. Please understand that you may leave your system open to unauthorized access with this operation. For details, please refer to the Help file. Do not display this dialog box again



Once the Firewall settings are modified, "Vaio Zone" will tune in to the required television channel. One of the most interesting functions offered by the programme is that of recording what is being broadcast on TV. $R = e^{\frac{1}{2} \times 10^{-10}}$



Here follows a short explanation of the function:

5. Moving the mouse, or by means of the relevant button on the remote control provided with the PC, at the bottom of the screen a control bar will appear with a red dot, which, when pressed, starts the recording of the television channel.

6. In this phase, "Vaio Zone" allows you to play back what has been recorded, without interrupting the recording, by means of a control on the bar which operates only on the display and not on the recorder. On the left of the recording button, there is a small grey square with a blue arrow on the side. By pressing it, the recording will continue but what has been previously recorded will be shown.



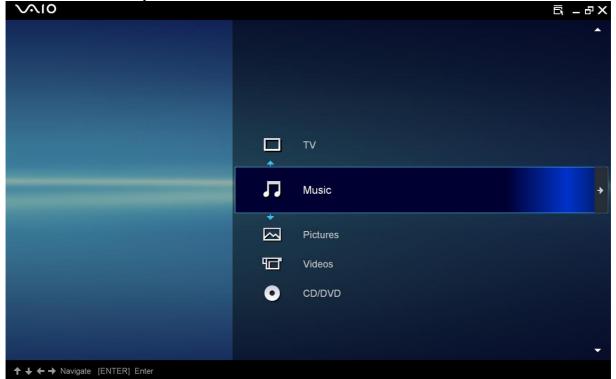
7. To terminate the recording, it is necessary to stop it with the button located to the right of the red dot, similar to the one described in point 6, but in this case red.

8. The recording is saved as a "video capsule" and it is possible to display the list of all the recordings made, and also those made previously, by going back to the TV screen and selecting the option "All recorded TV programmes".



Playing music tracks - B

1. Going back to the main programme screen, select the option "Music". Confirm with "ENTER" from the keyboard or the remote control.



2. A new screen will appear offering the possibility to organise files according to a number of modalities. Choose the one you prefer and confirm with "ENTER" on the keyboard or "ENTER" on the remote control.

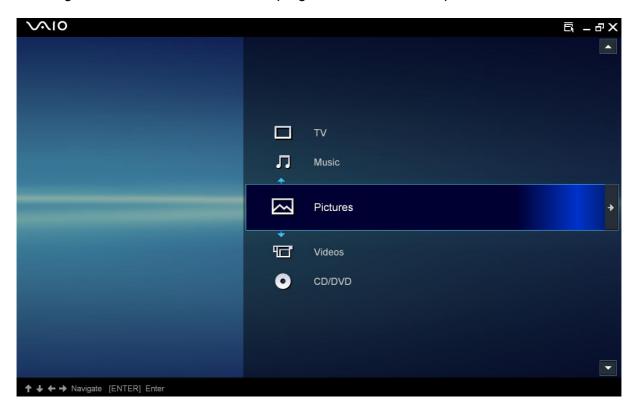


3. On the right-hand side of the screen will appear a list of the albums available. Select one and click. A screen will appear with the tracks contained in the chosen album

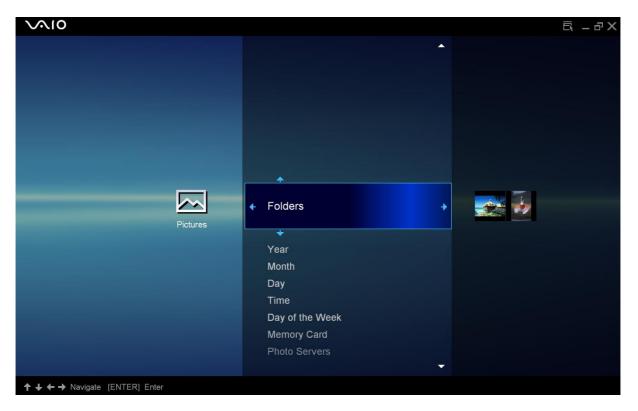
√∧10					X & _ 7
	л				03:56
TOTO	л	04.	Out Of Love	Toto	05:55
	л	05.	Georgy Porgy	Toto	04:09
	л	06.	I'll Be Over You	Toto	03:50
	л	07.	Can You Hear What I'm Saying	Toto	04:46
Past To Present 1977-1990 No. 8 Rosanna	+ л	08.	Rosanna	Toto	05:34 →
Toto	*	00			04:50
	л		I Won't Hold You Back	Toto	04:59
	л	10.	Stop Loving You	Toto	04:29
	л	11.	99	Toto	05:14
	л	12.	Pamela	Toto	05:11
	л				05:02
0:00:00 / 0:05:34					
▶			₩	↓ ↓	• +
↑	U] Content	[TOO	LS] Commands	MENI	J 🖃 TOOLS

<u>C – Playing Photos</u>

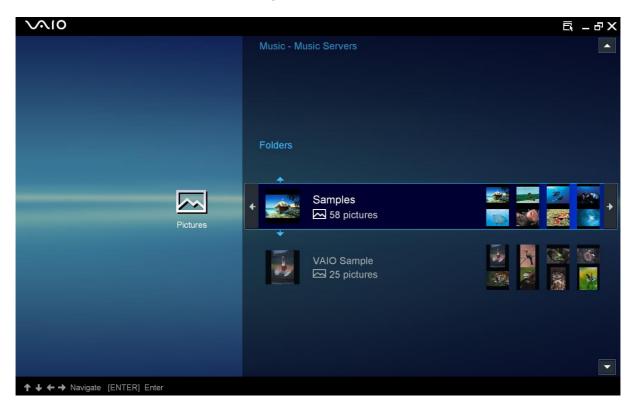
1. Going back to the main screen of the programme, choose the option "Photo".



2. A new screen will appear offering the possibility of organising files according to a number of modalities. Choose the one you prefer and confirm with "ENTER" on the keyboard or the remote control.

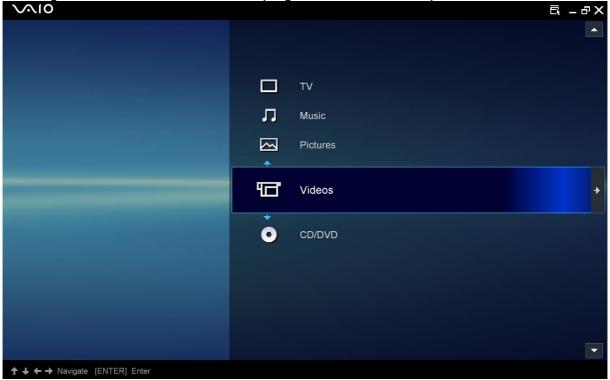


3. A list of the albums available will appear. Select one and click. The first picture in the album will appear on full screen, starting a slide show which will show all of them.

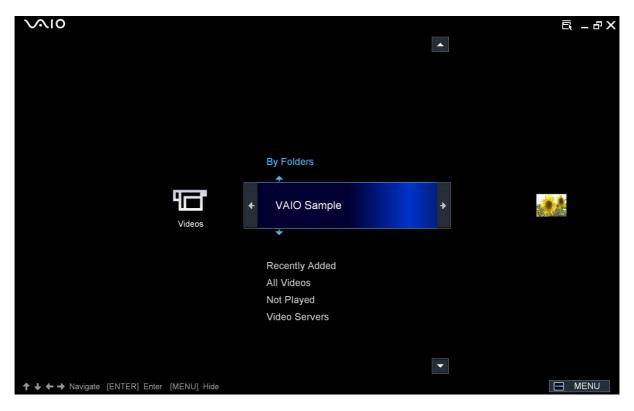


D – Playing Videos

1. Going back to the main screen of the programme, choose the option "Video".



2. A new screen will appear offering the possibility of organising files according to a number of modalities. Choose the one you prefer and confirm with "ENTER" on the keyboard or the remote control.



3. A list of the videos available will appear. Select one and click. The clip will be played on full screen.

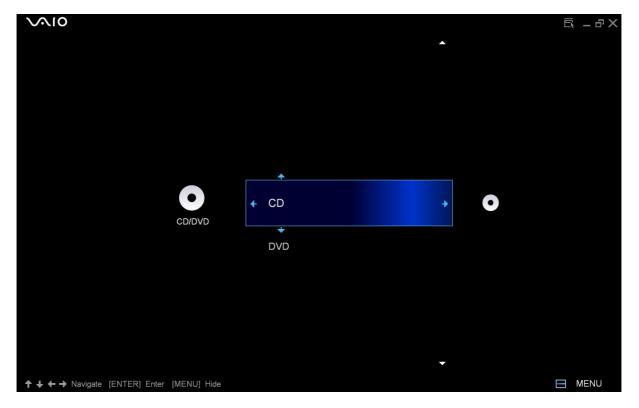


Playing CDs/DVDs - E

1. Going back to the main screen of the programme, choose the option "CD/DVD".



2. A new screen will appear offering the possibility to choose the mode (CD or DVD). Choose for example CD and confirm with "ENTER" on the keyboard or the remote control.



3. On the following screen, pressing "ENTER" on the keyboard or the remote control, it will be possible to listen to the selected CD.

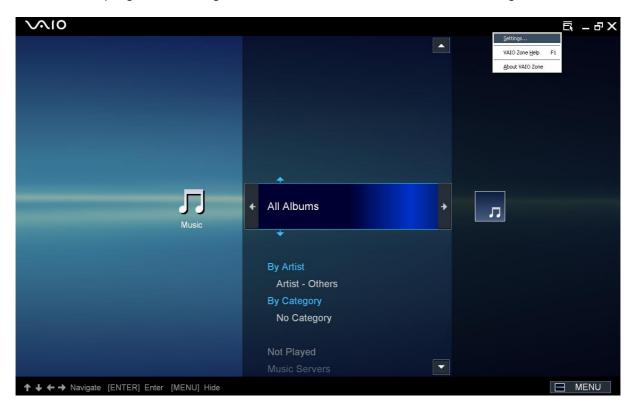


N.B. All the contents which the programme manages to display within different categories (Music, Video, etc.) are those contained in the folders shared during the set-up of "Vaio Media Console" (section 6B "Settings of folders for multimedia content").

Modification of Vaio Zone settings - F

Previously (Section 7C "Organisation of TV channels") we have seen how to change the settings of "Vaio Zone"; it is however possible to change all the settings of the programme, even when the programme is functioning.

1. With the mouse pointer, go to the icons located on the top right-hand-side corner of any screen of the programme and go on the first icon on the left. Click with the right button.



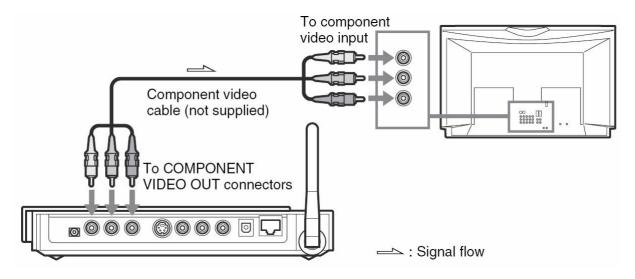
2. Select settings and click. The window seen earlier on will open. From this window, it is possible to modify all the settings of the different functions of "Vaio Zone".

General	General				
- Content - Personalized menus	Sound effects and animation				
⊡-TV (Channel settings) └─TV recording	Use sound effects				
Music Pictures EI CD	Use gnimation				
└─ CD recording ⊡- DVD playback	On screen display				
- Audio output	Always on top in window mode				
- Firewall	Content to display when VAIO Zone starts				
	Resume playback				
	OK Cancel H	Help			

12 – Component Connection for HD TV

In order to be able to correctly display television contents or recordings made in high definition, it is recommended that you connect the Network Media Receiver (VGP-MR100E) by means of a "COMPONENT" cable so as to make the actual quality visible.

1. Connect the "COMPONENT" cable to the sockets on the TV and on the Network Media Receiver, respecting the colour correspondence.



2. Connect the power plug to the electrical current outlet (220V).

For the creation of an environment and the sharing of contents, please refer to the previous sections (from section 5C "Configuration of the network settings" up to section 9D "Modification of network settings" up to page 35 point 11, observe that the first image on page 32 shows the option "Wired LAN" instead of "Wireless LAN". Sections subsequent to section 9 remain unchanged).

Types of files managed by Network Media Receiver - 13

Below is an explanatory and illustrative table of all the types of files managed by the PC-Network Media Receiver system:

Category	Type of Content	Files supported
VIDEO	Video capsules recorded on your VAIO through Giga Pocket software, or other video files stored in the PC.	*Video capsules *MPEG 1 *MPEG 2 **According to the type of PC, the following files could also be supported:
MUSIC	Musical files and Play list on	*WMV *LPCM (WAV)
	your VAIO.	*MP3 *According to the type of PC, the following files could also be supported: *WMA *ATRAC3 *ATRAC3plus
РНОТО	Photos or static images on your VAIO, also in specific folders.	*JPEG *PNG *According to the type of PC, the following files could also be supported: *Bitmap *GIFF *TIFF