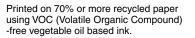
SONY.

Digital Photo Frame VGF-CP1 Operating Instructions



© 2008 Sony Corporation / Printed in Japan 3-300-630-31 (1)









Owner's Record

The model number and serial number are located on the rear of this unit.

Record the serial number in the space provided below. Refer to this number whenever you call your Sony dealer regarding this product.

Model No. VGF-CP1 Serial No.

- This User Guide and the information contained herein shall not be reproduced in whole or in part and shall not be lent to any third parties.
- The terms of warranty for this product are defined in the separate warranty certificate provided with your home server.
- The license agreement for the supplied software is defined in the software license agreement for each software application.
- Sony Corporation provides no warranty with regard to the supplied software. In no event shall Sony Corporation be liable for any incidental, consequential, or special damages, where based on tort, contract, or otherwise, arising out of or in connection with the supplied software.
- Sony Corporation reserves the right to make any modification to this product and the supplied software. The specifications of this product and the supplied software are subject to change without prior notice.
- Sony Corporation and the software vendors reserve the right to terminate or suspend the network services to the supplied software. In no event shall Sony Corporation be liable for inconvenience wholly or partially resulted from
- the termination or suspension of the services.
 Some functions described in this User Guide and/ or in the help files on the supplied software may not be implemented due to restrictions imposed by using such software on this product. Sony Corporation assumes no liability for inconvenience resulted from the restrictions.

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Sony hereby declares that this equipment 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 address.

http://www.compliance.sony.de/

This product also complies with EN 55022 Class B and EN 55024, for use in following areas: residential, commercial and light industrial.

- Audio and picture distortion may occur if this equipment is positioned in close proximity to any equipment emitting electromagnetic radiation.
- This product has been tested and found to compliant with the limits set out in the EMC Directive for using connection cables not longer than 3 metres (9.8 feet).
- Dispose of the battery properly at its end-of-life.
- In some areas the disposal of non-hazardous batteries in household or business waste may be prohibited.
- Please use the public collection system.





Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)



Disposal of waste batteries (applicable in the European Union and other European countries with separate collection systems)

This symbol on the battery or on the packaging indicates that the battery provided with this product shall not be treated as household waste.

By ensuring these batteries are disposed of correctly, you will help prevent potentially negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling of the battery. The recycling of the materials will help to conserve natural resources. In case of products that for safety, performance or data

In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only.

To ensure that the battery will be treated properly, hand over the product at end-of-life to the applicable collection point for the recycling of electrical and electronic equipment.

For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the applicable collection point

for the recycling of waste batteries. For more detailed information about recycling of this product or battery, please contact your local Civic Office,

your household waste disposal service or the shop where you purchased the product.

For Customer in U.S.A.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- □ Increase the separation between the equipment and receiver.
- □ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

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

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 8 inches (20 cm) between the radiator and your body (excluding extremities: hands, wrists, feet and ankles).

This device and its antenna(s) must not be co-located or operating with any other antenna or transmitter except Grant condition.

Caution

- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.

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

For the State of California, USA only

Perchlorate Material - special handling may apply, See <u>www.dtsc.ca.gov/hazardouswaste/perchlorate</u> Perchlorate Material: Lithium battery contains perchlorate.

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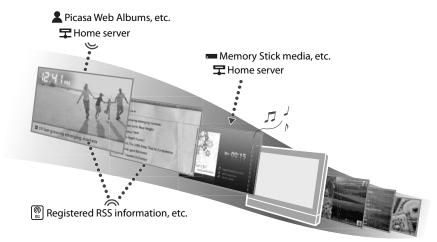
Getting Started

About This Unit

This unit is a Digital Photo Frame for displaying photos with Internet access. In addition to displaying photos, you can also enjoy music and information by creating various frames (page 18).

Note

For home wireless network connection, you will need a subscription to an Internet service provider and a wireless LAN router.



You can display the following:

- Photos stored on memory cards such as Memory Sticks.
- Photos stored on your computer or home server through your wireless home network.
- Photos stored on a Web photo organizer or a home server supporting the Remote Home Access function. In order to use these functions, some network and server settings need to be configured.
- A slide show of your favorite photos, with photo effects and music.
- Photos stored on your home server supporting the Remote Home Access function even if you are away from home.

Note

This unit cannot display movies shot by a digital camera or video camera.

You can play back music files:

- Stored on memory cards such as Memory Sticks.
- Stored on your computer through your wireless home network.

Note

6

This unit cannot play back music files with copyright protection.

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You can display the following information:

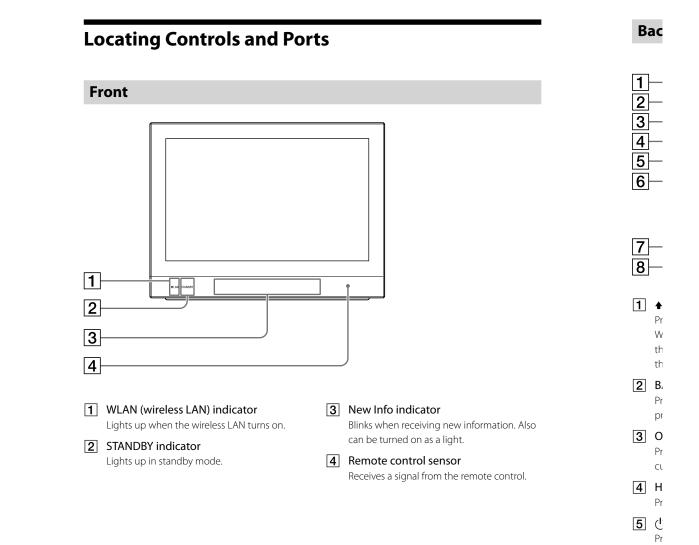
- News from Google News UK (UK model) or Google News (USA model)
- The latest information from Web sites broadcasting RSS. You can register to receive RSS feeds in the Web browser (Opera) screen (page 47).

🛱 Other way to use

If you give this unit to distant family or friends as a gift, you can send your photos to them through the Web service. First, configure the network and server settings with this unit, and save the Web photo organizer in frames, then you can view the latest photos uploaded to the Web service by switching frames with the remote control.

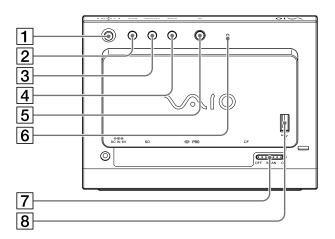
e away

Illustrations and screen images in this manual may differ from the actual product.



of Pr or **Ç** Pc (P

Back



1 ▲↓♦↓ENTER button

Press to select options and enter. While the browse screen or the screen other than the Options screen is displayed, adjust the sound volume by pressing \clubsuit .

2 BACK button

Press to quit setting and return to the previous screen.

3 OPTIONS button

Press to display the setting screen of the current feature.

4 HOME button

Press to return to the Home screen.

5 (POWER) button

Press to turn on the power when in power off or standby mode. Press to enter standby mode during power on.

Power turns off by pressing and holding the ${}^{\scriptsize \bigcirc}$ (POWER) button during power on.

6 Light sensor Detects ambient light around the unit.

Note

Keep sharp objects away from the sensor. 7 WLAN ON/OFF switch Press to switch ON/OFF of the wireless LAN.

8 🖞 (USB) connector Connects a digital still camera or USB memory device.

Note

9

VGF-CP1 Series 3-300-630-31(1)

1. Also

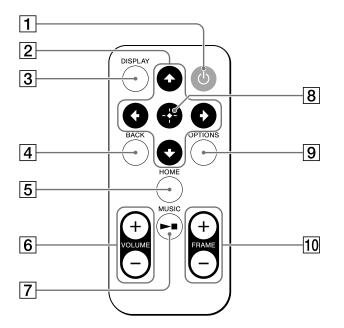
trol.

A USB hub should not be connected.

Bottom		
	1 2 	
CF (CompactFlash) slot Accesses CompactFlash data.	SD memory card slot Accesses SD/SDHC memory card data.	
2 Media access indicator Lights up in orange when accessing memory card data.	 5 ⇔ € ↔ 6V DC IN port Connects an AC adapter and to power outlet. 6 Speakers 	
3 Cesses Memory Stick slot Accesses Memory Stick, Memory Stick PRO, Memory Stick Duo or Memory Stick PRO Duo media data.	Outputs sound when playing back music. There is another speaker on the other side.	

Pr pr 5 H Pr

Remote Control



outlet.

ısic.

side.

1 (POWER) button

Press to turn on the power when in power off or standby mode. Press to enter standby mode during power on.

2 ★★★ buttons Press to select options in the setting screen.

3 DISPLAY button Press to display the guide.

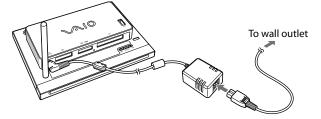
- (4) BACK button Press to quit setting and return to the previous screen.
- 5 HOME button Press to return to the Home screen.

- 6 VOLUME +/- buttons Press to adjust the sound volume.
- 7 MUSIC/►■ button Press to start / stop music playback.
- 8 - (ENTER) button Press to enter your selection.
- OPTIONS button
 Press to display the setting screen of the current feature.
- **10 FRAME +/- buttons** Press to switch frames.

Checking Accessories		
After unpacking, make sure the followin missing or broken, contact a local dealer	g accessories are supplied with your unit. If you find something	
Digital Photo Frame	Stand	
AC adapter	Installation CD	
Power cord	Operating Instructions (this book)	
Remote control	VGF-CP1 Quick Reference Guide	
Connecting		
Attach the stand to the unit and connec	t the AC adapter.	
1 Attach the threaded portion	on of the stand to the threaded hole at the bottom	
•	he unit by turning clockwise.	
10 010		
~~~~~		
	ug to the unit.	
2 Connect the AC adapter pl	ug to the unit.	
	ug to the unit. AC adapter	
	AC adapter	

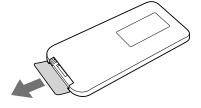
12

**3** Connect the power cord to the AC adapter, then connect the power cord plug to the wall outlet.



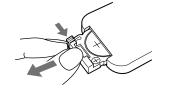
The power turns on and the start-up screen appears.

## **4** Remove the insulation sheet from the remote control.



## **Replacing the battery**

**1** Release the battery tray.

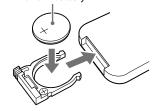




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om

Replace with a new CR2025 lithium battery with + side up, then restore the battery tray. Lithium battery



You can play back photos or music stored on Memory Stick, Memory Stick PRO, Memory Stick Duo or Memory Stick PRO Duo media, or an SD/SDHC memory card, CompactFlash card or digital still camera with JSB connection or USB memory device. <b>nserting and removing memory cards</b> nsert memory card as illustrated below.	Inserting and Removing Memory Cards	Ab
You can play back photos or music stored on Memory Stick, Memory Stick PRO, Memory Stick Duo or Memory Stick PRO Duo media, or an SD/SDHC memory card, CompactFlash card or digital still camera with JSB connection or USB memory device. Insert memory card as illustrated below.	inserting and hemoving memory caras	Usi
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<b>Attaching and detaching a USB cable or USB memory device</b> nsert the connector of a USB cable connected to a digital still camera or USB memory device to the $\Psi$ (USB)	an SD/SDHC memory card, make sure the media access indicator is not lit. Push fully in once and pull out.	-
nsert the connector of a USB cable connected to a digital still camera or USB memory device to the $\Psi$ (USB)	When removing a CompactFlash card, make sure the media access indicator is not lit, and pull out.	
nsert the connector of a USB cable connected to a digital still camera or USB memory device to the $\Psi$ (USB)		
nsert the connector of a USB cable connected to a digital still camera or USB memory device to the $\Psi$ (USB)	Attaching and detaching a USB cable or USB memory device	-
connector of this unit. Full out the connector when detaching.		
	connector or this unit. I un out the connector when detaching.	• (

	About compatible memory cards
	Usable memory cards with this unit are Memory Stick media, SD memory card and Compact Flash.
	For details on memory card restrictions, see below.
a with	Memory Stick media
	<ul> <li>The following Memory Stick media can be used with this unit.</li> </ul>
	Memory Stick / Memory Stick Duo / Memory Stick PRO / Memory Stick PRO Duo
	<ul> <li>This unit has a slot for both standard / Duo-size types.</li> </ul>
	You can insert Memory Stick Duo or Memory Stick PRO Duo media directly into the Memory Sick slot without an
	adapter.
	<ul> <li>Do not insert Memory Stick and Memory Stick Duo media at the same time. Improper insertion of media may</li> </ul>
	damage both Memory Stick slot and media.
	<ul> <li>This unit does not support the MagicGate feature; data with copyright protection cannot be accessed.</li> </ul>
	<ul> <li>This unit does not support 8-bit parallel data transfer (high speed data transfer).</li> </ul>
	<ul> <li>This unit has been tested and found compatible with Sony branded Memory Stick media with a capacity of up to 8</li> </ul>
	GB; available as of May 2008. However, not all Memory Stick media that meet these specifications are guaranteed to
	work.
dia ar	SD memory card
lia, or	<ul> <li>This unit has been tested and found compatible only with SD memory cards of a capacity up to 2 GB, and SDHC</li> </ul>
out.	memory cards of a capacity up to 8 GB, available as of May 2008. However, not all SD memory cards or SDHC
	memory cards that meet these specifications are guaranteed to work.
	<ul> <li>The SD memory card slot on this unit does not support the copyright protection and high-speed data transfer</li> </ul>
	features of SD memory cards and SDHC memory cards.
🕻 (USB)	
	CompactFlash card
	This unit supports Type I and II CompactFlash cards. However, not all CompactFlash cards that meet specifications are

guaranteed to work.

## **Basic Operation**

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### the requiring contents and advance to the following procedure. 1 Make sure the stand, power and remote control are ready for use by following press the steps in "Connecting" (page 10). This unit turns on after connecting the power cord. ີ່⊈ Hint Press 🕁 (POWER) to turn the power on when in standby mode. To set to standby mode "Standby Mode" reduces power consumption by deactivating the screen. 1 Press () (POWER) on the remote control pointing at the remote control sensor 1 Fr of this unit. The STANDBY indicator lights up in orange and turns to standby mode. Ϋ́ Hint 2 This unit can also be set to standby mode by pressing ტ (POWER) on the back of this unit. To turn off the power The steps below show how to turn off the power when removing the AC adapter, etc. 3 J. 1 Press () (POWER) on the back of this unit. The STANDBY indicator lights up in orange and standby mode is set. 2 Press and hold () (POWER) on the back of this unit. The New Info indicator blinks and turns off when the power turns off. Note Note The web

The power cannot be turned off by the remote control.

• Press and hold 🖞 (POWER) only when in standby mode. If turning the power off from a mode other than standby mode, stored data may be discarded.

After connecting the power cord for the first time, user registration requiring screen appears. Please confirm

Ϋ́Hin Press HC The HO complet

flash cor

16

VGF-CP1 Series 3-300-630-31(1)

**Basic Use** 

**Turning the Power On** 

For the customers purchasing the U.K. model



## **About the Home Screen**



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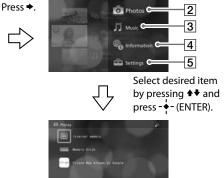
wing

The Home screen appears by turning the power on. All functions can be selected from the Home screen.



Select a frame by pressing ♠♥ and press - ♦- (ENTER).





The browse screen or setting screen appears.



#### **1** Frame list

Displays registered frames. If Shared frames are created (page 23), (NEW) appears when new photos are uploaded.

#### 2 Photos

Displays photo files stored in the memory or on the server. Playing a slide show, creating new frames, etc., can be performed from the Options menu (page 45).

#### 3 J Music

Plays back music files stored in the memory or on the server. Creating a new frame, etc., can be performed from the Options menu (page 46).

## 4 Contraction

Starts the registered RSS or news provided from Google News U.K. (for U.K. model)/ Google News (for U.S.A. model) can be displayed. Creating a new frame, etc., can be performed from the Options menu (page 46).

#### 5 Settings

Configures various settings of this unit (page 48). (a) appears when update information for software is available. The information can be checked by selecting [Important messages] of [a] System settings] in [a] Settings] (page 50).

y mode,

## Note

The web browser equipped with this unit is for mainly checking news or registered RSS information, etc. Some web sites or flash contents may not be properly displayed or played.

#### 🛱 Hint

Press HOME to return to the Home screen while displaying photos or playing music. The HOME button does not work while the selection screen (for [Yes], [No] or [Close]) is displayed. Press HOME after completing selection or confirmation.

## **Playing Back Photos Frame of Sample Images**

Frames using sample images and music pre-stored on this unit are used to demonstrate what a frame is. For details on creating or playing back a frame, see page 18, 21.

#### Playing back a frame of sample images and music from the Home screen

Press HOME on the remote control.

The Home screen appears.

2 Select a frame by pressing **↓** on the remote control, and press - **↓** - (ENTER). The selected frame starts playing back.

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## **Displaying Data with the Browse Screen**

On the browse screen, photos or music stored in the memory or the server can be played back, or RSS information on the Internet can be displayed. Creating a new frame can also be performed from the browse screen (page 18).

#### Ϋ́ Hint

In addition to the photo browse screen explained in this section, the music browse screen to play back music files, or the information browse screen to display RSS information, are also available.

#### **Displaying photos on Memory Stick media**

As an example, the following steps show how to display photos on Memoriy Stick media shot by a digital still camera.

## Turn the power on (page 14).

The Home screen appears.

**¹ ¹ <b>¹ ¹ ¹ ¹ ¹ ¹ ¹ <b>¹ ¹ ¹ ¹ ¹ ¹ ¹ ¹ <b>¹ ¹ ¹ ¹ ¹ <b>¹ ¹ ¹ ¹ ¹ ¹ ¹ <b>¹ ¹ <b>¹ ¹ ¹ <b>¹ ¹ ¹ ¹ ¹ <b>¹ ¹ ¹ ¹ <b>¹ ¹ ¹ ¹ <b>¹ ¹ ¹ ¹ ¹ ¹ ¹ <b>¹ ¹ ¹ ¹** 

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## **2** Insert Memory Stick media into this unit (page 12).

Folders or photos on Memory Stick media appear after about 5 seconds.



## ٌ⊈̈́ Hint

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When folders of photos do not appear, do the following: ⑦ Press → on the remote control in the Home screen. Select [I Photos] by pressing ★↓, and press - ↓ - (ENTER).
 ⑧ Select [I Memory Stick] by pressing ★↓, and press - ↓ - (ENTER).

## Select a folder including a target photo by pressing **↓** on the remote control, and press - - (ENTER).





The photo list appears.

### 

- The selected folder may contain subfolders. In this case, repeat step 3 until a target photo appears.
- If [Cannot show the server list.] appears, press ◆ (ENTER) to return to the previous screen.
- Photos in Web services, on other memory cards or computers on a home LAN can be displayed in the same way. For Web services or computers on a home LAN, you should configure the connection settings (page 26, 39).

Continued

19





A photo is displayed.

## °Ç Hint

- If you insert a memory card while a screen other than the browse, Settings or Options screen is displayed, the
  photo (folder) list of the memory card appears.
- You can save currently displayed photos in the internal memory. For details, see "About internal memory" (page 47).

### **Creating a Frame**

A frame is a collection of your favorite photos or music that can be easily selected. Once you have created several frames, you can easily change photos or music to match your mood by selecting one of the frames in the Home screen.

## ີ່ 🛱 Hint

In addition to the Photos and Info frame explained in this section, you can also save Music frames to play back music files and Memories frames to display photos in order by shooting date and time. For details on other frames, see "Available Frames" (page 22).

#### **Creating a Photos and Info frame**

As an example, the following steps show how to create a "Photos and Info" frame to display photos in a folder.

**1** Display photos in a folder to create a Photos and Info frame by following the steps in "Displaying Data with the Browse Screen" (page 16).

## **2** Press OPTIONS on the remote control.

The Options menu appears.

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וֹי In M se 3 Select [Create new frame] by pressing ★★ on the remote control, and press - - (ENTER).



A confirmation screen for creating a frame appears.

## ີ່ **Ç** Hint

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All photos in the folder storing a target photo are saved in the frame.



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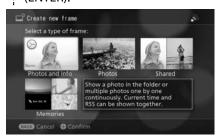
the

## Select [Yes] by pressing $\blacklozenge \Rightarrow$ on the remote control, and press - - + - (ENTER).



The "Create new frame" screen appears.

## Select [Photos and Info] by pressing ★↓ ← → on the remote control, and press - - - (ENTER).



The "Create Photos and info frame" screen appears.

### ີ່ 🛱 Hint

In addition to the Photos and Info frame, you can select a Photo frame (page 23), a Shared frame (page 23) or a Memories frame (page 23). However, the Shared frame can be selected only when displaying photos in the Web server on the Internet in step 1.



21

#### 6 Press $\rightarrow$ on the remote control.



A setting screen for display information appears.

## ີ່**Ç** Hint

You can set the style, order and interval for displaying photos in the Photos and Info frame. To change the settings, select the desired setting by pressing ★↓ on the remote control and press -↓- (ENTER), then select the desired option by pressing **♦** and press - **♦** - (ENTER).

#### 7 Press $\rightarrow$ on the remote control.



A confirmation screen for the selected settings appears.

## 

The selection to display news information provided from Google News U.K. (for U.K. model)/Google News (for U.S.A. model) in the Photos and Info frame can be set in this screen. To change the settings, select the desired setting by pressing ★★ on the remote control and press - - (ENTER), then select the desired option by pressing ★★ and press --- (ENTER).

#### Note

To display News, a wireless network should be set up before connecting the unit to the Internet. For details on the setting, see "Connecting to a Wireless Network" (page 39).

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8 Select [Yes] by pressing ←→on the remote control, and press - - (ENTER).



The Photo and Info frame created with the selected settings appears.

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## **Playing Back a Frame**

You can play back saved frames from the Home screen, or change frames to another frame by pressing FRAME on the remote control.

#### Playing back a frame from the Home screen

## Press HOME on the remote control.

The Home screen appears.

## 2 Select the desired frame by pressing ★★ on the remote control, and press - (ENTER).

The selected frame starts playing back.

#### Ϋ́Ϋ́ Hint

- You can play back the frame by pressing FRAME while displaying a screen other than a frame.
- The operation guide for frames can be displayed by pressing DISPLAY repeatedly.

### Changing a frame

You can change a frame to another frame during playback.

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## **1** Press FRAME on the remote control.

Press FRAME + to change to the next frame up in the frame list in the Home screen. Press FRAME – to change to the next frame down in the frame list.

## ີ່ **Ç** Hint

You can re-arrange the frame order or delete unnecessary frames in the Home screen (page 45).

Continued

23

## **Available Frames**

You can choose from 8 frame types, and save up to 20 frames.

#### ϔ About the icons in this section

- : Data in the internal memory can be used.
- : Data on memory cards can be used.
- f R : Data in the Web service can be used (Internet connection necessary).
- Th: Data sent from the home server supported by the Remote Home Access function can be used (Internet connection necessary).
- Ty : Data sent from a server using software such as "VAIO Media" can be used (Home LAN connection necessary).
- **Ts** : Data sent from Samba can be used (Home LAN connection necessary).
- N : Information such as news on the Internet can be displayed (Internet connection necessary).

## **Frame Created from Photo Browse Screen**

From the photo browse screen, you can create 4 types of frames for decorating photos in various ways. To create a frame, select the desired photo file or folder from the photo browse screen, and select [Create new frame] in the Options menu (page 45).

If a folder is selected from the list when creating a frame, all photos in the folder currently selected till the 5th level folder are displayed in the frame. If you select a photo from the list when creating a frame, only photos in the folder where the photo is stored will be displayed in the frame (photos in the sub folder are not displayed).

## Photos and Info frame 🕮 / 🛥 / 🏝 / 파 / 파 / 쟉 / 🕏 / 🚺

Displays a photo or photos in the specified folder one after another. You can also display the current time or registered RSS information with the photos.



#### ີ່ **Ç** Hint

Each time you press DISPLAY, the display changes as follows: "Photo with analog clock"  $\rightarrow$  "Photo with digital clock"  $\rightarrow$  "Photo only"  $\rightarrow$  "Photo with guide"  $\rightarrow$  "Photo with analog clock"...



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## Photos frame 🕮 / 💳 / 👗 / 카 / 카 / 카

Displays photos in the specified folder one after another with photo effects. You can also play back music together with your photos by selecting a music file in the internal memory.



#### ີ່ 🛱 Hint

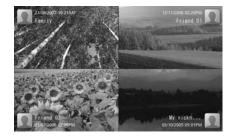
You can set the transition speed for displaying photos in [Frame settings] (page 45).

#### Note

- If you change music to [Not specified] in the Options menu while a Photos frame is displayed, changes will be applied the next time the frame is played back.
- When playing a Photos frame, the first photo may be repeatedly displayed.
- When playing a Photos frame, the first photo in the Web service may take time to display.
- Photos in the Web service may not be displayed due to slow connection speeds or excessive accesses to the Internet.

#### Shared frame

Displays photos uploaded in the Web photo organizer by members at the same time. Information from members such as friends or family can be shared by displaying respective photos at the same time.



#### ີ່⊈ Hint

- Up to 4 members can be registered for 1 Shared frame.
- You can set the style, order and interval for displaying photos in [Frame settings] (page 45).
- When new photos are uploaded to a Web server, (NEW) is displayed on the Home screen and the New Info indicator lights up (page 6, 15). (NEW) is displayed to members while displaying Shared frames. (NEW) disappears when changing photos by ↔ on the remote control.
- Each time you press DISPLAY, the display changes as follows:
   "Photo with face icon" → "Photo only" → "Photo with guide" → "Photo with face icon"...



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#### Note

- It may take some time to display the first photo after starting the Shared frame.
- Depending on the number of photos in the folder, it may take some time to display the first photo.
- The more members (up to 4) are sharing the folder at the same time, the longer it takes to display the first photo.
- Photos in the Web photo organizer may not be displayed due to slow connection speed or excessive access to the Internet.

## Memories frame 🗰 / 💳 / 🎜

Displays photos shot or updated within one month from today in the specified folder at random. Photos shot in "this time some years ago" may be displayed since this unit displays photos regardless of shooting year. You can recall the days the photos were shot.



### ີ່ 🗳 Hint

- You can set the screen separation, style and interval for displaying photos in [Frame settings] (page 45).
- It is recommended to store as many photos in a single folder as possible.

## Frame Created from Music Browse Screen

In the music browse screen, you can create frames to play back music. To create a frame, select the desired music file or folder from the music browse screen, and select [Create new frame] in the Options menu (page 45).

## Music frame 🗰 / 💳 / 되 / 국

Plays back your favorite music.



### ີ່ **Ç** Hint

- Only the sleeve images of ID3 tag on music can be displayed.
- To stop playing music, press ▶■ on the remote control.



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## **Frame Created from Information Browse Screen**

In the information browse screen, you can create frames to display information, such as news from an RSS site.

To create a frame, select the desired RSS from the information browse screen, and select [Create new frame] in the Options menu (page 45). Up to 3 types of frame are available depending on the RSS.

### ີ່ **Ç** Hint

The release date of the latest information from a Web site sending RSS feeds is displayed under each frame title (RSS name).

### News frame **N**

Displays RSS information provided from Google News U.K. (for U.K. model)/Google News (for U.S.A. model).

News 2008/03/14	12:00AM	
10 fast	growing emerging markets	
Food p	rice rise to New Height	
Latest	eens Trend	
The No	w Health Foods?	
Too M	ch, Too Little Sleep Tied to Corpu	lence
Anti-c	ncer gene discovery	
Summ	r Travelers in Europe	

## ີ່ 🛱 Hint

You can set the background design in [Frame settings] (page 46).

## RSS frame N

Displays information from RSS feeds to which you are registered.



## ີ່ **Ç** Hint

- For details on RSS registration, see "About RSS registration" (page 47).
- You can set the background design in [Frame settings] (page 46).

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	Examples
Example 1: Using [Picasa Web A	\lbums by Google]
"Picasa Web Albums by Google" is a Web service on the Internet device, you can display photos on the Internet or upload photos by Google"." This section shows how to use "Picasa Web Albums by Google."	
Note For Internet Web service, restrictions, such as numbers of photos to store, site of the Web services for the latest information.	may be changed without notice. Check the Web
Obtaining an Account for "Picasa Web	Albums by Google"
You need a computer in order to set up your account. You need a Google account obtain a "Picasa Web Albums by Goo If you already have an account for Picasa Web Albums for Google Albums by Google" (page 27).	-
<b>' Hint</b> For details on "Picasa Web Albums by Google," see Google help.	
Without a Google account	
Go to http://www.google.com.	
2 Click [more]-[Photos]. The log-in screen for "Picasa Web Albums by Google" appea	ırs.
<b>3</b> Click [Create a new Google Account]. The Create a new Google Account screen appears.	
<b>4</b> Create the Google account and register for "Pr	icasa Web Albums by Google" by
<b>following the on-screen instructions.</b> After creating the Google account and completing the use Google," proceed to "Logging in to Picasa Web Albums by G	

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1 Go to http://www.google.com.

## Click [more]-[Photos].

2

The log-in screen for "Picasa Web Albums by Google" appears.

#### 3 Enter [Email] and [Password], and click [Sign in]. The user registration screen for "Picasa Web Albums by Google" appears.

#### 4 Register for "Picasa Web Albums by Google" by following the on-screen instructions.

After completing the user registration for "Picasa Web Albums by Google," proceed to "Logging in to Picasa Web Albums by Google."

## Logging in to "Picasa Web Albums by Google"

In order to log in, you need a wireless network connection. For details, see "Connecting to a Wireless Network" (page 39).

1 Press HOME on the remote control.

The Home screen appears.

## 2 Press $\rightarrow$ on the remote control, select [ $\implies$ Settings] by pressing $\uparrow \uparrow$ and press

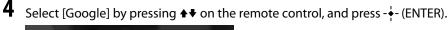
	Photos
and the second	Photos Music
- <u>1</u>	💼 Settings

The Settings screen appears.

3 Select [⁴ Server settings] by pressing ★ → on the remote control, and press - ↓ - (ENTER).

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th ⊕	Google Home Access Samba	
ев С		
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The Server settings screen appears.





The account setting screen to connect to "Picasa Web Albums by Google" appears.

**5** Enter the e-mail address and password for the Google account, and enter the user name for "Picasa Web service" if required.

#### Note

If the e-mail address at the account registration is Gmail, do not enter the user name for "Picasa Web Albums," but enter the e-mail address and password for the Google account.



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## **6** Press BACK on the remote control.



The confirmation screen for testing the server connection appears.



If the connection test is successful, the complete screen appears.

## Ϋ́Ϋ́ Hint

7

If the connection test fails, double-check the e-mail address and password for the Google account and the user name for "Picasa Web Service," and repeat from step 5. In addition, see "Troubleshooting" (page 51).

## Uploading Photos to "Picasa Web Albums by Google" from This Unit

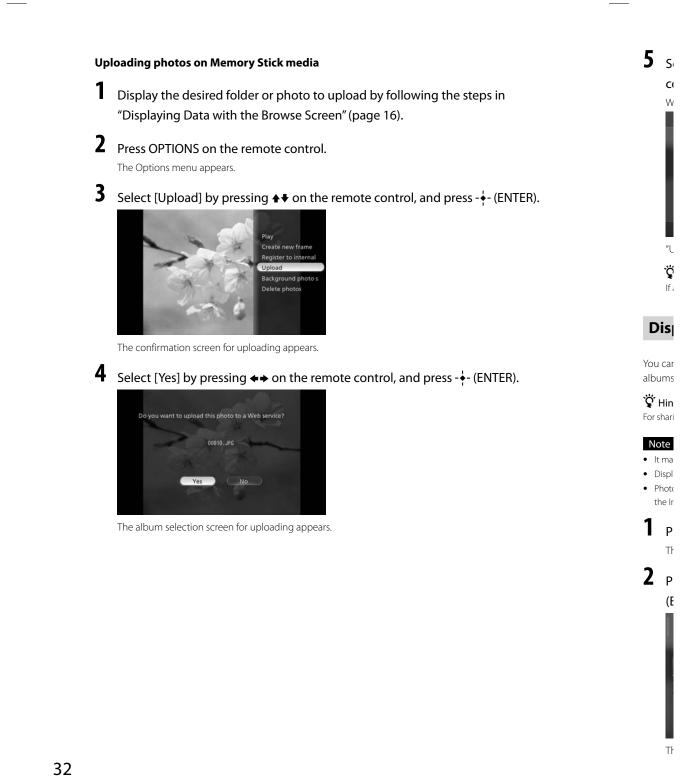
Photos stored on memory cards, such as Memory Stick media can be uploaded to "Picasa Web Albums by Google." This section shows how to upload photos on Memory Stick media inserted into this unit.

## ີ່ **Ç** Hint

- When uploading photos stored on a computer, see help of "Picasa Web Albums by Google."
- Photos uploaded from this unit are registered as "Unlisted". You need a computer to change the settings. For details, see help of "Picasa Web Albums by Google."

Continued

31



## 5 Select the desired album to upload photos by pressing ★◆ on the remote control, and press - - (ENTER).

When uploading a folder, it is not necessary to select an album.



"Uploading... Please wait" appears, then the complete screen appears.

#### Ϋ́Υ Hint

If an album is not created in "Picasa Web Albums by Google," create a "Digital Photo Frame" album, then upload.

## Displaying Photos from "Picasa Web Albums by Google"

You can display photos uploaded to "Picasa Web Albums by Google", or photos from members sharing albums.

#### Ϋ́ Hint

For sharing albums on "Picasa Web Albums by Google," see help of "Picasa Web Albums by Google."

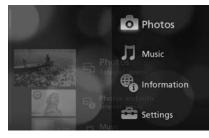
#### Note

- It may take some time to display uploaded photos.
- Displaying thumbnail images in the photo browse screen may take time.
- Photos on "Picasa Web Albums by Google" may not be displayed due to slow connection speed or excessive access to the Internet.

## **1** Press HOME on the remote control.

The Home screen appears.

2 Press → on the remote control, select [ Photos] by pressing ★↓, and press - - (ENTER).



The server list appears.

Continued

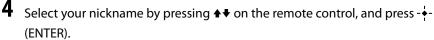
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ΞR).

3 Select [■ Picasa Web Albums by Google] by pressing ++ on the remote control, and press -+- (ENTER).



Your nickname on "Picasa Web Albums by Google" or the nicknames of members sharing albums appear.





The album list appears.

## Ϋ́Ϋ́ Hint

To display photos of members sharing albums, sele1ct nicknames of members.

5 Select the desired album including target photos by pressing ★★ on the remote control, and press - ↓- (ENTER).



The photo list appears.



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6 Select the desired photo by pressing ★★ on the remote control, and press - -(ENTER).



The selected photo is displayed.

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**W** Hint You can create shared frames (page ...) by using photos on "Picasa Web Albums by Google". Members sharing albums can be added to the Shared frames (page 46).

Continued

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## **Example 2: Displaying Photos Stored on your Computer**

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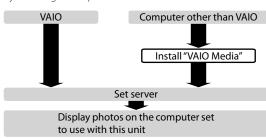
By using your VAIO or your computer with VAIO Media as your server, you can display the photos on the computer on your wireless frame.

#### ີ່ 🛱 Hint

To use your computer as a server, you should connect your wireless frame to your wireless home network. For details, see "Connecting to Wireless Network" (page 39).

## Confirming the Computer to Use as a Server

When using your VAIO as a server, proceed to "Setting Server" (page 36). When using a computer other than a VAIO as a server, install "VAIO Media" from the supplied installation CD by following the steps below.



#### Installing "VAIO Media"

#### Note

- Disconnect any USB devices from the computer being used.
- The disc drive, such as a CD-ROM drive, should be ready for use. In this manual, "CD-ROM drive" is used as a general term for disc drive. For connection of an external CD-ROM drive, see the operating instructions or Web manual supplied with the computer or CD-ROM drive.
- Before installing the supplied software, update your Windows to the latest version. All other software should be closed.
- Log on as "Computer administrator."
- For the latest supplied software, see "Getting Help" (page 58) for details, and visit our online support site.

## **1** Turn the computer on, and start up Windows.

## **2** Insert the supplied installation CD into the CD-ROM drive.

The file browse window appears.

#### Note

When Windows XP is being used, follow the steps below to display the file browse window. On the computer, click [Start] - [My Computer] and right-click [VGF-CP1] then click [Explore] in the pop-up menu.



## Click [1-OpenMG.bat], then complete the installation by following the onscreen instructions. If the "User Account Control" window appears, click [Continue]. 4 Click [2-VMiS.bat], then complete the installation by following the on-screen instructions. If the "User Account Control" window appears, click [Continue].

5 Click [3-VEP.bat], then complete the installation by following the on-screen instructions.

If the "User Account Control" window appears, click [Continue].

#### 6 Restart your computer.

#### **Operating environment**

3

The following computer environment is required to install this software.

Computer	IBM PC/AT o	compatible
	• CPU: Ce	leron 1.00GHz or more
	<ul> <li>Hard dis</li> </ul>	k space: 1.2 GB or more
	(Disk spa	ace is required in proportion to your Windows version and amount of
	photo o	r music files.)
	• RAM: 25	6MB or more
	Others	CD-ROM drive (supporting digital playback by WDM)
OS	Windows X	P SP2/Windows Vista SP1
Display	Display high	n color (16 bits color) or more, 800 X 600 dots or more (1,024 X 768 dots or
	more recom	nmended)

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Operation is not guaranteed with an OS other than above, home-built computers, an upgraded OS, multiboot or multi-monitor environment, or Macintosh computers.

#### Note

- Operation may not be guaranteed for all computers with the recommended environment.
- NTFS format of Windows XP can be used only with standard installation (default setting).
- Operation of system suspension, standby mode, or pausing may not be guaranteed for all computers.

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Set	tting up a Server	
Set a d	computer to work as a server.	
Note		
	istering the computer as a server is required to be connected to the same LAN as this unit.	
-	istering the computer as a server requires logging on as a user with administrator privileges, such as "Computer ninistrator." For details, see "VAIO Media help."	
Ϋ́Ύ Hi	<b>nt</b> ther details on the operations and the settings of "VAIO Media," see "VAIO Media help."	
1 OF TUR		
Start	ing VAIO Media Integrated Server	
1		
	Click [Start] of the computer, then click [All Program]-[VAIO Media]-[Server	
	Administration]-[VAIO Media Server Settings].	
[	VAIO Media Server Settings] starts up.	
2	Click [VAIO Media Integrated Server], then click [Start] when [Start/Stop server]	
	s [Stop].	
	/AIO Media Integrated Server starts.	
Acce	ssing to computer	
1		
	Click [Start] of the computer, then click [All Program]-[VAIO Media]-[Server	
	Administration]-[VAIO Media Server Settings].	
_	VAIO Media Server Settings] starts up.	
2	Click [Access control settings.], then click [Allow other devices on your network	
	to access this computer.].	
	The [IMPORTANT] window appears.	
•		
<b>3</b> (	Confirm the contents in the window, and click [OK].	

## Displaying Photos on a Computer Set to Use with This Unit

**1** Press HOME on the remote control. The Home screen appears.

2 Press → on the remote control, select [ Photos] by pressing ★↓, and press - +- (ENTER).



#### The server list appears.

#### Note

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Displaying the computer set for use with this unit on the list may take time. If a server list is not displayed, press OPTIONS on the remote control, select [Update information] by pressing  $\clubsuit$ , and press -  $\blacklozenge$  - (ENTER). The server list will be renewed.

3 Select the desired server including target photos by pressing ★★ on the remote control, and press -↓- (ENTER).



Folders or photos on the server appear.

4 Select the folder including the target photo by pressing ★↓ on the remote control, and press - - (ENTER).

The photo list appears.

## ∛¥ Hint

- The selected folder may contain subfolders. In this case, repeat step 4 until the target photo appears.
  If [Cannot show the server list] appears, press - (ENTER) to return to the previous screen.
- **5** Select the photo by pressing **↑** on the remote control, and press **†** (ENTER). The photo is displayed.

## Connection/Settings

## **Connecting to a Wireless Network**

By connecting this unit to the wireless network or the Internet, you can play back photos or music stored on computers or in a Web photo organiser on the Internet.

## ີ່ **Ç** Hint

The reception icon is displayed when the information bar is at the top of the screen. The reception icon shows the strength of the network signal, many bars around the antenna show a stronger signal.



#### Note

In order to set up your home wireless network connection, you need a wireless LAN router and a subscription to an Internet service provider.

## **Checking Type of Access Points**

When the access point device (wireless LAN router) supports AOSS, see "Setting with AOSS." Otherwise, see "Setting Manually" (page 42).

#### About AOSS

AOSSTM (AirStation One-Touch Secure System) is a technology developed by Buffalo Technology. The wireless LAN can be connected with a one-touch operation, and the security is set automatically.

## **Setting with AOSS**

If you use an access point that supports AOSS, set by the following steps.

- Press HOME on the remote control.
- Press → on the remote control, select [♣ Settings] by pressing ★↓, and press -↓- (ENTER).
- 3 Select [[⊕] Network settings] by pressing ▲ ◆ on the remote control, and press ↓- (ENTER).

The Network settings screen appears.

4 Select [Select a connection] by pressing ★ → on the remote control, and press
 - (ENTER).

5 Select [New connection] by pressing ★★ on the remote control, and press - - (ENTER).



6 Select [Use AOSS] by pressing ▲ → on the remote control, and press - → - (ENTER).

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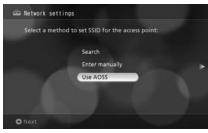
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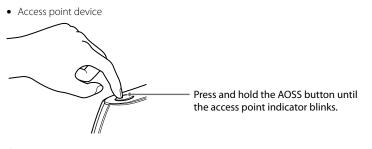
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Reception of AOSS setting starts.

**7** Press and hold the AOSS button on the device until the access point indicator blinks.



## Ϋ́Ϋ́ Hint

For details on the AOSS button or indicator, see the operating instructions supplied with the access point device (wireless LAN router).

• Screen of this unit



"Communicating AOSS information with the access point..." appears.

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#### Note

An access point with a conceal setting may not be detected. In this case, select "Enter manually" in step 6, and follow the on-screen instructions.

• The AOSS setting will be canceled automatically if the access point cannot be found within 2 minutes of initiating reception. Cancellation of the process may take about 1 minute, depending on the network status. In this case, wait a moment.

## 8 Confirm that "Configuring the access point completed" is displayed.



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## **9** Press - - (ENTER) on the remote control.

The setting screen for Proxy appears.

## **10** If the Proxy setting is unnecessary, press → on the remote control to proceed to the next step.

A connection name is displayed.

## Ϋ́ς Hint

If the Proxy setting is necessary, press - ← - (ENTER) on the remote control and select "Use" by pressing ★◆, and press - ← - (ENTER). Then set the address and port number of the Proxy server.

For home use, the Proxy setting is unnecessary. If the Proxy setting is required, consult the administrator of the home network or your Internet service provider.

Continued

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## 11 If the connection name is unnecessary to change, press → on the remote control to proceed to the next step.

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The confirmation screen for settings appears.

## Ϋ́Ϋ́ Hint

Normally it is unnecessary to change the connection name.

12 Confirm the setting, and press → on the remote control to proceed to the next step.

## **13** Select [Yes] by pressing ← → on the remote control, and press - +- (ENTER).

Connection to the access point is confirmed. When connected properly, "Network connection completed" is displayed.

## **Setting Manually**

If the access point device does not support AOSS, or AOSS does not work properly, set manually by the following steps.

## Confirm the access point information.

Confirm the following information. For details on the access point device (wireless LAN router), see the operating instructions supplied with the access point device, or consult the access point provider.

• SSID

Identification for the access point.

- Security type Security type depends on the access point. With this unit, [None], [WEP], [WPA-PSK (TKIP)], [WPA-PSK (AES)] can be selected.
- Encryption key WEP key or WPA key is required depending on the selected security type.

## **2** Display the screen below by following steps 1 to 5 in "Setting with AOSS" (page 39).



3 Select [Search] by pressing ▲ ♦ on the remote control, and press - ♦- (ENTER).



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er.

The access point is detected.

## 4 Select an access point by pressing ★↓ on the remote control, and press → to proceed to the next step.



The selection screen for the security type appears.

The confirmation screen for SSID appears.

## Ϋ́Ϋ́ Hint

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If several access points are displayed, select SSID of the access point in use.

Press  $\Rightarrow$  on the remote control to proceed to the next step.

## /PA-

(page

## 6 Select the security type by pressing **↓** on the remote control, and press **→** to proceed to the next step.

. Select the security type confirmed in step 1. If selecting other than [None], the screen to enter the WEP key or WPA key appears.

## ີ່ 🛱 Hint

When selecting [None], proceed to step 12.

# 7 Press - - (ENTER) on the remote control to display the software keyboard, enter the WEP key or WPA key, and press - - (ENTER).

Enter the password confirmed in step 1.

Continued

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8	Press → on the remote control to proceed to the next step. The selection screen for address settings appears.	Opt
9	Select [Easy] by pressing ★↓ on the remote control, and press → to proceed to	You car
	the next step. The setting screen for connection name appears.	Hom
	<b>ϔ Hint</b> Select [Custom] to manually set information such as IP address.	Status During
10	If it is unnecessary to change the connection name, press → on the remote control to proceed to the next step. The confirmation screen for settings appears.	During
	<b>``Y</b> Hint         Normally it is unnecessary to change the connection name.	
11	Confirm the setting, and press    on the remote control to proceed to the next step.	Fram Status While c
12	Select [Yes] by pressing ← → on the remote control, and press (ENTER). Connection to the access point is confirmed. When connected properly, "Network connection completed" is displayed.	(except

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## **Options Menu List**

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## You can display the Options menu by pressing OPTIONS while a screen is displayed.

### Home screen

Status	Options/Descriptions
During frame selection	<ul> <li>[Move up][Move down][Move to top][Move to end]: Rearranges the frame order in the list by moving the selected frame.</li> <li>[Delete frame]: Deletes the frame currently selected.</li> </ul>
During music playback	• [Track being played]: Displays the music browse screen of the music being played.

### Frame screen

Status	Options/Descriptions
While displaying frame	• [Frame settings]: Configures the various settings for frames.
(except for Music frame)	[Delete from shared frame]: Deletes members registered in the shared
	frame currently being played.
	• [Start Web browser]: Displays Google News U.K. (for U.K. model)/Google
	News (for U.S.A. model), or the registered RSS.

### **Browse screen**

Status	Options/Descriptions
While photo browsing	<ul> <li>[Update information]: Updates the list of external memory or servers.</li> <li>[Connection test]: Performs the connection test for memory or servers.</li> <li>[Play]: Plays all photos in the folder currently selected as a slide show</li> </ul>
	<ul><li>(Background music cannot be selected).</li><li>[Create new frame]: Creates a new frame to display photos.</li></ul>
	<ul> <li>[Register to internal memory]: Registers the photo currently displayed in internal memory. For details, see "About internal memory" (page 48).</li> <li>[Upload]: Uploads folders or photos in the external memory to the Web</li> </ul>
	service on the Internet.

Continued

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next

Status	Options/Descriptions	1
While photo browsing	<ul> <li>[Background photo settings]: Sets the photo currently displayed to the background image of the Home screen or Settings screen.</li> <li>[Add to shared frames]: Adds the members (folders) currently selected to the created Shared frame.</li> <li>[Delete photos]: Deletes photos in the internal or external memory (folders cannot be deleted).</li> </ul>	•
While music browsing	<ul> <li>[Update information]: Updates the list of external memory or servers.</li> <li>[Connection test]: Performs the connection test for memory or servers.</li> <li>[Register to/Delete from internal memory]: Registers/deletes the music file currently playing to/from internal memory. For details, see "About internal memory" (page 47).</li> <li>[Create new frame]: Creates a new frame to play a music file.</li> </ul>	
While information	[Connection test]: Performs a connection test for the wireless network.	
browsing	• [Delete RSS]: Deletes the registered RSS from the list.	•
	<ul> <li>[Create new frame]: Creates a new frame to display RSS information.</li> </ul>	

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## Web browser (Opera) screen

Status	Options/Descriptions
While displaying Web	<ul> <li>[Input address]: Displays the Web site by entering the address directly.</li> </ul>
browser (Opera)	• [Bookmarks]: Displays the target Web site from the bookmark list. You can
	add/delete up to 20 favorite sites in the bookmark list.
	• [Zoom]: Zooms in/out the Web site.
	• [Register RSS]: Registers an URL as RSS (up to 20) if the Web site currently
	displayed is RSS. The registered RSS is displayed in the list on the [Registered
	RSS] screen of the information browse screen.
	[Delete cookies]: Deletes all cookies.
	• [Exit Web browser]: Closes the Opera browser.

	About internal memory
ne	<ul> <li>The date registered to the internal memory is applied to the file name (example: "0801171535.jpg" is applied to a JPEG file registered at 15:35 of January 17, 2008).</li> </ul>
d to	<ul> <li>Approximately 85MB of memory is available for registering photos (depending on the photo size).</li> <li>Approximately 15MB of memory is available for registering music. Up to 3 music files can be registered.</li> </ul>
olders	<ul> <li>Sample music or photos are pre-registered in the internal memory. To increase the available memory, delete these sample files. The deleted sample files can be restored by setting [11] Initialization] in [22] Settings] (page 50).</li> </ul>
	<ul> <li>You cannot transfer or copy photos or music stored in the internal memory to an external memory.</li> </ul>
rs.	About RSS registration
sic file ernal	Follow steps below for RSS registration
	<b>1</b> Press HOME on the remote control.
 'k.	The Home screen appears.
	Press → on the on the remote control, select [♣ Information] by pressing ★↓, and press -↓- (ENTER).
	3 Select Google News U.K. (for U.K. model)/Google News (for U.S.A. model) by pressing ★★ on the remote control and press (ENTER), then proceed to the next step.
y. I can	4 Select a pre-registered RSS site by pressing ★★ on the remote control, and press (ENTER).
ntly Jistered	5 Select the desired RSS site by pressing ★◆, and press (ENTER). The RSS site is displayed with the Web browser (Opera).
	<b>6</b> Display a ULR to register the RSS site on the Web browser.
	☆ Hint If the URL cannot be followed by a link, select [Input address] in the Options menu and press - ◆ - (ENTER), and enter a URL to register the RSS site.
	<b>7</b> Press OPTIONS on the remote control to display the Options menu, select
	[Register RSS] by pressing ★ <b>↓</b> and press - +- (ENTER).
	The registered RSS is displayed on a list on the [Registered RSS] screen of the information browser.

## **Settings Menu**

You can make more detailed settings in the Settings screen.	Item
You can display the Settings screen by pressing $lpha$ in the Home screen, selecting [🚔 Settings] by pressing	Set Mai
★↓ and pressing - ♦ - (ENTER).	Set auto

## **Wetwork settings**

ltem	Options/Description
Select a connection	Creates a registered wireless LAN connection from the list. Or selects a new wireless LAN connection (page 39). You can set up to 5 wireless LAN connections.
Edit connection settings	Edits the created wireless LAN connection settings, or create a new wireless LAN connection (page 39). You can set up to 5 wireless LAN connections.
Delete a connection	Deletes the created wireless LAN connection from the list.

## 

ltem	Options/Description	
Google	Sets up the account for connecting to Web services. Enter the account	
	information of your computer (page 28).	
Remote Home Access Sets up the account for the Remote Home Access server (up to 5 accounts for the Remote Home Access server)		
Samba	Sets up the account for the Samba server (up to 5 accounts).	

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## **O** Date & time settings

ltem	Options/Description (underlined option is the default setting) Sets up the date and time manually.	
Set Manually		
Set automatically	Connects to the Internet time server and updates the date and time	
	automatically when set to [On]. You can also change the Internet time server.	
	The default setting is [Off].	
	To use this feature, connect to a wireless LAN (page 39). When the date and	
	time are set in [Set Manually], [Set Automatically] is set to [Off].	
Date format	Sets up the date format.	
	[YYYY/MM/DD], [MM/DD/YYYY], [DD/MM/YYYY]	
Time format	Sets up the time format.	
	[ <u>12-hour</u> ], [24-hour]	
Time zone	Sets up the time zone. The default setting differs depending on the area	
	setting.	
Daylight saving time	Sets the clock ahead one hour when set to [On]. The default setting is [Off].	
Set a clock ahead	Sets the clock ahead up to 30 minutes in 1-minute increments. The setting is	
	applied to the clock on frames and the timer.	

## 🕮 Screen display

ltem	Options/Description	
Photo display position	Sets up the photo display position on the screen while playing a frame. The photo is displayed in the center of the screen in its original size when [Entire photo] is selected. The default setting is [Fit to screen].	
Brightness adjustment	Adjusts the screen brightness in 11 levels. The default setting is [10].	
Demonstration	Starts the demonstration when no operation is performed for more than 1 minute while the Home screen is displayed (photos and music demonstration are played). The default setting is [Off].	

## ^e Timer settings

ltem	Options/Description	
Set Start Timer	Starts playing a frame at a specified time. Up to 3 timer settings can be created.	
Set Stop Timer Sets this unit to go into standby mode at a specified time.		

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## **1** Initialization

About VGF-CP1

🔁 System settings

ltem

Device name

Auto power on/off

New info indicator

System information

Internal memory info

Important messages

ltem	Options/Description (underlined option is the default setting) Restores the system to the factory default.	
Initialize system		
Initialize settings	Returns the settings to their factory default. All registered frames are deleted, and sample frames are restored to the default:	
Initialize internal memory	Resets internal memory to the factory default. All registered photos and music files are deleted, and sample photos and music files are restored to the defaults.	
Initialize cache	<ul> <li>Resets the cache memory to the factory default.</li> <li>Data stored in the cache memory is deleted; however, photo files remain undeleted.</li> <li>When displaying photos on this unit, the photo data will be stored in the cache memory temporarily. Once a photo is recognized as unknown data, this photo will be displayed as unknown data next time.</li> <li>Perform [Initialize cache] for the following cases:</li> <li>"Not Authorized" is displayed immediately after uploading photos to the Internet Web service.</li> <li>Despite rotating a photo in the Internet Web service, the photo is displayed not rotated.</li> <li>The correct photo is not displayed after assigning the identical file name to</li> </ul>	

Options/Description (underlined option is the default setting)

Turns the power on automatically when the ambient light around this unit reaches a certain level, and this unit goes into standby mode automatically when the ambient light drops below a certain level. The default setting is [Off].

Sets up the lighting pattern of the New Info indicator (always off in standby mode).

[Always on (with new arriv.)], [Auto on/off (with new arriv.)], [Always on], [Always off].

Displays update information and some other important information. When updating is completed, the power of this unit turns off automatically. After confirming the power is turned off, disconnect the AC adapter, and leave for

Displays [MAC address], [IP address] and [About software].

more than 30 seconds, then connect the AC adapter again.

Displays the current usage of the internal memory.

Displays copyright and trademark information.

Registers a device name for this unit.

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## Troubleshooting

## Troubleshooting

If a problem occurs, check the following tables with the operating instructions and/or electronic manuals supplied with your computer. In addition, see "Getting Help" (page 58) for details, and visit our online support site.

## Turning on the power

Condition	Cause/Remedy
The power cannot be turned	ightarrow Make sure the AC power adapter is securely plugged into AC IN on the
on.	unit and the wall outlet (page 10, 11).
	→ Static electricity may cause a malfunction. In this case, disconnect the
	AC power adapter and leave for more than 30 seconds, then connect
	the AC power adapter again.

## Displaying data on the browse screen

Condition	Cause/Remedy
[Cannot show the server list] is	$\rightarrow$ This unit may not be connected to a memory or server properly.
displayed.	Perform the connection test.
	$\textcircled{1}$ Display the server list in [ $lac{1}$ Photos] or [ $lac{1}$ Music], and select a
	memory or server you want to test, and then press OPTIONS.
	② Select [Connection test] in the Options menu, and press (ENTER).
	③ The connection test starts. Follow the on-screen instructions if connection fails.
	ightarrow Check the server settings on this unit when the Web service, Samba or
	Remote Home Access server is selected.
	ightarrow A folder storing no photos/or music files cannot be opened.
[Cannot show photos] is	➔ Some photo files may not be displayed depending on the file format.
displayed.	ightarrow Some photo files may not be displayed depending on the file size.
	ightarrow Some photo files may not be displayed if the files have been edited on
	a computer.

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Condition	Cause/Remedy
[Cannot play tracks] is displayed.	➔ Some music files may not be played back depending on the file format
[Cannot show the item] is displayed.	<ul> <li>This unit may not be connected to a network properly. Perform the connection test.</li> <li>③ Select (● Information] in the Home screen, and press (ENTER).</li> <li>④ Press OPTIONS.</li> <li>④ Salect [Connection test] in the Options many and press</li> </ul>
	<ul> <li>Select [Connection test] in the Options menu, and press (ENTER).</li> <li>The connection test starts. Follow the on-screen instructions if connection fails.</li> </ul>
Web service is not displayed in the list.	ightarrow The server may not be set. Check the Server settings.
The server using a software, such as "VAIO Media" is not displayed in the list.	<ul> <li>This unit or the server is not connected to the network. See the cause/remedy of "[A connection error occurred] is displayed." in "Connecting to Wireless Network" (page 55).</li> <li>A server is not active. Check the following: <ul> <li>The server is turned on.</li> <li>The server status ([Start/Stop server]) is [Start].</li> <li>This unit is registered with the server. For registration, refer to the Help section of the server software in use or the operating instructions supplied with the server.</li> </ul> </li> <li>The server may not be recognized when this unit is turned on before turning on the server. Select [Update information] in the Options menu to update a list.</li> <li>If a computer is used as a server, check the following: <ul> <li>The computer may be unstable. Restart the computer.</li> <li>This unit may not be connected to the computer with the Internet connection fire wall (ICF) function on. For fire wall information, see the Help section for the security software in use.</li> </ul> </li> </ul>
External memory is not displayed in the list.	→ The external memory may not be inserted correctly. Make sure the external memory is inserted in the correct direction.
[Cannot use this device] is displayed.	→ A USB device other than a Mass Storage cannot be used with this unit. A USB device that is not Mass Storage Class cannot be used.

[Canno display Shared

	Condition	Cause/Remedy
format. :he NTER).	Photo data is not recognized.	<ul> <li>Unsupported photo files cannot be recognized.</li> <li>Photos uploaded to the Web service on the Internet take time to be displayed with this unit. Wait for a while, and display the browse screer</li> <li>When a digital still camera is connected to this unit with a USB cable, the digital still camera may not be set to Mass Storage Class. For the Mass Storage Class setting, see the operating instructions supplied with the digital still camera.</li> </ul>
	Music data is not recognized.	➔ Unsupported music files cannot be recognized.
if	lt takes time to display photos. Sound interrupts during playback.	→ The frequency bandwidth of the wireless network may not be sufficient. Place the access point device near this unit without obstacles in-between.
ause/	Playing back a frame	
	Condition	Cause/Remedy
	[Cannot show photos] is displayed.	<ul> <li>This unit may not be connected to a memory or server properly.</li> <li>Perform the connection test.</li> </ul>
he	[Cannot play tracks] is displayed. [Cannot show the item] is	<ul> <li>① Display the server list in [D Photos] or [J Music], and select a memory or server you want to test, and then press OPTIONS.</li> <li>② Select [Connection test] in the Options menu, and press</li> </ul>
fore	displayed.	(ENTER). ③ The connection test starts. Follow the on-screen instructions if
menu		<ul> <li>connection fails.</li> <li>→ When a server using software, such as "VAIO Media" is specified to the frame, see the cause/remedy of "The server using a software, such as</li> </ul>
rnet		"VAIO Media" is not displayed in the list" in "Displaying data on the browse screen" (page 52).
i, see		<ul> <li>External memory specific to the frame may not be inserted correctly.</li> <li>Make sure the external memory is inserted in the correct direction.</li> </ul>
e		<ul> <li>The name of the folder specific to the frame may have been changed, or the folder specific to the frame may have been deleted. Check the</li> </ul>
s unit.		folder stored in the memory or server.
	[Cannot show photos] is displayed for members in a Shared frame.	➔ A member might have deleted the account of the Web service on the Internet.

Continued 55

Condition	Cause/Remedy	Con
[Cannot show photos.] is displayed in the Memories frame.	Photos shot or updated within one month from today can be displayed in the Memories frame. The last update date, usually the date the photo was shot, may be updated depending on the way the photo data is imported. If the photo data is edited, the date the photo was edited will become the last updated date.	<b>Conc</b> [A co is disp
Photos are not switched automatically in the Photos and Info, Shared and Memory frames.	<ul> <li>Photos may not be switched at the specified interval time immediately after playing back the frame. Wait for a while or press          <ul> <li>to switch to the next photo manually.</li> </ul> </li> <li>Photos are not switched automatically when NEW is displayed in Shared frame. Press          <ul> <li>to switch to the next photo manually.</li> <li>Method frame. Press              <ul> <li>to switch automatically.</li> </ul> </li> </ul></li></ul>	
NEW is not displayed in the Shared frame.	Photos uploaded to a Web service on the Internet take time to be displayed on the unit. Wait for a while, then play back the frame.	
The clock does not work properly in the Photos and Info frame.	Date and time may be reset with the unit disconnected from the AC adapter. Set the date and time by [ [®] Date and time settings] in [ ² Settings].	
News is not displayed in the Photos and Info frame.	→ This unit may not be connected to the network. See the cause/remedy of "[Cannot show the item] is displayed." in "Playing back a frame" (page 53).	[Canr displa
The same photo is displayed repeatedly in the Photos frame.	→ As a system restriction, the same photo may be displayed repeatedly immediately after starting the frame. This is not a malfunction.	[The c Unab displa
Start timer does not work properly.	<ul> <li>The start timer may be set to [Off.] Check the start timer setting.</li> <li>The frame specified by the start timer may have been deleted. If deleted, the start timer setting is reset to the factory default.</li> <li>The start timer may not work if the Settings, Options or browse screen is displayed at the time the start timer is set.</li> </ul>	
Stop timer does not work properly.	<ul> <li>The stop timer may be set to [Off.] Check the stop timer setting.</li> <li>The stop timer may not work if the Settings, Options or browse screen is displayed at the time the stop timer is set.</li> </ul>	

## **Connecting to Wireless Network**

	Condition	Cause/Remedy
e date	[A connection error occurred]	ightarrow This unit is not connected to the network. Check the following.
photo	is displayed.	- The WLAN ON/OFF switch is set to ON.
as		<ul> <li>The network setting is correct.</li> </ul>
		<ul> <li>All cables are connected securely.</li> </ul>
iately		- The connected device(s), such as the access point device (wireless
o the		LAN router), is turned on.
		<ul> <li>The cable type (straight or cross) is correct.</li> </ul>
		ightarrow The MAC address is required for network connection depending on
		the access point setting. The MAC address can be checked in [System
		information] of [🐿 System settings] in î 🕰 Settings].
		ightarrow The frequency bandwidth of the wireless network may not be
		sufficient. Place the access point device or wireless adapter near this
NC		unit without obstacles in-between.
		ightarrow A device, such as a microwave, around this unit may cause interference
		and result in poor communication.
	[Cannot find an access point] is	→ This unit is not connected to the network. See the cause/remedy of "[A
nedy	displayed.	connection error occurred] is displayed." in "Connecting to Wireless
age		Network."
	[The connection test failed.	➔ The server setting may not be correct. Check the setting.
lly	Unable to log on to a server] is	→ This unit may not be connected to the network. See the cause/remedy
	displayed.	of "[A connection error occurred] is displayed." in "Connecting to
		Wireless Network."
		ightarrow This unit may not be connected properly to the server. Perform the
		connection test.
		$\textcircled{1}$ Display the server list in [ $\textcircled{1}$ Photos] or [ $\fbox{1}$ Music], and select a Web
een		service to test, and then press OPTIONS.
		② Select [Connection test] in the Options menu, and press - (ENTER).
reen		(3) The connection test starts. Follow the on-screen instructions if
		connection fails.
	[Failed to update the clock] is	→ The Internet time server may be unstable. Wait for a while to restart
	displayed.	updating.
	Auto updating of the clock	<ul> <li>This unit may not be connected to the network. See the cause/remedy</li> </ul>
	does not work properly.	of "[A connection error occurred] is displayed." in "Connecting to
	abes not work property.	Wireless Network."
		→ [Set automatically] of [ [®] Date and time settings] may be set to [Off].
		Check the setting (page 49).

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## Options

Options		Condit
Condition	Cause/Remedy	Dark sc
[Upload] is not displayed in the Options menu.	→ [Upload] is displayed only when browsing the external memory. Only photos stored in the external memory can be uploaded to the Web service on the Internet.	Does n operati
[Delete photos] is not displayed in the Options menu.	→ [Delete photos] is displayed only when browsing the internal or external memory. Only photos stored in the internal or external memory can be deleted.	
[The upload failed] is displayed. [Registration failed] is displayed.	<ul> <li>This unit may not be properly connected to a memory or server. Perform the connection test.</li> <li>① Display the server list in [1] Photos] or [1] Music], and select a memory or server to test, and then press OPTIONS.</li> <li>② Select [Connection test] in the Options menu, and press (ENTER).</li> <li>③ The connection test starts. Follow the on-screen instructions if the connection fails.</li> </ul>	Music s The We propert The vol adjuste
[The deletion failed] is displayed.	<ul> <li>→ This unit may not be connected to a memory properly. Perform the connection test.</li> <li>① Display the server list in [ Photos] or [ D Music], and select a memory to test, and then press OPTIONS.</li> <li>② Select [Connection test] in the Options menu, and press (ENTER).</li> <li>③ The connection test starts. Follow the on-screen instructions if the connection fails.</li> <li>→ If the Memory Stick media or SD/SDHC memory card is equipped with a write-protect switch, the switch may be set to the lock position. Set the switch to the unlock position.</li> </ul>	
[Cannot register this track] is displayed.	→ Some music files may not be stored depending on the file format. In this case, store the file in MP3 format.	

## Others

Condition	Cause/Remedy	
Does not accept operation. Does not work properly.	→ This unit may not work properly due to static electricity. Disconnect the AC adapter, and leave for more than 30 seconds, then connect the AC	
The remote control does not	<ul> <li>→ The battery may be inserted in the wrong direction. Insert the battery</li> </ul>	
work.	in the correct direction (page 11).	

Condition	Cause/Remedy
Dark screen. Poor visibility.	→ Adjust the brightness by [Brightness adjustment] of [ ¹ / ₁₀ Screen display in [ ² / ₁₀ Settings] (page 49).
Does not accept MUSIC operation.	<ul> <li>→ Pressing MUSIC will not work while the Settings or browse screen is displayed. To play back music, press MUSIC after closing the Settings or browse screen.</li> <li>→ If MUSIC is pressed while paused, MUSIC is unavailable until music starts playing back. Press MUSIC after starting playback.</li> </ul>
Music stops during playback.	→ Music playback stops automatically when the Settings or browse screen is displayed. Pressing MUSIC does not work until playback starts Press MUSIC after starting playback.
The Web site is not displayed properly.	ightarrow The Web site may not be displayed properly depending on the site.
The volume cannot be adjusted.	→ The volume can be adjusted only when playing back music. Adjust the volume during playback.

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#### **Getting Help** Spe This section provides information on how to get help and support from Sony, and troubleshooting tips for Displa your Digital Photo Frame. **About Sony's support options** Speake Memo Sony provides several support options for your Digital Photo Frame. If you have any questions regarding your Digital Photo Frame, refer to the following: Suppo This manual explains how to use your Digital Photo Frame. Suppo For customers in the United States and Canada Extern The Sony Customer Information Service Center offers information about your VAIO Interna computer and other Sony products that work with your computer. To contact Sony (availa Customer Information Service Center, call 1-888-4SONYPC (1-888-476-6972). Wirele □ Sony Computing Support provides instant access to information on commonly encountered problems. Type a description of the problem and the Knowledge Database Target searches for corresponding solutions online. Dimen You can visit Sony Online Support at: http://www.sony.com/pcsupport. Mass For customers in Europe Power VAIO-Link. For addresses and telephone numbers, refer to http://www.vaio-link.com/ For further service support information, refer to the Warranty/Customer support Power information. For customers in other countries and regions *1 Maxir □ VAIO Website provides Frequently Asked Questions and solutions. *2 WAV http://www.vaio-online.sony.com/ *³ Appr *4 AOSS

## Precautions/Others

## Specifications

Display	Size: 7 inch Resolution: 800 x 480 dots Color: Max. 16.77M
Speaker maximum output	L/R 1.6W
Memory cards	Memory Stick, Memory Stick PRO, Memory Stick Duo, Memory Stick PRO Duo, SD/ SDHC memory card, CompactFlash card (CF)
Supported photo file	JPEG, JPEG Progressive*', BMP*', PNG*', PNG Progressive*', GIF*', GIF Progressive*'
Supported music file	MP3, WAV ^{#2}
External connection terminal	USB terminal (1)
Internal memory (available for user)	Approx. 100MB*3
Wireless connection	IEEE 802.11b/g (WEP (64bit/128bit)/WPA-PSK (TKIP/AES)) Wireless LAN system supporting AOSS*4
Target computer	Windows® XP SP2, Windows Vista® with SP1-based computer, VGF-HS1 series
Dimension	177 (w) x 133.5 (h) x 33 (d) mm (without stand) 177 (w) x 131 (h) x 103 (d) mm (when placing with stand)
Mass	530g (with stand)
Power consumption	5.5W to 12W 3.1W (in standby mode)
Power (AC adapter)	Input: AC 100V-240V, 0.5A, 50/60Hz Output: DC 6V, 2.5A

*1 Maximum file size is 3MB.

 $^{\ast 2}\,$  WAV files cannot be copied to the internal memory.

*3 Approximately 85MB is available for photo files, and approximately 15MB for music files.

*4 AOSS™ is an easy connection and setting technology developed by Buffalo Technology.

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## Precautions

#### On handling your unit

- Do not lift or carry the unit by holding the stand only. Inclination of the unit may cause a malfunction.
- Do not drop or subject the unit to excessive shock. Doing so may result in data loss, or cause a malfunction.
- Do not place the unit in locations subject to extreme changes in temperature such as in direct sunlight or near a heater. Doing so may cause a malfunction.
- Do not insert any metallic object, such as a paper clip, into the unit.
- Do not place the unit in a location subject to mechanical vibration, or in an unstable position.
- Do not use this unit in a location subject to excessive dust since this unit is manufactured using extremely high precision technology. Doing so may cause a malfunction.
- Do not use this unit in a high humidity location.
- Do not use the unit in a poorly ventilated location.
- Do not place the unit near objects that are magnetized, or that generate electromagnetic energy. Doing so may cause a malfunction.

#### **On parts replacement**

This unit includes parts with a finite life expectancy; deterioration of such parts will depend on usage environment and frequency. Replace worn parts if significant performance degradation occurs as a result. If you have any questions or problems concerning your unit, consult the local dealers in your area. See "Getting Help" (page 58) for details, and visit our online support site.

#### On the LCD screen

- The LCD screen is manufactured using extremely high-precision technology so over 99.99% of the pixels are operational for effective use. However, some tiny black and/or bright dots (white, red, blue or green) may appear on the LCD screen. These dots are a normal result of the manufacturing process, and do not affect operation or signify malfunction.
- Do not place or drop objects on the screen, or do not lean on the screen with your hands or elbows.
- Do not scratch the screen with a cutter or other sharp tool.

#### On moisture condensation

If the unit is brought directly from a cold to a warm location, moisture may condense inside or outside the unit. In this state, your unit may not operate correctly, and may cause a malfunction. If moisture condensation occurs, wipe off any moisture with a dry soft cloth. If the screen gets cold, turn off the unit and wait about an hour for any moisture to evaporate.

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#### **On handling Memory Stick media**

Keep the following in mind to protect data on Memory Stick media.

• Do not touch a Memory Stick's connector with your finger or metallic objects.



- Do not attach a label to a Memory Stick other than the one supplied.
- Apply the label in the prescribed position on the Memory Stick.
- Use the storage case supplied with the Memory Stick media when carrying or storing.
- Do not bend, drop, or apply strong shock to a Memory Stick.
- Do not disassemble or modify a Memory Stick.
- Do not let a Memory Stick become wet.
- Do not use or store a Memory Stick in a location subject to:
  - Extremely high temperatures, such as in a car parked in the sun
  - Direct sunlight
  - High humidity or highly corrosive atmosphere

#### **On using Memory Stick Duo media**

- Be careful not to apply excessive force when writing on the memo area of a Memory Stick Duo.
- Make sure the Memory Stick Duo is inserted facing in the correct direction. If you insert a Memory Stick Duo in the wrong direction, the Memory Stick slot and media may be damaged.
- Do not insert a Memory Stick and Memory Sick Duo at the same time. Doing so may damage the Memory Stick slot and media.

#### On the AC adapter

- For your safety, do not use the AC adapter other than the AC adapter supplied with your unit.
- Do not use an electronic transformer (travel converter), as this may cause a malfunction.
- For your safety, do not use an AC adapter with a damaged cable.

#### On using the software

The software supplied with your unit is provided under the royalty contract and the license agreement, and unauthorized copying of the software by lending or borrowing is strictly prohibited by law. Be sure to read the software license agreement carefully before using the software.

#### On cleaning your unit

- Before cleaning, turn off the unit, and then disconnect the power cord from the wall outlet.
- Wipe off any surface dirt or dust with a dry cloth.
- Be sure to wipe off the dirt or dust with a soft and dry cloth. If the surface is soiled, clean with a soft cloth lightly moistened with water, and then wipe the surface with a dry soft cloth.
- Do not use chemical cleaners containing benzene, acetone, alcohol or thinner as they may damage the surface.
- When using a chemical cloth, follow its instructions.

#### On cleaning the LCD screen

- Avoid touching the LCD screen as it has a special coating.
- When cleaning, use a dry soft cloth and lightly wipe off.
- If the surface is soiled, clean with a soft cloth lightly moistened with water, and then wipe the surface with a dry soft cloth.
- Do not use a chemical cloth or chemical cleaners containing benzene, acetone, alcohol or thinner as they may damage the surface treatment of the screen.





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