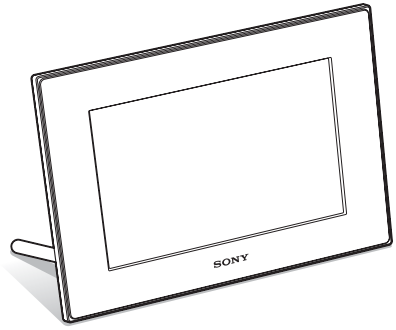
SONY

4-155-760-**11** (1)

Before operation
Basic operations
Advanced operations
Using a computer
Error messages
Troubleshooting
Additional information

Digital Photo Frame

DPF-A72N/E72N/D72N



Operating Instructions

Before operating this unit, please read this manual thoroughly and retain it for future reference.

Owner's Record

The model and serial numbers are located at the rear.
Record the serial number in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.
Model No. DPF-A72N/E72N/D72N
Serial No. _____

Product lineup differ by country and region.

MEMORY STICK ™

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S-Frame

WARNING

To reduce fire or shock hazard, do not expose the unit to rain or moisture.

Do not expose the batteries to excessive heat such as sunshine, fire or the like.

CAUTION

Replace the battery with the specified type only. Otherwise, fire or injury may result. Dispose of used batteries according to the instructions.

For the customers in the U.S.A.

CAUTION

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

If you have any questions about this product, you may call:

Sony Customer Information Services Center
1-800-222-SONY (7669)

The number below is for the FCC related matters only.

Regulatory Information

Declaration of Conformity

Trade Name:	SONY
Model No.:	DPF-A72N
Responsible Party:	Sony Electronics Inc.
Address:	16530 Via Esprillo, San Diego, CA 92127 U.S.A.
Telephone No.:	858-942-2230

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.

Declaration of Conformity

Trade Name:	SONY
Model No.:	DPF-D72N
Responsible Party:	Sony Electronics Inc.
Address:	16530 Via Esprillo, San Diego, CA 92127 U.S.A.
Telephone No.:	858-942-2230

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.

Note:

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.

For the State of California, USA only

Perchlorate Material - special handling may apply, See

www.dtsc.ca.gov/hazardouswaste/perchlorate

Perchlorate Material: Lithium battery contains perchlorate.

For the Customer in Europe

This product has been tested and found compliant with the limits set out in the EMC Directive for using connection cables shorter than 3 meters (9.8 feet).

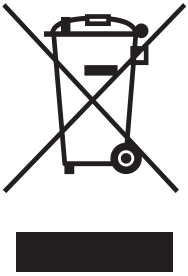
Attention

The electromagnetic fields at the specific frequencies may influence the picture of this digital photo frame.

Notice

If static electricity or electromagnetism causes data transfer to discontinue midway (fail), restart the application or disconnect and connect the communication cable (USB, etc) again.

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



This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

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.

On certain batteries this symbol might be used in combination with a chemical symbol. The chemical symbols for mercury (Hg) or lead (Pb) are added if the battery contains more than 0.0005% mercury or 0.004% lead.

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 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.

Notice for the customers in the countries applying EU Directives

The manufacturer of this product is Sony Corporation, 1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan. The Authorized Representative for EMC and product safety is Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany. For any service or guarantee matters please refer to the addresses given in separate service or guarantee documents.

Continued

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When using photo images with this digital photo frame, pay special attention not to infringe the provisions of the copyright law. Any unauthorized use or modification of there's portrait may also infringe their rights.

For some demonstrations, performances, or exhibits, photography may be forbidden.

Backup recommendations

To avoid potential risk of data loss caused by accidental operation or malfunction of the digital photo frame, we recommend that you save a backup copy of your data.

Information

IN NO EVENT SHALL SELLER BE LIABLE FOR ANY DIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE, OR LOSSES OR EXPENSES RESULTING FROM ANY DEFECTIVE PRODUCT OR THE USE OF ANY PRODUCT.

Sony shall assume no responsibility for any accidental or consequential damages or loss of the recording contents which may be caused by use or malfunction of the digital photo frame or memory card.

Notes on LCD screen

- Do not press against the LCD screen. The screen may be discolored and that may cause a malfunction.
- Exposing the LCD screen to direct sunlight for long periods may cause malfunctions.
- The LCD screen is manufactured using extremely high-precision technology, so over 99.99% of the pixels are operational for effective use. However, there may be some tiny black points and/or bright points (white, red, blue or green in color) that constantly appear on the LCD screen. These points are normal in the manufacturing process and do not affect the viewing in any way.
- Images may trail across on the LCD screen in a cold location. This is not a malfunction.

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- S-Frame, Cyber-shot, MEMORY STICK, "Memory Stick", MEMORY STICK, "Memory Stick Duo", MEMORY STICK DUO, "MagicGate Memory Stick", "Memory Stick PRO", MEMORY STICK PRO, "Memory Stick PRO Duo", MEMORY STICK PRO DUO, "Memory Stick PRO-HG Duo", MEMORY STICK PRO-HG DUO, "Memory Stick Micro", MEMORY STICK MICRO, M2, "Memory Stick-ROM", MEMORY STICK-ROM, "MagicGate", and MAGICGATE are trademarks or registered trademarks of Sony Corporation.
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- xD-Picture Card or xD-Picture Card™ is a trademark of FUJIFILM Corporation.
- The photo frame contains fonts from Monotype Imaging Inc.
- This software is based in part on the work of the Independent JPEG Group.
- Libtiff
  Copyright © 1988 - 1997 Sam Leffler
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On the illustrations and screen shots used in this manual

The illustrations and screen shots used in this manual are of the DPF-D72N unless noted otherwise.

The illustrations and screen shots used in this manual may not be identical to those actually used or displayed.

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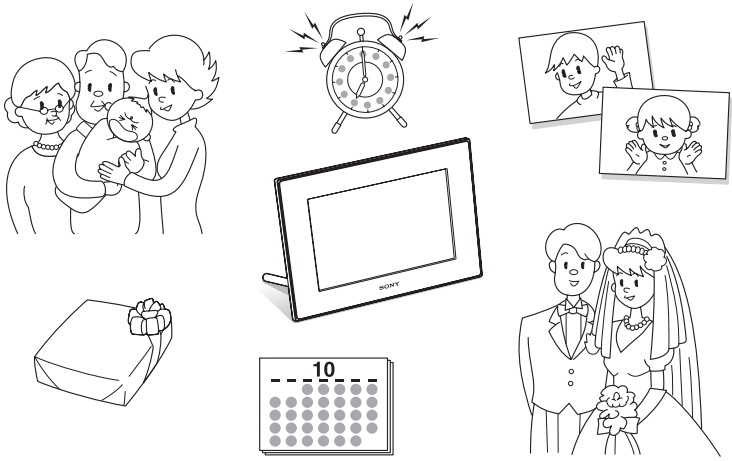
Enjoying your photo frame in various ways

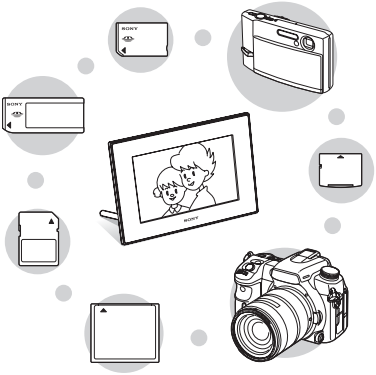
The Sony DPF-A72N/E72N/D72N is a digital photo frame for easily displaying images taken with a digital camera or other device, without using a computer.



Features

■ Support for various memory cards

Supports various memory cards, such as a "Memory Stick", CompactFlash card (DPF-D72N only), SD memory card, and xD-Picture Card. Just insert a memory card removed from a digital camera or other device, and you will be able to view the images immediately. (➞page 22)

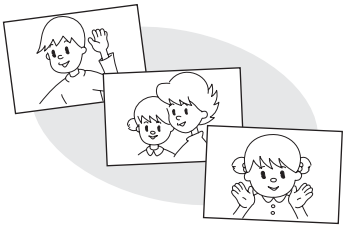


■ Various display functions

You can enjoy various viewing modes, such as the slideshow display, Clock and calendar display, Single view mode, and Index image display. (➞page 23)

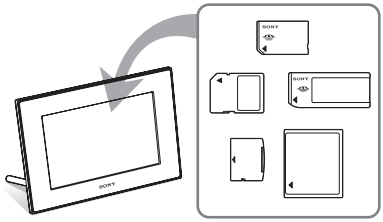
■ Various modes

The displayed image can be switched automatically as though you are turning the pages of an album yourself. You can select from various modes, including just images, a clock, or calendar view. You can also change playback settings such as the playback order. (➞page 29)



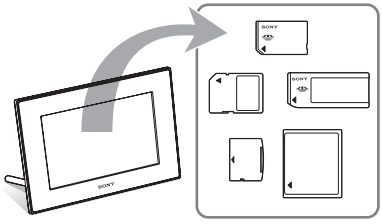
■ Adding images to internal memory

The images you add to the album are saved in internal memory. (➞page 32)



■ Exporting images

You can export images in the album to your memory card. (➞page 34)



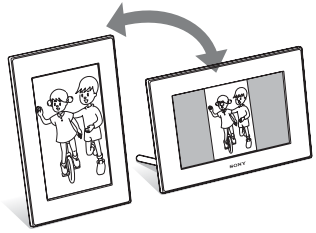
Continued

■ Search function (DPF-D72N only)

You can search for images by folder, and mark. (→page 39)

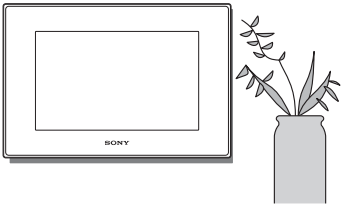
■ Automatic rotation of images

The photo frame automatically rotates images to their proper orientation. Images are also automatically rotated when the photo frame is set in either the portrait or landscape position. (→page 15)



■ Displaying images on a wall

You can hang the photo frame on the wall. (→page 16)



Checking included items

Make sure that the following items are included.

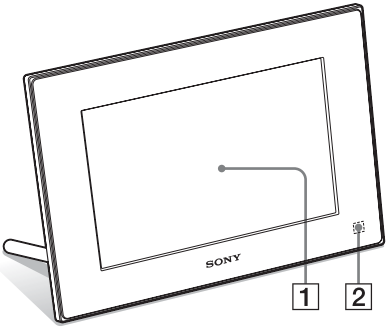
- Digital photo frame (1)
- Stand (1)
- Remote control (1)
- AC adaptor (1)
- Exchangeable panel (2) (DPF-E72N only)
- Operating Instructions (this manual) (1)
- Read This First (1)
- Warranty (1)
  (In some regions, the warranty is not supplied.)

Identifying the parts

For details, see the pages indicated in the parentheses.

The illustrations are of the DPF-D72N. The locations and names of buttons and connectors of the DPF-A72N/E72N are identical to those of the DPF-D72N, except that the DPF-A72N/E72N are not equipped with CompactFlash card/Microdrive slot.

Front

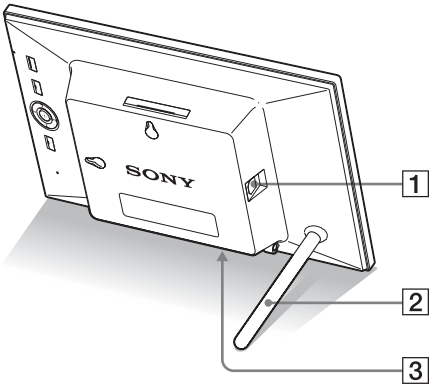


1 LCD screen

2 Remote sensor

When using the supplied remote control, point it at this sensor.

Rear



1 USB B connector (page 47)

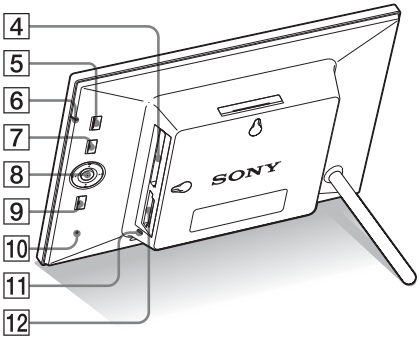
Connect a USB cable when you want to use the photo frame with a computer.

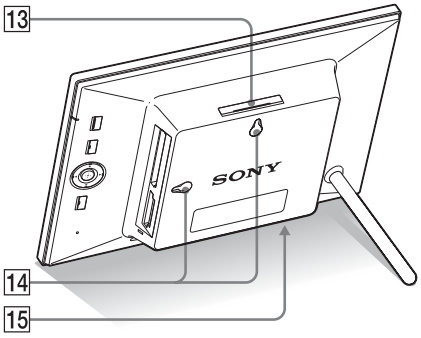
2 Stand (page 15)

3 DC IN 5 V jack (page 18)

Insert the DC plug of the supplied AC adaptor to this jack, and connect the AC adaptor and the wall outlet.

Continued





4 CompactFlash card/Microdrive slot (→page 22) (DPF-D72N only)

5 ⏻ (on/standby) button

6 Standby indicator

7 MENU button

Displays the menu.

From the menu, you can operate the same functions as those of the buttons on the remote control, such as [Slideshow Settings], [Rotate], [Add to album] and [Date/time settings].

8 Direction (←/→/↓/↑) buttons, ⊹

Press ←/→/↓/↑ to select the menu items. Then press ⊹ to enter the selection.

9 BACK button

Returns to the previous screen.

10 Reset switch

If the photo frame does not operate at all with the power on, use a long, thin object such as a pin to push the switch.

11 Access lamp

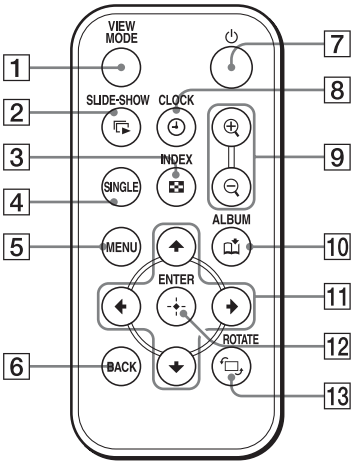
12 "Memory Stick PRO" (Standard/Duo)/SD memory card/MMC/xD-Picture Card slot (→page 22)

13 VIEW MODE button (→page 23)

14 Holes for hanging unit on the wall (→page 16)

15 Space for storing stand

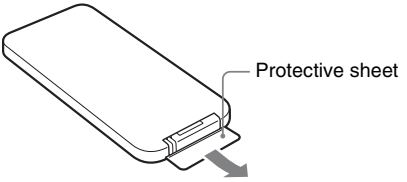
Remote control



1 **VIEW MODE button (➞page 23)**
2 **SLIDE-SHOW ( ) button (➞page 23)**
3 **INDEX ( ) button (➞page 23)**
4 **SINGLE (SINGLE) button (➞page 23)**
5 **MENU button**
6 **BACK button**
7 **⏻ (on/standby) button**
8 **CLOCK ( ) button (➞page 23)**
9 **Zoom in ( )/Zoom out ( ) buttons (➞page 40)**
10 **ALBUM ( ) button (➞page 32)**
11 **Direction (←/→/↓/↑) buttons**
12 **(enter) button**
13 **ROTATE ( ) button (➞page 41)**

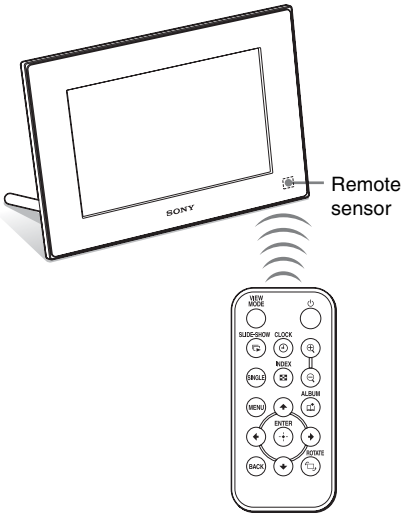
Preparing the remote control

The supplied lithium battery (CR2025) has already been inserted into the remote control. Pull out the protective sheet before use as shown in the figure.



Using the remote control

Point the top end of the remote control towards the remote sensor on the photo frame.



Note

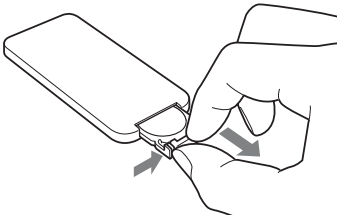
The photo frame may fall if you use the buttons on the photo frame when it is hanging on the wall. Operate the photo frame using the remote control.

Replacing the battery of the remote control

If the remote control stops working, replace the battery (CR2025 lithium battery) with a new one.

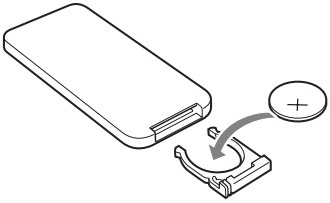
1 Pull out the battery holder.

While pressing in the tab of the battery holder, pull out the battery holder.



2 Remove the old battery from the battery holder and then insert a new battery.

Insert the battery so that "+" is facing upwards.



3 Reinsert the battery holder into the remote control.

WARNING

Battery may explode if mistreated. Do not recharge, disassemble or dispose of in fire.

Notes

- When the lithium battery becomes weak, the operating distance of the Remote control may shorten, or the Remote control may not function properly. In this case, replace the battery with a Sony CR2025 lithium battery. Use of another battery may present a risk of fire or explosion.

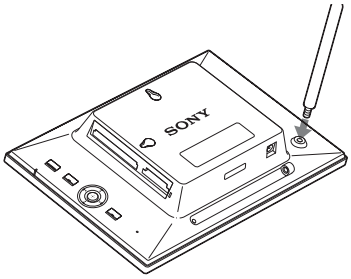
- Using a battery other than the specified one may result in the battery rupturing.
- Dispose of used batteries as specified by the local authorities.
- Do not leave the remote control in a very hot and humid place.
- Take care that no foreign objects get inside the remote control when you, for example, replace the battery.
- Incorrect use of the battery may cause leaking and corrosion.
  - Do not recharge the battery.
  - When the remote control will not be used for a long period of time, remove the battery from the remote control to prevent leaking and corrosion.
  - Incorrectly inserting, shorting, dismantling, or heating the battery, or throwing it into a fire may cause the battery to rupture or leak.

About descriptions in this manual

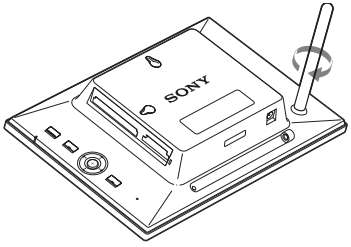
The operations described in this manual are based on remote control operation. When an operation is performed differently, for example, with the remote control and the buttons on the photo frame, it will be explained in a tip.

Setting the stand

1 Hold the photo frame tightly and insert the stand straight into the screw hole on the rear panel.

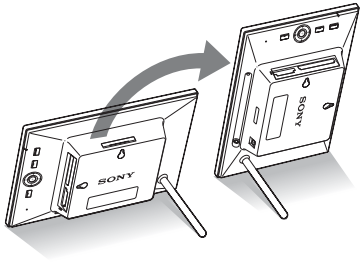


2 Screw the stand into the screw hole firmly until the stand stops turning.



Setting to portrait or landscape orientation

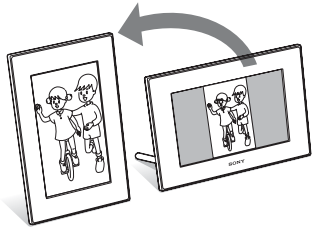
You can set the photo frame to portrait or landscape orientation by rotating it without moving the stand.



Continued

When the photo frame is placed in the portrait orientation, the image is also automatically rotated to its proper orientation.

DPF-D72N only: The directions indicated on the direction button on the rear panel depend on the orientation of the photo frame.



Notes

- Check whether the stand is stable. If the stand is not set properly, the photo frame may fall over.
- DPF-A72N/D72N only: When the photo frame is placed in the portrait orientation, the Sony logo doesn't light up.
- The photo frame does not detect and rotate the orientation of images when [Auto display orientation] of [General Settings] on the (Settings) tab is set to [OFF].
- A magnet is contained in the storage portion of the stand. Do not keep anything that is easily affected by magnetism, such as a cash card or credit card, near the photo frame.
  If you place the photo frame near a cathode-ray tube television, the colors of the television screen may be affected.

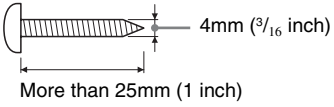
Tip

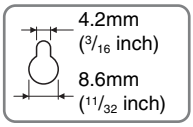
It is easier to turn the stand if you wind or wrap a rubber band tightly around the stand when you remove the stand from the photo frame.

To display the photo frame on the wall

You can hang the photo frame on the wall using the following procedure.

1 Prepare screws (not supplied) suitable for the screw holes on the rear panel.

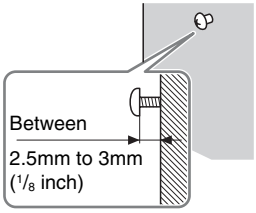




Holes for hanging the unit on the wall

2 Screw the screws (not supplied) into the wall.

Be sure the screws (not supplied) protrude between 2.5 to 3mm (1/8 inch) from the surface of the wall.

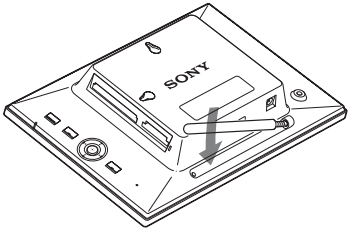


3 Hang the photo frame on the wall by fitting the one hole on the rear panel to the screws on the wall.

Notes

- Use screws suitable for the quality of the material of the wall. The screws may be damaged, depending on the type of material used in the wall. Set the screws in a pillar or stud in the wall.

- When you want to re-insert the memory card, remove the photo frame from the wall, then eject and re-insert the memory card while the photo frame is placed on a stable surface.
- Remove the stand and store it in the storage portion provided on the rear when you hang the photo frame on the wall.



Since a magnet is contained in the storage portion, you can keep the stand attached to the portion.

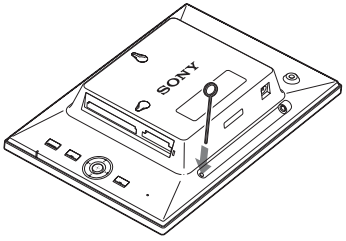
- Connect the DC cable of the AC adaptor to the photo frame and hang the photo frame on the wall. Then connect the AC adaptor to the wall outlet.
- We take no responsibility for any accidents or damage caused by defects of attachment, misuse, or natural disasters, etc.

To exchange a panel

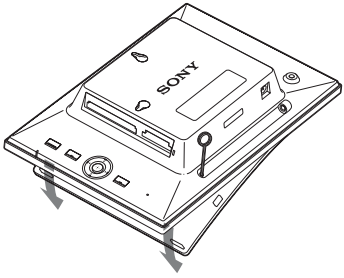
(DPF-E72N only)

You can exchange the original panel with an exchangeable panel supplied.

1 Insert a long, thin object such as a pin into the hole next to the space for storing stand on the rear of the photo frame and lift up the front panel.

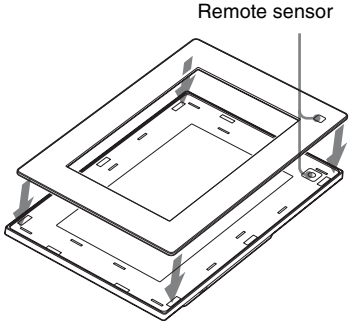


2 Remove the panel.

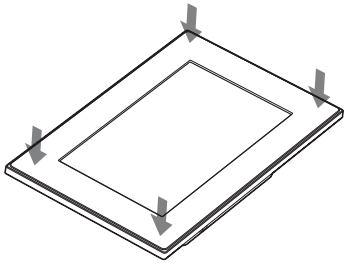


Continued

3 Place an exchangeable panel to the photo frame, while aligning the hole on an exchangeable panel to the remote sensor of the photo frame.



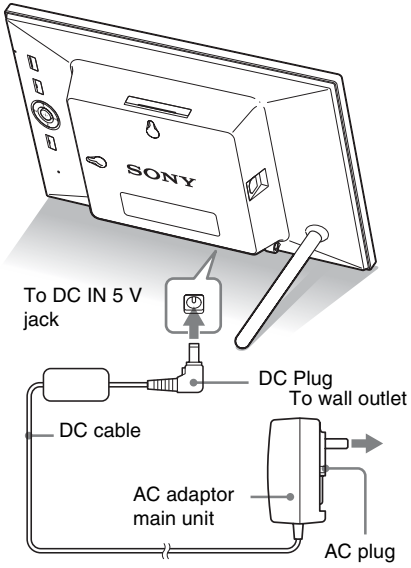
4 Press the four corners of the exchangeable panel to snap it into the photo frame.



Connecting to the AC power source

1 Insert the plug of the AC adaptor into the DC IN 5 V jack on the rear of the photo frame.

2 Connect the AC adaptor to the wall outlet.
The photo frame is automatically turned on.



Notes

- The socket outlet should be as close as possible to the unit, and easily accessible.
- Do not place the photo frame on an unsteady or tilted surface.
- Connect the AC adaptor to an easily accessible wall outlet close by. If trouble occurs while using the adaptor, immediately shut off the power by disconnecting the plug from the wall outlet.

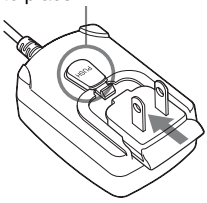
- Do not short the plug of the AC adaptor with a metal object. Doing so may cause a malfunction.
- Do not use the AC Adaptor placed in a narrow space, such as between a wall and furniture.
- Insert the plug of the AC adaptor firmly, if the connection is loose, the photo frame may turn off when it is moved.
- After use, remove the AC adaptor from the DC IN 5 V jack of the photo frame, and remove the AC adaptor from the outlet.
- Even if your photo frame is turned off, AC power (house current) is still supplied to it while connected to the wall outlet via the AC adaptor.
- Do not turn the photo frame off or disconnect the AC adaptor from the photo frame before the standby indicator turns red. Doing so may damage the photo frame.

About the AC plug

Attaching the AC plug

Attach the AC plug to the AC adaptor main unit as follows:

PUSH tab clicks when the AC plug is slid firmly into place.

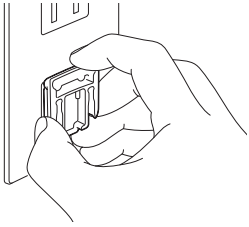


Notes

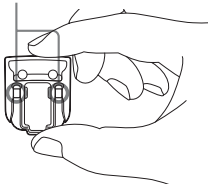
- The AC plug may be removed from the AC adaptor main unit by pushing the “PUSH” tab. When using the AC adaptor, however, you do not have to remove the AC plug. Make sure to use the AC adaptor with the AC plug firmly attached. If the AC plug is removed, slide it into the AC adaptor main unit until it clicks into place as illustrated above.
- The AC plug shape may differ depending on the region you purchase the photo frame.

Removing the AC plug from the wall outlet

If the AC plug remains inserted in the wall outlet, remove it as follows:



Metal terminals at the rear of the AC plug.



Notes

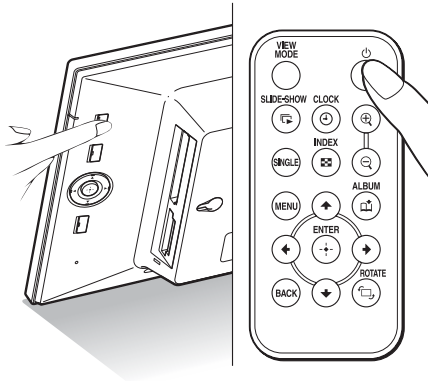
- If handled roughly, the AC plug may become detached from the AC adaptor main unit and remain in the wall outlet. If this occurs, grasp the AC plug with dry hands as illustrated above and remove it from the wall outlet. Do not use a tool. Be careful not to touch the metal terminals at the rear of the AC plug.
- Check to see if there is no trouble with the AC adaptor main unit and AC plug, and then slide the AC plug into the AC adaptor main unit until it clicks into place.
- If there is any problem with the AC adaptor main unit or AC plug, consult with your Sony service facilities for repair.

Turning the photo frame on

When you have already turned on your photo frame in the previous section, skip to the next section.

Turning on the power

Press ⏻ (on/standby) on the photo frame or remote control to turn on the power. The standby indicator turns to green from red. The Sony logo on the front panel lights up (DPF-A72N/D72N only).



Turning off the power

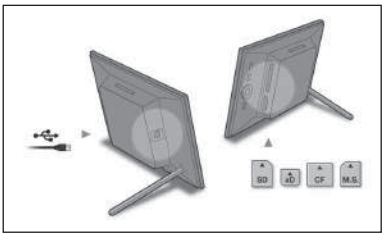
Hold ⏻ (on/standby) on the photo frame or remote control until the power turns off. The standby indicator turns to red from green.

Note

Do not turn the photo frame off or disconnect the AC adaptor from the photo frame before the standby indicator turns red. Doing so may damage the photo frame.

Operations in an initial state

When the photo frame is turned on without a memory card connected, the initial display below appears on the screen.



If the photo frame is not operated for 10 seconds, the demo mode is displayed. If any other button than the power button is pressed, the screen returns to the initial display.

First, press MENU during the initial display, and then set the date and time.

Setting the current time

The clock of the photo frame needs to be adjusted in order to display an accurate time in the clock and calendar view modes.

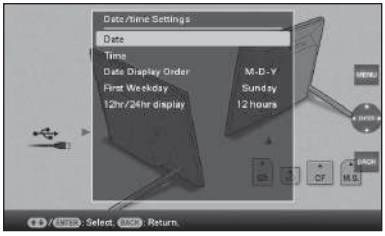
1 Press MENU.
The menu screen is displayed.

2 Press ←/→ to select the (Settings) tab.
The settings screen is displayed.

Tip

You can use the ←/→ buttons only when a memory card is inserted in the photo frame, or anything other than the clock and calendar settings item (page 25) are selected.

3 Press ↓/↑ to select [Date/time settings] and then press ⊕.
The Date/time settings screen is displayed.



4 Adjust the date.
①Press ↓/↑ to select [Date] and then press ⊕.
②Press ←/→ to select month, day, and year, and then press ↓/↑ to select a value, then press ⊕.

5 Adjust the time.
①Press ↓/↑ to select [Time] and then press ⊕.
②Press ←/→ to select hour, minute, and second, and then press ↓/↑ to select a value, then press ⊕.

6 Select the format of the date.
①Press ↓/↑ to select [Date Display Order] and then press ⊕.
②Press ↓/↑ to select a format and then press ⊕.
- Y-M-D
- M-D-Y
- D-M-Y

7 Set the day to start the week for the calendar.
You can set the day that appears on the very left when the calendar is displayed.
①Press ↓/↑ to select [First Weekday] and then press ⊕.
②Press ↓/↑ to select [Sunday] or [Monday] and then press ⊕.

8 Select the time display.
①Press ↓/↑ to select [12hr/24hr display] and then press ⊕.
②Press ↓/↑ to select [12 hours] or [24 hours] and then press ⊕.

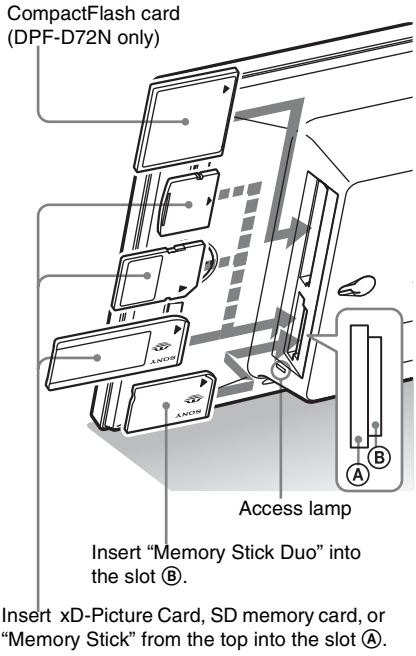
9 Press MENU.
The menu screen is closed.

Inserting a memory card

Insert the memory card firmly into the corresponding slot with its label side facing toward you (when you are facing the back side of the photo frame).

The access lamp flashes when the memory card is inserted correctly. Reinsert the memory card after checking the label side of the memory card if the access lamp does not flash.

For details on the memory cards you can use with this photo frame, see pages 56 to 58.



To remove a memory card

Remove the memory card from its slot in the opposite direction from which it was inserted.

Notes

- When inserting the memory card, it will only insert part of the way, so do not try to force it as this could damage the memory card and/or photo frame.
- The “Memory Stick PRO” (Standard/Duo)/SD memory card/MMC/xD-Picture Card multi-purpose slot automatically detects the card type. The slot is also both a “Memory Stick” standard and Duo size compatible slot, so you do not need a “Memory Stick” adaptor.
- Do not insert multiple memory cards into Ⓐ, Ⓑ or CompactFlash card/Microdrive (DPF-D72N only) slots simultaneously. If multiple memory cards are inserted, the photo frame will not work properly.
- Before using a memory card, see “About memory cards” on page 56.

Display priority of images

If a memory card is inserted, the images of the inserted memory card are displayed automatically.

To manually change the memory card to be displayed, specify it in ▶ (Select device) menu (page 40).

The photo frame displays the images of the device in the following priorities.

- **Memory cards ➡ Internal memory**
- **If no memory card is inserted,** the images saved in the album in the internal memory are displayed.

Notes

- Due to one of the characteristics of the internal memory device, images stored for long time or read many times may be subject to data error when read too often.
- For the file formats that the photo frame can display, see page 59.

Changing the display

1 Press VIEW MODE.
The view mode screen is displayed.

2 Select the group you want.

Group	Explanation
Slideshow	Displays a slideshow display style.
Clock and calendar	Displays a clock or calendar style.
SINGLE	Displays a single image style.
Index	Displays a thumbnail list style.

Tip

Select the group you want using ←/→ after moving the cursor to the group area using ←/→/↓/↑, when you operate the photo frame using the buttons on the photo frame.

3 Press ←/→/↓/↑ or VIEW MODE to select the style you want and then press ⊕.

Note

If you have not operated the photo frame for an extended period of time, the style the cursor is on will be selected automatically.

Slideshow display

Group	Image	Style	Explanation
Slideshow	Ⓐ	Single view	Displays one image after another.
	Ⓑ	Multi image view	Displays multiple images at the same time.
	Ⓒ	Clock view	Displays images with the present date and time.
	Ⓓ	Calendar view	Displays images, one after another, while showing a calendar. The present date and time is displayed.
	Ⓔ	Time Machine (DPF-D72N only)	Displays images with the shooting date and time. The present date and time cannot be displayed.
	Ⓕ	Random view	Displays images while randomly switching between a number of different slideshow styles and effects.

Ⓐ

Ⓑ

Ⓒ

Ⓓ

Ⓔ

Ⓕ

Tips

- If the power is on, and no memory card is inserted, the images stored in internal memory are displayed. If no images are saved in internal memory, demonstration mode starts automatically. Demonstration mode ends if a button other than ⏻ (on/standby) is pressed.
- For details on the playback order in a slideshow display, see page 31.
- You can set the interval, effect, listing order, or color effect when you select the slideshow display. Refer to “Slideshow Settings” (page 31).
- You can select the single view mode when you press ✣ on the photo frame when the image you want appears in the slideshow display.
- You can use the VIEW MODE button on the photo frame.

Clock and calendar display

Clock 1

Clock 2

Clock 3

Clock 4

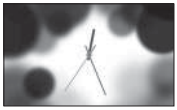
Clock 5

Clock 6

Clock 7

Clock 8

Clock 9



Clock 10

Clock 11
(DPF-D72N only)

Calendar 1

Calendar 2

Calendar 3

Lunar Calendar
(when you select [Simplified Chinese] in [Language setting])
(DPF-D72N only)

Note

You can select only the (Settings) tab when the clock and calendar are displayed.

Tip

You can use the VIEW MODE button on the photo frame.

Single view mode

Group	Image	Style	Explanation
SINGLE	Ⓐ	Entire image	Displays an entire image in the screen. You can switch the images to be displayed by pressing ←/→.
	Ⓑ	Fit to screen	Displays an image over the whole screen. You can switch the images to be displayed by pressing ←/→.
	Ⓒ	Entire image (with Exif)	Displays image information, such as the image number, file name, and shooting date while displaying the entire image. You can switch the images to be displayed by pressing ←/→. Refer to “About the information display” (page 28) for details on the image information.
	Ⓓ	Fit to screen (with Exif)	Displays image information, such as the image number, file name, and shooting date in fit to screen mode. You can switch the images to be displayed by pressing ←/→. Refer to “About the information display” (page 28) for details on the image information.

Ⓐ

Ⓑ

Ⓒ

Ⓓ

Tips

- If the power is on, and no memory card is inserted, the images stored in internal memory are displayed. If no images are saved in internal memory, demonstration mode starts automatically. Demonstration mode ends if a button other than ⏻ (on/standby) is pressed.
- You can set the image display mode when you press ←/→ to select SINGLE and then press ←/→ to select the entire image mode or fit to screen mode after pressing VIEW MODE. Not all images are able to use the fit to screen mode.
- You can use the VIEW MODE button on the photo frame.

Index image display

Group	Image	Style	Explanation
Index	A	Index1	Displays a list of large thumbnails. You can select an image by pressing ←/→/↓/↑.
	B	Index2	Displays a list of thumbnails. You can select an image by pressing ←/→/↓/↑.
	C	Index3	Displays a list of small thumbnails (DPF-D72N only). You can select an image by pressing ←/→/↓/↑.

A

B

C

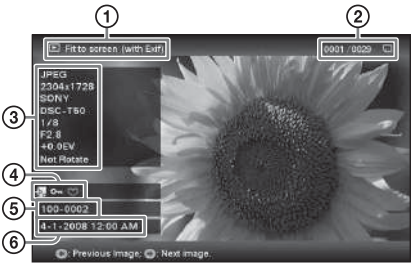
(DPF-D72N only)

Tips

- A thumbnail is a small-sized image for index use that is recorded in the pictures taken by a digital camera.
- If the power is on, and no memory card is inserted, the images in internal memory are displayed. If no images are saved in internal memory, demonstration mode starts automatically. Demonstration mode ends if a button other than ⏻ (on/standby) is pressed.
- You can select the single view mode when you press ⊹ on the photo frame when the image you want appears in the index image display.
- You can use the VIEW MODE button on the photo frame.

Continued

About the information display



The following information is displayed.

①Display type
- Entire image
- Fit to screen
- Entire image (with Exif)
- Fit to screen (with Exif)

②Ordinal number of the displayed image/Total number of images
Input media indication for the displayed image is shown as follows:.

Icons	Meaning
	Internal memory input
	"Memory Stick" input
	CompactFlash input
	SD Memory Card input
	xD-Picture Card input

③Image details
- File format (JPEG(4:4:4), JPEG(4:2:2), JPEG(4:2:0), BMP, TIFF, RAW)
- Number of pixels (width × height)
- Manufacturer name of image input device
- Model name of image input device
- Shutter speed (e.g.: 1/8)
- Aperture value (e.g.: F2.8)
- Exposure value (e.g.: +0.0EV)
- Rotation information

④Setting information

Icons	Meaning
	Protect indication
	Associated file indication (Displayed when there is an associated file such as a motion file or a miniature e-mail image file.)
	Displays when you have registered a mark.

⑤Image number (folder-file number)
This is displayed if the image is DCF compliant.
If the image does not comply with DCF, its file name is displayed. The displayed file name, however, may differ from the one displayed on your computer.

⑥Shooting date/time

Enjoying a slideshow

You can display images stored in the internal memory or on a memory card, one after another, automatically.

When you turn on the photo frame, the slideshow plays continuously from the previous play.

1 Press VIEW MODE.
The view mode screen is displayed.

2 Select (slideshow).

Tip

Select (slideshow) using ←/→ after moving the cursor to the group area using ←/→/↓/↑ when you operate the photo frame using the buttons on the photo frame.

3 Press ←/→/↓/↑ to select the style you want, then press .

Refer to “Slideshow display” (page 24) for details on the slideshow styles.

Changing the settings of the slideshow

1 Press MENU.
The menu is displayed.

2 Press ←/→ to select the (Settings) tab.
The settings screen is displayed.

3 Press ↓/↑ to select [Slideshow Settings] and then press .
The slideshow settings screen is displayed.

4 Press ↓/↑ to select the item and then press .
Refer to the tables on the next page for details on the setting items.

Notes

- Note the following when you select a slideshow using the image stored on the memory card.
  - Due to one of the characteristics of the memory card devices, images may be subject to data error when read too often.
  - Do not run a slideshow for a long time with a small number images. This may cause data error.
  - We recommend you back up images on the memory card often.
- When the photo frame is, for instance, displaying a slideshow, changes to the settings of some items are unavailable. These items are displayed in gray and cannot be selected.

Continued

- The slideshow starts from the first image if you turn off the photo frame, or if you reset the photo frame.
- When the screen is too bright, it may make you feel nauseous. Be careful that you do not make the brightness settings too bright when you use the photo frame.

Tip

You can also use the VIEW MODE button on the photo frame.

*: Factory default settings

Item	Setting	Description	
Slideshow Settings	Interval	Set a value from 3 sec., 7 sec.*, 20 sec., 1 min., 5 min., 30 min., 1 hour, 3 hours, 12 hours, 24 hours for the interval between images. Note An image may not switch at the intervals you set on the menu, depending on the style of the slideshow, color effect, or image size.	
	Effect	Center cross	Transitions to the next image as though the previous image is being pushed from the center to the four corners.
		Vert. blinds	Transitions to the next image as though blinds are being lowered vertically.
		Horiz. blinds	Transitions to the next image as though blinds are being pulled horizontally.
		Fade*	Transitions to the next image by fading out the current image and fading in the next image.
		Wipe	Transitions to the next image as though the current image is being wiped off the screen to reveal the next image.
		Random	Uses the above five effects randomly.
	Shuffle	ON	Displays images randomly.
		OFF*	Displays images according to the [Listing Order] setting of [General Settings].
	Color effect	Color*	Displays an image in color.
		Sepia	Displays an image in a sepia color.
		Monochrome	Displays an image in monochrome.
	Display Mode	Select the desired display size from the following: Note The original image data will not change.	
		Entire image*	Displays an entire image enlarged to proper size. (An image may be displayed with margins on the top, bottom, left and right.)
		Fit to screen	Zooms in at the center of the image enough to fill the whole screen. Note An image may not display with the display size you set on the menu, depending on the style of the slideshow.

Refresh mode
(DPF-D72N only)

Due to one of the characteristics of the device, images stored for a long time or read many times may be subject to data error when read too often.

This photo frame refreshes the internal memory automatically to prevent these errors, depending on the status of the internal memory.

The confirmation screen used for refreshing the internal memory is displayed automatically when the refresh is needed.

The refresh starts when you select [OK]. The Refresh also starts automatically when no operation is attempted for 30 seconds. If you select [Cancel], the confirmation screen used for refreshing the internal memory is displayed the next time.

Do not turn the photo frame to OFF while the internal memory is being refreshed. It may cause a malfunction.

It may take approximately 5 minutes to refresh the internal memory.

Notes

- We recommend that you perform a backup of your data periodically to avoid losing it.
- Do not run a slideshow with less than 10 images continuously if you have set the interval time for the slideshow to 3 seconds. You may not be able to protect some images in the internal memory.

Adding images to the internal memory

You can use the photo frame as a digital album, saving important images in the internal memory.

Tip

In [Image file size] of the menu, you can preset whether to optimize the size of images or save images as is, without compressing them, when you save them to the internal memory (page 46).

When [Image file size] is set to [Album], up to approx. 2,000 images (DPF-D72N), or approx. 250 images (DPF-A72N/E72N) can be added to the album. When set to [Original], the number of images that can be saved may vary, depending on the original image file size.

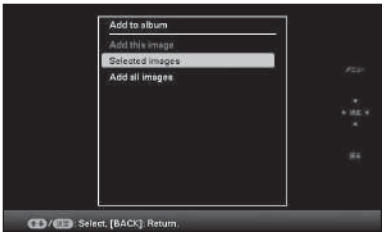
1 Press (Album) when an image stored on the memory card is displayed on the screen.

Tip

Select [Add to album] using ↓/↑ after pressing the MENU button and then select (Editing) using ←/→.

Single image display

Slideshow display



Index image display

2 Press ↓/↑ to select [Add this image], [Selected images] or [Add all images] and then press ⊕.

If you select [Add this image], the image currently displayed is added to the album. Go to step 4. (This item cannot be selected on the slideshow display.)

If you select [Selected images], you can select the image you want to add from the image list. Go to step 3.

If you select [Add all images], the image list is displayed. A check mark is attached to the check box of all the images. Go to step 4.

3 Specify the image to add from the image list.

About image searching in the image list (DPF-D72N only)

During a search: Displays all the images applicable to the criteria used for the search.

Other than during a search: Displays all images in the device displayed on the screen.

Refer to “Searching for an image (Filtering) (DPF-D72N only)” (page 39).

①Press ←/→/↓/↑ to select the image to add to the album and then press ⊕. A check mark will be attached to the check box of each selected image. Repeat this operation to add multiple images at the same time.

To cancel the selection, select images to cancel and then press ⊕ to delete the check mark in the check box.

②Press MENU.

The confirmation screen used for selecting a folder is displayed.

4 Press ↓/↑ to select the folder you want and press ⊕.

The confirmation screen used to decide whether to add an image or not to the internal memory is displayed.

Tip

A new folder is created automatically when you select [New folder].

5 Press ↓/↑ to select [Yes] and then press ⊕.

The image is saved in the specified folder in internal memory.

Continued

6 Press ⊕ when the confirmation screen is displayed.

Notes

- Images in the internal memory cannot be added to the album.
- Avoid doing the following while images are being added to the album of the internal memory. Doing so may damage the photo frame, memory card, or the data:
  - Turning off the power
  - Removing an memory card
  - Inserting another card

Tips

- To perform this operation using the remote control, press the MENU button on the remote control and then press ↓/↑ to select [Add to album] from (Editing) and then press ⊕.
- You can also use the MENU button on the photo frame.
- You can change the thumbnail size using [⊕/⊖] in the image list.
- Due to one of the characteristics of the internal memory device, images stored for long time or read many times may be subject to data error when read too often. We recommend that you perform a backup of your data periodically to avoid losing it.
- If you add many images in Album size at a time, it may take a long time.

Exporting an image

You can export the images in the internal memory to a memory card.

1 Press MENU when an image stored on the internal device is displayed on the screen.
The menu is displayed.

2 Press ←/→ to select the (Editing) tab.
The screen used for editing is displayed.

3 Press ↓/↑ to select [Export] and then press ⊕.
The Export menu is displayed.

Single image display

4 Press ↓/↑ to select [Export this image], [Selected images] or [Export all images] and then press ⊕.
If you select [Export this image], the image currently displayed is exported to the device. Go to step 6. (This item cannot be selected on the slideshow display.)
If you select [Selected images], you can select the image you want to export from the image list. Go to step 5.
If you select [Export all images], the image list is displayed. A check mark is attached to the check box of all the images. Go to step 6.

5 Specify the image to export from the image list.

About image searching in the image list (DPF-D72N only)

During a search: Displays all the images applicable to the criteria used for the search.

Other than during a search: Displays the image list of the album on the screen.

Refer to “Searching for an image (Filtering) (DPF-D72N only)” (page 39).

① Press ←/→/↓/↑ to select the image you want to export and then press ⊕. A check mark will be attached to the check box of each selected image.
Repeat this operation to export multiple images at the same time.
To cancel the selection, select images to cancel and then press ⊕ to delete the check mark in the check box.

② Press MENU.
The screen used for selecting the device to which to export is displayed.

6 Press ↓/↑ to select the device to which to export the image and then press ⊕.

7 Press ↓/↑ to select the folder you want to save and press ⊕.
The confirmation screen used to decide whether to export or not is displayed.

Tip

A new folder is created automatically when you select [New folder].

8 Press ↓/↑ to select [Yes] and then press ⊕.
The exporting is finished.

9 Press ⊕ when the confirmation screen is displayed.
The image is copied to the specified device.

Note

- Avoid doing the following while an image is being exported. Doing so may damage the photo frame, memory card, or the data:
  - Turning off the power
  - Removing an memory card
  - Inserting another card

Tips

- You can also use the MENU button on the photo frame.
- You can enlarge or reduce the image to export when you select the index image display.
- Any device that is not recognized by the photo frame is displayed in gray and you cannot select it.

Deleting an image

1 Press MENU when an image is displayed on the screen.
The menu is displayed.

2 Press ←/→ to select the (Editing) tab.
The screen used for editing is displayed.

3 Press ↓/↑ to select [Delete] and then press ⊕.

4 Press ↓/↑ to select [Delete this image], [Selected images] or [Delete all images] and then press ⊕.
If you select [Delete this image], the image currently displayed is deleted. Go to step 6. (This item cannot be selected on the slideshow display.)
If you select [Selected images], you can select the image you want to delete from the image list. Go to step 5.
If you select [Delete all images], the image list is displayed. A check mark is attached to the check box of all the images. Go to step 6.

5 Specify the image to delete from the image list.
About image searching in the image list (DPF-D72N only)
During a search: Displays all the images applicable to the criteria used for the search.
Other than during a search: Displays all images in the device displayed on the screen.
Refer to "Searching for an image (Filtering) (DPF-D72N only)" (page 39).
①Press ←/→/↓/↑ to select the image to delete and then press ⊕. A check mark will be attached to the check box of each selected image.
Repeat this operation to delete multiple images at the same time.
To cancel the selection, select images to cancel and then press ⊕ to delete the check mark in the check box.
②Press MENU.
The delete confirmation screen is displayed.

6 Press ↓/↑ to select [Yes] and then press ⊕.
The image is deleted.

7 Press ⊕ when the confirmation screen is displayed.

To format the internal memory

1 Press MENU.
The menu is displayed.

2 Press ↓/↑ to select the (Settings) tab.
The settings screen is displayed.

3 Press ↓/↑ to select [Initialize] and then press ⊕.

4 Press ↓/↑ to select [Format internal memory] and then press ⊕.
The confirmation screen used for initializing the internal memory is displayed.

5 Press ↓/↑ to select [Yes], then press ⊕.

Notes

- Avoid doing the following while an image is being deleted. Doing so may damage the photo frame, memory card, or the data:
  - Turning off the power
  - Removing an memory card
  - Inserting another card
- When the message [Cannot delete a protected image.] appears on the screen, the image file was set to Read Only on a computer. In this case, connect the photo frame to a computer, and delete this file using the computer.
- The total capacity of the internal memory is not equal to the remaining capacity, even immediately after initialization.

- If deletion has started, the deleted image cannot be recovered even if you stop deletion. Delete images only after confirming you actually want to delete them.

Tips

- You can also use the MENU button on the photo frame.
- You can enlarge or reduce the image when you select the index image display.

Registering a mark
(DPF-D72N only)

You can produce a slideshow only with images which have been selected beforehand and have been marked. You can easily check for images with marks using the index image display or single view mode.

1 Press MENU when an image is displayed on the screen.
The menu is displayed.

2 Press ←/→ to select the (Editing) tab.
The screen used for editing is displayed.

3 Press ↓/↑ to select [Marking] and then press ⊕.

4 Press ↓/↑ to select the mark you want and then press ⊕.

5 Press ↓/↑ to select [Mark this image], [Selected images] or [Mark all images] and then press ⊕.
If you select [Mark this image], the image currently displayed will be marked and showed in the future. Go to step 7. (This item cannot be selected on the slideshow display.)

If you select [Selected images], you can select the image to which you want to attach a mark from the image list. Go to step 6.

If you select [Mark all images], the image list is displayed. A check mark is attached

Continued

to the check box of all the images. Go to step 7.

6 Specify the image to which you want to attach a mark from the image list.

About the image list

During a search: Displays all the images applicable to the criteria used for the search.

Other than during a search: Displays all images in the device.

Refer to “Searching for an image (Filtering) (DPF-D72N only)” (page 39).

①Press ←/→/↓/↑ to select the image to which to attach and then press ⊕. A check mark will be attached to the image. Repeat this operation to attach a mark to multiple images at the same time.

To cancel the selection, select an images you want to cancel and then press ⊕ to remove the check mark from the check box.

②A mark will be attached to the image for which a check mark has been placed in the check box.

If a check mark is removed from the check box of an image, the mark will be removed from the image.

7 Press ↓/↑ to select [Yes] and then press ⊕.

The mark is attached to the selected image.

To delete the registration of a mark

Select [Unmark this image] or [Unmark all images] and then press ⊕ in step 5. You can also cancel the selection when you remove the check mark from the check box.

[Unmark this image]: Removes a mark from the image currently displayed. (This item cannot be selected on the slideshow display.)

[Unmark all images]

During a search: Removes a marks from all the images applicable to the criteria specified in the search.

Other than during a search: Remove all marks from all images stored on the device displayed.

Note

A mark is saved only when it is registered with an image in the internal memory. A mark registered with an image on a memory card is removed when the power is turned off, or if you change the device being displayed.

Tips

- You can select a mark from among 3 types.
- You can also use the MENU button on the photo frame.
- You can enlarge or reduce the image when you select the index image display.

Searching for an image (Filtering) (DPF-D72N only)

You can search for an image which is stored in internal memory or on a memory card. You can filter an image using various criteria, such as the folder in which the image is saved, or mark, etc.

1 Press MENU when an image is displayed on the screen.
The menu is displayed.

2 Press ←/→ to select the (Editing) tab.
The screen used for editing is displayed.

Note

You cannot select the (Editing) tab when the clock and calendar are displayed.

3 Press ↓/↑ to select [Search] and then press ⊕.

4 Press ↓/↑ to select the criteria you want and then press ⊕.

- [Search by folder]: Filters by the folder.
- [Search by mark]: Filters by the mark.

5 Press ↓/↑ to select the item you want and then press ⊕.

To cancel the search for an image

Press the MENU button when an image is displayed on the screen and then select [Exit search (show all photo)].

To change the criteria for a search

Press the BACK button when an image you searched for is displayed on the screen.

Notes

- Do not turn off the power, remove the memory card during a searching. Doing so may damage the photo frame or memory card, or damage the data.
- The search is cancelled automatically in the following cases.
  - When you change the playback device
  - When you search for an image which is stored on a memory card and then remove that memory card

Tip

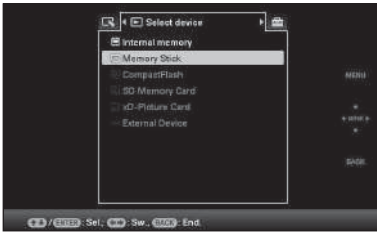
You can also use the MENU button on the photo frame.

Specifying the playback device

You can specify a memory card to be displayed.

1 Press MENU.
The menu is displayed.

2 Press ←/→ to select the ▶ (Select device) tab.
The screen used for selecting a device is displayed.



Tip

Insert the device at this point during the procedure if the device you want to use cannot be selected.

3 Press ↓/↑ to select the device you want to display and then press ⊕.
The images of the selected device are displayed.

Tips

- You can also use the MENU button on the photo frame.
- The search is cancelled automatically when you change the playback device during a search.

Adjusting the image size and position

Enlarging/reducing an image

You can enlarge or reduce an image in single view mode.

1 To enlarge an image, press ⊕ (zoom in) on the remote control. To reduce an enlarged image, press ⊖ (zoom out).
Each press of the ⊕ button enlarges the image further. You can enlarge an image to a maximum of 5 times the original scale. You can move an enlarged image up, down, left, and right.

About crop and save

- The screen currently displayed is saved as it was trimmed after you press ←/→/↓/↑ to move the enlarged image and then press the MENU button.
- You can select [Save as new image] or [Overwrite] by pressing the MENU button when the image is enlarged or reduced. Press ↓/↑ to select the method used to save the image.
- If you select [Save as new image], the image is saved as a new image.
- If you select [Overwrite], the image is overwritten. A confirmation screen is displayed when you select [Overwrite]. Press ↓/↑ to select [Yes] and then press ⊕ to save the image. Press ⊕ again when the confirmation screen is displayed after saving is finished.

Notes

- You cannot overwrite files except for a JPEG file (extension: JPG).
- Enlarging an image may reduce the quality depending on the image size.
- It is not possible to enlarge an image using the buttons on the photo frame.

Rotating an image

Press ROTATE (⟲) on the remote control.
Each press of the button rotates the image 90 degrees counter-clockwise.

Operate from the menu of the photo frame

1 Press MENU in single display mode.
The menu is displayed.

2 Press ←/→ to select the (Editing) tab.
The screen used for editing is displayed.

3 Press ↓/↑ to select [Rotate] and then press ⊕.
The Rotate menu is displayed.

4 Press ↓/↑ to select the direction to rotate and then press ⊕.
- ⟳: Rotates the image 90 degrees clockwise.
- ⟲: Rotates the image 90 degrees counter-clockwise.

5 Press ↓/↑ to select [OK] and then press ⊕.

Note

An enlarged image cannot be rotated.

Tips

- For an internal memory image, image rotation data will be retained even after the power is turned off.
- You can rotate the image of the index image display.

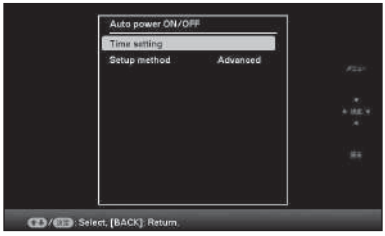
Changing the settings of the auto power on/off function

You can use the timer function to turn the photo frame on or off automatically when the photo frame is turned on.

1 Press MENU.
The menu is displayed.

2 Press ←/→ to select the (Settings) tab.
The settings screen is displayed.

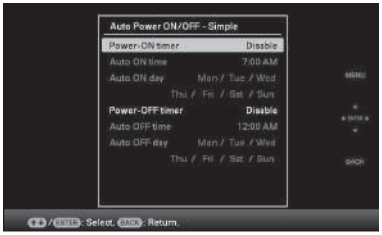
3 Press ↓/↑ to select [Auto power ON/OFF] and press ⊕.
The screen used for setting a value for [Auto power ON/OFF] is displayed.
When using DPF-A72N/E72N, you can set the auto power function on [Simple] mode only, so skip to step 5.



4 Press ↓/↑ to select [Setup method], and press ⊕. Then press ↓/↑ to select [Simple] or [Advanced], and press ⊕. (DPF-D72N only)
[Simple]: Sets the auto power ON/OFF function finely in one minute increments.
[Advanced]: Sets the auto power ON/OFF function according to a day of the week by one hour units.

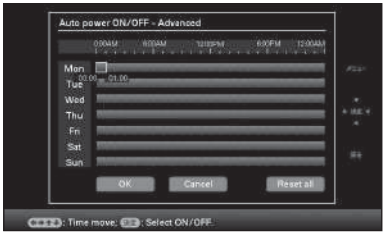
5 Set the time setting.

[Simple]



①Press ↓/↑ to select [Auto power ON/OFF] and then press ⊕.
②Press ↓/↑ to select [Enable] and then press ⊕.
③Set the auto on/off timer.
Press ↓/↑ to set the time you want. AM or PM is displayed on the right of the screen when you select [12 hours] on the time display setting.
④Set the auto ON/OFF day.
Press ↓/↑ to select the day you want to use this function and then press ⊕ to check. Press ↓/↑ to select [OK] and then press ⊕.

[Advanced] (DPF-D72N only)



①Press ←/→/↓/↑ to select the time you want to use the auto power on/off function.
You can set this function according to a day of the week by one hour units.
The color of the selected time zone changes to blue after you press ⊕. The power supply of the photo frame will be turned on when the blue time zone time occurs. The color of the selected time

zone changes to gray, after you select the blue time zone and then press ⊕. The power supply of the photo frame is turned off while it is in the gray time zone.

Tip

The power is turned off automatically at the time you set for [Auto power OFF] when you are using the photo frame.

The power is turned on automatically at the time you set for [Auto power ON] during the standby mode.

②Press ←/→/↓/↑ to select [OK].

Changing the settings

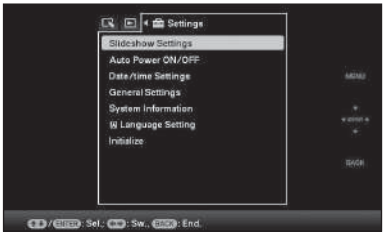
You can change the following settings.

- Slideshow Settings
- Auto power ON/OFF
- Date/time settings
- General Settings (Listing Order, Sony logo ON/OFF etc,.)
- Language setting
- Initialize

Setting procedure

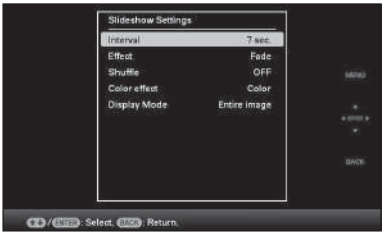
1 Press MENU.
The menu is displayed.

2 Press ←/→ to select the (Settings) tab.
The settings screen is displayed.



Continued

3 Press ↓/↑ to select the item you want to change and then press ⊕.
The setting screen of the selected item is displayed.



For example, when [Slideshow Settings] is selected.

4 Press ↓/↑ to select the item you want to change and then press ⊕.
This enables you to set each of the items (page 45).

Note

When the photo frame is, for instance, displaying a slideshow, some settings of some items cannot be changed. They are displayed in gray and cannot be selected.

5 Press ↓/↑ to select a setting value and then press ⊕.
Each time you press ↓/↑ (↓/↑ from the photo frame), the setting value changes. In the case of a numerical value, press ↑ to increase the value and press ↓ to decrease the value.
If you press ⊕, the setting is confirmed.

6 Press MENU.
The menu closes.

To reset to factory default settings

1 Press MENU and then select (Settings) - [Initialize] by pressing ←/→/↓/↑.

2 Press ↓/↑ to select [Reset] and then press ⊕.
All adjusted values, except for the clock settings, are reset to the default settings.

Tip

You can also use the MENU button on the photo frame.

Items to set

*: Factory default settings

Item	Setting	Description	
Slideshow Settings	Refer to “Enjoying a slideshow” (page 29).		
Auto power ON/OFF	Sets the timer function which turns the power supply of the photo frame on or off, automatically. You can use this function with the following settings. (➞page 42)		
	Simple	Power-ON timer	You can set the timer (time/day) and input time for the power to turn on automatically, when you set this function to enable.
		Power-OFF timer	You can set the timer (time/day) and input time for the power to turn off automatically, when you set this function to enable.
	Advanced (DPF-D72N only)	The following functions are enabled when you press the following buttons after you have set time or date to turn on or off the photo frame automatically.	
		OK	Returns to the previous screen after confirming the operation.
		Cancel	Returns to the previous screen after cancelling the operation.
		Reset all	Deletes all the selected times.
	Setup method (DPF-D72N only)	Advanced*	Sets the auto power ON/OFF function according to a day of the week by one hour units.
		Simple	Sets the auto power ON/OFF function finely in one minute increments.
Date/time settings	Sets the date, time, first day of a week, etc. (➞page 21)		
General Settings	Listing Order	Sets the display order of images. This setting affects the order in [Slideshow Settings].	
		Number Order*	Displays images in order of image numbers.
		Shoot. Date	Displays images in order of date of modified file as shooting date. **Note** If you add images in Album size to the album (internal memory), images are displayed in almost the same order as by the shooting date. That is because the date that the file was modified is changed to the shooting date in Exif information contained on the file.
	Auto display orientation	ON*/OFF: You can set the photo frame to automatically detect and rotate the orientation of images.	
	LCD backlight	Allows you to set the brightness of the backlight of the LCD screen to a level from 1 to 10*.	

Continued

*: Factory default settings

Item	Setting	Description	
General Settings	Image file size	Album*	Compresses images and saves them to the internal memory.You can save more images, but a deterioration in image quality compared to the original images is noticeable when the images are displayed on a large monitor via a computer or other device.
		Original	Saves images to the internal memory without compressing them. There is no deterioration, but you can save fewer images.
	Sony logo ON/OFF (DPF-A72N/D72N only)	ON*/OFF: You can set whether the photo frame's Sony logo lights or not.	
System Information	Version	Displays the version of the firmware of the photo frame.	
	Internal memory	Memory capacity	Indicates the maximum amount of space available in internal memory in the initial state.
		Remaining capacity	Indicates the amount of free space currently available in internal memory.
Language setting	Sets the display language on the LCD screen. Japanese, English*, French, Spanish, German, Italian, Russian, Simplified Chinese, Traditional Chinese, Dutch, Portuguese, Note Default language setting may vary in some regions.		
Initialize	Format internal memory	You can format the internal memory. Notes • All the images added to the internal memory will be deleted. • Do not format the internal memory by using a connection to a PC.	
	Reset	Returns all settings to their factory defaults except for the current date and time setting of the [Date/time settings].	

Connecting to a computer

You can connect to a computer to view and copy images from the internal memory of the photo frame to the computer, and copy images from the computer to the photo frame.

System requirements

To connect a computer to the picture frame, your computer must satisfy the following recommended system requirements.

■ Windows

Recommended OS: Microsoft Windows Vista SP1/Windows XP SP3/Windows 2000 Professional SP4

Port: USB port

■ Macintosh

Recommended OS: Mac OS X (10.4 or later)

Port: USB port

Notes

- If multiple USB devices are connected to a computer or if a hub is used, a problem may occur. In such a case, simplify the connections.
- You cannot operate the photo frame from another USB device being used simultaneously.
- Do not disconnect the USB cable during data communication.
- Operation with all computers that satisfy the recommended system requirements is not guaranteed.
- The photo frame has been demonstrated as operable when connected to PC or Sony digital photo printer. When other devices are connected to the photo frame, these devices may not recognize the internal memory of the photo frame.

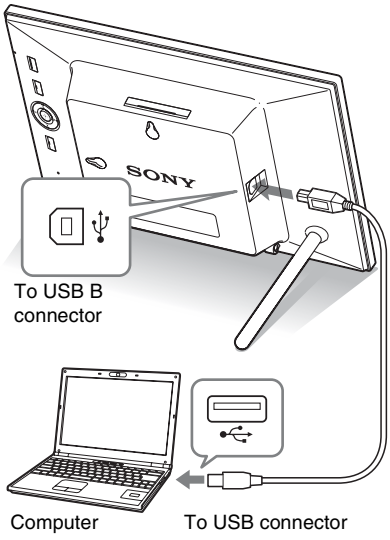
Connecting to a computer to exchange images

Note

This section shows an example for a connection for Windows Vista. Depending on the OS you use, the screen display and procedures may vary.

1 Connect the photo frame to the AC power source. (→page 18)

2 Connect the computer and photo frame with a commercially available USB cable.



Note

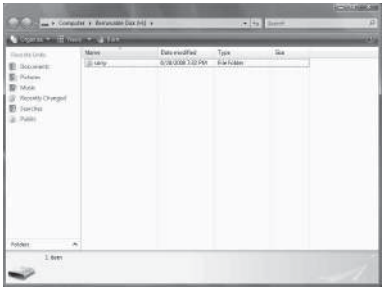
Use a B-Type USB cable that is less than 3 meters long.

3 Turn the photo frame to ON. (→page 20)

Continued

4 When the [AutoPlay] window appears on the computer display, click [Open folder to view files].
If the [AutoPlay] window does not appear, click [Computer (My Computer)] in the Start menu, and then open the removable disc.

5 Move the cursor in this window and right click, and then click [New] - [Folder].
Name this new folder. In this manual, the folder name “sony” is used as an example.



6 Double click to open this “sony” folder.

7 Open the folder that contains the image files you want to copy, and then copy the image files by using drag-and-drop.

Notes

- When saving images from a computer in the internal memory, make a folder in the internal memory and save the images in this folder. If you do not make a folder, you can only save up to 512 images. In addition, the number of images may be reduced depending on the file name length or character type.
- If you edit or save an image file on a computer, the date of that the file was modified is changed. In this case, images may not be displayed in order by the shooting date in the index image display or other display mode because the shooting date of the image is changed.
- When images from the computer are saved in the internal memory of the photo frame, the image files are saved without being compressed. As a result, fewer images may be able to be saved to the internal memory of the photo frame.
- Image files made or edited on a computer may not be displayed. Image files set to “Read Only” on a computer cannot be deleted on the photo frame. Cancel “Read Only” before saving image files from a computer on the photo frame.

Disconnecting your computer

Disconnect the USB cable or turn the photo frame to OFF after disconnecting it from your computer.

1 Double-click on the Task Tray.

2 Click (USB Mass Storage Device) → [Stop].

3 Click [OK] after checking the drive you want to remove.

If an error message appears

If an error occurs, one of the following error messages may be displayed on the LCD screen of the photo frame. Follow the corresponding solution below to solve the problem.

Error message	Meaning/Solutions
No Memory Stick. / No CompactFlash card. / No SD Memory Card. / No xD-Picture Card.	• A memory card is not inserted in a slot. Insert a memory card in the corresponding slot. (→ pages 22)
An incompatible Memory Stick is inserted. / An incompatible CompactFlash card is inserted. / An incompatible SD Memory Card is inserted. / An incompatible xD-Picture Card is inserted.	• An unsupported memory card is inserted. Use a memory card that is supported by the photo frame.
No images on file.	• There is no image file that can be displayed on the screen of the photo frame on the memory card. Use a memory card containing image files that can be displayed with the photo frame.
Cannot delete a protected image.	• To delete a protected file, cancel the protection on your digital camera or computer.
Media is protected. Remove protection then try again.	• The memory card is write-protected. Slide the write-protect switch to the enable position. (→ page 57)
The Memory Stick is full. / The CompactFlash card is full. / The SD Memory Card is full. / The xD-Picture Card is full. /The internal memory is full.	• No more data can be saved because the memory card, or the internal memory is full. Delete images, or use a memory card with free space available.
Error reading the Memory Stick. / Error reading the CompactFlash card. / Error reading the SD Memory Card. / Error reading the xD-Picture Card./Error reading the iternal memory.	• In case of a memory card: An error has occurred. Check that the memory card is inserted correctly. If this error message is displayed frequently, check the status of the memory card with a device other than the photo frame. • For an internal memory: Initialize the internal memory.
Write error in the Memory Stick. / Write error in the CompactFlash card. / Write error in the SD Memory Card. / Write error in the xD-Picture Card./ Write error in the internal memory.	Note When you initialize the internal memory, please note that all the image files added to the album are deleted.

Continued

Error message	Meaning/Solutions
The Memory Stick is read only.	• A “Memory Stick-ROM” is inserted. To save the images, use the “Memory Stick” recommended.
The Memory Stick is protected.	• A protected “Memory Stick” is inserted. To edit and save the images, use an external device to remove protection.
Media format not supported.	• For a memory card, use your digital camera or other device to format the memory card. • For the internal memory, initialize it with the photo frame. Note When you initialize the media, all the files on the media will be deleted.
Cannot open the image.	• The photo frame cannot display or open an image file whose format is not supported.

If trouble occurs

Before submitting the photo frame for repair, try using the following guidance to solve the problem. If the problem persists, consult with your Sony dealer or Sony service facilities.

Power supply

Symptom	Check item	Cause/Solutions
The power cannot be turned on.	• Is the AC power plug inserted correctly?	→ Insert the power plug properly.

Displaying images

If the power is turned on but images are not displayed or the settings of the operation screen cannot be configured, confirm the following check items.

Symptom	Check item	Cause/Solutions
No images are displayed on the screen.	• Is a memory card inserted properly?	→ Insert a memory card properly. (→ pages 22, 54)
	• Does the memory card contain images saved with a digital camera or other device?	→ Insert a memory card containing images. → Check the file formats that can be displayed. (→ page 59)
	• Is the file format compatible with DCF?	→ A file that is not compatible with DCF may not be able to be displayed with the photo frame, even if it can be displayed with a computer.
Images are not played back in the order of shooting date.	• Were these images saved from a computer? • Were these images edited on a computer?	→ If you edit or save an image file on a computer, the date that the file was modified is changed. Images are thus displayed in order of by the date the files were modified instead of by the shooting date.

Continued

Symptom	Check item	Cause/Solutions
Some images are not displayed.	• Are the images displayed in the index view?	→ If the image is displayed in the index view but cannot be displayed as single image, the image file may be damaged even though its thumbnail preview data is fine. → A file that is not compatible with DCF may not be able to be displayed with the photo frame, even if it can be displayed with a computer.
	• Does the mark displayed below appear in the index view? • Were the images created with an application on a computer?	→ If the mark shown on the left is displayed, the image file may not be supported by the photo frame because, for example, it is a JPEG file that was created with your computer. Also, the image file may be supported, but not contain thumbnail data. Select the mark and press ⊕ to change the screen to the single image display. If the mark on the left is displayed again, the image cannot be displayed because the image file is not supported by the photo frame.
	• Does the mark displayed below appear in the index view? 	→ If the mark shown on the left is displayed, the image file is supported by the photo frame, but the thumbnail data or image itself cannot be opened. Select the mark and press ⊕. If the mark shown on the left is displayed again, the image cannot be displayed.
	• Are there more than 4,999 images in the memory card?	→ The photo frame can play, save, delete, or otherwise handle up to 4,999 image files.
	• Did you rename the file with a computer or other device?	→ If you named or renamed the file on your computer and the file name includes characters other than alphanumeric characters, the image may not be able to be displayed on the photo frame.
	• Is there a folder with more than 5 levels in its hierarchy on the memory card?	→ The photo frame cannot display images saved in a folder that is more than five levels deep.

Symptom	Check item	Cause/Solutions
The file name is not displayed properly.	• Did you rename the file with a computer or other device?	→ If you named or renamed the file on your computer and the file name includes characters other than alphanumeric characters, the file name may not be able to be displayed properly on the photo frame.

Saving and deleting images

Symptom	Check item	Cause/Solutions
Cannot save an image.	• Is the memory card write-protected?	→ Cancel write-protection and try saving again.
	• Is the write-protect switch of the memory card in the [LOCK] position?	→ Slide the write-protect switch to the enable position.
	• Is the memory card full?	→ Replace the memory card with one with sufficient free space. Or, delete any unwanted images. (→ page 36)
	• Is the internal memory full?	→ Delete any unwanted images. (→ page 36)
	• Did you save images from a computer to the internal memory without making a folder in the internal memory?	→ If you do not make a folder, you can only save up to 512 images. In addition, the number of images may be reduced depending on the file name length or character type. When you save images in the internal memory from a computer, be sure to make a folder in the internal memory and save the images in this folder.

Continued

Symptom	Check item	Cause/Solutions
Cannot delete an image.	• Is the memory card write-protected?	→ Use the device you are using to cancel write-protection and try deleting again.
	• Is the write-protect switch of the memory card in the [LOCK] position?	→ Slide the write-protect switch to the enable position.
	• Are you using a “Memory Stick-ROM”?	→ It is not possible to delete an image from or format a “Memory Stick-ROM”.
	• Is this image protected?	→ Check the image information from the single view mode. (→page 28) → An image with a mark is set to Read Only. You cannot delete it on the photo frame.
An image was deleted accidentally.	—	→ An image cannot be recovered once it is deleted.

Photo frame

Symptom	Check item	Cause/Solutions
Nothing happens even if you operate the photo frame.	—	→ Push the reset switch on the back of the photo frame using a long, thin object such as a pin, etc. (→page 12) → Turn off and then on the power. (→page 20)

Remote control

Symptom	Check item	Cause/Solutions
Nothing happens even if you operate the remote control.	• Is the battery inserted in the remote control properly?	→ Replace the battery. (→page 14) → Insert a battery. (→page 14) → Insert a battery in the proper orientation. (→page 14)
	—	→ Point the top end of the remote control towards the remote sensor on the photo frame. (→page 14) → Remove any obstruction between the remote control and the remote sensor.
	• Is there a protective sheet inserted?	→ Remove the protective sheet. (→page 14)

Precautions

On safety

- Be careful not to set or drop any heavy objects on the power cord, or to damage the power cord in any way. Never operate this photo frame with a damaged power cord.
- Should any solid object or liquid fall into the cabinet, unplug the photo frame and have it checked by qualified personnel before operating it any further.
- Never disassemble the photo frame.
- To disconnect the power cord, pull it out by the plug. Never pull the power cord itself.
- When the photo frame is not going to be used for an extended period of time, disconnect the power cord from the wall outlet.
- Do not handle the photo frame roughly.
- To reduce the risk of electrical shock, always unplug the photo frame from the electrical outlet before cleaning and servicing the photo frame.

On installation

- Avoid placing the photo frame in a location subject to:
  – vibration
  – humidity
  – excessive dust
  – direct sunlight
  – extremely high or low temperatures
- Do not use electrical equipment near the photo frame. The photo frame will not work properly in electromagnetic fields.
- Do not place heavy objects on the photo frame.

On the AC adaptor

- Even if your photo frame is turned off, AC power (house current) is still supplied to it while it is connected to the wall outlet via the AC adaptor.
- Be sure to use the AC adaptor supplied with the photo frame. Do not use other AC adaptors, as this may cause a malfunction.
- Do not use the supplied AC adaptor for other devices.
- Do not use an electrical transformer (travel converter), as this may cause overheating or a malfunction.
- In case the cord of the AC adaptor is damaged, do not use it any longer, as this may be dangerous.

On moisture condensation

If the photo frame is brought directly from a cold location to a warm location or placed in an extremely warm or humid room, moisture may condense inside the unit. In such cases the photo frame will probably not work properly and may even develop a fault if you persist in using it. If moisture condensation occurs, unplug the AC power cord of the photo frame and do not use the photo frame for at least one hour.

On transport

When you transport the photo frame, remove the memory card, AC adaptor, and connected cables from the photo frame and put the photo frame and its peripherals in the original box with the protective packaging.

If you no longer have the original box and packing parts, use similar packing material so that the photo frame will not be damaged while being transported.

On cleaning

Clean the photo frame with a soft dry cloth, or a soft cloth lightly moistened with a mild detergent solution. Do not use any type of solvent, such as alcohol or benzine, which may damage the finish.

Continued

On restrictions on duplication

TV programs, films, video tapes, portraits of other people, or other materials may be copyrighted. Unauthorized use of such materials may infringe the provisions of the copyright law.

Disposing of the photo frame

Even if you perform [Format internal memory], the data in the internal memory may not be erased completely. When you dispose of the photo frame, we recommend that you physically destroy the photo frame.

About memory cards

"Memory Stick"

Types of "Memory Stick" that the photo frame can use

With the photo frame, you can use the following types of "Memory Stick"*1:

Type of "Memory Stick"	Displaying	Deleting/ Saving
"Memory Stick"*2 (Not compatible with "MagicGate")	OK	OK
"Memory Stick"*2 (Compatible with "MagicGate")	OK*5	OK*5
"MagicGate Memory Stick"*2	OK*5	OK*5
"Memory Stick PRO"*2	OK*5	OK*5
"Memory Stick PRO-HG"*2	OK*5*6	OK*5*6
"Memory Stick Micro"*3 ("M2"*4)	OK*5	OK*5

*1 The photo frame supports FAT32. The photo frame has been demonstrated as operable with a "Memory Stick" with a capacity of 16 GB or less manufactured by Sony Corporation. However, we do not guarantee the operations of all the "Memory Stick" media.

*2 The photo frame is equipped with a slot compatible with both standard-size and Duo-size media. Without a "Memory Stick Duo" adaptor, you can use both a standard-size "Memory Stick" and the compact-size "Memory Stick Duo".

*3 When using a "Memory Stick Micro" with the photo frame, always insert it into an M2 adaptor.

*4 "M2" is an abbreviation for "Memory Stick Micro". In this section, "M2" is used to describe a "Memory Stick Micro".

*5 Data reading/recording that requires "MagicGate" copyright protection cannot be performed. "MagicGate" is the general name of a copyright

protection technology developed by Sony using authentication and encryption.

*6 The photo frame does not support 8 bit parallel data transfer.

Notes on use

- Do not insert more than one “Memory Stick” at the same time, or this may cause trouble with the photo frame.
- If you use a “Memory Stick Micro” with the photo frame, the “Memory Stick Micro” needs to be inserted into an “M2” adaptor.
- If you insert a “Memory Stick Micro” into the photo frame without an “M2” adaptor, you may be unable to remove the “Memory Stick Micro”.
- If you insert a “Memory Stick Micro” into an “M2”adaptor, and insert the “M2” adaptor into a “Memory Stick Duo” adaptor, the photo frame may not operate properly.
- When you initialize a “Memory Stick”, use the initialization function of your digital camera. If you initialize it with your computer, images may not be displayed properly.
- When you perform initialization, all the protected images are erased. To avoid erasing important data by accident, make sure to check the contents of the “Memory Stick” before initialization.
- You cannot record, edit, or delete data if you slide the write-protect switch to LOCK.
- Do not attach any other material than the supplied label on the labelling position. When you attach the supplied label, be sure to attach it to the labelling position. Be careful that the label does not stick out.

SD memory card

The SD memory card slot of the photo frame allows you to use the following:

- SD memory card*1
- miniSD card, microSD card (An adaptor is necessary.)*2
- SDHC memory card*3
- MMC standard memory card*4

We do not guarantee proper operations for all types of SD memory cards and MMC standard memory cards.

*1 The photo frame has been demonstrated as operable with an SD memory card with a capacity of 2 GB or smaller.

*2 Some commercially available card adaptors have projected terminals on the back. This type of adaptor may not work properly with the photo frame.

*3 The photo frame has been demonstrated as operable with an SDHC memory card with a capacity of 32 GB or less.

*4 The photo frame has been demonstrated as operable with an MMC standard memory card with a capacity of 2 GB or less.

Notes on use

Data reading/recording that requires copyright protection cannot be performed.

xD-Picture Card

With the xD-Picture Card slot of the photo frame, you can use an xD-Picture Card*5. Not all the memory card operations are supported and we do not guarantee proper operations for all types of xD-Picture Card.

*5 The photo frame has been demonstrated as operable with an xD-Picture Card with a capacity of 2 GB or less.

Continued

CompactFlash card (DPF-D72N only)

The CompactFlash card slot of the photo frame allows you to use the following (DPF-D72N only):

- CompactFlash Memory Card (Type I/ Type II) and CF+Card (Type I/Type II)-compatible CompactFlash Card[*6]
- Microdrive

You can also use the Smart Media card by using a commercially available CompactFlash card adaptor[*7].

However, we do not guarantee proper operations for all types of CompactFlash cards.

[*6] Use a CompactFlash card with a power specification of 3.3V or 3.3V/5V. You cannot use a type for 3V or 5V only. Do not insert other types of CompactFlash card into the photo frame's insertion slot. The photo frame may be damaged. The photo frame has been demonstrated as operable with a CompactFlash with a capacity of 32 GB or smaller.

[*7] When using a commercially available CompactFlash card adaptor, refer to the operating instructions of the adaptor you use for how to install the card and adaptor. When using a CompactFlash card adaptor, a write-protected card may not work properly.

Notes on using a memory card

- When using a card, make sure to check the correct insertion direction of the card and the correct insertion slot.
- When inserting the memory card, it will only insert part of the way, so do not try to force it, as this could damage the memory card and/or photo frame.
- Do not remove a card or turn off the photo frame while the photo frame is reading or writing data, or the access indicator is flashing. Otherwise, data may be rendered unreadable or be erased.
- We recommend that you save a backup of important data.
- Data processed with the computer may not be displayed with the photo frame.
- When you carry or store a card, put it in the case supplied with it.
- Do not touch the terminal of a card with your hand or a metal object.
- Do not strike, bend or drop a card.
- Do not disassemble or modify a card.
- Do not expose a card to water.
- Do not use or store a card under the following conditions:
  - Locations beyond the required operational conditions including locations such as the hot interior of a car parked in the sun and/ or in the summer, the outdoors exposed to direct sunlight, or a place near a heater.
  - Humid locations or locations with corrosive substances present
  - Locations subject to static electricity or electrical noise

Specifications

■ Photo frame

LCD screen

LCD panel:
7.0 inches, TFT active matrix
Total number of dots:
DPF-D72N: 1,152,000
(800 × 3(RGB) × 480) dots
DPF-A72N/E72N: 336,960
(480 × 3(RGB) × 234) dots

Display aspect ratio

DPF-A72N/E72N/D72N: 16:10

Effective display area

DPF-A72N/E72N: 6.4 inches
DPF-D72N: 6.8 inches

LCD backlight life

20,000 hours
(before brightness of the backlight is reduced to half)

Input/Output connectors

USB connector (TypeB, Hi-Speed USB)
Slots
"Memory Stick PRO" (Standard/Duo)/ SD memory card/MMC/ xD-Picture Card slot
CompactFlash card/Microdrive slot (DPF-D72N only)

Compatible image file formats

JPEG: DCF 2.0 compatible, Exif 2.21 compatible, JFIF[*1]
TIFF: Exif 2.21 compatible
BMP: 1, 4, 8, 16, 24, 32 bit Windows format
RAW (preview only[*2]): SRF, SR2, ARW (2.0 or lower version)
(Some image file formats are not compatible.)

Maximum number of pixels that can be displayed

8,000 (H) × 6,000 (V) pixels[*3]

File system

FAT12/16/32,
sector size of 2,048 bytes or smaller

Image file name

DCF format, 128 characters within 5th hierarchy

Maximum number of files that can be handled

4,999 files for a memory card

Internal memory capacity[*4]

DPF-D72N: 1 GB
(Approx. 2,000 images[*5] can be saved.)
DPF-A72N/E72N: 128 MB
(Approx. 250 images[*5] can be saved.)
(When measuring media capacity, 1GB equals 1 billion bytes, a portion of which is used for data management.)

Power requirements

DC IN jack, DC 5V

Power consumption

Model	in operation mode	including the AC adaptor
DPF-D72N	at the maximum load	10.7W
	normal mode*	9.0W
DPF-A72N/ E72N	at the maximum load	7.6W
	normal mode*	7.5W

* The definition of the normal mode is a status which allows the performance of a slideshow using images stored in the internal memory with the default settings without inserting a memory card or connecting an external device.

Operating temperature

5 °C to 35 °C (41 °F to 95 °F)

Continued

Dimensions

[Without the stand]
DPF-A72N/E72N/D72N:
Approx. 212 × 142 × 39.3 mm
(8 3/8 × 5 5/8 × 1 9/16 inches)
(width/height/depth)

[With the stand spread out]
DPF-A72N/E72N/D72N:
Approx. 212 × 142 × 115.2 mm
(8 3/8 × 5 5/8 × 4 5/8 inches)
(width/height/depth)

Mass

DPF-D72N: Approx. 495 g (17 oz)
DPF-A72N/E72N: Approx. 425 g (15 oz)
(excluding the AC adaptor)

Included accessories

See “Checking included items” on page 10.

■ AC adaptor supplied

Power requirements

~ 100 V to 240 V, 50/60 Hz
0.3 A

Rated output voltage

⎓ 5 V 2 A

Dimensions

Approx. 45 × 72 × 50 mm
(1 3/4 × 2 7/8 × 2 inches)
(width/height/depth)
(excluding the protruding parts)

Mass

Approx. 110 g (3 7/8 oz)

See the label of AC adaptor for more details.

Design and specifications are subject to change without notice.

*1: Baseline JPEG with 4:4:4, 4:2:2, or 4:2:0 format

*2: RAW files are displayed as thumbnail preview.

*3: 17 bits or more are required both vertically and horizontally. An image with an aspect ratio of 20:1 or more may not be displayed properly. Even if the aspect ratio is less than 20:1, display problem may occur in thumbnails, slideshow or other occasions.

*4: The capacity is calculated as 1 MB is equivalent to 1,000,000 bytes. The actual capacity is reduced as files for management and applications are included. Approximately 942 MB on DPF-D72N, approximately 106 MB on DPF-A72N/E72N can be used for your actual operation.

*5: The numbers of images to be saved are approximate numbers when images are saved in Album Image file size. The values may vary depending on the subjects or shooting conditions. When saved in the Album Image file size, an image exceeding 3,140,000 pixels is automatically resized to an image equivalent to between 780,000 and 3,140,000 pixels. The resizing size cannot be selected.

Customer support home page

The latest support information is available at the following home page address:

http://www.sony.net/

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