SONY

3-205-620-**11**(1)

SONY

Digital Photo Printer

Operating Instructions GB

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

Mode d'emploi FR

Avant d'utiliser cette imprimante, veuillez lire attentivement ce manuel et le conserver pour toute référence ultérieure.

Manual de instrucciones ES

Antes de utilizar esta impresora, lea este manual atentamente y consérvelo para consultarlo en el futuro.

MEMORY STICK

SUPER COAT 2

digital photo printer

DPP-SV77

© 2001 Sony Corporation

Digital Photo Printer

DPP--SV77

WARNING

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

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

ATTENTION

Pictures and/or Sound distortion may occur if this product is positioned in close proximity to equipment emitting electromagnetic radiation.

Attention

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 printer, "Memory Stick" or PC card.

For the customers in the U.S.A.

WARNING

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.

Owner's Record

The model and serial numbers are located on the bottom. Record the serial number in the space provided below. Refer to this number whenever you call upon your Sony dealer regarding this product.

Model No. DPP-SV77

Serial No. _____

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

Sony's Business Information Center (BIC) at 1-800-686-SONY (7669)

or Write to: Sony Customer Information Services Center

6900-29 Daniels Parkway, PMB 330

Fort Myerts, Florida 33912

Declaration of Conformity

Trade Name: SONY

Model No.: DPP-SV77

Responsible Party:
Sony Electronics Inc.

Address: 1 Sony Drive, Park Ridge, NJ 07656 U.S.A.

Telephone No.: 201-930-6972

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.

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

The shielded interface cable recommended in this manual must be used with this equipment in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules.

CAUTION

To prevent electric shock, match wide blade of plug to wide slot, fully insert.

CAUTION

The nameplate is located on the bottom enclosure.

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- MMX and Pentium are registered trademarks of Intel Corporation.
- Apple, Macintosh, Power Macintosh, and Mac OS are registered trademarks of Apple Computer, Inc.
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The software described herein may also be governed by the terms of a separate user license agreement.

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What you can do with the printer

With the Digital Photo Printer DPP-SV77, you can print images stored on a "Memory Stick" or PC card. You can also print easily from your computer.

Photo-realistic printing

With its sublimation dye transfer printing system, the printer can make photo-realistic prints meeting a number of different requirements.

Super Coat 2 feature

The Super Coat 2 enables high durability and moisture or fingerprint resistance, keeping your prints in good picture quality for an extended period of time.

Easy stylus operations on the color LCD screen

With the color touch-sensitive LCD screen, you can easily perform the operations with the touch of a stylus and preview the images to be printed. To select an image or an item, just tap the screen lightly with the stylus supplied with your printer. A series of screen-activated operations will navigate you though the printing process.

To view the images on a wider screen, you can also connect your printer to your television.

Auto Fine Print 2 function

Even a dark picture with low contrast can be adjusted and printed as a vivid and clear picture.

Selection of print sizes and border/borderless print formats

You can select from a large, dynamic Post Card size print or an economical Small size print. For the Post Card size print, you can also select a borderless or border print format.

Direct printing of "Memory Stick" or PC card images

Just take a "Memory Stick" or PC card from your digital still camera and insert it into the printer. You can immediately print any of the images in the "Memory Stick" or PC card. You can also print all the images in a "Memory Stick" or PC card or the images preset by a digital still camera at one time.

Selection of print finish

You can select the print finish from either glossy or texture.

Continued

What you can do with the printer

Printing 25/30 sheets at one time

With the supplied paper tray, you can print up to 25 sheets for Post Card size and 30 sheets for Small size print paper at one time.

A wide variety of prints available with your printer

You can make various types prints such as a standard print, a date print, or an index print of the images stored in a "Memory Stick" or PC card. A variety of image processing functions allow you to magnify/reduce, rotate, flip, or move the image. You can also add a special effect to the picture to produce sepia, monochrome, or paint pictures, or use tools to paint freehand drawings, add stamps, or input characters on an image.

An even wider variety of prints using the Creative Print menu

The Creative Print menu allows you to make even more types of prints such as a calendar, a card, split images, a sticker with framed images.

Making a convenient USB connection with your computer

By installing the supplied DPP-SV77 printer driver software on your computer, you can print images from your computer. With the supplied "Memory Stick/PC card Reader Software," you can view and handle the images in a "Memory Stick" or PC card inserted in the printer from your computer.

On the demonstration mode

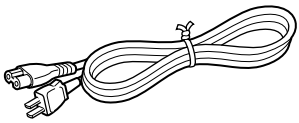
You can view the demonstration of the DPP-SV77 features.

Turn on the power of the printer while the "Memory Stick" or PC card is not inserted. The demonstration button is displayed in the lower-right on the screen. Tap the button to start the demonstrations. The DPP-SV77 features will be shown in order. To stop the demonstrations, tap anywhere on the screen.

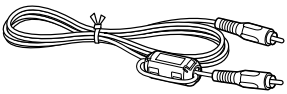
Unpacking the printer

Make sure that the following accessories are supplied with your printer.

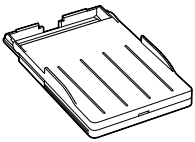
- AC power cord (1)*



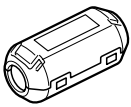
- Video connection cable (1)



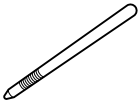
- Paper tray (1)



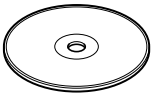
- Clamp filter (1)



- Stylus (1)



- CD-ROM (1)



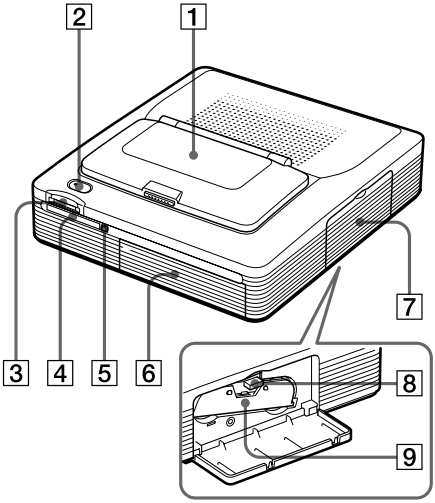
  – Sony DPP-SV77 Printer Driver Software for Windows 98/98SE/Me/2000 Professional Ver. 1.0
  – Sony DPP-SV77 Printer Driver for Mac OS 8.5.1, 8.6, 9.0/9.1 Ver. 1.0
  – Memory Stick/PC card Reader Software for Windows 98/98SE/Me/2000 Professional Ver. 1.0

- Operating Instructions (1)
- Warranty (1)
- Sample Printing Pack (1)
- Owner registration card (1)
- Sony End User Software License Agreement (1)

***Note**

The AC power cord illustrated is for 120V only. The plug shape and specifications change depending on the region you use the printer.

Identifying the parts



For details, see the pages indicated in the parentheses.

Printer front panel

1 **Operation panel (next page)**
Push PUSH/OPEN to open the operation panel (page 11).

2 **POWER button (pages 19, 23)**
Lights in orange in the standby mode and lights in green in the power-on mode.

3 **"MEMORY STICK" insertion slot (page 14)**

4 **PC CARD insertion slot (page 14)**

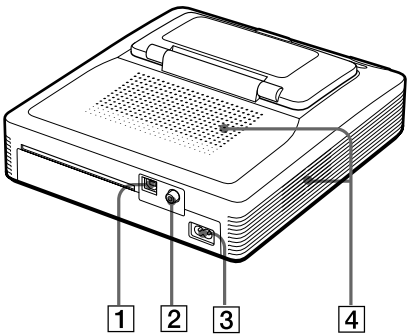
5 **PC card eject button (page 14)**

6 **Paper tray compartment lid**
Insert the supplied paper tray here.

7 **Cartridge compartment lid (page 19)**

8 **Print cartridge eject lever (page 20)**
Push up to eject the print cartridge.

9 **Print cartridge (pages 18, 19)**
(Not supplied)



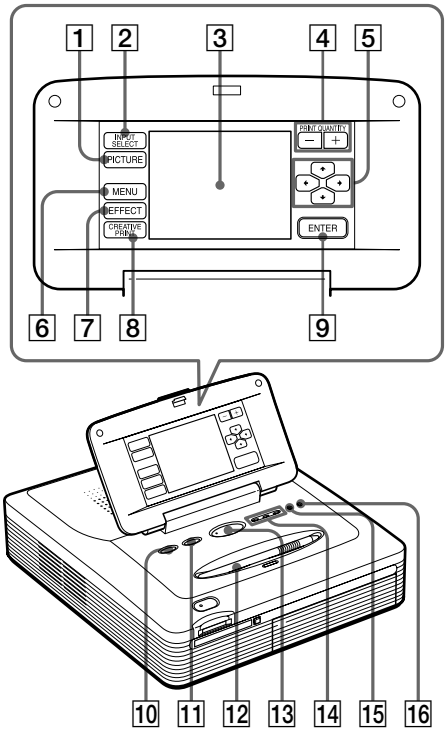
Printer rear panel

1 **USB connector (page 16)**
Connects to the USB connector of your computer.

2 **VIDEO OUT connector (page 15)**
Connects to the VIDEO input of your television.

3 **AC IN connector (page 16)**

4 **Ventilation holes**



Printer operation panel

The buttons on the LCD touch-sensitive operation panel (1 through 9) are designated with square brackets in this manual (ex. [PICTURE]).

1 **PICTURE button (page 24)**
Switches the thumbnail list and preview image.

2 **INPUT SELECT button (page 23)**
Switches the input. (The selected input indicator 14 lights.)

3 **LCD screen (next page)**
Displays the images, menu items, or available options.

4 **PRINT QUANTITY (+/–) buttons (page 25)**
Specifies the print quantity.

5 **Arrow (←/→/↑/↓) buttons (page 13)**
Moves the cursor to an image or item on the LCD screen 3.

6 **MENU button (pages 59)**
Displays the Menu screen.

7 **EFFECT button (page 29)**
Displays the Effect menu.

8 **CREATIVE PRINT button (page 45)**
Displays the Creative Print menu.

9 **ENTER button (page 13)**
Selects the image(s) or item(s) indicated using the cursor on the screen.

10 **ALL button (page 28)**
Selects automatic printing of all images.

11 **DPOF button (page 28)**
Selects automatic printing of all DPOF images.

12 **Stylus (page 12)**
Used to select an item on the screen. Place the stylus in the slot to prevent it from being lost.

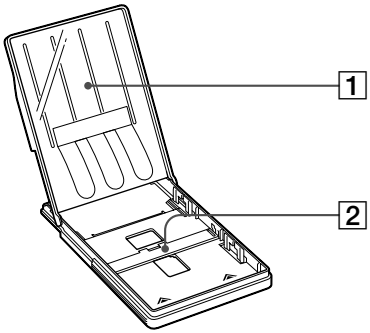
13 **PRINT button (pages 26, 28)**

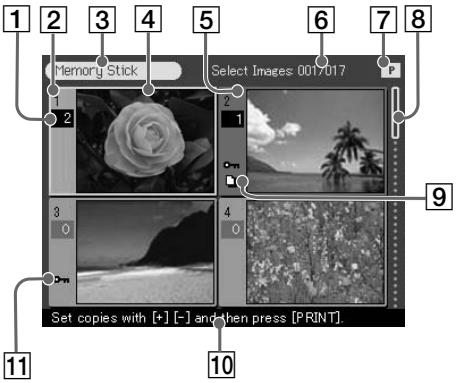
14 **"MEMORY STICK"/PC CARD/PC input indicators (pages 17, 23)**
The indicator for the current input signal lights.

15 **Paper error indicator (pages 22, 88)**

16 **Cartridge error indicator (page 20)**

Identifying the parts





Thumbnail list

Paper tray

1 **lid**

2 **Partition**

Screen

1 **Print quantity indication**
Indicates the print quantity. (In preview, no indication appears when the quantity is set to zero.)

2 **Image number**

3 **"Memory Stick"/PC Card indication**
Indicates that the type of media currently being used.

4 **Cursor (yellow frame)**
Indicates that the image with the cursor.

5 **Selection (orange)**
Indicates that the image has been selected.

6 **The quantity of selected images/ the total image quantity**
When no image is selected, only the total image quantity is displayed.

7 **Print cartridge indication**
Indicates the type of print cartridge currently loaded (P: Post Card size/S: Small size).

8 **Scroll bar**
Indicates the position of the image currently displayed or selected from among the total number of images.

9 **Print preset (DPOF) indication**
Indicates the image is DPOF preset for printing from a digital still camera.

10 **Guidance message**
Displays simplified instructions for the next step.

11 **Protect indication**
Indicates the image is protected by a digital still camera.

Using the stylus and operation panel

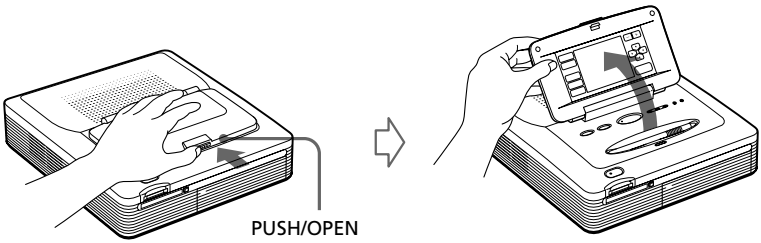
Most operations on the DPP-SV77 are carried out by tapping an item or button on the touchscreen of the operation panel. This section explains how to use the stylus and touchscreen.

Note on the LCD screen

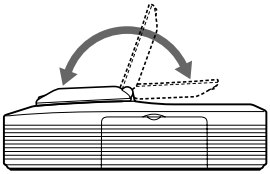
The LCD is manufactured using high-precision technology. You may, however, see brighter points or color shifts on the LCD depending on the viewing angle. This is a normal result of the manufacturing process and does not indicate a malfunction.

Opening the operation panel

Open the operation panel while pressing PUSH/OPEN.



You can rotate the operation panel up to 180 degrees. Use the panel at an appropriate angle such that you can view the screen clearly and can perform the stylus operations easily.



After you finish

- To keep the touchscreen safe and clean, we recommend you close the operation panel after you finish using your printer.
- Keep the stylus in the slot on the panel to prevent it from being lost.
- If the screen becomes soiled, wipe it with a soft dry cloth such as a cloth used to clean your eyeglasses.

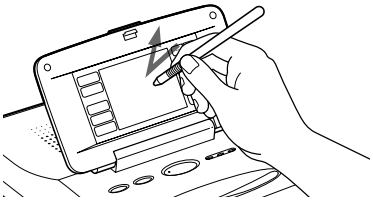
Continued

Using the stylus and operation panel

Using the stylus

Press lightly on the button, image or item on the operation panel screen using the point of the supplied stylus.

This action is referred to as “tapping” in this manual. Tapping allows you to execute the button function or select an item or image on the screen.



After you finish

Keep the stylus in the slot on the panel to prevent it from being lost.

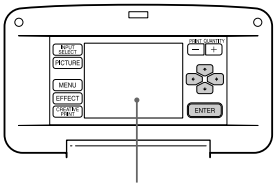
Notes

- Always use the point of the supplied stylus for tapping the screen. Never use a real pen, pencil, or other sharp object to write on the screen.
- In case you lost the supplied stylus, you can use Sony optional accessory.

Selecting an image or item on the screen

You can select an item on the screen using either of the following methods

Operation panel



Screen

■ Tap directly on the image or item on the screen.

The image or item is immediately selected. In this manual, this direct-tapping method is the primary method used to explain the procedures.

■ Tap the arrows [←/→/↑/↓] to move the yellow frame (cursor) to an item or image on the screen and then tap [ENTER].

The item or image is selected after you tap [ENTER].

Note

In some steps or operations, the following restrictions apply in selecting an item or image. Follow the guidance message displayed on the screen:

- You can use only arrow [←/→/↑/↓] or direct tapping to select an item.
- You can use only the vertical arrow [↑/↓] or horizontal arrow [←/→] buttons.

1 Connecting the printer

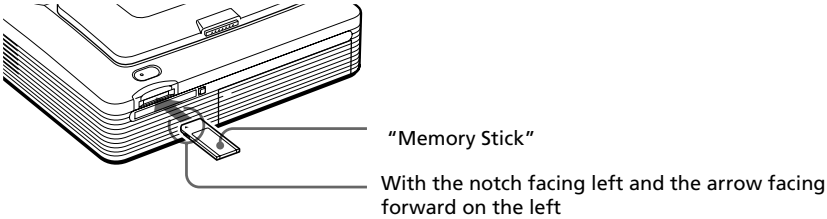
Inserting a "Memory Stick" or PC card

Notes

- Do not attempt to force a "Memory Stick" or a PC card into or out of the slot. If you do, the "Memory Stick" or the PC card or the printer may be damaged.
- When the printer is accessing the "Memory Stick" or PC card and the relevant indicator flashes, do not remove the "Memory Stick" or PC card from the printer. If you do, the "Memory Stick" or the PC card or the printer may be damaged.

Printing an image from a "Memory Stick"

Insert the "Memory Stick" into the "MEMORY STICK" insertion slot until it clicks into place.



To eject the "Memory Stick"

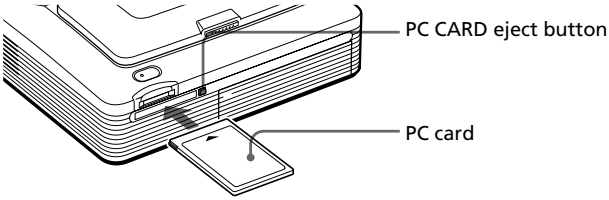
Push the "Memory Stick" further into the insertion slot and let it pop out. Then remove it slowly.

Note

Insert the "Memory Stick" only. Do not insert any other objects.

Printing an image from a PC card

Insert the PC card into the PC CARD insertion slot until it clicks into place.



To eject the PC card

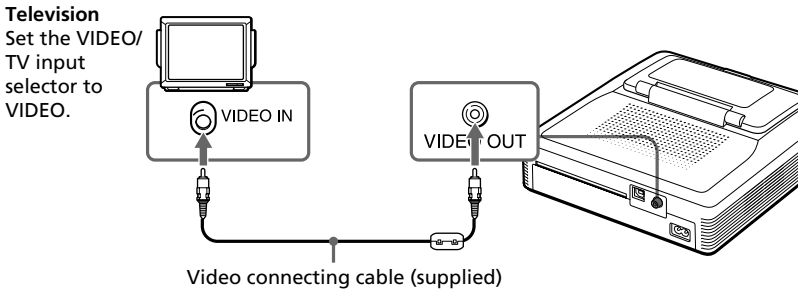
Press the PC CARD eject button. After it pops out, remove it slowly.

Note

Insert the PC card only. Do not insert any other objects.

Connecting to a television (optional)

You can use the color LCD screen of the printer to select items or view the images to be printed. To display images or items on a wider screen, you can also connect the VIDEO OUT connector of the printer to the video input of a television.



Notes

- The video output to a television is factory-set to Off. To display the image on your TV screen, set it to On on the MENU screen.
- Depending on the screen, the display output differs between the television and printer screen.
- Before making connections or plugging in a cable, turn off the power of the printer and the television.
- When using a commercially available video cable, use a cable 3 m or shorter in length.
- When you connect your printer to a personal computer, you do not need to connect your printer to a television.
- You cannot tap to operate on the TV screen.

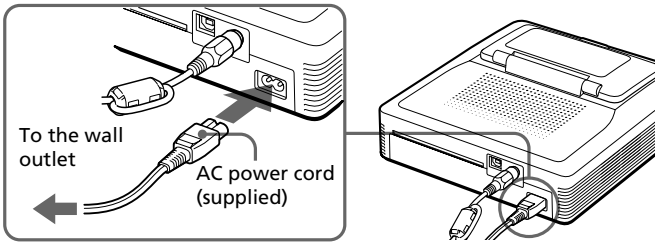
Continued

1 Connecting the printer

Connecting the AC power cord

After you make the connections, connect the supplied AC power cord to the AC IN connector of the printer and then to an AC outlet.

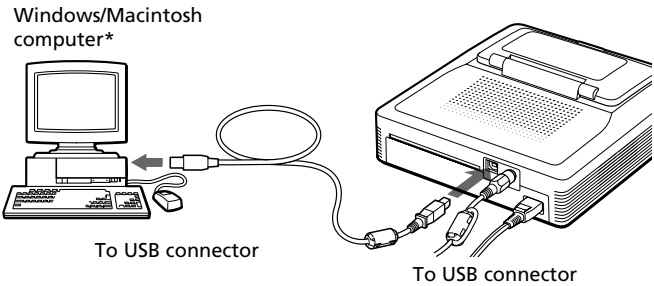
The POWER indicator lights in red.



Connecting to a computer (optional)

Connect the USB connectors of the printer and your computer (Windows PC or Macintosh) with a commercially available USB cable. By installing the supplied driver software on your computer, you can print an image from your computer's hard disk. With the "Memory Stick/PC Card Reader Software," you can also transfer images from a "Memory Stick" or PC card to your computer's hard disk.

For details on how to install and operate the software, see "Printing from your computer" (pages 67–81).

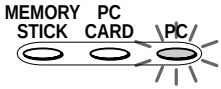


***Note**

The Reader software supports Windows only.

When you connect a computer that is already powered on to the USB connector of the printer

The PC input indicator lights and the printer enters the PC mode.



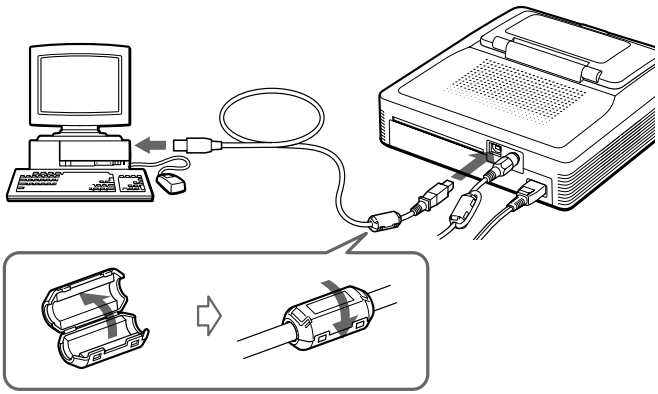
Notes

- Use a USB cable 3 m or shorter in length.
- Without connecting a computer that is already powered on to the USB connector, you cannot switch to the PC mode manually by touching [INPUT SELECT].
- When you connect your printer to a television, no pictures are displayed on the television in the PC mode. This is not due to trouble with the printer.
- Refer to the instruction manual of your computer for further information.
- You cannot use the printer and the printer driver on a network or with a commercially available printer buffer.

Note on using a USB cable

If your USB cable is not equipped with a clamp filter, attach the supplied clamp filter near the printer's USB connector of the cable .

To attach the clam filter, release the lock of the clamp filter with a screwdriver or a similar tool, contain the cable, and lock the filter in place as illustrated below. Please attach the filter as nearest the printer's USB connector as possible.



2 Preparing the printing pack

You need an optional printing pack designed for the printer. The pack contains a set of print paper and a print cartridge for either Post Card size (4x6 inch) or Small size (3.5x4 inch) prints.

Select the printing pack according to the type of printing you intend to do:

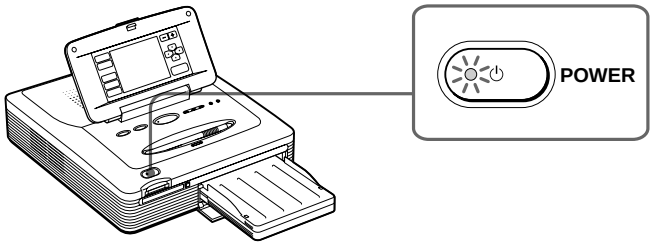
Printing pack	Contents
SVM-25LS	25 sheets of Post Card size photo paper/Print cartridge for 25 prints
SVM-25LW	25 sheets of Post Card size sticker/Print cartridge for 25 prints
SVM-30SS	30 sheets of Small size photo paper/Print cartridge for 30 prints
SVM-30SW	30 sheets of Small size stickers/Print cartridge for 30 prints
SVM-30SW09	30 sheets of Small size 9-split stickers/Print cartridge for 30 prints

Notes

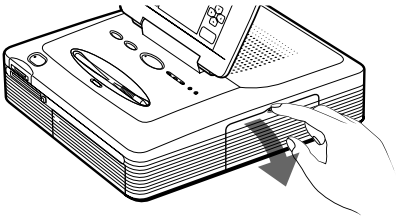
- Use the printing pack for this printer only.
- Always use the print cartridge designed for the size of the print paper you use. If you mix cartridges and paper of different types or size, printing may not be possible, or a paper jam or other trouble may occur.
- Do not use the same print paper or print cartridge twice. Otherwise, a malfunction or breakdown may occur.
- Do not touch the ink ribbon of the print cartridge or the printing surface of the print paper. If there are fingerprints or dust on the printing surface or the ink ribbon, the printing quality may deteriorate.
- For high quality prints, avoid placing the printing pack in locations that are subject to high temperature, high humidity, excessive dust, or direct sunlight.
- When storing a partially-used pack of the print cartridge and print paper, store it in its original bag or in a similar container.

3 Loading the print cartridge

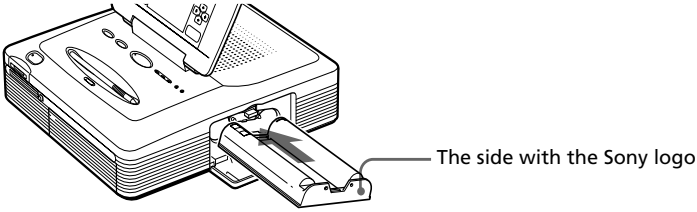
1 Press the POWER button to turn on the printer.
The POWER indicator lights in green.



2 Pull and open the cartridge compartment lid.



3 Insert the print cartridge into the printer firmly until it clicks into place and close the cartridge compartment lid.



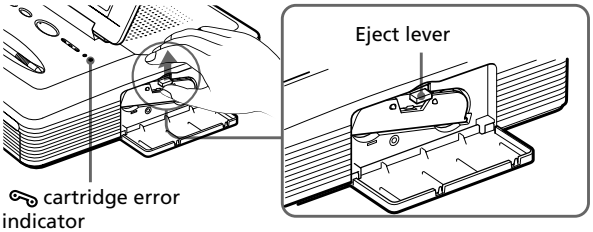
Continued

3 Loading the print cartridge

To replace the print cartridge

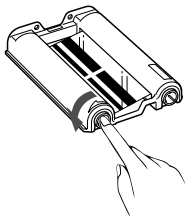
When the print cartridge runs out, the cartridge error indicator lights and an error message appears on the screen.

Open the cartridge compartment lid, push up the eject lever, remove the used print cartridge, and then insert a new cartridge.



Notes

- Never put your hand into the cartridge compartment. The thermal head reaches high temperatures, especially after repeated printing.
- Do not use the same print cartridge twice. Otherwise, a malfunction or breakdown may occur.
- If the print cartridge does not click into place, remove it and then re-insert it. If the ink ribbon is too slack to be loaded, wind the ink ribbon in the direction of the arrow to remove the slack.



- If the print cartridge is not loaded when you turn on the printer, the cartridge error indicator lights up.
- When placing the print cartridge on a desk or other surface, stand it vertically so that dust will not get on the ink ribbon.
- Do not touch the ink ribbon or place the print cartridge in a dusty location. Fingerprints or dust on the ink ribbon may result in imperfect printing.
- Do not change the print cartridge while operating the printer.

Notes on storing the print cartridge

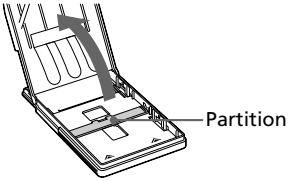
- Avoid placing the print cartridge in a location subject to high temperatures, high humidity, excessive dust or direct sunlight
- When you are going to store a partially-used cartridge, store it in its original bag.

4 Inserting the print paper

1 Open the paper tray lid and set the partition according to the print paper size you want to use.

To use Post Card size paper, lay the partition down .

To use Small size paper, stand the partition upright.

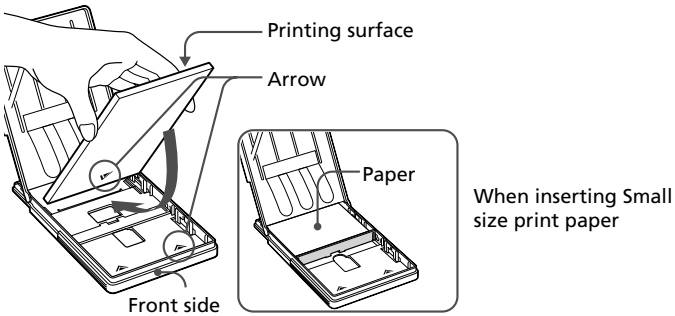


2 Set the print paper into the tray.

Riffle the print paper. Then insert the print paper with its printing surface (the side with no imprint) facing up and the arrow pointing in the same direction as the arrow in the tray.

When inserting paper, insert the protective sheet together with paper into the tray. After you have placed the paper into the tray, remove the protective sheet.

You can set up to 25 sheets for Post Card size and 30 sheets for Small size print paper. When inserting Small size print paper, set it behind the partition.



Note

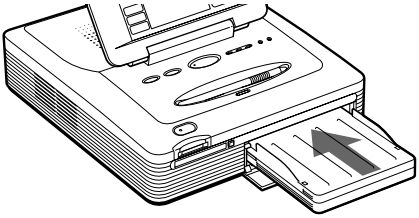
Do not touch the printing surface. Fingerprints on the printing surface may result in imperfect printing.

Continued

4 Inserting the print paper

3 Close the paper tray lid. Then push and open the printer's paper tray compartment lid and insert the paper tray into the printer.

Insert it firmly until it clicks into place.



Notes

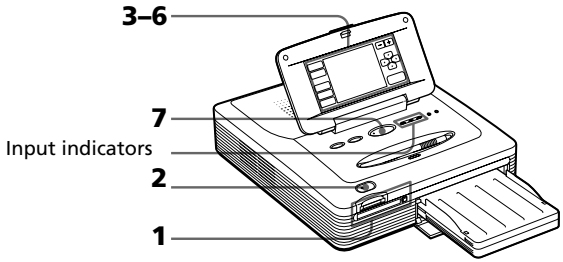
- If print paper does not feed automatically, the paper error indicator lights. Pull out the paper tray and check for a paper jam.
- When adding print paper to a partially full tray, make sure that the total number of sheets does not exceed 25 for the Post Card size or 30 for the Small size print paper. Do not place different types or sizes of paper in the tray. Otherwise, a paper jam or malfunction may occur.
- If the print paper runs out when you press PRINT, a warning sound beeps and the paper error indicator lights.
- Do not write or type on the printing surface of the paper before printing. If you want to write greetings or draw on the printed surface after printing, use an oil ink pen.
- Do not attach stickers or anything else on the printing surface before printing.
- Do not remove the backing from sticker print paper before printing is completed. Otherwise, jams or printer damage may occur.
- Do not print on the same print paper twice. Otherwise, a malfunction or breakdown may occur.
- Avoid storing the paper with the printed faces touching each other or in contact with rubber or plastic products including vinyl chloride or plasticizer for an extended period of time; color changes or deterioration of the printed image may occur.
- Before printing, do not fold or bend the print paper.

Notes on storing the print paper

- Avoid placing the print paper in a location subject to high temperatures, high humidity, excessive dust or direct sunlight
- When you are going to store partially-used print paper, store it in its original bag.

Printing selected images

You can select an image recorded in the "Memory Stick" or PC card and print it at full-size (standard print).



Borderless standard print

1 Insert a "Memory Stick" or PC card with recorded images into the "Memory Stick" or PC card insertion slot (page 14).

2 Press the POWER button to turn on the printer.

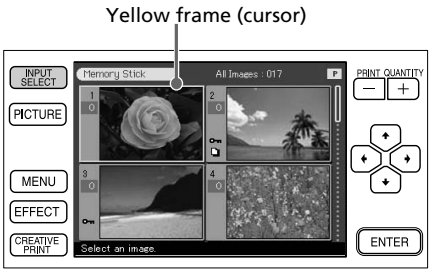
The POWER indicator lights in green.

When you connect your printer to your television

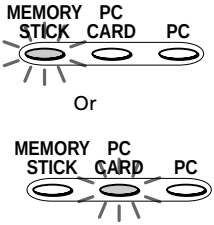
Turn on the television and set the input selector of the television to "VIDEO." The printer images are displayed on the television.

3 Tap [INPUT SELECT] on the operation panel repeatedly with the supplied stylus until the "MEMORY STICK" or PC CARD indicator turns on.

Thumbnails of the images stored in the "Memory Stick" or PC card are displayed on the screen.



Operation panel



Continued

4 Tap the image you want to print on the screen.

The cursor moves to the tapped image. You can also tap the arrows [←/→/↑/↓] to move the cursor (page 13).

To display another page

When multiple pages exist, you can switch pages. To display the next page, tap the lower part of the scroll bar or tap [↓] repeatedly. To display the previous page, tap the upper part of the scroll bar or tap [↑] repeatedly.

To display a preview image

While the cursor is on the image, tap the image again or tap [PICTURE]. A preview of the selected image is displayed.

To display a preview of different images, tap the arrows [←/→/↑/↓]. The preview of the previous (←), next (→), upper (↑) or lower (↓) image is displayed.

To display the thumbnails again, tap anywhere on the preview image or tap [PICTURE].

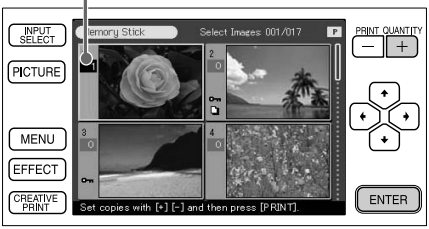
Note

While the screen display is switching or the printer is accessing the "Memory Stick" or PC card (with the relevant input indicator blinking), do not eject or insert the "Memory Stick" or PC card. Otherwise, they may crash.

5 Tap [ENTER] or PRINT QUANTITY [+].

The image is selected and its frame turns orange. The print quantity becomes "1."

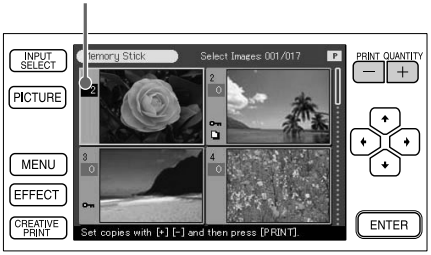
Orange frame (selection)



6 Tap PRINT QUANTITY [+] or [–] to set the number of copies to be printed.

Each time you tap [+] or [–], the print quantity increases or decreases. You can set the print quantity from 0 to 30.

Print quantity



To cancel the selection

Tap [–] repeatedly until the print quantity becomes "0." The orange frame disappears and the selection is canceled.

To print multiple images at a time

Repeat steps 4 through 6 to select other images and set the desired print quantity for each of them.

Continued

Printing the selected image

7 Press the PRINT button.

Printing starts. During printing, the PRINT indicator lights. The printing process bar and the approximate printing time are displayed on the screen.

When you start printing while the preview image is displayed

An dialog box appears to ask whether you want to print the image being displayed or all the selected images. Tap to select either of the two options to start printing.

To stop printing

Tap [Cancel] on the screen or tap [ENTER] on the operation panel. Printing from the next print will be canceled.

8 When printing ends and the print paper automatically emerges from the paper outlet, remove the printed paper from the printer.

Notes

- When the "MEMORY STICK" or PC CARD indicator blinks or the data access message appears, do not eject the "Memory Stick" or PC card. Otherwise, they may crash.
- While printing, never move or turn off the printer; the print cartridge or paper may become stuck. If this happens, turn the printer off and on, and resume printing from the beginning.
- While printing, the print paper is partially ejected from the paper outlet in stages. Never pull out the paper forcibly until the PRINT indicator turns off and the print paper emerges automatically.
- When using Small Size stickers, do not leave more than 10 sheets of the ejected printed paper on the paper tray.
- Depending on the file type and size of an image, it may take from 5 to 60 seconds to display a preview image on the screen.
- Depending on the type of digital still camera, it may take some time for the thumbnail list to be displayed.
- When the width or height of an image is smaller than 480 dots, the image is displayed in a small size. You can print the image but the printing quality is rough due to its small image size.

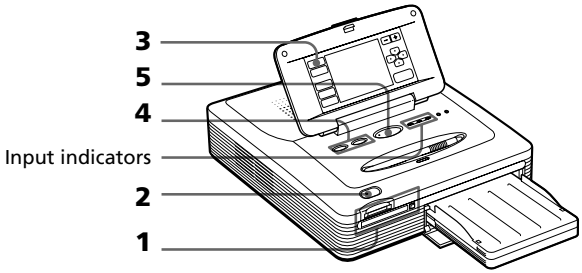
- When you view the printer's images on a large-screen television, the pictures may be distorted. To view them in better picture quality, display the preview image.
- When using your printer in low ambient temperatures, the black lines may be displayed on the LCD display, which is not of a printer's malfunction. You can print an image without problem.

Printing all images or DPOF preset images at one time

You can print all the images stored in a "Memory Stick" or PC card at one time. You can also print multiple images preset by your digital still camera (DPOF) at one time.

What is "DPOF"?

The "DPOF" (Digital Print Order Format) is a format used to record the information necessary for automatically printing images shot with a digital still camera at a printing shop or with a home-use printer. The printer can automatically print the preset number of copies of the images preset with DPOF. For details, see the operating instructions of the digital still camera you are using.



1 Insert the "Memory Stick" or PC card storing the images into the "Memory Stick" or PC card insertion slot (page 14).

2 Press the POWER button to turn on the printer.

The POWER indicator lights in green.

When you connect your printer to your television

Turn on the television and set the input selector of the television to "VIDEO." The printer images are displayed on the television.

3 Tap [INPUT SELECT] on the operation panel repeatedly until the "MEMORY STICK" or PC CARD indicator turns on.

Thumbnails of the images stored in the "Memory Stick" or PC card are displayed on the screen.

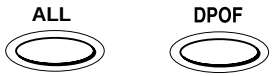
Continued

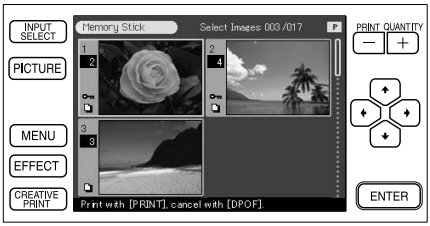
Printing all images or DPOF preset images at one time

4 Do either of the following:

- To print all the images, press the ALL button.
- To print the preset images, press the DPOF button.

When you select All, all the images in the thumbnail list are displayed with an orange frame. When you select DPOF, only the preset images are displayed with an orange frame.





5 Press the PRINT button.

Printing starts. When you select All, all the images in the "Memory Stick" or PC card are printed one by one in the order of their image numbers. When you select DPOF, the preset images are printed.

To stop printing

Tap [Cancel] on the screen or tap [ENTER] on the operation panel. Printing will be canceled from the next print.

6 When printing ends and the print paper automatically emerges from the paper outlet, remove the printed paper from the printer.

For notes giving further information during or after printing, see page 26.

To return to the usual printing mode

Press the ALL or DPOF button again.

Adding effects to an image

What you can do with the Effect menu

The Effect menu allows you to edit, adjust or add special filters to an image.

To display the main Effect menu, tap [EFFECT] on the operation panel:

Tap the Effect sub menu item and add an effect to an image.

Sub menu	Functions
Edit	Enlarges, reduces, rotates, or flips an image horizontally. **(Page 31)**
Adjustment	Adjusts the brightness, color depth, tint, and sharpness of the image. **(Page 32)**
Filter	Adds a special filter to an image to print monochrome, sepia, or painted pictures. **(Page 34)**
Tool	Adds freehand drawings, stamps or input characters to an image. **(Page 36)**
Exit	Exits the Effect menu.

To save the image with the selected effects

Tap [Exit] in the main Effect menu or [Effect] either in the Effect main or sub menus. When a dialog box for saving is displayed, tap [Yes] to save the edited image or [No] to cancel it.

When both a "Memory Stick" and a PC card are inserted, a dialog box to select the destination is also displayed. Tap the desired destination.

Continued

Notes

- If the "Memory Stick" or PC card is in write protect status, you cannot save an image in the "Memory Stick" or PC card.
- While saving the image, do not turn off the power or remove the "Memory Stick" or PC card from the insertion slot. The "Memory Stick" or PC card may be damaged.

To print the edited image

Tap PRINT QUANTITY [+] or [–] to set the copies to be printed and then press the PRINT button in the Effect main or sub menus. The currently displayed image will be printed.

Notes

- It may take longer to process an edited image after you press the PRINT button.
- Do not remove the "Memory Stick" or PC card while in the Effect mode. If you do, the Effect mode ends forcibly and any editing you have done is canceled.

To change the printer settings midway

You can tap [MENU] and change the settings.

Changing the image size and position

The Edit sub menu allows you to enlarge, reduce, rotate, or flip an image.

1 Select the image to be edited in the thumbnail list or tap the selected image or [PICTURE] to display its preview.

2 Tap [Effect].

The main Effect menu is displayed.

3 Tap [Edit].

The Edit sub menu is displayed.

4 Tap the desired item to edit the image.

Item	Procedures
Zoom –/+	Each time you tap [+] or [–], the image is enlarged or reduced.
Move	Tap [Move] and then tap the arrows [←/→/↑/↓] to move the image in the desired direction. Then tap [ENTER] to fix the position.
Rotate 90°	Each time you tap [Rotate 90°], the image rotates 90° clockwise.
Mirror	Each time you tap [Mirror], the image flips horizontally.

Continued

Adding effects to an image

Note

The picture quality of an enlarged image may be deteriorated depending on the size of the image.

5 Tap [Back].

The main Effect menu is displayed again. You can select another Effect sub menu, save or print the image, or exit the Effect menu (page 29).

Adjusting the pictures

The Adjustment sub menu allows you to adjust brightness, color deepness, tint, or sharpness levels of the image pictures.

1 Select the image to be adjusted in the thumbnail list or tap the selected image or [PICTURE] to display its preview.

2 Tap [Effect].

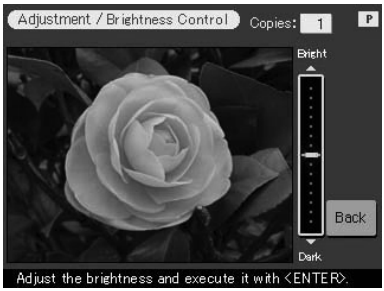
The main Effect menu is displayed.

3 Tap [Adjustment].

The Adjustment sub menu is displayed.

4 Tap the desired adjustment item.

The adjustment screen of the selected item is displayed.



5 Tap the upper or lower part on the slider to adjust the image.

Items	Procedures
Brightness	Tap the lower part of the slider to darken the image or the upper part to brighten the image.
Color Depth	Tap the lower part of the slider for light colors, or the upper part for deep colors.
Tint	Tap the lower part of the slider to make the image reddish, or the upper part to make the image bluish.
Sharpness	Tap the lower part of the slider for weaker sharpness, or the upper part for dark colors.

Tip

To adjust the level, you can also use the arrows [↑/↓].

Notes

- The dispaly reflects the adjustment only after you tap [Back]. You cannot make adjustments while viewing the screen.
- The picture quality of the image being displayed on the screen may differ from that of the printed image.

Continued

6 Tap [Back] .

The Adjustment sub menu is displayed again. You can select another adjustment item to proceed with further adjustments.

7 Tap [Back].

The main Effect menu is displayed again. You can select another Effect sub menu, save or print the image, or exit the Effect menu (page 29).

Adding a special filter to an image

The Filter sub menu allows you to add a special effect to an image to print in monochrome, paint, or sepia tone.

1 Select the image to be filtered in the thumbnail list or tap the selected image or [PICTURE] to display its preview.

2 Tap [Effect].

The main Effect menu is displayed.

3 Tap [Filter].

The Filter sub menu is displayed.

4 Tap a filter you want to add to an image.

Items	Filters
Paint	Makes the image look like a painted picture.
Sepia	Makes the image look like an old photograph with faded colors.
Monochrome	Makes the image into a monochrome picture.
Normal	Removes any added filter(s) from the image.

Note

The picture of the image being displayed on the screen may differ from that of the printed image.

5 Tap [Back].

The main Effect menu is displayed again. You can select another Effect sub menu, save or print the image, or exit the Effect menu (page 29).

Adding drawings, stamps, or characters (Tool)

What you can do with the Tool sub menu

The Tool sub menu allows you to add freehand drawings, or input selected stamps or characters to an image.
Follow the procedures below to display the Tool sub menu.

To display the Tool sub menu, tap [Tool] in the main Effect menu (page 29) or CREATIVE PRINT menu (page 45).

Tap the desired tool in the Tools box and draw freehand lines, put on stamps, or input character in the preview.

Icons	Tools	Functions
	Pencil	Draws freehand line art on the preview.
	Color	Displays the color selection screen to apply a color to the pencil drawings.
/	Weight	Tap either of the stroke weights for the pencil drawings: (thin) or (thick).
	Stamp	Displays the stamp selection screen showing stamps to be pasted to the image.
	Type	Displays the character input screen to select characters to be added to the image.
/	Size	Tap to make the size of typed characters or stamp larger, or tap to make it smaller.
Redraw		Cancels the drawings, stamps, or input characters.
Done		Fixes the drawings, stamps, or input characters. Tapping again exits the Tool sub menu.

To exit the Tool sub menu

Tap [Done]. When the dialog box used for saving the image is displayed, tap [Yes] to save the edits or [No] to cancel them.

When both a "Memory Stick" and a PC card are inserted, a dialog box to select the destination is also displayed. Tap the desired destination.

To print the edited image

Tap PRINT QUANTITY [+] or [–] to set the copies to be printed and then press the PRINT button in a Tool sub menu. The currently displayed image will be printed.

Notes

- Do not change the print cartridge while operating the printer.
- Do not remove the "Memory Stick" or PC card while in the Tool sub menu mode. If you do, the Tool sub menu mode ends forcibly and any edits you have made are canceled.
- If the "Memory Stick" or PC card is in write protect status, you cannot save an image on the "Memory Stick" or PC card.
- During saving the image, do not turn off the power or remove the "Memory Stick" or PC card from the insertion slot. The "Memory Stick" or PC card may be damaged.

Adding drawings, stamps, or characters (Tool)

Drawing freehand line art ( )

You can use the pencil tool to draw freehand line art on an image.

1 In the Tool sub menu (page 36), tap (Pencil tool).

The pencil tool mode is selected. The tool button turns orange.

2 To select the stroke weight for the pencil drawings, tap (thin) or (thick).

3 To select the color for the pencil drawings, tap (Color).

The color selection screen is displayed.

4 Tap the desired color box.

The color tapped is selected and the color selection screen is closed.

5 Tap and draw a freehand line on the preview.

The line formed from the point you start drawing to the point you lift the stylus becomes a stroke.

To erase the drawing

Tap [Redraw]. The drawing just made is erased from the preview.

To display the preview image only

Tap [PICTURE] on the operation panel.

Only the preview image is displayed. To return to the previous screen, tap [PICTURE] or tap anywhere on the preview image.

6 Tap [ENTER].

The drawing you made is fixed and pasted to the image.

Note

Once you tap [ENTER], you cannot delete the drawing.

7 Repeat steps 2 through 6 to draw other line art.

The drawings are pasted on the image in the same manner.

8 Tap (Pencil tool) to release the pencil tool mode.

The tool button turns yellow.

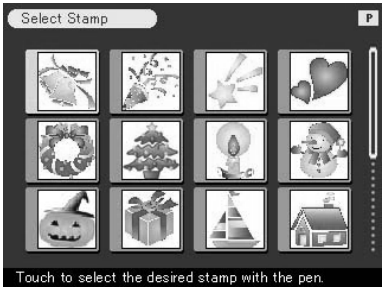
You can use another tool, exit the Tool menu, or print the image (page 36).

Pasting stamps (★)

You can use the stamp tool to paste selected stamp(s) to an image.

1 In the Tool sub menu (page 36), tap ★ (Stamp tool).

The stamp selection screen is displayed. The tool button turns orange.



2 Tap the desired stamp.

The tapped stamp is selected and the stamp selection screen is closed.

3 Tap on the preview image where you want to paste the stamp.

The selected stamp is pasted onto the preview image in an all black silhouette.

4 To adjust the stamp size, tap + to make it larger or − to make it smaller.

To erase the stamp

Tap [Redraw]. The stamp just pasted is erased from the preview.

To move the stamp

Tap the arrows [←/→/↑/↓] to move the stamp in the desired direction.

5 Tap [ENTER].

The stamp is fixed to the image.

Note

Once you tap [ENTER], you cannot move or delete the stamp.

6 To paste the same stamp(s), repeat steps 3 through 6.

The stamps are pasted on the image.

7 Tap ★ (Stamp tool) to release the stamp tool mode.

The tool button turns yellow.

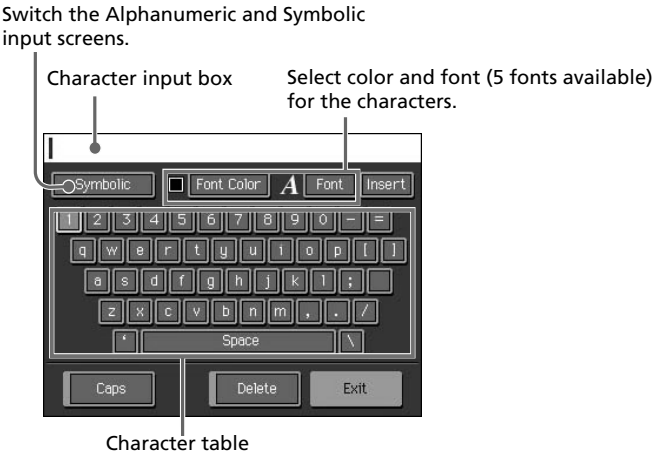
You can use another tool, exit the Tool menu, or print the image (page 36).

Typing characters (T)

You can use the type tool to input characters to an image. Characters are input one line at a time.

1 In the Tool sub menu (page 36), tap T (Type tool).

The tool button turns orange. The character input screen is displayed.



To switch the characters input screens

To display the Symbolic input screen, tap [Symbolic]. To return to the alphanumeric characters input screen, tap [Alphanumeric]. Switch the screens as you like.

2 Tap the characters you want to input in the character table.

The tapped characters are displayed in highlight in the input box.

To select a capital letter

Tap [Caps] to display the capital letters table. Then tap the desired character. To enter a small letter, tap [Caps] again.

To select the font

The characters are input in the font displayed next to [Font]. To select a different font, tap [Font] until the desired font is displayed.

To select the color

The characters are input in the color displayed next to [Font Color]. To select a different color, tap [Font Color] and then tap the desired color box on the color selection screen.

To delete characters in the input box

- To delete a character before the cursor, tap [Delete]. Each time you tap [Delete], the character before the cursor is deleted. Input a new character.
- To delete a character in the middle of the input box, tap the space after the character you want to delete. The [Insert] button turns orange and the orange cursor appears after the character. (You can also tap [Insert] and then tap the arrows [←/→] to move the cursor after the character you want to delete.)

  Then tap [Delete] to delete the character. Each time you tap [Delete], the character before the cursor is deleted. You can then input a new character. To release insertion mode and place the cursor to the end of the line, tap [Insert].

3 Enter the remaining characters for the line and then tap [Exit].

The character input screen is closed.

4 Tap on the preview where you want to paste the line of input characters.

The line of input characters is pasted onto the preview in a silhouette.

Continued

5 To adjust the character size, tap [+] to make it larger or [−] to make it smaller.

To erase the characters input

Tap [Redraw]. The characters just pasted are erased from the preview.

To move the characters

Tap the arrows [←/→/↑/↓] to move the characters in the desired direction.

6 Tap [ENTER].

The characters are fixed to the image.

Note

Once you tap [ENTER], you cannot move or delete the characters.

7 To input the same character(s), repeat steps 4 through 6.

The characters are pasted on the image.

8 To input different character(s), repeat steps 1 through 6.

9 Tap [T] (Type tool) to release the type tool mode.

The tool button turns yellow.

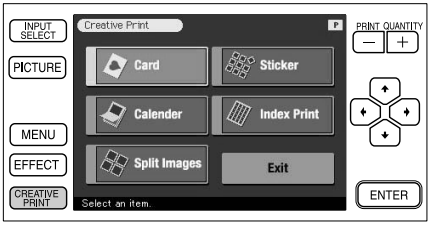
You can use another tool, exit the Tool menu, or print the image (page 36).

Making various prints (CREATIVE PRINT)

What you can do with the Creative Print menu

The Creative Print menu allows you to make a variety of prints.

To display the main Creative Print menu, tap [CREATIVE PRINT] on the operation panel:



Tap the Creative Print sub menu item and make a variety of prints.

Sub menu	Functions
Card	Adds a selected greeting and your input message to make an original card. **(Page 47)**
Calendar	Add a calendar of selected month(s) to an image or images to make an original calendar. **(Page 51)**
Split Images	Makes 4-split or 9-split images prints. **(Page 53)**
Sticker	Makes 9-split image sticker. **(Page 55)**
Index Print	Makes an index print of all the images stored in the "Memory Stick" or PC card. **(Page 57)**
Exit	Exits the Creative Print menu.

During or after the Creative Print procedures

To add drawings, stamps, or characters to the Creative Print image

For all the Creative Print sub menus except the Index Print sub menu, you can tap [Tool] displayed on the screen and use the Tool menu to add drawings, stamps, or characters to an image. For details, see "Adding drawings, stamps, or characters (Tool)" on page 36.

Continued

To display the preview image only

Tap [PICTURE] on the operation panel.

Only the preview image is displayed. To return to the previous screen, tap [PICTURE] or tap anywhere on the preview image.

To print the Creative Print image

Tap PRINT QUANTITY [+] or [–] to set the copies to be printed and then press the PRINT button. The currently displayed Creative Print image will be printed.

Notes

It may take longer to process a created image after you press the PRINT button.

To exit the Creative Print menu

Tap [Exit] in the main Creative Print menu or [CREATIVE PRINT] both in the Creative Print main and sub menus. When the dialog box used for saving images is displayed, tap [Yes] to save the image or [No] to cancel the image.

To save the Creative Print image

Tap [Save] on the screen. When the dialog box used for saving images is displayed, tap [Yes] to save the edited image or [No] to cancel it.

When both a "Memory Stick" and a PC card are inserted, the dialog box used to select the destination is also displayed. Tap the desired destination.

Notes

- If the "Memory Stick" or PC card is in write protect status, you cannot save an image in the "Memory Stick" or PC card.
- While saving the image, do not turn off the power or remove the "Memory Stick" or PC card from the insertion slot. The "Memory Stick" or PC card may be damaged.

To change the printer settings midway

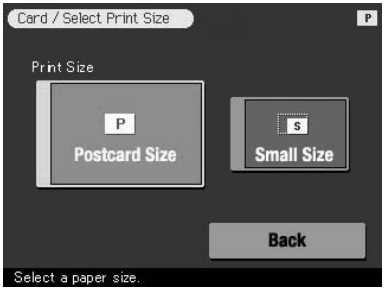
You can tap [MENU] and change the settings.

Making a card

You can add a greeting and your own message to images and make an original card like the one shown on the right.

1 Tap [Card] in the main Creative Print menu.

The print size selection screen is displayed. Select the print paper size you want to use.

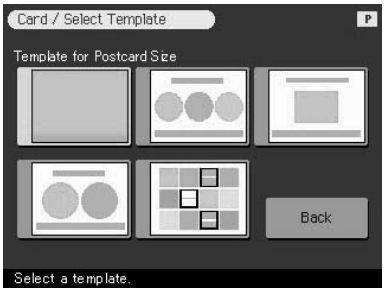


To return to the main Creative Print menu

Tap [Back].

2 Tap the desired paper size icon.

The screen used for selecting a template of the selected paper size is displayed.



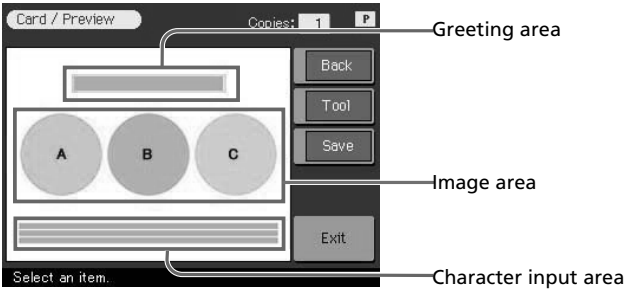
To return to the previous screen

Tap [Back]. You can redo the operations from the previous screen.

Continued

3 Tap the desired template.

A preview of the selected template is displayed. The preview allows you to check the preceding procedures.



4 Tap each area on the preview to enter a greeting, image(s), or characters.

You can choose them in any order.

■ Entering a greeting

1 Tap the greeting area.

The screen used for selecting a greeting is displayed.

2 Tap the desired greeting.

The color selection window for the greeting is displayed.

3 Tap the desired color box.

A preview reflecting your selections up to the preceding step is displayed. The greeting is displayed in the selected color.

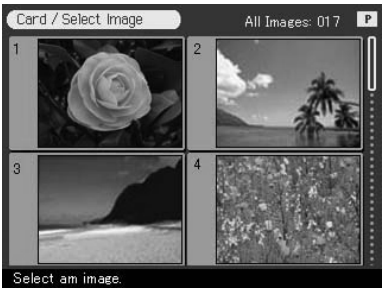
■ Entering characters

When you choose a template with characters, you can enter your own characters. Tap the character input area to display the character input screen. For how to input characters, see "Typing characters" on page 42.

■ Selecting image(s)

1 Insert a "Memory Stick" or PC card into the printer and tap an image area.

The thumbnail list used for selecting an image is displayed.



2 Tap the desired image.

The screen used to adjust the image size, position, angle, and brightness is displayed.

3 Tap the desired adjustment button and make your adjustments.

For details, see "Changing the image size and position" (page 31) and "Adjusting the pictures" (page 32).

Continued

4 Tap [Done].

A preview reflecting your selections up to the preceding step is displayed. The selected image is displayed in the image area. When you choose a template with multiple images, repeat steps 1 through 4 to select the remaining image(s) for each image area.

5 Check the preview and perform any of the procedures explained in "During or after the Creative Print procedures" on page 45.

Making a calendar

You can add a selected calendar to an image or images to make an original calendar.

1 Tap [Calendar] in the main Creative Print menu.

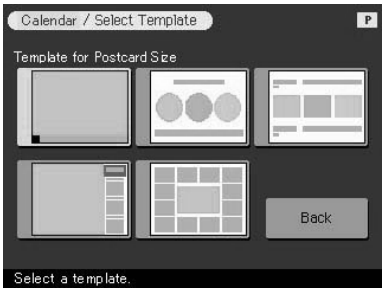
The print size selection screen is displayed. Select the print paper size you use.

To return to the main Creative Print menu

Tap [Back].

2 Tap the desired paper size icon.

The screen used for selecting a calendar template for the selected print paper size is displayed.

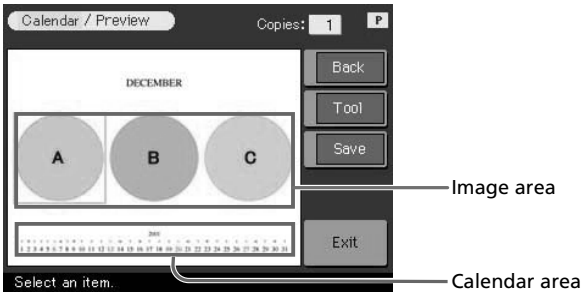


To return to the previous screen

Tap [Back]. You can redo the operations from the previous screen.

3 Tap the desired template.

A preview of the selected template is displayed. The preview allows you to check the preceding procedures.



Continued

4 Tap each area on the preview to set the calendar and add image(s).

You can choose them in any order.

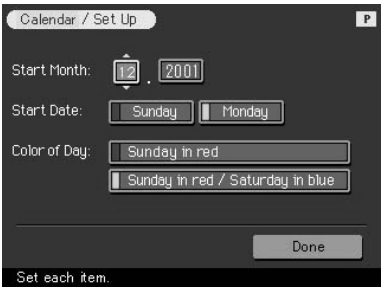
■ Selecting image(s)

Tap the image area to select and adjust an image. For details, see "Selecting image(s)" on page 49.

■ Setting the calendar

1 Tap the calendar area.

The screen used for setting the calendar is displayed.



2 In the "Start Month" line, set the year and month to start the calendar.

Tap the month box and tap ▲/▼ above and below the month box to set the month. Then tap ▲/▼ above and below the year box to set the year.

3 In the "Start Date" line, set the day starting the week (placed furthest left in the calendar).

Tap [Sunday] or [Monday].

4 In the "Color of Day" line, set the color of the days.

Tap [Sunday in red] or [Sunday in red/Saturday in blue].

5 Tap [Done].

A preview of the calendar is displayed. The selected calendar is displayed in the calendar area.

5 Check the preview and perform any of the procedures explained in "During or after the Creative Print procedures" on page 45.

Making a split print

You can make a print with 4-split, 9-split, or 16-split images.

1 Tap [Split Images] in the main Creative Print menu.

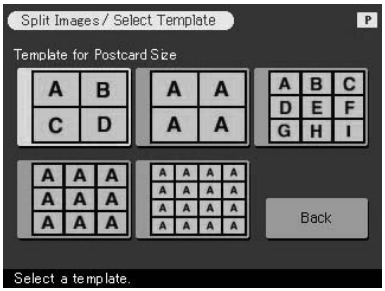
The print size selection screen is displayed. Select the print paper size you use.

To return to the main Creative Print menu

Tap [Back].

2 Tap the desired paper size icon.

The screen for selecting the split image template for the selected print paper size is displayed.



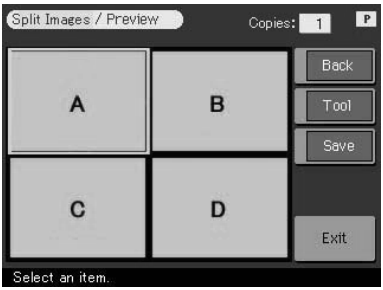
To return to the previous screen

Tap [Back]. You can redo the operations from the previous screen.

Continued

3 Tap the desired template.

The preview of the selected template is displayed. The preview allows you to check the preceding procedures.



4 Tap an image area.

When you choose a template with multiple images, you can select from any image area.

5 Select and adjust an image.

For details on selecting an image, see "Selecting image(s)" on page 49.

6 Check the preview and perform any of the procedures explained in "During or after the Creative Print procedures" on page 45.

Making a sticker

You can add a frame to each of the 9-split images to make a 9-split image sticker.

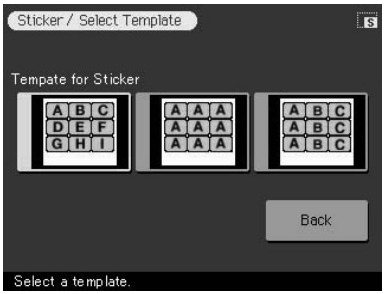
Note

You can make a sticker using Small size print paper only. Before you start making a sticker, insert Small size print paper into your paper tray.

Making a 9-split image sticker with a frame

1 Tap [Sticker] in the main Creative Print menu.

The screen used for selecting a sticker template for the Small size print paper is displayed.

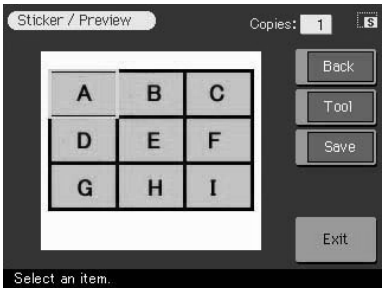


To return to the main Creative Print menu

Tap [Back].

2 Tap the desired 9-split template.

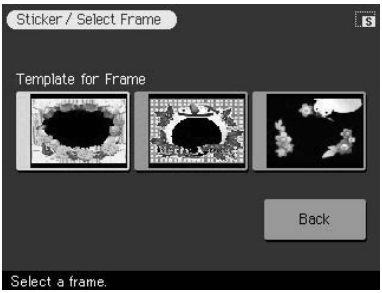
A preview of the selected template is displayed. The preview allows you to check the preceding procedures.



Continued

3 Tap an image area.

When you choose a template with multiple images, you can select from any image area. The screen used for selecting a frame is displayed.



4 Tap the desired frame.

The screen used for selecting an image is displayed.

5 Select and adjust the desired image.

For details on selecting an image, see "Selecting image(s)" on page 49.

6 Repeat steps 3 and 5 to add framed image(s) to the remaining image area(s).

7 Check the preview and perform any of the procedures explained in "During or after the Creative Print procedures" on page 45.

Making a 9-split image sticker without a frame

To make a sticker without frames, choose [Split Images] in the Creative Print menu and choose a Small size and then a 9-split template.

Making an index print

You can make an index print of the images in the "Memory Stick" or PC card.

1 Tap [Index Print] in the main Creative Print menu.

The print size selection screen is displayed. Select the print paper size you use.

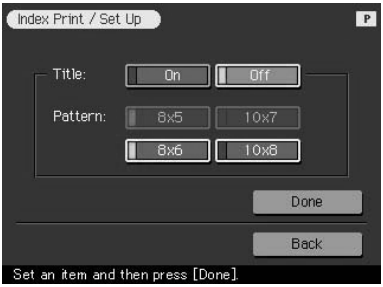
To return to the main Creative Print menu

Tap [Back].

2 Tap the desired paper size icon.

The title selection screen is displayed.

3 In the Title line, tap either [On] to add a title or [Off] to add no title.



Note

Patterns differ depending on the paper size and whether you input a title or not.

4 Tap the desired pattern of image alignment.

When you select [10 x 8], for example, 10 (horizontally) by 8 (vertically) images are printed on a sheet of print paper.

Continued

5 Tap [Done].

- When you select [On], the character input screen is displayed. Enter a title. For how to input characters, see "Typing characters" on page 42. After you enter your characters, the pattern setting screen is displayed.
- When you select [Off], the pattern setting screen is displayed immediately.

6 Check the preview and press the PRINT button.

The index list of the "Memory Stick" or PC card images is printed in the selected pattern along with any input title with corresponding image numbers. When "Date Print" is selected, the shot date (year, month and day) is also printed with the image.

Note

An image which is not displayed because it is damaged or has some kind of problems will not be printed.

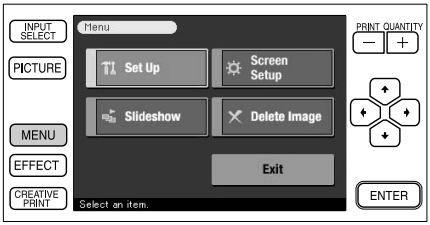
7 Tap [CREATIVE PRINT] to exit the Creative Print menu.

Setting up the printer (MENU)

What you can do with the Menu

The Menu allows you to change the printer settings, set up the screen, perform slideshow, or delete images.

To display the Menu screen, tap [MENU] on the operation panel:



Tap the Menu sub menu item and add an effect to an image.

Sub menu	Functions
Set Up	Change the printing preferences including the Auto Fine Print 2, date print, finish, or borderless print settings. You can also set clock and beep. **(Page 60)**
Screen Setup	Sets the video output and adjusts LCD display contrast. **(Page 63)**
Slideshow	Performs a slideshow of the images in the "Memory Stick" or PC card. **(Page 64)**
Delete Image	Deletes the selected image in the "Memory Stick" or PC card. Also formats the "Memory Stick." **(Page 65)**

To exit the Menu

Tap [Exit] in a Menu screen or tap [MENU]. The screen displayed before you entered the Menu screen returns.

Changing the printer preferences (Set Up)

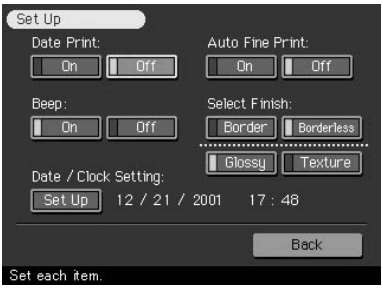
The Set Up sub menu allows you to change the printing preferences including Auto Fine Print 2, date print, finish, or borderless print settings. You can also set clock and beep.

1 Tap [MENU].

The Menu screen (page 59) is displayed.

2 Tap [Set Up].

The Set Up sub menu is displayed.



3 Tap the setting items you want to select.

A green mark indicates the setting item has been selected. (*: Default settings)

Items	Settings	Contents
Date Print	On	Prints an image with the date recorded together with the image shot with your digital still camera. **Note** You can print the date only when the image's date data is recorded in the DCF (Design rule for Camera File system) format.
	Off*	Prints an image without the date print data.
Auto Fine Print 2	On	Corrects an image automatically for printing in better picture quality, especially effective for a dark or low-contrast image. **Note** • The image on the screen is not corrected. • When printing from a computer, the Auto Fine Print 2 function does not work.
	Off*	Prints an image without any corrections.
Beep	On*	The warning and operation sound beeps.
	Off	No warning or operation sound beeps.
Select Finish	Border	Prints an image with borders around the image. (4:3 and 3:2 pictures will not be cut off at the top and bottom.)
	Borderless*	Prints an image without borders around the image. **Notes** • You cannot make borderless prints with Small size print paper. • When printing a 4:3 picture, the top and bottom edges of the image are cut and it is printed as a 3:2 picture.
	Glossy*	Prints an image vividly with glossy finish.
	Texture	Prints an image softly with a uniform and uneven finish.

Continued

Items	Settings	Contents
Date/Clock setting		You can set the internal clock to record the date you saved the image in the "Memory Stick" or PC card. **1** Tap [Set Up]. **2** Tap ▲/▼ above and below the day to set the day. **3** Tap the month box and tap ▲/▼ to set the month. **4** Set the year, the hour and minutes in the same way. **5** Tap [Set Up] again to start the internal clock.

Note

Items which cannot be changed are displayed in gray and cannot be selected.

4 Tap [Back].

The Menu screen is displayed again.

Setting video output and LCD screen contrast

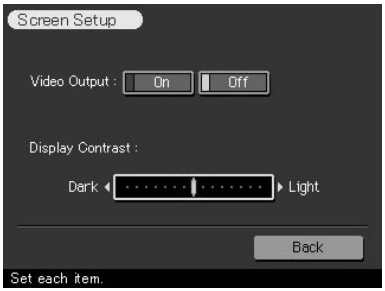
You can set the video output to a television and adjust the LCD screen contrast of the printer.

1 Tap [MENU].

The Menu screen (page 59) is displayed.

2 Tap [Screen Setup].

The Screen Setup screen is displayed.



3 Set the video output or LCD screen contrast.

Item	Settings
Video Output	Tap either of the following to set the video output to your television: [On] : Video signals are output to the connected television so that you can view the images or menus on the television. [Off]: Video signals are not output to a television and no printer images are displayed on the television.
Display Contrast	Tap ◀/▶ or anywhere on the slider to adjust the LCD level. The adjustment takes effect until you make an adjustment again.

4 Tap [Back].

The Menu screen is displayed again.

Viewing a slideshow

You can perform a slideshow of the images saved in a "Memory Stick" or PC card. When you want to search for an image, you can find it easily using the slideshow.

Note

Before you begin, make sure that neither the ALL nor the DPOF button is pressed.

1 Tap [MENU].

The Menu screen (page 59) is displayed.

2 Tap [Slideshow].

The Slideshow screen is displayed.

3 In the Switch Time line, tap [Quick] to switch images quickly or [Slow] to switch them slowly.

4 Tap [Enter].

The images in the "Memory Stick" or PC card are displayed one after another in the selected switch time like a slideshow.

To stop the slideshow

Tap anywhere on the screen or tap any button on the operation panel.

Notes

- Images will be switched with random effect patterns.
- Depending on the image, it may take time to be displayed.
- You cannot view the slideshow in the Creative Print or Edit mode.

Deleting images

You can delete images in the "Memory Stick" or PC card. You can also format the "Memory Stick."

Notes

- During deleting or formatting, do not turn off the power or remove the "Memory Stick" or PC card from the insertion slot. The "Memory Stick" or PC card may be damaged.
- If the "Memory Stick" or PC card is in write protect status, you cannot delete images or format the "Memory Stick."
- When you select [Delete Image], you cannot delete an image protected or preset by DPOF.
- An image, once deleted, will be lost forever. Before deleting an image, double-check that it is the right one.
- When formatting a "Memory Stick," all the files including the image files will be deleted.
- You cannot format a PC card.
- You cannot delete an image in the CREATIVE PRINT or EDIT mode.

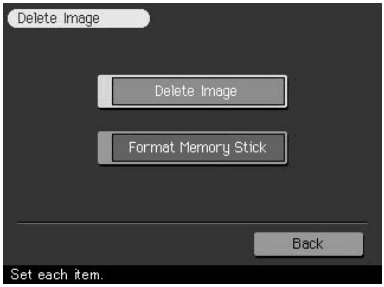
Deleting selected image(s)

1 Tap [MENU].

The Menu screen (page 59) is displayed.

2 Tap [Delete Image].

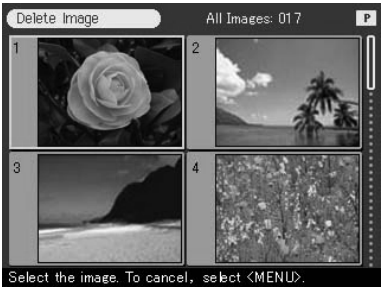
The Delete Image screen is displayed.



Continued

3 Tap [Delete Image].

The thumbnail list is displayed. When you display a preview image in step 1, the cursor is set to that image.



To return to the Menu screen

Tap [Back].

4 Tap the image that you want to delete and tap [ENTER] on the operation panel.

A confirmation dialog box is displayed.

5 Tap [Yes] to delete the image or [No] to cancel deletion.

The selected image is deleted. To delete other images, repeat steps 4 and 5.

6 To exit the Menu, tap [MENU].

The screen displayed before you enter the Menu screen returns.

Formatting a "Memory Stick"

You can format a "Memory Stick." In step 3, tap [Format Memory Stick]. When the confirmation dialog box is displayed, tap [Yes] to proceed with formatting or tap [No] to cancel formatting.

The "Memory Stick" is formatted and all the images and other files are deleted at one time.

Using your printer with Windows computers

The supplied software enables you to print an image stored on your computer's hard disk with the Digital Photo Printer DPP-SV77. You can also view, copy, or transfer images stored in a "Memory Stick" or PC card inserted in the printer from your computer's monitor. To print an image from the computer, you need commercially available printing application software.

System requirements

To use the supplied software, you need a computer that meets the following system requirements:

OS: Microsoft Windows 98/Windows 98SE/Windows Me/Windows 2000 Professional should be pre-installed.

Note

We cannot guarantee any operations with a computer where Windows 3.1 or Windows 95 has been upgraded to Windows 98 or Windows 98 has been upgraded to Windows Me.

CPU: MMX Pentium 200 MHz or above is recommended.

RAM: 32 MB or more (64 MB or more is recommended.)

Hard disk space: 50 MB or more (Depending on the number of copies to be printed.)

Port: A USB port should be installed as standard.

Drive: CD-ROM drive (for software installation)

Notes

- We cannot guarantee printer operations when a hub is used or when two or more USB devices are connected to your computer.
- If you connect more than one DPP-SV77 printer at the same time, you cannot operate the printer.
- You cannot operate the printer from another USB device being used simultaneously.

Using your printer with Windows computers

Installing the software

Install the printer driver and Memory Stick/PC card reader software contained on the supplied CD-ROM to your computer's hard disk.

When using Windows 98/98SE/Me

Installing the USB driver

1 Turn on your computer and the printer.

2 Start Windows and then connect your computer and the printer.

When the computer detects the printer, the "Add New Hardware Wizard" dialog box is displayed.

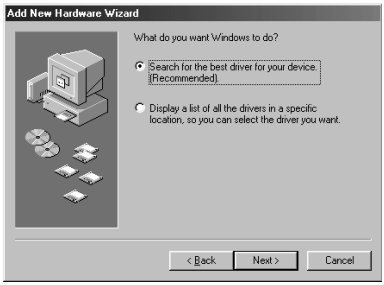
For the proper connections, refer to "Connecting to a computer (optional)" on page 16.

Note

Close all programs before running the installer.

3 Click "Next."

The dialog box to used select searching method appears.



4 Check "Search for the best driver for your device (Recommended)." and click "Next."

The dialog box to used specify the driver location is displayed.

5 Insert the supplied CD-ROM into your CD-ROM drive and check "CD-ROM drive." Then click "Next."

Installation starts. When installation ends, the "Finish Setup" dialog box appears.

Note

During installation, you may be asked to insert the Windows OS CD-ROM.

6 Click "Finish."

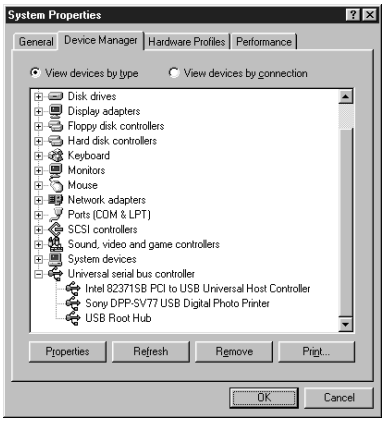
The Sony DPP-SV77 USB driver is installed.

Note

After you click "Finish," you may be prompted to restart the computer.

To check the installation

1. Click "Start," point to "Settings" and then click "Control Panel."
   The "Control Panel" window is displayed.
2. Double-click "System."
   The "System Properties" window is displayed.
3. Click a "Device Manager" tab.
   When "Sony DPP-SV77 USB Digital Photo Printer" is listed under "Universal serial bus controller," installation is completed successfully.



Continued

Installing the printer driver and reader software

1 Insert the supplied CD-ROM into your CD-ROM drive and click "Start," and then click "Run."

The "Run" dialog box is displayed.

2 Input "D:\Setup.exe" (When your CD-ROM drive is the D: drive) then click "OK."

If your CD-ROM drive is not the D: drive, input the appropriate drive name. You can also input the location of the installer by clicking the "Browse" button. The installer automatically starts, and the language selection dialog box appears.

3 Select the language for the application, then click "OK."

The "Welcome" dialog box appears.

4 Click "Next."

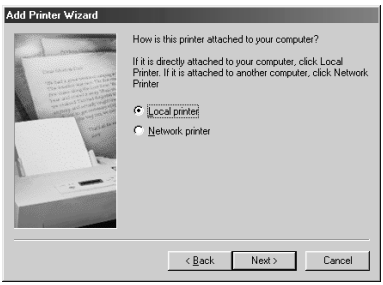
The "Choose Destination Location" dialog box is displayed. The files are factory-set to install the "C:\Program Files\Sony\DPPSV77" folder. If you want to install them to another folder, input the destination folder or specify the destination folder by clicking the "Browse" button.

5 Click "Next."

"Add Printer Wizard" starts up.

6 Click "Next."

The dialog box used to select the printer connection is displayed.



7 Check "Local printer" and click "Next."

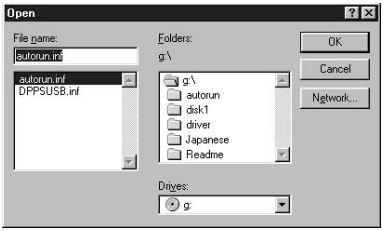
The dialog box used to select the manufacturer and model of the printer is displayed.

8 Click "Have Disk."

The "Install From Disk" dialog box is displayed.

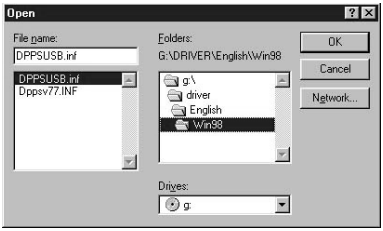
9 Click "Browse."

The following dialog box is displayed.



10 In the Drives box, select the CD-ROM drive.

The following dialog box is displayed.

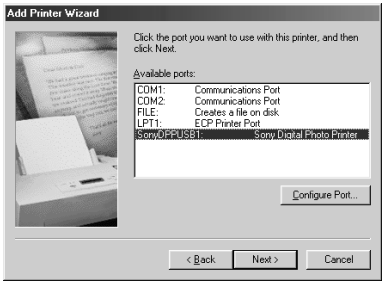


11 In the Folders box, select your language folder and then "WIN98" folder.

12 Make sure that "DPPSUSB.inf" is selected in the File name box and then click "OK."

The dialog box to select the model name is displayed.

Continued



13 Select "Sony DPP-SV77" and click "Next."

Copying of files starts. The dialog box used to select the port is displayed.

Note

During installation, you may be asked to insert the Windows OS CD-ROM.

14 Select "Sony DPPUSB1: Sony Digital Photo Printer" in the list and click "Next."

The dialog box used to select the printer name is displayed. It is factory-set to "Sony DPP-SV77." If you want to use another name, input the name in the text box.

15 Click "Finish."

The "Setup Complete" dialog box is displayed.

16 Click "Finish."

The printer driver and reader software are installed. The readme file is displayed.

"Sony DPP-SV77" is added to the "Printers" window.

Notes

- After installation, the "Sony DPP-SV77" is not set as the default printer. Set the printer you use for each application.
- After you click "Finish," you may be prompted to restart the computer.

When using Windows 2000 Professional

To use your DPP-SV77 with a computer which has Windows® 2000 Professional installed, you need to follow the procedures below to install the USB driver and the printer driver onto your computer.

1 Start Windows 2000 Professional, and log on your computer as the user name "Administrator".

2 Turn on the printer and then connect the printer and the computer via their USB ports.

Note

Make sure to turn on your printer before connection.

3 Wait for the USB driver to be installed automatically and for the following dialog box to disappear.

Note

If the "Add New Hardware Wizard" dialog box is displayed instead of the above window, follow the instructions on the screen to install the "USB Printing Support." When the dialog box asking where to search for the driver files appears, uncheck all the options and click "Next."

4 Insert the supplied CD-ROM into the CD-ROM drive of your computer.

5 Double-click "Setup.exe" on the supplied CD-ROM.

The window used to select the driver language is displayed.

6 Select the language and click "OK."

The "Welcome" dialog box appears.

7 Click "Next."

The dialog box used to choose the destination folder is displayed. The files are factory-set to install to "C:\Program Files\Sony\DPPSV77" folder. If you want to install them to another folder, specify the destination folder by clicking the "Browse" button.

Continued

8 Click "Next."

The "Setup Complete" dialog box is displayed.

9 Click "Finish."

The Readme file is displayed. "Sony DPP-SV77" is added to the "Printers" window.

Notes

- If you cannot install the printer driver with the supplied setup program, see "About the Printer Driver for Windows 2000 Professional" in the Readme file contained on the supplied CD-ROM ("Readme\English\readme.txt).
- When you connect your printer to another USB port that is different from the port used at the time of installation, an error message prompting you to input the directory for the DPPSUSB.sys file may be displayed. If this occurs, type the directory of the folder where the Reader Software is installed (usually "C:\Program File\Sony\DPPSV77\Program") and follow the instructions on the screen to re-install the files.
- After you click "Finish," you may be prompted to restart the computer.

Uninstalling the software

When the software becomes unnecessary, you should remove the software from your computer's hard disk. Uninstall the software using the following procedures:

Uninstalling the "Sony DPP-SV77"

1 Disconnect the USB cable from the printer and the computer.

2 Click "Start," point to "Settings" and then click "Control Panel."

3 Double-click "Add/Remove Programs" in the "Control Panel" window.

4 On the "Install/Uninstall" tab of the "Add/Remove Programs Properties" window, select "Sony DPP-SV77" and click "Add/Remove."

The confirmation dialog box is displayed.

5 Click "Yes."

The relevant files are removed from your computer's hard disk.

Uninstalling the printer driver

1 Disconnect the USB cable from the printer and the computer.

2 Click "Start," point to "Settings" and then click "Printers."

3 Right-click on "Sony DPP-SV77" in the "Printers" window and select "Delete" from the short-cut menu.

The confirmation dialog box is displayed.

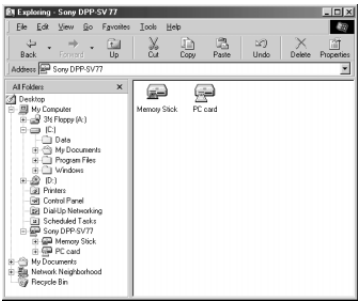
4 Click "Yes."

The relevant files are removed from your computer's hard disk.

Using the reader software

You can view the "Memory Stick" or PC card inserted in the printer as a drive on your computer's monitor.

1 In the "My Computer" or "Windows Explorer" window, double-click "Sony DPP-SV77."



2 Click "Memory Stick" or the PC card icon.

The images stored in the "Memory Stick" or PC card inserted in the printer are displayed. You can copy, transfer or save the "Memory Stick" or PC card images just as you would any other Windows files.

Note

The reader software does not operate the DPP-SV77 as a completely removable medium. When using the software, note the following restrictions:

- Before editing an image from the "Memory Stick" or PC card inserted in the printer, store it on the computer's hard disk.

  If you double-click and open the file in the printer with its associated application and edit it with the application, you cannot save the edition on the "Memory Stick" or PC card with the application's saving command.
- You cannot view or open the file in the printer using the "Open" command of an application other than the reader software.
- You cannot run an execution file contained in the "Memory Stick" or PC card.

Printing from a software application

You can use the "Print "command of a software application to print an image from your computer's hard disk with the DPP-SV77 Digital Photo Printer.

Notes

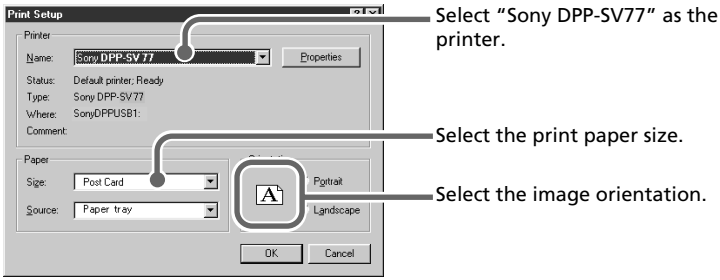
- This sections explains the settings and operations with a typical application as an example. Depending on the application, print settings and operations may differ. For the details, refer to the manual of your application.
- To get the print you expect, we suggest you use application software that allows you to check the print preview. Otherwise, make the image size 1664 (dots) x 2466 (dots) and the resolution 403 dpi.

1 Start the application software that you use to print with, and select the image to be printed.

2 Click "Print Setup" from the "File" menu of the application.

The "Print Setup" dialog box appears.

3 Set the printer.



The dialog box differs depending on the application.

① Set "Printer" to "Sony DPP-SV77."
② Set "Paper Size."

Choose	When you make
Post Card (no margin)	Post Card size borderless prints
Post Card	Post Card size border prints
Small	Small size prints

③ Set “Orientation.”

To print in portrait (tall) format, select “Portrait.” To print in landscape (wide) format, select “Landscape.”

To set properties of the printer

Click “Properties” to display the “Properties” dialog box.

❒ **Graphics tab**

You can set the used resolution when printing an image. You cannot specify dithering, intension or color.

❒ **Device Options tab**

You can select finish from either “Glossy” or “Texture.”

4 Click “OK” to close the “Print Setup” dialog box.

5 Click “Print” from the “File” menu of the application.

The “Print” dialog box appears.

Print range	Specify the pages to start and end printing. To print all the pages, select “All.”
Copies	Enter the number of copies to be printed.

6 Set the print range and copies and click “Print.”

The printer starts printing. To stop printing, click “Cancel.”

Using your printer with Macintosh computers

The supplied software enables you to print an image from your Macintosh with the Digital Photo Printer DPP-SV77. To print an image from the computer, you need a commercially available printing software application.

System requirements

To use the supplied software, you need a Macintosh computer that must meet the following system requirements.

OS:	Mac OS 8.5.1/8.6/9.0/9.1 should be pre-installed.
Port:	A USB port should be installed as standard.
RAM:	32 MB or more (64 MB or more is recommended.)
Hard disk space:	50 MB or more (depending on the number of copies to be printed.)
Drive:	CD-ROM drive (for software installation)

Notes

- We cannot guarantee the printer operations when a hub is used or when two or more USB devices are connected to your computer.
- If you connect more than one DPP-SV77 printer at the same time, you cannot operate the printer.
- You cannot operate the printer from another USB device being used simultaneously.

Installing the printer driver

Install the Sony DPP-SV77 Printer Driver Software Ver. 1.0 for Mac OS 8.5.1/8.6/9.0/9.1 (“printer driver” in this manual) into your Macintosh.

1 Connect your Macintosh and the printer.

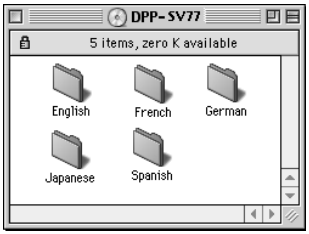
For the connections, refer to “Connecting to a computer (optional)” on page 16.

2 Turn on the printer and start your Macintosh.

Note

Close all programs before running the installer.

3 Insert the supplied CD-ROM into your CD-ROM drive.



4 Select the software language by double-clicking the corresponding folder on the CD-ROM.

The selected language folder opens.

5 Double-click "Setup Program."

6 Click "Install."

Installation starts. Follow the instructions on the screen to complete installation.

Uninstalling the printer driver

When the software becomes unnecessary, remove the software as follows: In step 6, click "Uninstall."

Printing from a software application

You can use a software application to print images stored in your computer's hard disk using the DPP-SV77 Digital Photo Printer.

Notes

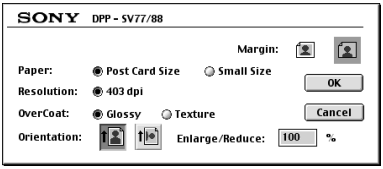
- This sections explains the settings and operations using a typical application as an example. Depending on the application, print settings and operations may differ. For the details, refer to the manual of your application.
- To get the print you expect, we suggest you use software application that allows you to check a print preview. Otherwise, set the image size to 1664 (dots) x 2466 (dots) and the resolution to 403 dpi.

1 Start the application software that you use to print with, and select the image to be printed.

2 Select "Chooser" from the Apple menu, click "Sony DPP-SV77" in the "Chooser," and then close the "Chooser."

3 Click "Print Setup" from the "File" menu of the application.
The "Print Setup" dialog box appears.

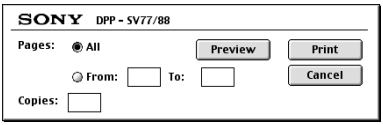
4 Choose the printer settings.



Paper/Margin	To make Post Card Size borderless prints, click "Post Card" and the no margin icon. To make border Post Card Size print, click "Post Card" and the margin icon. To make Small Size prints, click "Small."
Orientation	To print a wide image, click the landscape icon. To print a tall image, click the portrait icon.
Overcoat	Select the overcoat type ("Glossy"/"Texture").
Enlarge/Reduce	Select the size to be print: enlarged or reduced.

5 Click "OK" to close the dialog box and select "Print" from the "File" menu.

The "Print" dialog box appears.



Print range	Specify the pages to start and end printing. To print all the pages, select "All."
Copies	Enter the number of copies to be printed.
Preview	Displays a print preview.

6 Set the print range and copies and click "Print."

The printer starts printing. To stop printing, click "Cancel."

Precautions

On safety

- Operate the printer on 120 V AC, 60 Hz (for the 110 to 120V area) or 220 to 240 V AC, 50/60 Hz (for the models for other areas) only.
- 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 printer with a damaged power cord.
- Should any solid object or liquid fall into the cabinet, unplug the printer and have it checked by qualified personnel before operating it any further.
- Never disassemble the printer.
- To disconnect the power cord, pull it out by the plug. Never pull the power cord itself.
- When the printer is not going to be used for an extended period of time, disconnect the power cord from the wall outlet.
- Do not handle the printer roughly.
- To reduce the risk of electrical shock, always unplug the printer from the electrical outlet before cleaning and servicing the printer.
- Take care not to scratch or damage your printer's LCD screen. Always use the supplied stylus or a plastic-tipped pointer to tap on the screen. Do not use a real pen, pencil, or other sharp object on the screen.
- Your printer's screen is made of glass. Do not drop or submit your printer to external shock.

On installation

- Avoid placing the printer in a location subject to:
  - vibration
  - high humidity
  - excessive dust
  - direct sunlight
  - extremely high or low temperatures
- Do not use electrical equipment near the printer. The printer will not work properly in electromagnetic fields.
- The printer is designed to operate horizontally. Never attempt to operate the printer in a tilted position.
- Do not place heavy objects on the printer.
- Leave enough room around the printer so that the ventilation holes are not blocked. Blocking these holes may cause internal heat build-up.

On moisture condensation

If the printer 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 printer will probably not work properly and may even develop a fault if you persist in using it. If moisture condensation occurs, turn off the power and do not use the printer for at least one hour.

On transport

When you transport the printer, remove the print cartridge, paper tray, the "Memory Stick" or PC card from the printer and put the printer 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 printer will not be damaged while being transported.

On cleaning

Clean the cabinet, panel and controls 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.

On cleaning of the LCD display, please see page 11.

On restrictions on duplication

If duplicating documents with the printer, pay special attention to the following:

- Duplication of banknotes, coins, or securities is against the law.
- Duplication of blank certificates, licenses, passports, private securities, or unused postal stamps is also against the law.
- TV program, films, video tapes, others' portraits or other materials may be copyrighted. Unauthorized video printing of such materials may infringe the provisions of the copyright law.

About the “Memory Stick” and PC card media

The printer can read and write “Memory Stick” and PC card (PCMCIA ATA compatible type II flash memory cards with a power specification of 5V or 3.3/5V). By using a commercially available PC card adaptor, you can also use Smart Media and other types of compact flash memory cards.

On “Memory Stick”

“Memory Stick” is a removable storage media used with a digital still camera, video camera, or PC. You can easily display, save or delete images using this medium.

There are two types of “Memory Stick”: an ordinary “Memory Stick” and “MagicGate Memory Stick.” The “MagicGate Memory Stick” is equipped with the MagicGate copyright protection technology that uses encryption technology. You can use both types of “Memory Stick” with your printer.

However, because the printer does not support the MagicGate standards, data recorded with the printer is not subject to MagicGate copyright protection.

To protect “Memory Stick” images

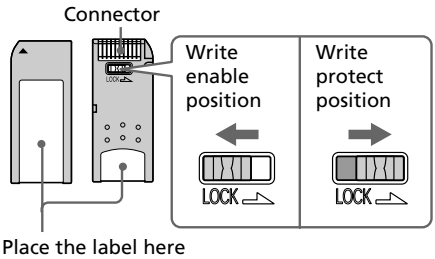
To prevent accidental erasure of important image data, use the write protect switch on the “Memory Stick.” Slide the switch to the write protect or write enable position:

■Write enable position

Slide the switch left to the write enable position. You can read, write and delete data on the “Memory Stick.” Formatting the “Memory Stick” is also enabled. When storing images on the “Memory Stick,” set the switch to the write enable position.

■Write protect position

Slide the switch right to the write protect position. It is now impossible to write or delete the data on the “Memory Stick.” We suggest you set the switch to the write protect position while just viewing “Memory Stick” images.



Notes on use

- You cannot use PC cards with a power specification of 3V only.
- Do not insert other types of PC card into the printer's insertion slot. The printer may be damaged.
- Do not drop, bend, or submit the "Memory Stick" or PC card to external shock.
- Do not disassemble or modify the "Memory Stick" or PC card.
- Avoid getting liquids on the "Memory Stick" or PC card or using them in areas subject to high humidity. Otherwise, data may be rendered unreadable.
- Avoid using or storing the "Memory Stick" or PC card in a location subject to:
  - extremely high temperature such as the hot inside of a car or the outdoors exposed to a direct sunlight, or a place near a heater.
  - direct sunlight
  - high humidity
  - corrosive substances
  - excessive dust
  - electrostatic or electronic noises
  - magnetic fields
- Avoid touching the connector of the "Memory Stick" or contacting it with a metal object.
- When attaching a label to the "Memory Stick" as specified in the illustration, use the label supplied for the "Memory Stick" only. Do not use any other labels.
- When storing and carrying the "Memory Stick" or PC card, keep it in its original case to ensure protection of important data.
- Avoid removing the "Memory Stick" or PC card from the insertion slot or turning off the power of the printer while the printer is accessing the "Memory Stick" or PC card. Otherwise, data may be rendered unreadable.
- When using a compact flash card or Smart Media, use a commercially available PC card adaptor that is compatible with the card. Insert the card into the adaptor and then insert it into the printer. For how to install the card and adaptor, refer to the operating instructions of the PC card adaptor.
- Avoid inserting or removing the compact flash card or Smart Media into or out of the PC card adaptor while the PC card adaptor is inserted in the printer. The data may be rendered unreadable or erased.

Troubleshooting

If you run into any problems using the printer, use the following guidelines to solve the problem. If the problem persists, consult your Sony dealer.

When you are printing from your computer, also refer to the computer manual.

Cannot operate the printer after the power switch is turned on.

→ Connect the AC power cord to an AC outlet securely.

The LCD screen of the printer displays no images.

→ Insert a "Memory Stick" or PC card securely. Check that images recorded by a digital still camera or other device are recorded.

→ Make sure that the PC input indicator is not lit.

→ Tap [INPUT SELECT] to turn on the "MEMORY STICK" or PC CARD indicator.

The television displays no images.

→ Set the input selector of the television to "VIDEO."

→ Connect the printer to the television properly and turn both on.

→ Make sure that Video Output is set to On in the Screen Setup of the Menu screen.

Cannot print.

→ Insert the correct set of print cartridge and print paper.

→ Check that the paper tray has paper.

→ The thermal head may be overheated. Leave the printer until the head cools down and the printer resumes printing.

→ Remove the jammed paper, if any.

An image in thumbnail list is not properly displayed or printed.

→ If the image is displayed but can not be printed, the file used for printing is damaged.

→ If the mark shown on the right is displayed in the thumbnail list, the image is a JPEG file created with your computer, or the thumbnail data of the image is damaged.

Select the mark and press PICTURE. If a preview image is displayed, you can print the image. If the same mark is displayed again as a preview, the image is stored in an incompatible file format that the DPP-SV77 does not support or the image itself is damaged.

→ An image which is damaged or has some kind of problem will not appear in the image list. A file error message appears on the display. If there are no images stored in the "Memory Stick" or PC card, the no file message appears on the display.

→ If an image is not compatible with DCF (Design rule for Camera File system), it may not be printed using the printer even if it is displayed on the PC monitor.

→ The printer can handle and display up to 999 image files. If there are more than 999 images stored in the "Memory Stick" or PC card, use the computer to display and handle the remaining images.

→ Depending on the type of digital still camera used, the aspect ratio of the recorded image differs, so the image may not be printed covering the entire printable area.

→ Depending on the type of digital still camera used, preview images may be displayed along with the primary images in the thumbnail list. The printed quality of the preview images will not be as good as the primary images. Note that if you delete the preview images, the data for the primary images may be damaged.

→ Depending on the type of digital still camera used, the image may be stretched vertically if it has been rotated or processed using your digital still camera. This is not because of trouble with the printer, but because the image was rewritten using your digital still camera.

→ Some types of PC card adaptor that are not compatible with PCMCIA ATA cannot be used with this printer.

The beeps sound.

→ Check that you are following the correct procedures.

Cannot remove the print cartridge.

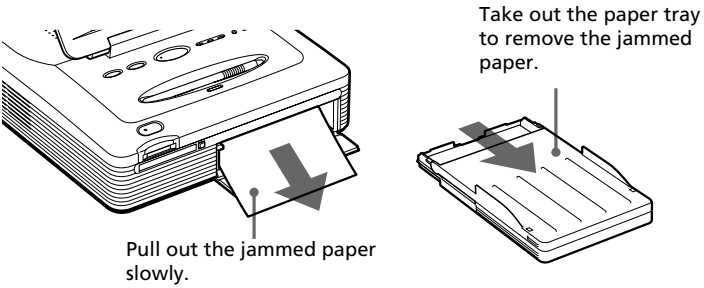
→ Turn the printer off then on. After the motor sound stops, try to remove the cartridge.

The ▭ or ⚲ indicator is lit or an error message is displayed.

→ Follow the instructions on the screen.

If paper jams

If the print paper jams, the paper error indicator lights and an error message is displayed. Printing stops. Turn the printer off and remove the jammed paper from the paper outlet or take out the paper tray to remove the jammed paper.



Note

If you cannot remove the jammed paper, contact your Sony dealer.

Specifications

Printing system

Sublimation dye transfer printing (Yellow/Magenta/Cyan 3 pass)

Resolution

403 (H) x 403 (V) dpi

Gradations

256 levels (8 bits for each Yellow/Magenta/Cyan), approx. 16,770,000 colors

Printing size

152.4 (H) x 101.6 (V) mm (maximum, Post Card Size, borderless) (6 x 4 inches)

Printing time

Approx. 90 seconds per sheet (Post Card Size Paper)

Approx. 60 seconds per sheet (Small Size Paper)

(excluding the time for data processing and data transferring from the personal computer or "Memory Stick" or PC card)

Input/output connectors

USB connector (1)

VIDEO OUTPUT connector (phono jack x 1)

1 Vp-p, 75 ohms (unbalanced), sync negative

Slot

"Memory Stick" insertion slot (1)
PC card insertion slot (PCMCIA II) (1)

Compatible image file formats

JPEG: 4:4:4, 4:2:2, 4:2:0 (baseline JPEG)

BMP: 24 bits full color, Windows format

(Note that some versions of the file formats may not be compatible.)

Maximum number of files to be handled

999 files

Print cartridge/Print Paper

See "Preparing the printing pack" on page 18.

LCD display

3.2 inch transparent STN color display

960 x 240 dots

Power requirements

120 V AC, 60 Hz, 1.16 A
(for 100 to 120 V users)

220 - 240 V AC, 50/60 Hz, 0.62A
(for 220 to 240 V users)

Power consumption (standby mode)

Approximately 1 W

Operating temperature

5 °C to 35 °C (41 °F to 95 °F)

Dimensions

Approx. 242 x 87 x 267 mm
(w/h/d, excluding protruding parts)

($9\,^{5}/_{8}$ x $3\,^{1}/_{2}$ x $10\,^{5}/_{8}$ inches)

(363 mm ($14\,^{3}/_{8}$ inches) of depth when the paper tray is installed.)

Mass

Approx. 2.4 kg (5 lb 5 oz)

(excluding the 0.1 kg (4 oz) paper tray)

Supplied accessories

See "Unpacking the printer" on page 7.

Design and specifications are subject to change without notice.

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