

# 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-SV88**

# 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.

## CAUTION

The use of optical instruments with this product will increase eye hazard. As the laser beam used in this printer is harmful to eyes, do not attempt to disassemble the cabinet. Refer servicing to qualified personnel only. The following caution label is located on the laser protective housing inside the enclosure.

**CAUTION-**  
Laser radiation when open.  
DO NOT STARE INTO BEAM.

## 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-SV88

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 Myers, Florida 33912*

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

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.

## For customers in Canada

This Class B digital apparatus complies with Canadian ICES-003.

## CAUTION

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

## CAUTION

The nameplate is located on the bottom enclosure.

### Declaration of Conformity

Trade Name: SONY

Model No.: DPP-SV88

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.

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- IBM and PC/AT are registered trademarks of International Business Machines Corporation.
- MMX and Pentium are registered trademarks of Intel Corporation.
- Apple, Macintosh, Power Macintosh, and Mac OS are registered trademarks of Apple Computer, Inc.
- "Memory Stick," "MagicGate Memory Stick" and their logo marks are the trademarks of Sony Corporation.
- Aplix and PacketMan™ is the registered trademarks of Aplix Co., Ltd.
- All other companies and product names mentioned herein may be the trademarks or registered trademarks of their respective companies. Furthermore, "TM" and "®" are not mentioned in each case in this manual.

## Notice for users

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Documentation ©2001 Sony Corporation

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By breaking the seal of the envelope of the CD-ROM package, you accept all the terms and conditions of this agreement. If you do not accept these terms and conditions, please return this disk envelope unopened, along with the rest of the package, immediately to the dealer where you obtained it.

Sony Corporation reserves the right to make any modification to this manual or the information contained herein at any time without notice.

The software described herein may also be governed by the terms of a separate user license agreement.

### User Registration

To receive customer services, complete and return the registration card included in your package.

Any design data such as sample pictures provided in this software cannot be modified or duplicated except for the purpose of personal use. Any unauthorized duplication of this software is prohibited under copyright law.

Please note that unauthorized duplication or modification of others' portraits or copyrighted work could infringe the rights reserved by right holders.

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# What you can do with the printer

With the Digital Photo Printer DPP-SV88, you can print images of a “Memory Stick,” PC card, CD-R/RW disc, a video recorder, or a computer. You can also save images on a “Memory Stick,” or PC card or in albums in a CD-R/RW disc.

## 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.

## Auto Fine Print 2 function

The Auto Fine Print 2 analyses the picture information of an image and corrects it as vivid, clear, and natural 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,” PC card, CD-R/RW disc, or video equipment images

You can print digital still camera images stored on a “Memory Stick” or PC card, or the PC images stored in a CD-R/RW disc. You can also capture and print images from a video recorder connected to the printer’s video input connector. For a “Memory Stick” or PC card, all the contained images or all the DPOF (Digital Print Order Format) preset images can be printed at one time.

## Selection of print finish

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

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## 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 image processing 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.

### 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-SV88 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.

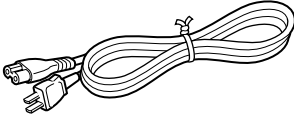
#### **Note**

You cannot transfer the images in a CD-R / RW disc.

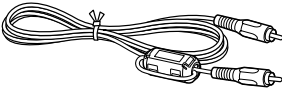
# Unpacking the printer

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

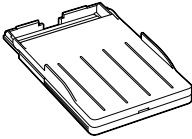
- AC power cord (1)\*



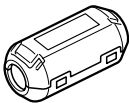
- Video connection cable (1)



- Paper tray (1)



- Clamp filter (1)



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

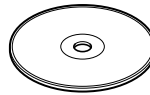
## \*Note

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

- Remote commander (1)



- CD-ROM (1)

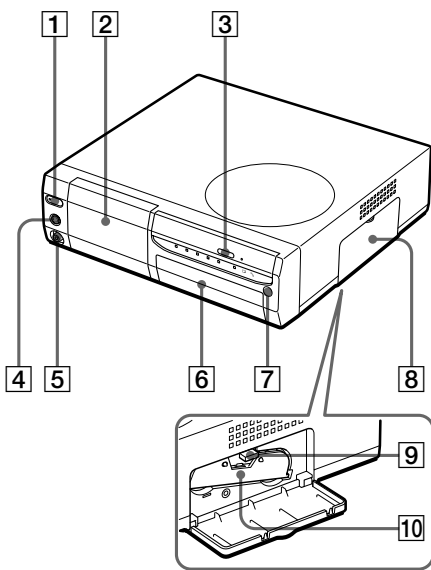


–Sony DPP-SV88 Printer Driver  
Software for Windows 98/  
98SE/Me/2000 Professional  
Ver. 1.0

–Sony DPP-SV88 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

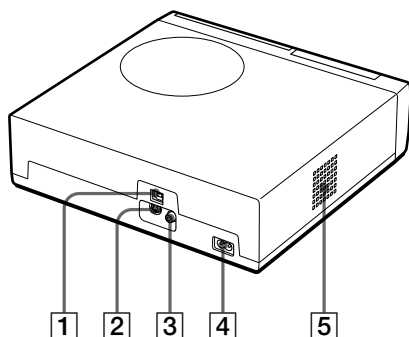
# Identifying the parts



For details, see the pages indicated in the parentheses.

## Printer front panel

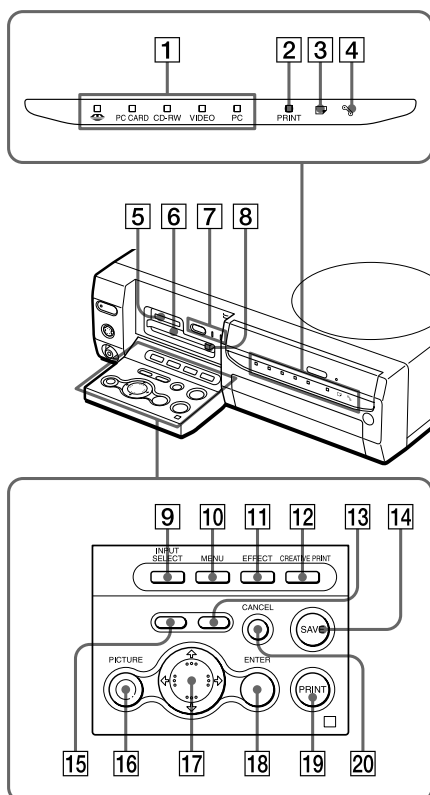
- 1 POWER button (pages 16, 23)**  
Lights in orange in the standby mode and lights in green in the power-on mode.
- 2 Operation panel (next page)**  
Pull down to open the operation panel.
- 3 CD-R/RW disc tray open/close button (page 16)**  
Press this button to open and close the CD-R/RW disc tray.
- 4 S VIDEO IN connector (page 13)**
- 5 VIDEO IN connector (page 13)**
- 6 Paper tray compartment lid (page 24)**  
Insert the supplied paper tray here.
- 7 Remote sensor (page 19)**  
Point the supplied remote commander to this sensor to operate the printer.
- 8 Cartridge compartment lid (page 21)**
- 9 Print cartridge eject lever (page 21)**  
Push up to eject the print cartridge.
- 10 Print cartridge (pages 20, 21)**  
(Not supplied)



## Printer rear panel

- 1 USB connector (page 17)**  
Connects to the USB connector of your computer.
- 2 S VIDEO OUT connector (page 12)**
- 3 VIDEO OUT connector (page 12)**
- 4 AC IN connector (page 14)**
- 5 Ventilation holes**





## Printer indicators and operation panel

### 1 Input indicators (pages 18, 23)

The indicator for the current input signal lights ("MEMORY STICK"/PC CARD/CD-RW/VIDEO/PC).

### 2 PRINT indicator (pages 26, 28)

### 3 Paper error indicator (pages 22, 92)

### 4 Cartridge error indicator (page 20)

### 5 "MEMORY STICK" insertion slot (page 14)

### 6 PC CARD insertion slot (page 15)

### 7 ALL PRINT button (page 28)

Each time you press the button, ALL and DPOF printing modes switches. The relevant indicator lights.

### 8 PC card eject button (page 15)

### 9 INPUT SELECT button (page 23)

Switches the input. (The selected input indicator 1 lights, except for "PC.")

### 10 MENU button (pages 61)

### 11 EFFECT button (page 44)

### 12 CREATIVE PRINT button (page 50)

### 13 FOLDER RECALL button

### 14 SAVE button

### 15 ALL/FOLDER SELECT button

### 16 PICTURE button (page 24)

Switches the thumbnail list and preview image.

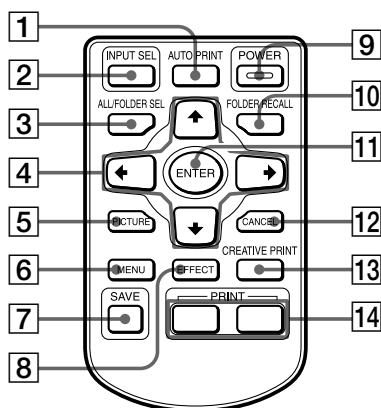
### 17 Arrow (, , , ) buttons (page 13)

### 18 ENTER button (page 13)

### 19 PRINT button (pages 26, 28)

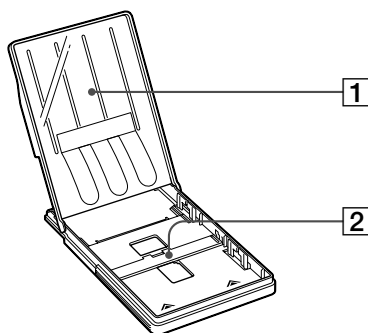
### 20 CANCEL button (pages 26, 28)

## Identifying the parts



## Remote commander

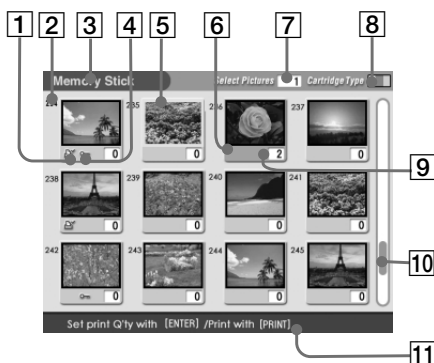
- 1 ALL PRINT button (page 28)**  
Each time you press the button, ALL and DPOF printing modes switches. The relevant indicator on the printer lights.
- 2 INPUT SELECT button (page 23)**  
Switches the input. (The selected input indicator on the printer lights, except for "PC.")
- 3 PRINT indicator (pages 26, 28)**
- 4 ALL/FOLDER SELECT button**
- 4 Arrow (←/→/↑/↓) buttons (page 13)**
- 5 PICTURE button (page 24)**  
Switches the thumbnail list and preview image.
- 6 MENU button (pages 61)**
- 7 SAVE button**
- 8 EFFECT button (page 44)**
- 9 POWER button (pages 16, 23)**
- 10 FOLDER RECALL button**
- 11 ENTER button (page 13)**
- 12 CANCEL button (pages 26, 28)**
- 13 CREATIVE PRINT button (page 50)**
- 14 PRINT button (pages 26, 28)**
- 20 CANCEL button (pages 26, 28)**



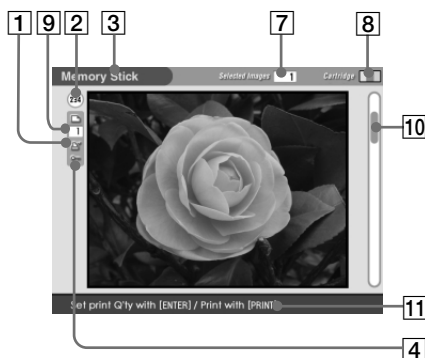
## Paper tray

- 1 lid (page 23)**
- 2 Partition (page 23)**

Thumbnail list



Preview image



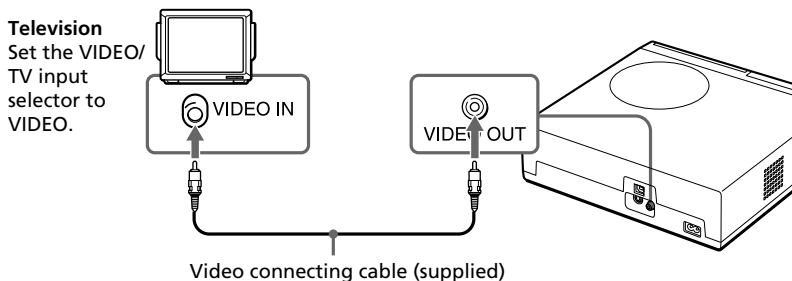
## Screen

- 1 Print preset (DPOF) indication**  
Indicates the image is DPOF preset for printing from a digital still camera.
- 2 Image number**
- 3 "Memory Stick"/PC Card/CD-R/RW indication**  
Indicates that the type of media currently being used.
- 4 Protect indication**  
Indicates the image is protected by a digital still camera.
- 5 Cursor (yellow frame)**  
Indicates that the image with the cursor.
- 6 Selection (orange)**  
Indicates that the image has been selected.
- 7 The quantity of selected images/ the total image quantity**  
When no image is selected, only the total image quantity is displayed.
- 8 Print cartridge indication**  
Indicates the type of print cartridge currently loaded.
- 9 Print quantity indication**  
Indicates the print quantity.
- 10 Scroll bar**  
Indicates the position of the image currently displayed or selected from among the total number of images.
- 11 Guidance message**  
Displays simplified instructions for the next step.

# 1 Connecting the printer

## Connecting to a television (optional)

Connect the VIDEO OUT (output) connector of the printer to the video input of the television to display the images to be printed.



### When your television has an S-video input connector

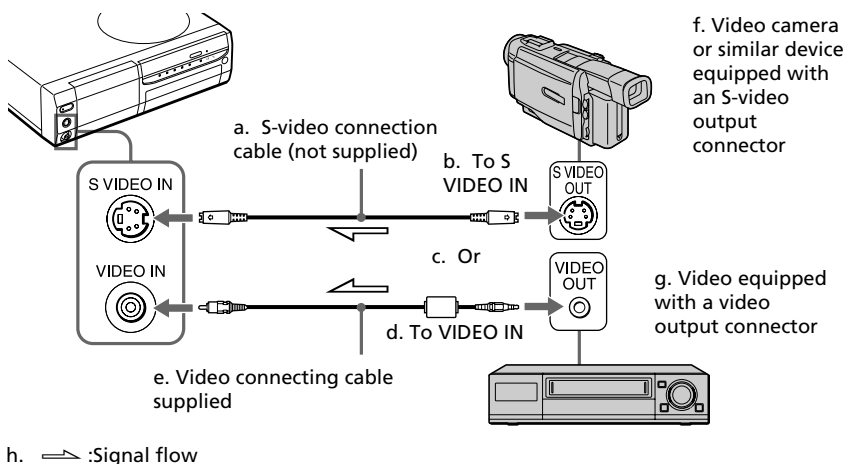
Connect the S-video input connector of your television to the S VIDEO OUT (output) connector of the printer using an S-video connection cable (not supplied). You can get better picture quality. In this case, you do not need to connect the video connector.

#### Notes

- 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.

## Connecting to video equipment

When printing images from video equipment such as a video camera or video recorder, use the supplied video connection cable to connect the video equipment and the printer. For details on how to print from your video device, see “Printing an image from video equipment” (pages 31–33).



### If the video equipment has an S-video output connector

Connect the S-video output connector of the video equipment to the S VIDEO IN (input) connector of the printer using an S-video connection cable (not supplied) so that you can get better picture quality. In this case, you do not need to connect the video connector.

### To view the video images on the television while the printer is turned off

- To view the video equipment connected to the printer's VIDEO IN connector, connect your television to the printer's VIDEO OUT connector.
- To view the video equipment connected to the printer's S VIDEO IN connector, connect your television to the printer's S VIDEO OUT connector.

### Notes

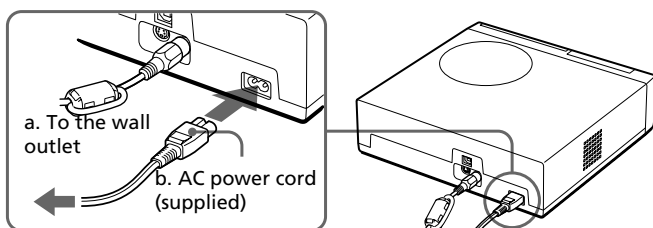
- Before making connections, turn off the power of the printer, the video equipment and television.
- Also refer to the instruction manual of the video equipment.

## 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.



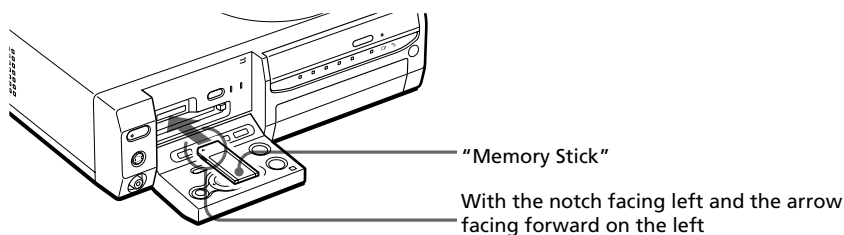
### Inserting a "Memory Stick" or PC card

#### 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"

Open the operation panel cover and insert the "Memory Stick" into the "MEMORY STICK" insertion slot until it clicks into place.



#### To eject the "Memory Stick"

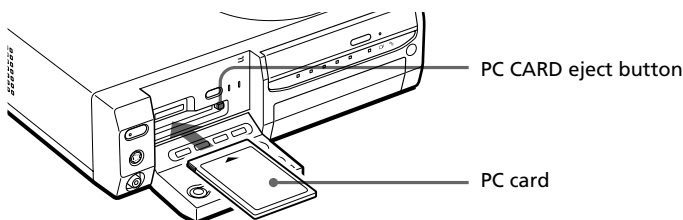
Push the "Memory Stick" further into the insertion slot and then remove it slowly.

**Note**

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

**Printing an image from a PC card**

Open the operation panel cover and 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 the button pops out, press the button again further until it clicks into place. When the PC card is ejected, remove it slowly.

**Notes**

- Insert the PC card only. Do not insert any other objects.
- When you close the operation panel cover, make sure that the PC CARD eject button is firmly pressed.

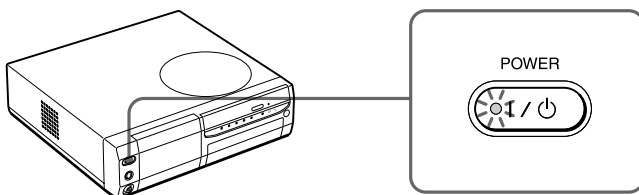
## 1 Connecting the printer

### Inserting a CD-R/RW disc

To read images or save images in folders, insert a CD-R/RW disc into the CD-R/RW disc tray of the printer. For the types of discs you can use with the printer and precautions on use of a disc, see “On CD-R/RW discs” on page 34.

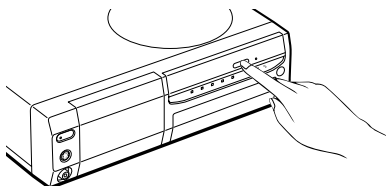
#### 1 Press the POWER button to turn on the printer.

The POWER indicator light changes orange to green.

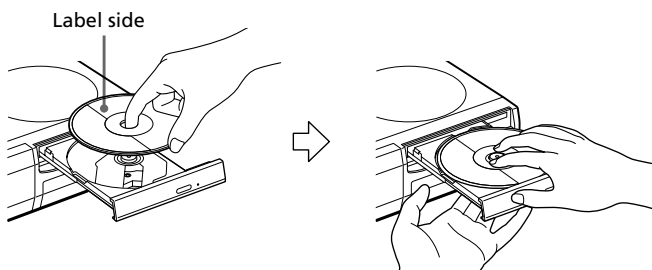


#### 2 Press the CD-R/RW disc tray open/close button.

The CD-R/RW disc tray slides out.



#### 3 Place a CD-R/RW disc on the tray with the label side facing up and put it into the center hub until it clicks into place.



#### Notes

- When opening the disc tray, suspend it with your hand.
- When closing the CD-R/RW tray, make sure to seat the disc firmly over the CD-R/RW tray hub. If not, you could damage your CD-R/RW drive and you may not be able to open the tray.



- 4 Close the disc tray firmly until it clicks into place.

## To take out the disc

- 1 Press the CD-R/RW disc tray open/close button.

The CD-R/RW disc tray comes out.

### Note

While the CD-RW indicator lights or blinks, the CD-R/RW is being accessed. You cannot eject the CD-R/RW disc. Wait until the indicator turns off and then press the CD-R/RW disc tray open/close button.

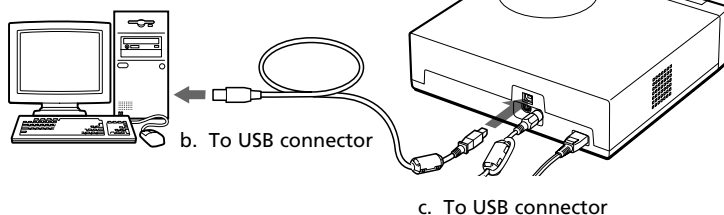
- 2 Remove the CD-R/RW disc from the tray.

## 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 70–85).

a Windows/  
Macintosh  
computer



Continued

## 1 Connecting the printer

### 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.



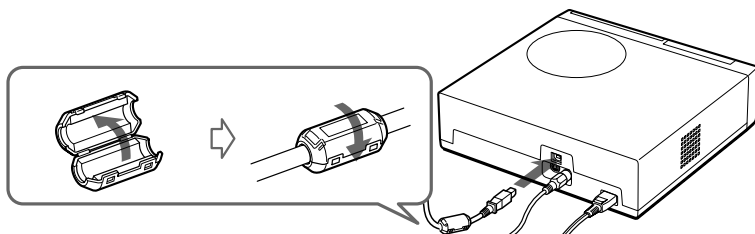
#### Notes

- The Reader software supports Windows only.
- 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 pressing the INPUT SELECT button.
- 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

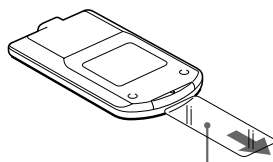
If your USB cable is not equipped with a clamp filter, attach the supplied clamp filter near the printer's USB connector of the cable .

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.



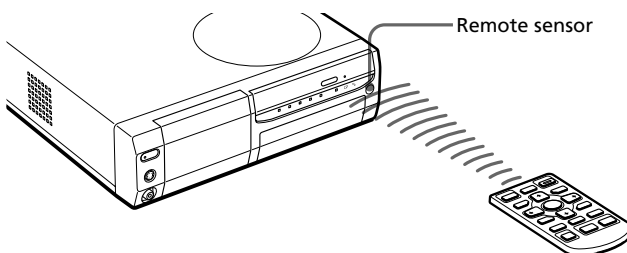
## 2 Preparing the remote commander

- 1 Remove the friction seal from the remote commander.  
With the friction seal removed from the lithium battery, the remote commander is ready for use.



Friction sea

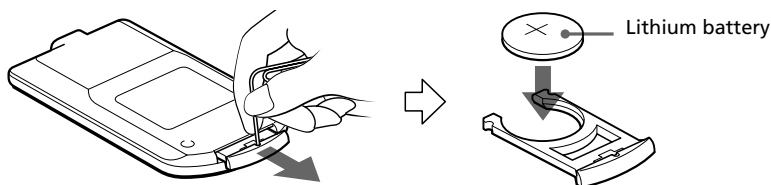
- 2 Point the remote commander to the remote sensor on the printer and then press a button to operate the printer.  
You can use the buttons on the remote commander in the same way as those identical buttons on the printer.



Remote sensor

### Replacing batteries

When the printer does not respond to the remote commander, the battery may run out. Use a fine pin or other thin shaped device to pick and slide out the battery compartment lid. Remove the used battery and then insert a new lithium battery (CR2025) into the compartment with the + and – properly aligned.



Lithium battery

**Replace the battery with Sony CR2025 lithium battery. Use of another battery may preset a risk of fire or explosion.**

## 3 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:

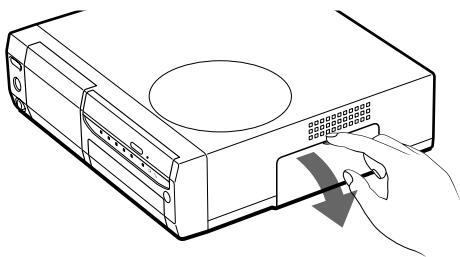
Printing pack	Contents
SVM-25LS	25 sheets of Post Card size photo paper/Print cartridge for 25 prints
SVM-25LW	25 sheets of Post Card size sticker/Print cartridge for 25 prints
SVM-30SS	30 sheets of Small size photo paper/Print cartridge for 30 prints
SVM-30SW	30 sheets of Small size stickers/Print cartridge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

### Notes

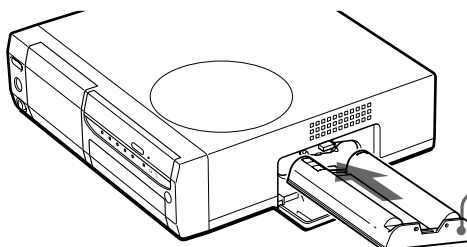
- Use the printing pack for this printer only.
- Always use the print cartridge designed for the size of the print paper you use. If you mix cartridges and paper of different types or size, printing may not be possible, or a paper jam or other trouble may occur.
- Do not use the same print paper or print 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.

## 4 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.

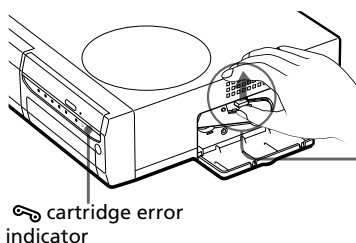



The side with the Sony logo

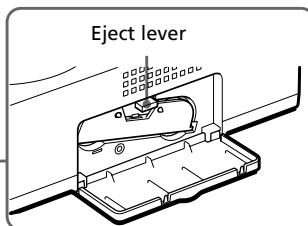
### To replace the print cartridge

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.



 cartridge error indicator

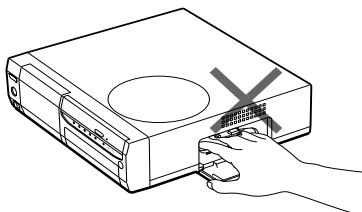


**Continued**

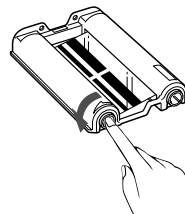
## 4 Loading the print cartridge


### 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

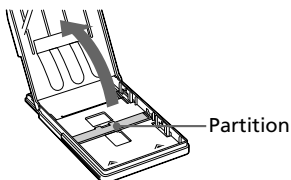
- Avoid placing the print cartridge in a location subject to high temperatures, high humidity, excessive dust or direct sunlight
- When you are going to store a partially-used cartridge, store it in its original bag.

## 5 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.

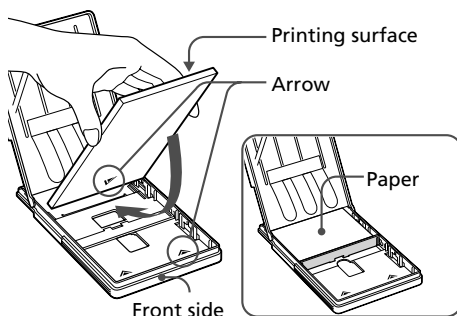


- 2 Set the print paper into the tray.

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.



When inserting Small size print paper

### Note

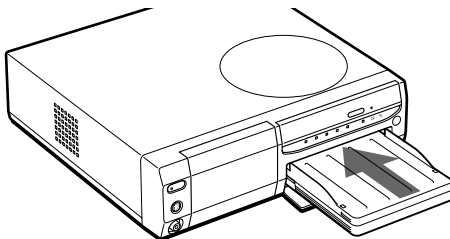
Do not touch the printing surface. Fingerprints on the printing surface may result in imperfect printing.

Continued



## 5 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.

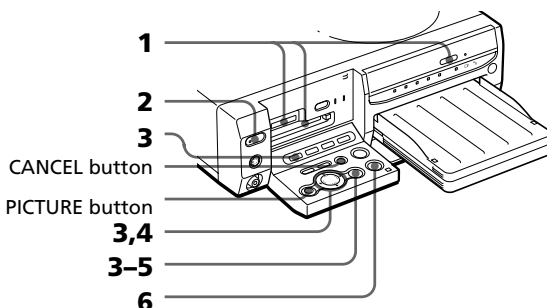
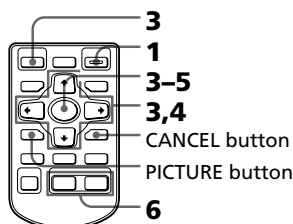


# Printing selected card or disc images

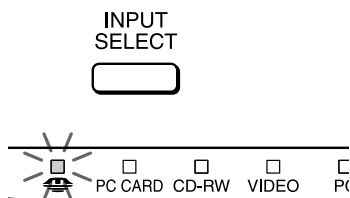
You can select an image recorded in the “Memory Stick,” PC card or CD-R/RW disc and print it at full-size (standard print).



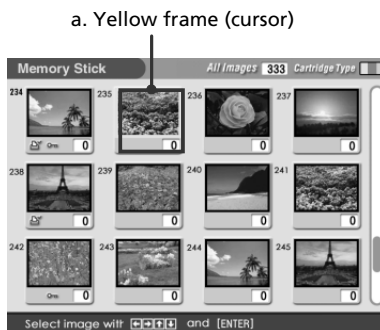
Borderless standard print



- 1** Insert a “Memory Stick,” PC card or CD-R/RW disc with recorded images into the “Memory Stick” or PC card insertion slot (pages 14-15) or into the CD-R/RW disc tray (page 16).
- 2** Press POWER to turn on the printer.  
The POWER indicator lights in green.
- 3** Press INPUT SELECT to light “MEMORY STICK,” PC CARD or CD-RW indicator.  
When you select “MEMORY STICK” or PC CARD, the thumbnails of the stored images are displayed on the screen.



b. When you select “MEMORY STICK.”



Continued

## Printing selected card or disc images

### When you select CD-RW disc

The covers of the folders contained in the CD-R/RW disc are displayed.

The front cover stands for the first image contained in each folder.

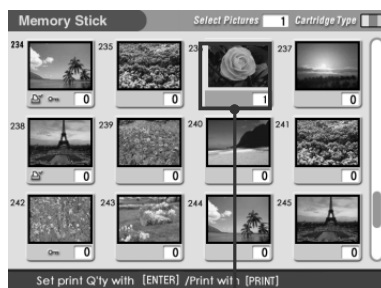
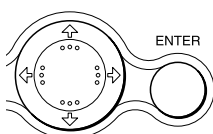
Press the arrow (←/→/↑/↓) button to move the yellow frame (cursor) to the desired folder, then press ENTER.

The images in the folder are displayed as thumbnails.

### Note

Make sure that ALL and DPOF indicators of the AUTO PRINT are off. If it is lit, press CANCEL to turn it off.

- 4** Press the arrow (←/→/↑/↓) button to move the yellow frame (cursor) to the image you want to print, then press ENTER. The image is selected and the print quantity indication becomes “1.” The area beneath the image turns orange.



Selected image (orange)

### To display another page

When multiple pages exist, you can switch pages. To display the next page, move the yellow frame to the bottom line of the image list and press ↓. To display to the previous page, move the yellow frame to the top line and press ↑.

### To cancel the selection

Move the yellow frame to the image you want to cancel and press CANCEL. The orange area turns gray and the print indication becomes "0." The selection is canceled.

### To display the images of another folder (CD-R/RW only)

Press FOLDER RECALL. The folder thumbnails are displayed. You can select the desired folder.

### To display a preview image

Move the yellow frame to the desired image, then press PICTURE. The preview of the selected image is displayed.

To display the preview of the next image, press  $\blacktriangleright$ . To display the preview of the previous image, press  $\blacktriangleleft$ .

To display the image list again, press PICTURE.



### Note

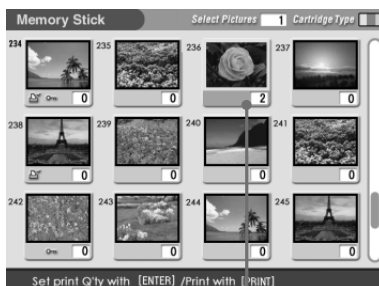
While the screen display is switching or the printer is accessing the "MEMORY STICK," PC card, or CD-R/RW disc, do not eject or insert them, they may crash.

## 5 Press ENTER to set the print quantity.

Each time you press ENTER, the print quantity increases. To reset the print quantity to zero, press CANCEL.

### To print multiple images at a time

Repeat steps 4 and 5 to select other images and set print quantity for each of them.



The print quantity changes.

Continued

## Printing selected card or disc images

### 6 Press PRINT.

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. Select either of the two options to start printing.

#### **To stop printing**

Press CANCEL. 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.
- While the CD-RW indicator is blinking or the saving message is displayed, never move the printer. The data inside the CD-R/RW disc may be damaged.



# Printing all the card images or DPOF preset images at one time

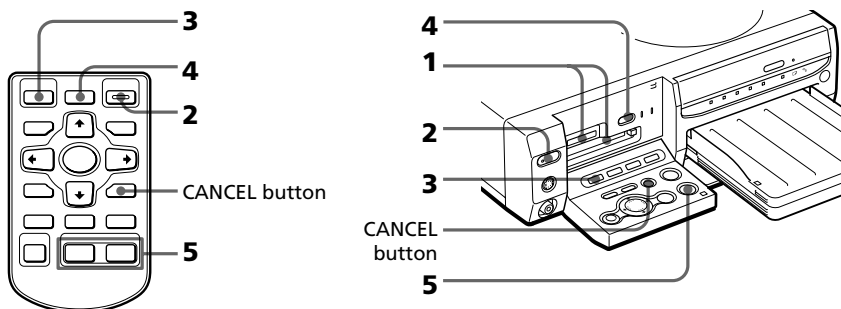
You can print all the images stored in a “Memory Stick” or PC card at one time. You can also print multiple images preset by your digital still camera (DPOF) at one time.

## 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.

## Note

Some types of digital still camera does not support the DPOF function or the printer does not support part of the functions of the digital still camera.



- 1** Insert a “Memory Stick” or PC card storing recorded images into the “Memory Stick” or PC card insertion slot (pages 14-15).
- 2** Press POWER to turn on the printer.  
The POWER indicator lights in green.

## To display the images on the screen

You can display and check the images to be printed on the screen. Connect the printer and the television and turn on the television. Then set the input selector of the television to “VIDEO.”

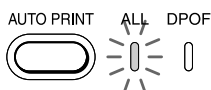
Continued

## Printing all the card images or DPOF preset images at one time

- 3** Press INPUT SELECT to light “MEMORY STICK” or PC CARD indicator.

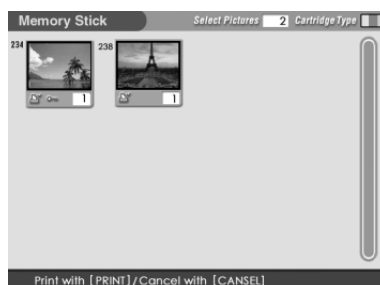
The printer accesses the “Memory Stick” or PC card. When you connect your printer to the television, thumbnails of the images stored in the “Memory Stick” or PC card are displayed on the screen.

- 4** Press AUTO PRINT to light ALL indicator for all the images or DPOF indicator for the preset images.



### When you connect your printer to the television

When you select All, all the images in the thumbnail list are displayed with the orange area beneath the image. When you select DPOF, the preset images are displayed with the orange area beneath the image.



- 5** Press PRINT.

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

Press CANCEL. Printing from the next print will be canceled.

- 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 28.

### To return to the usual printing mode

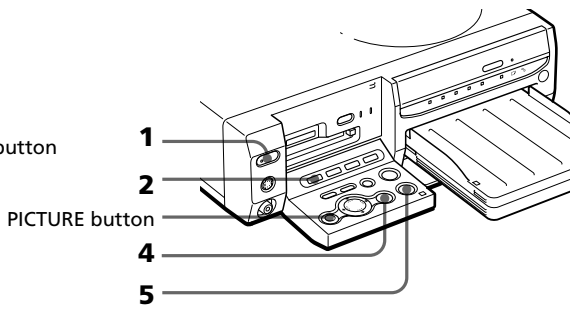
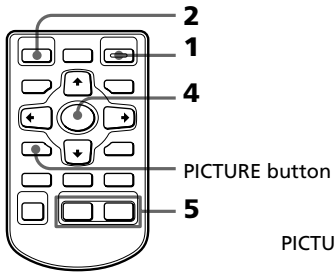
Press CANCEL to turn off the ALL and DPOF indicators.

# Printing an image from video equipment

You can capture the input image from the video equipment connected to the VIDEO IN connector of the printer and print it in full-size (standard print).

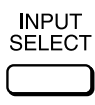


Borderless standard print



- 1 Turn on the printer and television and set the input selector of your television to "VIDEO."  
The POWER indicator of the printer lights in green.

- 2 Press INPUT SELECT to light VIDEO indicator.



- 3 Start playback on the video equipment.

The playback pictures appear on the screen (**input image**).  
For details on playing back on your video equipment, refer to the instruction manual of your video equipment.

**Note**

It is not recommended that you select an image while pausing the video equipment because the picture quality will deteriorate. Capture an image while playing them back.

Continued

## Printing an image from video equipment

- 4 Press ENTER when the picture you want to print appears on the screen.

The selected image is captured in the printer's memory and the preview of the selected image (**memory image**) appears in the center of the screen.

### To capture another image

Press PICTURE to display the playback pictures on the screen. Repeat steps 3 and 4 to select another image. The memory image is saved in the printer's memory until you select another image.



- 5 Press ENTER to set the print quantity while the memory image is displayed.

Each time you press ENTER, the print quantity increases. To reset the print quantity to zero, press CANCEL.

- 6 Press PRINT while the memory image is displayed.

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

### To stop printing

Press CANCEL. Printing from the next print will be canceled.

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

The memory image is being displayed on the screen. To display the playback pictures, press PICTURE.

### Notes

- Before adjusting the pictures or adding another effect to the image, save the image in a card or disc.
- When you set VIDEO INPUT of the MENU screen to Motion, the image undergoes blur compensation for few seconds after it is captured.



## Saving the memory image onto a “Memory Stick,” PC card or CD-R/RW disc

The captured and printed image is stored in the printer’s memory. If you capture another image, the previous image is overwritten and erased. To save the memory image onto a “Memory Stick,” PC card or CD-R/RW disc, follow the procedures below:

- 1** Insert a “Memory Stick,” PC card or CD-R/RW disc into the “Memory Stick” or PC card insertion slot (pages 14-15) or into the CD-R/RW disc tray (page 16) where you want to save the memory image.
- 2** Display the memory image on the screen that you want to save on a card or disc.

If the playback pictures are displayed, press PICTURE to display the memory image.

- 3** Press SAVE.

The dialog box used for saving images is displayed.

- 4** Press the arrow (←/→) button to select the destination (“Memory Stick,” PC card or CD-R/RW disc) and then press ENTER.

The image is added to the selected 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 of the printer or remove the “Memory Stick,” PC card or CD-R/RW disc from the printer. The “Memory Stick,” PC card or CD-R/RW disc may be damaged.
- If the video source is copy protected, the error message appears and you cannot save the image. Even when no message is displayed, some CD, TV programs, images or publications may be copyrighted. Please note that unauthorized duplication or modification of others’ portraits or copyrighted work could infringe the rights reserved by right holders.

# **Saving and arranging images in a CD-R/RW disc**

## **On CD-R/RW discs**

### **Types of CD-R/RW discs you can use**

With the printer, you can use the following discs:

- The CD-R discs with the following logos:



- The CD-RW discs with the following logo:



### **Notes**

- You cannot use any disc that contains no data, has failed in data write, or is not ready for data read. We recommend that you use Sony CD-RW or CD-R discs.
- Only CDs (round shaped) can be used. Using discs other than round shaped (star shaped, heart shaped, and so on) will damage the printer.
- You cannot write data on an 8mm CD-R/RW disc, such as the disc used in a CD-R Mavica.

### **On handling discs**

To prevent losing data, note the following.

- Do not stick on paper or labels, or scratch the surface of the disc.



- Do not touch the playback surface of the disc (the surface on which nothing is printed).



- Do not place a disc in a location subject to excessive dust, direct sunlight, heat sources or high humidity.

- Keep a disc from any liquid falling on it.
- When it is not in use, store it in a case.

### Notes on cleaning CD-R/RW discs

- Fingerprints and dust on the surface of a disc may cause read errors.
- For normal cleaning, hold the disc by its edge and use a soft cloth to wipe the surface from the center out.



- If the disc is badly soiled, moisten a soft cloth with water, wring it out well, and use it to wipe the surface of the disc from the center out. Wipe off any remaining moisture with a dry soft cloth.
- Do not use solvents such as benzene, thinner, commercially available cleaners or anti-static spray, because they may cause damage to the disc.

## Saving and arranging images in a CD-R/RW disc

### Saving the “Memory Stick” or PC card images on a CD-R/RW disc

You can save the selected “Memory Stick” or PC card images or all the card images on a CD-R/RW disc.

#### Selecting and saving images

You can save the selected “Memory Stick” or PC card images on a CD-R/RW disc.

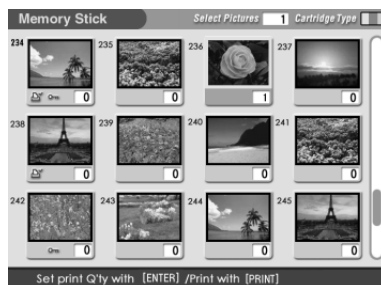
- 1** Insert a CD-R/RW disc for saving data onto the CD-R/RW disc tray of the printer (page 16).
- 2** Insert a “Memory Stick” or PC card storing the image(s) that you want to save on a CD-R/RW disc into the “Memory Stick” or PC card insertion slot (pages 14-15).
- 3** Press INPUT SELECT to turn on the “MEMORY STICK” or PC CARD indicator.

The thumbnails of the images saved on the “Memory Stick” or PC card are displayed. You can select an image from the thumbnails and press PICTURE to display the preview image.

- 4** Select an image that you want to save.

#### ■ When thumbnails are displayed

Press the arrow (←/→/↑/↓) button to select the image you want to save and then press ENTER. You can select multiple images.



#### ■ When thumbnails are displayed

Press the arrow (←/→/↑/↓) button to select the image you want to save and then press ENTER.

**Tips**

- You can press PICTURE to switch thumbnails and preview image.
- You can press PRINT to select an image.

**5 Press SAVE.**

The dialog box used for creating a new folder is displayed. You can also select a folder from the existing folders.

**Notes**

- If there is no folder in the CD-R/RW disc, the dialog box for creating a new folder does not appear. A new folder is automatically created.
- If no CD-R/RW disc is loaded, an error message is displayed. Insert a CD-RW disc for saving images.
- When you display the preview of a "Memory Stick" or PC card image, an message asking you to save the image is displayed. Press the arrow (↔) button to select "Yes" to save the image.

**6 Press the arrow (↔) button to select "Yes" to create a new folder or "No" to save an image in an existing folder.**

- When you select "Yes," a new folder is created to the end of the existing folders. The selected image is saved into the new folder.
- When you select "No," the existing folders are listed on the screen. Press the arrow (↔) button to select the destination folder and press ENTER. The image is saved on the selected folder.

**Note**

If there is not enough free space in the CD-R/RW disc for saving the image, an message asking you to replace discs will appear. Press the arrow (↔) button to select "Yes" to replace discs or "No" to cancel saving. When you select "Yes," insert a CD-R/RW disc with sufficient free space and select "Yes" when the confirmation message is displayed.

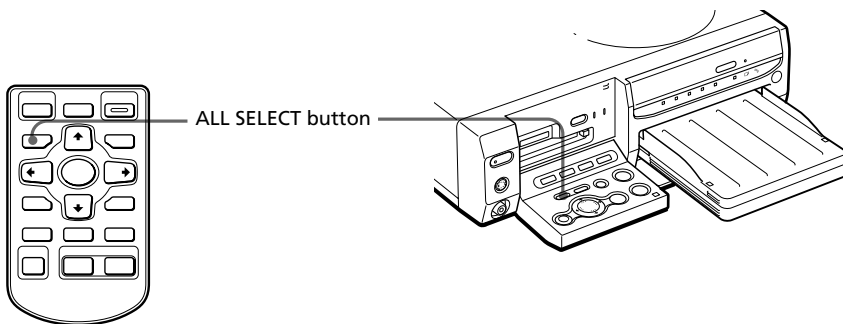
**7 When the confirmation message is displayed, press the arrow (↔) button to select "OK" and then press ENTER.**

## Saving and arranging images in a CD-R/RW disc

### Saving all the “Memory Stick” or PC card images at one time

You can save all the images in a “Memory Stick” or PC card at one time into a new folder in a CD-R/RW disc.

Press ALL SELECT button in step 5 on page 37. When the confirmation message is displayed, press the arrow (←/→) button to select “Yes” and press ENTER. A new folder is created and all the card images are saved in the folder.



## Arranging the images or folders in a CD-R/RW disc

You can move images, add or delete a folder, or rename folders in a CD-R/RW disc.

### Moving an image within a CD-R/RW disc

You can move an image from one folder to another in a CD-R/RW disc.

- 1** Insert a CD-R/RW disc storing an image that you want to move onto the CD-R/RW disc tray of the printer (page 16).

- 2** Press INPUT SELECT to turn on the CD-RW indicator.

The thumbnails of the images saved on the CD-R/RW disc are displayed.

- 3** Press the arrow (←/→/↑/↓) button to select the folder containing the image that you want to move and then press ENTER.

The images in the selected folder are displayed as thumbnails. You can select an image from the thumbnails and press PICTURE to display the preview image.

- 4** Press SAVE.

The dialog box used for creating a new folder is displayed.

- 5** Press the arrow (←/→) button to select "Yes" to move an image to a new folder or "No" to move an image to an existing folder.

- When you select "Yes," a new folder is created to the end of the existing folders. The selected image is moved to the new folder.
- When you select "No," the existing folders are listed on the screen. Press the arrow (←/→) button to select the destination folder and press ENTER. The image is moved to the selected folder.

# Saving and arranging images in a CD-R/RW disc

## Arranging the folders in the CD-R/RW disc

You can add, delete, or rename a folder in a CD-R/RW disc.

- 1** Insert a CD-R/RW disc whose folders you want to arrange onto the CD-R/RW disc tray of the printer (page 16).
- 2** Press INPUT SELECT to turn on the CD-RW indicator.  
The thumbnails of the images saved on the CD-R/RW disc are displayed.
- 3** Press MENU.  
The Folder menu is displayed. Press the arrow (←/→) button to select the sub menu and press ENTER.

Sub menu	Functions
Create new folder	Creates a new folder in a CD-R/RW disc.
Delete folder	Deletes the selected folder from a CD-R/RW disc.

- 4** When you finish arranging the folders, press the arrow (←/→/↑/↓) button to select "EXIT" and then press ENTER.  
The menu screen is closed.

### ■ To create a new folder

Press the arrow (←/→) button to select "Create new folder" and then press ENTER. A new folder is created and added to the end of the existing folders.

### ■ To rename a folder

Each folder in a CD-R/RW disc is initially named according to the DCF (Design rule for Camera File system). You can rename a folder.

#### Note

Even if you rename a folder, the folder name does not change when it is inserted into the computer's CD-ROM drive and displayed from your computer. The changed names of folders are saved in a "\*.txt" file.

- 1** Press the arrow (←/→/↑/↓) button to select "Rename folder" and press ENTER.
- 2** Press the arrow (←/→/↑/↓) button to select the folder that you want to rename and press ENTER.  
The folder rename screen is displayed.



### 3 Press the arrow (←/→/↑/↓) button to select a character.

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

#### To switch the characters input screens

To display the Symbolic input screen, select “Symbolic” and press ENTER. To return to the alphanumeric characters input screen, select “Alphanumeric”. Switch the screens as you like.

#### To input in a capital letter

Select “CAPS” and press ENTER to display the capital letters table. Then select the desired character and press ENTER. To enter a small letter, select “CAPS” again.

#### To select the font

The characters are input in the font displayed next to “FONT”. To select a different font, select “FONT” and press ENTER so that the font selection screen is displayed. Select the desired font and press ENTER to return to the character input screen.

#### To select the font color

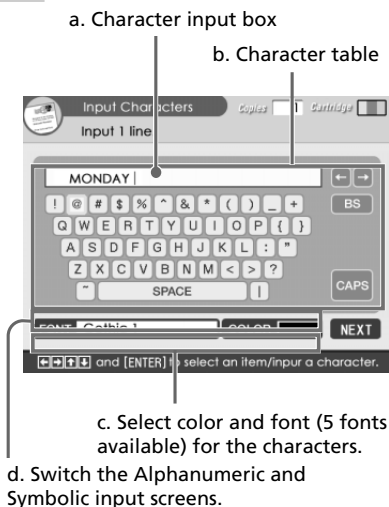
The characters are input in the color displayed next to “COLOR”. To select a different color, select “COLOR” and press ENTER so that the color selection screen is displayed. Select the desired color and press ENTER to return to the character input screen.

#### To correct an input character

Select “←” or “→” on the screen to move the cursor in the input box after the character you want to delete. Then select “BS.” The character before the cursor is deleted. Input the new character.

#### Note

You cannot apply different colors or fonts to a single line.



Continued

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## Saving and arranging images in a CD-R/RW disc

- 4 When you finish inputting characters, press the arrow (←/→/↑/↓) button to select "EXIT" and then press ENTER.

The folder name screen is closed. The input folder name appears with the folder.

### ■ To delete a folder

- 1 Press the arrow (←/→/↑/↓) button to select "Delete folder" and press ENTER.

- 2 Press the arrow (←/→/↑/↓) button to select the folder that you want to delete and press ENTER.

The confirmation message is displayed.

- 3 Press the arrow (←/→) button to select "Yes" to delete the folder or "No" to cancel deletion.

When you select "Yes," the selected folder is deleted from the CD-R/RW disc.



# Adding effects to an image

## What you can do with the EFFECT menu

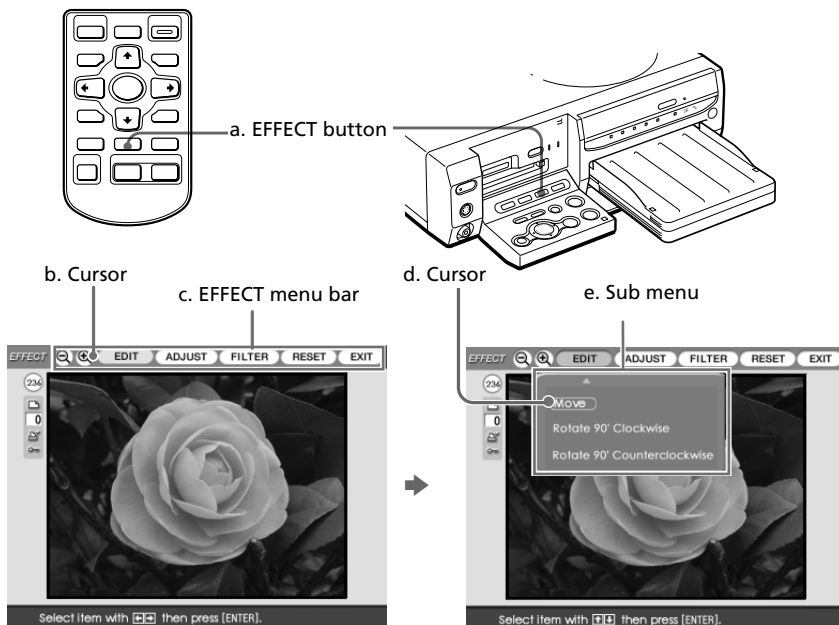
The EFFECT menu allows you to edit, adjust or add special filters to an image in the "Memory Stick," PC card or CD-R/RW disc.

### To display the EFFECT menu

- 1 Select the image to be edited in the thumbnail list or press PICTURE to display the preview of the image to be edited.
- 2 Press EFFECT.  
The EFFECT menu bar is displayed.

#### Note

You cannot enter into the EFFECT menu while the video images are input with VIDEO input indicator on or the CD-R/RW folders are displayed.



- 3 Press the arrow (←/→) button to move the cursor to the desired menu item on the menu bar and then press ENTER to display its sub menu.

Sub menu	Functions
+/-	Enlarges or reduces an image. <b>(Page 46)</b>
EDIT	Moves, rotates or flips an image. <b>(Page 47)</b>
ADJUST	Adjusts the brightness, tint, color depth, and sharpness of the image. <b>(Page 48)</b>
FILTER	Adds a special filter to an image to print monochrome, sepia, or painted pictures. <b>(Page 49)</b>
RESET	Removes any edition, adjustment, or filter and reset the image to its default status.

### Notes

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

### To cancel operation

Press CANCEL to return to the screen of the preceding procedure.

### To display another sub menu

Press **▲** until the current sub menu disappears.

### To print the image

Press PRINT. The image being displayed will be printed.

### To exit the EFFECT menu

Select "EXIT" in the main EFFECT menu or press EFFECT either in the EFFECT main or sub menus. When a dialog box for saving is displayed, select "Yes" to save the edited image or "No" to cancel it.

### To change the printer's settings

You can change printer's settings by pressing MENU to display the MENU screen midway.

**Continued**

## Adding effects to an image

### To save the image with the selected effects

#### 1 Press SAVE.

A dialog box to select the destination is displayed. You can select the destination from either "Memory Stick," PC card or CD-R/RW disc.

#### 2 Press the arrow (←/→) button to select the destination.

The confirmation message is displayed.

#### 3 Press the arrow (←/→/↓/↑) button to select "Yes" to save the image or "No" to cancel saving and then press ENTER.

- When you select the "Memory Stick" or PC card as the destination, the image is added to the thumbnails.
- When you select the CD-R/RW disc as the destination, the dialog box to select the destination folder is displayed. Select the folder and save the image.

### 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," PC card or CD-R/RW disc from the printer. The "Memory Stick," PC card or CD-R/RW disc may be damaged.

## Changing an image size and position

In the EFFECT menu (page 44), press the arrow (←/→) button to select "+" to enlarge an image or "-" to reduce an image and then press ENTER.

Each time you press ENTER, the image is enlarged or reduced:

- -: up to 60%
- +: up to 200%



**Note**

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

**Changing an image position.**

The EDIT sub menu allows you to move, rotate, or flip an image.

- 1** In the EFFECT menu (page 44), press the arrow (←/→) button to select “EDIT.”

The EDIT sub menu is displayed.



- 2** Press the arrow (↑/↓) button to move the cursor to the desired item on the EDIT sub menu and press ENTER.

Item	Procedures
Move	Move the picture with the arrow (←/→/↓/↑) button, then press ENTER. The image is moved to the selected direction.
Rotate 90° Clockwise	Each time you press ENTER, the image rotates 90° clockwise.
Rotate 90° Counterclockwise	Each time you press ENTER, the image rotates 90° counterclockwise.
Mirror	Each time you press ENTER, the image flips horizontally.

**Continued**

# Adding effects to an image

## Adjusting the pictures

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

- 1** In the EFFECT menu (page 44), press the arrow (↔) button to select “ADJUST” on the menu bar and press ENTER.

The ADJUST sub menu is displayed.

- 2** Press the arrow (↑/↓) button to move the cursor to the desired adjustment item and press ENTER.

The adjustment slider appears.



Adjustment slider

- 3** Adjust the level as follows:

Item	Adjustments
Brightness	Press ↑ to brighten the picture or ↓ to darken it.
Color deepness	Press ↑ to deepen the colors or ↓ to lighten the colors.
Tint	Press ↑ to make the picture reddish or ↓ to make it bluish.
Sharpness	Press ↑ to sharpen the outlines or ↓ to reset them.

- 4** Press ENTER.

The adjustment takes effect.

**Note**

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

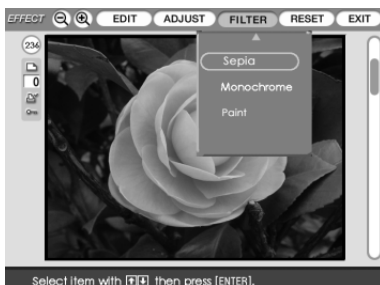


## Adding a special filter to an image

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

- 1 In the EFFECT menu (page 44), press the arrow (←/→) button to select "FILTER."

The FILTER sub menu is displayed.



- 2 Press the arrow (↑/↓) button to move the cursor to the desired filter you want to add to the image.

Item	Filter
Sepia	Makes the image like an old photograph with faded colors.
Monochrome	Makes the image into a monochrome picture.
Paint	Makes the image like a painted picture.

- 3 Press ENTER.

The filter takes effect.

# Making various prints (CREATIVE PRINT)

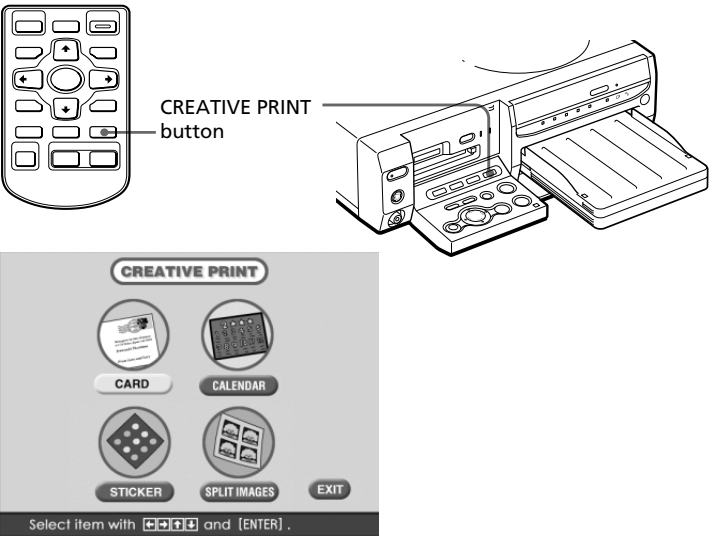
## What you can do with the CREATIVE PRINT menu

The CREATIVE PRINT menu allows you to make a variety of prints using an image of the “Memory Stick,” PC card, or CD-R/RW disc.

To display the CREATIVE PRINT menu, press CREATIVE PRINT.

**Note**

You cannot enter into the CREATIVE PRINT menu while the video images are input with VIDEO input indicator on.



Press the arrow (←/→/↑/↓) button to select the desired sub menu.

Submenu	Icon
CARD	Adds a selected greeting and your input message to make an original card. <b>(Page 52)</b>
CALENDAR	Add a calendar of selected month(s) to an image or images to make an original calendar. <b>(Page 56)</b>
SPLIT IMAGE	Makes 4-split or 9-split images prints. <b>(Page 58)</b>
STICKER	Makes 9-split image sticker. <b>(Page 59)</b>

### To cancel and restart operations midway

Press CANCEL. The screen returns to the preceding procedure; do the procedure again.

If it is difficult to return to the preceding procedure, the dialog box to return to the CREATIVE PRINT top menu is displayed. If this occurs, start from the beginning.

### To change the printer settings midway

You can press MENU and change the printer settings.

### To exit the CREATIVE PRINT menu

Press EXIT in the CREATIVE PRINT top menu or press CREATIVE PRINT both in the CREATIVE PRINT top and sub menus. When the dialog box used for saving images is displayed, follow the saving procedures below.

### To save the image with the selected effects

#### 1 Press SAVE in the CREATIVE PRINT preview screen.

A dialog box to select the destination is displayed. You can select the destination from either "Memory Stick," PC card or CD-R/RW disc.

#### 2 Press the arrow (←/→) button to select the destination.

The confirmation message is displayed.

#### 3 Press the arrow (←/→) button to select "Yes" to save the image or "No" to cancel saving and then press ENTER.

- When you select the "Memory Stick" or PC card as the destination, the image is added to the thumbnails.
- When you select the CD-R/RW disc as the destination, the dialog box to select the destination folder is displayed. Select the folder and save the image.

### 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," PC card or CD-R/RW disc from the printer. The "Memory Stick," PC card or CD-R/RW disc may be damaged. Press the arrow (←/→) button to select "Yes" to save the image or "No" to cancel saving.

# Making various prints (CREATIVE PRINT)

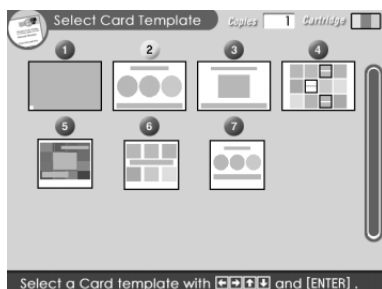
## Making a card

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



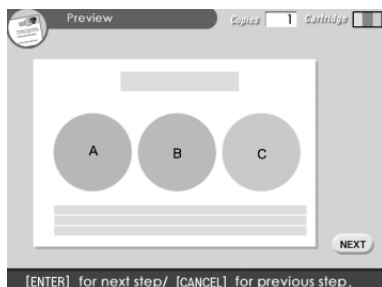
- 1 Press the arrow (←/→/↓/↑) button to move the cursor to "CARD", then press ENTER.

The card templates are displayed.



- 2 Press the arrow (←/→/↓/↑) button to move the cursor to the desired template, then press ENTER.

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



- 3 Press ENTER.

The window for selecting a greeting is displayed.



- 4 Press the arrow (←/→/↓/↑) button to move the cursor to the desired greeting, then press ENTER.

The color selection window for the greeting is displayed.

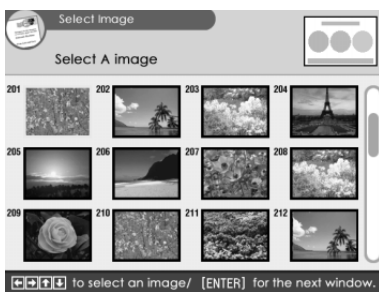
- 5 Press the arrow (←/→/↓/↑) button to move the cursor to the desired color, then press ENTER.

The preview reflecting your selections up to the preceding step is displayed.

The greeting is displayed in the selected color.

- 6 Insert the "Memory Stick," PC card, or CD-R/RW disc into the printer and press ENTER.

The thumbnail list for selecting an image is displayed.



- 7 Press the arrow (←/→/↓/↑) button to move the cursor to the desired image, then press ENTER.



The window to adjust the image position is displayed.

Continueud

# Making various prints (CREATIVE PRINT)

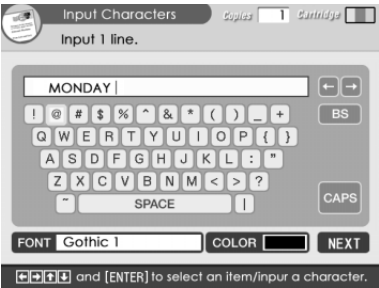
- 8** Press the arrow (↕/↗) button to move the cursor to the desired adjustment item, then press ENTER.

To make multiple adjustments, repeat this step.

+	Each time you press ENTER, the image is enlarged.
–	Each time you press ENTER, the image is reduced.
Move	Move the picture with the arrow (↔/↗/↖/↘) button, then press ENTER.
	Each time you press ENTER, the image rotates 90° clockwise.
	Each time you press ENTER, the image rotates 90° counterclockwise.

- 9** Press the arrow (↕/↗) button to move the cursor to “NEXT,” then press ENTER.

Repeat steps 7 through 9 until you select and adjust the remaining images and then character input window is displayed.



- 10** Input characters.

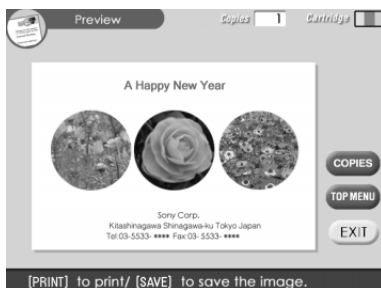
Press the arrow (↔/↗/↖/↘) button to move the cursor to the desired item, then press ENTER to input a character. For how to input characters, see “To rename a folder” on page 41.

**Note**

You cannot apply different colors or fonts to a single line.

- 11** Press the arrow (←/→/▲/▼) button to move the cursor to "NEXT," then press ENTER.

Repeat steps 10 and 11 to input the remaining lines. When you finish, the preview of the created print is displayed.



By selecting the following button in the window, you can do:

COPIES	Press ENTER to set the printing quantity.
TOP MENU	Returns to the CREATIVE PRINT top menu.
EXIT	Exits the CREATIVE PRINT menu.

- 12** To print the CREATIVE PRINT image, press PRINT.

Printing starts.

### To stop printing

Press CANCEL. When multiple copies are being printed, the printing from the next print will be canceled.

- 13** Press the arrow (←/→/▲/▼) button to move the cursor to "EXIT" to exit the CREATIVE PRINT menu or "TOP MENU" to return to the CREATIVE PRINT then press ENTER.

For saving the CREATIVE PRINT image or other operations, see page 51.

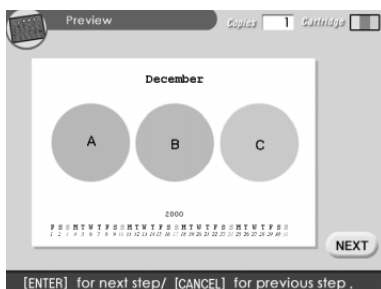
# Making various prints (CREATIVE PRINT)

## Making a calendar

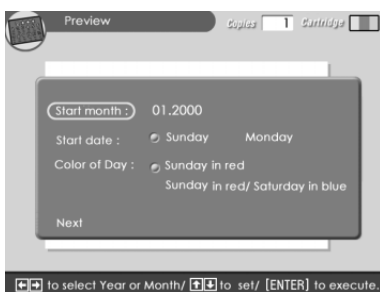
You can add a selected calendar to an image or images to make an original calendar.



- 1** Press the arrow (←/→/↓/↑) button to move the cursor to "CALENDAR", then press ENTER.  
The calendar templates are displayed.
- 2** Press the arrow (←/→/↓/↑) button to move the cursor to the desired template, then press ENTER.  
The preview of the selected template is displayed.



- 3** Press ENTER.  
The window for setting the calendar is displayed.





## 4 Set the calendar:

- ① Set the first month and the year starting the calendar:

Press the arrow (▼/▲) button to select “Start month” and press the arrow (←/→) to move the cursor to the year. To set the number, press the arrow (▼/▲) button. In the same way, set the month. Then press ENTER.

- ② Set the day starting the week (placed furthest left in the calendar).

Press the arrow (▼/▲) button to select “Start date” and press the arrow (←/→) button to move the cursor to “Sunday” or “Monday.”

Then press ENTER.

Some templates do not have the “Start date” setting.

- ③ Set the color of days.

Press the arrow (▼/▲) button to select “Color of Day” and press the arrow (←/→) button to move the cursor to “Sunday in red” or “Sunday in red/Saturday in blue.”

Then press ENTER.

## 5 Press the arrow (←/→/▼/▲) button to move the cursor to “NEXT,” and press ENTER.

The preview of the created calendar is displayed.

## 6 Insert the “Memory Stick,” PC card, or CD-R/RW disc into the printer and press ENTER.

The thumbnail list for selecting an image is displayed.

## 7 Press the arrow (←/→/▼/▲) button to move the cursor to the desired image, then press ENTER.

The window to adjust the image position is displayed.

## 8 Adjust the image.

For image adjustment, see page 8.

## 9 Perform steps 11 through 13 of “Making a card.”

## Making various prints (CREATIVE PRINT)

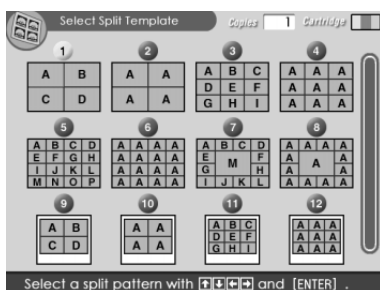
### Making a split image

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



- 1 Press the arrow (←/→/↓/↑) button to move the cursor to “SPLIT IMAGE”, then press ENTER.

The split image templates are displayed.



- 2 Press the arrow (←/→/↓/↑) button to move the cursor to the desired template, then press ENTER.

The preview of the selected template is displayed.

- 3 Insert the “Memory Stick,” PC card, or CD-R/RW disc into the printer and press ENTER.

The thumbnail list for selecting an image is displayed.

- 4 Press the arrow (←/→/↓/↑) button to move the cursor to the desired image, then press ENTER.

The window to adjust the image position is displayed.

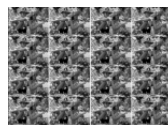
- 5 Adjust the image.

For image adjustment, see page 8. Follow steps 2, 4, and 5 to select and adjust the remaining images.

- 6 Perform steps 11 through 13 of “Making a card.”

## Making a sticker

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

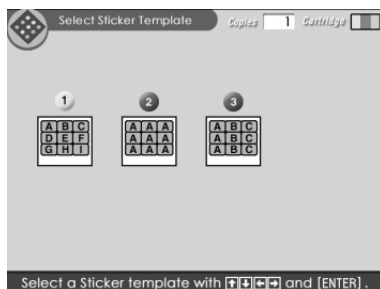


### Notes

- To make a sticker, you can use the Small Size print paper only. Before making a sticker, make sure to feed the Small Size paper into the printer.
- If you want to make a sticker without frames, choose Split Image.

- 1 Press the arrow (←/→/↓/↑) button to move the cursor to "STICKER", then press ENTER.

The sticker templates are displayed.

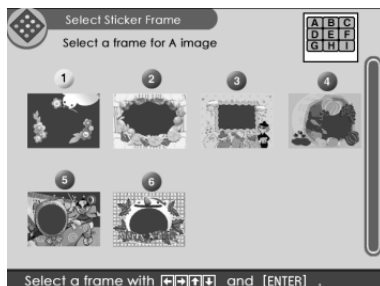


- 2 Press the arrow (←/→/↓/↑) button to move the cursor to the desired template, then press ENTER.

The preview of the selected template is displayed.

- 3 Press ENTER.

The screen for selecting a frame is displayed.



Continued

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## Making various prints (CREATIVE PRINT)

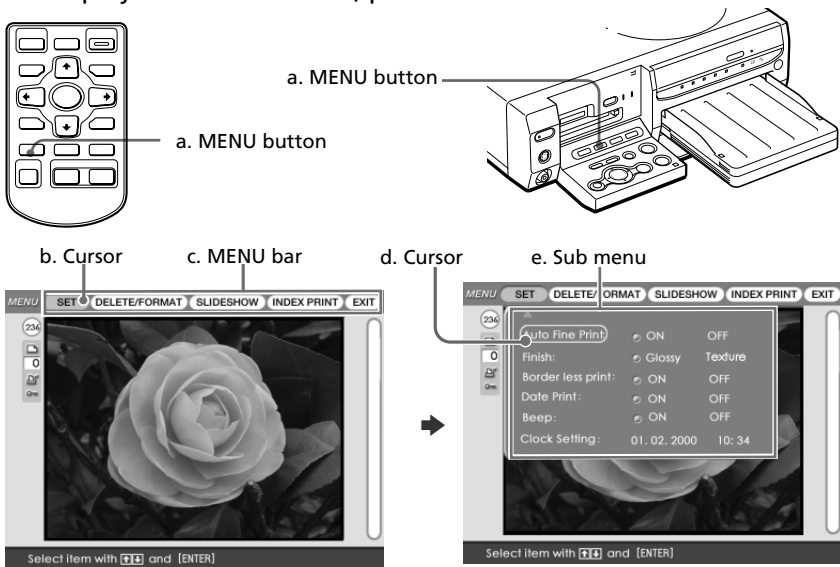
- 4** Press the arrow (←/→/↑/↓) button to move the cursor to the desired frame.
- 5** Insert the "Memory Stick," PC card, or CD-R/RW disc into the printer and press ENTER.  
The thumbnail list for selecting an image is displayed.
- 6** Press the arrow (←/→/↓/↑) button to move the cursor to the desired image, then press ENTER.  
The window to adjust the image position is displayed.
- 7** Adjust the image.  
For image adjustment, see page 8. When you selected a template of multiple images, follow steps 4, through 7 to select and adjust the remaining images.
- 8** Perform steps 11 through 13 of "Making a card."

# Setting up the printer (MENU)

## What you can do with the MENU

The MENU allows you to change the printer settings, delete images, perform slideshow, or make an index print.

To display the MENU screen, press MENU:



Press the arrow (←/→) button to move the cursor to the desired sub menu and then press ENTER.

Sub menu	Functions
SET	Changes the printing preferences including Auto Fine Print 2, finish, and clock setting. <b>(Page 62)</b>
DELETE/FORMAT	Deletes the selected images in the “Memory Stick,” PC card or CD-R/RW. Also formats the “Memory Stick” and CD-R/RW disc. <b>(Page 65)</b>
SLIDESHOW	Performs a slideshow of the images in the “Memory Stick,” PC card or CD-R/RW disc. <b>(Page 68)</b>
INDEX PRINT	Makes an index print of all the images stored in the “Memory Stick,” PC card or CD-R/RW disc. <b>(Page 69)</b>

Continued

## Setting up the printer (MENU)

### To display another sub menu

Press **▲** until the current sub menu disappears.

### To EXIT the MENU

Press the arrow (**▲/▼/◀/▶**) button to select "EXIT" in the MENU screen or press MENU. The screen displayed before you entered the MENU screen returns.

## Changing the printer preferences (SET)

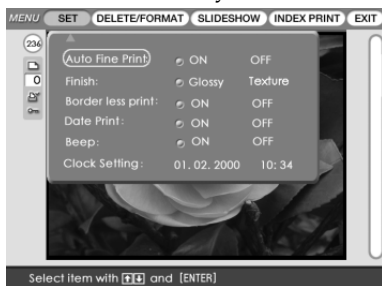
The SET sub menu allows you to change the printing preferences including Auto Fine Print 2, date print, finish, or borderless print settings. You can also set clock and beep.

- 1 In the MENU screen (page 61), press the arrow (**◀/▶**) button to select "SET" and press ENTER.

The cursor moves to the SET sub MENU.

- 2 Press the arrow (**▲/▼**) button to select the desired setting item and press the arrow (**◀/▶**) button to change the setting.

The items are factory-set to the item with \*.



### Note

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

### To cancel operation midway in the MENU sub screen

Press CANCEL while the sub menu is displayed. The settings reset to the previous status and the MENU screen is displayed again.

Items	Settings	Contents
Auto Fine Print 2	ON	Corrects an image automatically for printing in better picture quality, especially effective for a dark or low-contrast image.
		<b>Note</b> <ul style="list-style-type: none"> <li>• The image on the screen is not corrected.</li> <li>• When printing from a computer, the Auto Fine Print 2 function does not work.</li> </ul>
	OFF*	Prints an image without any corrections.
Finish	Glossy*	Prints an image vividly with glossy finish.
	Texture	Prints an image softly with a uniform and uneven finish.
Border less print	ON	Prints an image with borders around the image. (4:3 and 3:2 pictures will not be cut off at the top and bottom.)
	OFF*	Prints an image without borders around the image.
		<b>Notes</b> <ul style="list-style-type: none"> <li>• You cannot make borderless prints with Small size print paper.</li> <li>• 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.</li> </ul>
Date Print	ON	Prints an image with the date recorded together with the image shot with your digital still camera.
		<b>Note</b> <p>You can print the date only when the image's date data is recorded in the DCF (Design rule for Camera File system) format.</p>
	OFF*	Prints an image without the date print data.
Beep	ON*	The warning and operation sound beeps.
	OFF	No warning or operation sound beeps.

Continued

## Setting up the printer (MENU)

Items	Settings	Contents
Video input	MOTION*	Select this option when capturing an image from the playback pictures of a video camera. If there is blur in the memory image, the printer automatically corrects it, which will take few seconds after the image is captured.
	STILL	Select this option when capturing a still image of a video camera to print it in better picture quality.
Clock setting	<p>You can set the internal clock to record the date you saved the image in the "Memory Stick," PC card, or CD-R/RW disc.</p> <ol style="list-style-type: none"> <li>Press the arrow (▲/▼) button to select "Clock Setting" and press ENTER. The printer enters clock setting mode. The cursor appears on the month (for NTSC) or the day (for PAL).</li> <li>Press the arrow (▲/▼) button to set the month or day. Press ▲ to increase the number. Press ▼ to decrease the number.</li> <li>Press ➡ or ENTER. The cursor moves to the day (for NTSC) or the month (for PAL).</li> <li>Repeat steps 2 and 3 to set all of the items: month or day, year, hour and minute. If you want to set the previous item, press ◀. The hour is displayed in 24-hour system.</li> <li>To release the clock setting mode, press ENTER or press ▲ to move the cursor to the menu bar. When you press ENTER in the step 3 below, the clock starts working.</li> </ol>	

### 3 Press the arrow (▲/▼/◀/➡) button to select "EXIT" and press ENTER.

The settings take effect until you change them even after you turn off the power. The previous screen is displayed.



# Deleting images

You can delete images in the “Memory Stick,” PC card, or CD-R/RW disc. You can also format the “Memory Stick” and CD-R/RW disc.

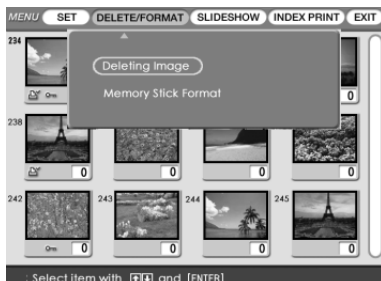
## Notes

- During deleting or formatting, do not turn off the power or remove the “Memory Stick,” PC card or CD-R/RW disc from the insertion slot. The “Memory Stick,” PC card or CD-R/RW disc 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/FORMAT”, 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” or CD-R/RW disc, 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.
- When you delete images in a CD-R disc, the storage capacity becomes smaller. (For a CD-RW disc, the capacity does not change.)

## Deleting selected image(s)

You can select and delete images on a “Memory Stick,” PC card, or CD-R/RW disc.

- 1** Press INPUT SELECT to light on “MEMORY STICK,” PC CARD or CD-RW indicator.
- 2** In the MENU screen (page 61), press the arrow (←/→) button to select “DELETE/FORMAT” and press ENTER.  
The DELETE/FORMAT sub menu is displayed.



Continued

## Deleting images

- 3** Press the arrow (▲/▼) button to move the cursor to “Deleting Image” and press ENTER.

The thumbnail list is displayed. When you displayed a preview image in step 1, the trash icon is attached to that image.



- 4** Press the arrow (←/→/▲/▼) button to move the trash icon to the image you want to delete, then press ENTER.
- 5** Press ENTER.  
A confirmation dialog box is displayed.
- 6** Press the arrow (←/→) button to select “Yes” and press ENTER.  
The selected image is deleted. To delete other images, repeat steps 4 through 6.

### Formatting a “Memory Stick”

You can format a “Memory Stick.” In step 3, select “Format Memory Stick” and press ENTER. When the confirmation dialog box is displayed, press the arrow (←/→) button to select “Yes” and press ENTER. The “Memory Stick” is formatted and all the image files and other files are deleted at one time.

---

## Initializing and finalizing a CD-R/RW disc

To read a CD-R/RW disc storing the printer's images on your computer's CD-ROM drive, you need to finalize the disc. To save the printer's images onto the finalized CD-R/RW disc, you need to initialize the disc.

# Viewing the slideshow

You can perform a slideshow of the images saved in a “Memory Stick,” PC card or CD-R/RW disc. When you want to search for an image, you can find it easily using the slideshow.

- 1** Press INPUT SELECT to light on “MEMORY STICK,” PC CARD or CD-RW indicator.
- 2** In the MENU screen (page 61), press the arrow (←/→) button to select “SLIDESHOW” and press ENTER.  
The SLIDESHOW sub menu is displayed.



- 3** In the Switch Time line, press the arrow (←/→) button to select “Quick” to switch images quickly or “Slow” to switch them slowly.
- 4** Press the arrow (←/→/↑/↓) button to move the cursor to “Execute,” then press 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 slideshow

Press CANCEL.

### Notes

- Depending on the image, it may take time to be displayed.
- You cannot view the slideshow during the CREATIVE PRINT or EDIT mode.

# Making an index print

You can perform a slideshow of the images saved in a “Memory Stick,” PC card or CD-R/RW disc. When you want to search for an image, you can find it easily using the slideshow.

- 1** Press INPUT SELECT to light on “MEMORY STICK,” PC CARD or CD-RW indicator.
- 2** In the MENU screen (page 61), press the arrow (←/→) button to select “INDEX PRINT” and press ENTER.  
The INDEX PRINT sub menu is displayed.



- 3** Press the arrow (←/→/↑/↓) to move the cursor to the desired split pattern and press ENTER.
- 4** Press the arrow (←/→/↑/↓) button to move the cursor to “Execute,” then press ENTER.

The index list of the “Memory Stick” or PC card images is printed with each image in the selected pattern. Each thumbnail has a corresponding image number. When the “Date Print” is selected, the shot date (year, month and day) is also printed.

## Notes

- You cannot make an index print during the CREATIVE PRINT or EDIT mode.
- An image which is not displayed because it is damaged or has some kind of trouble will not be printed.

## 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-SV88. 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-SV88 printer at the same time, you cannot operate the printer.
- You cannot operate the printer from another USB device being used simultaneously.

## 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.

**Continued**

## Using your printer with Windows computers

- 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-SV88 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.”

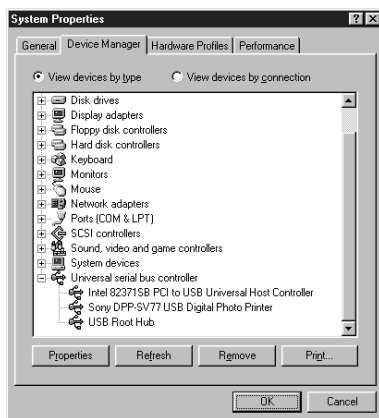
The “Control Panel” window is displayed.

- 2 Double-click “System.”

The “System Properties” window is displayed.

- 3 Click a “Device Manager” tab.

When “Sony DPP-SV88 USB Digital Photo Printer” is listed under “Universal serial bus controller,” installation is completed successfully.





## 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\DPPSV88" folder. If you want to install them to another folder, input the destination folder or specify the destination folder by clicking the "Browse" button.

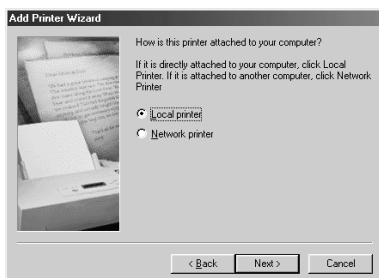


- 5 Click "Next."

"Add Printer Wizard" starts up.

- 6 Click "Next."

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



**Continued**

## Using your printer with Windows computers

### 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.

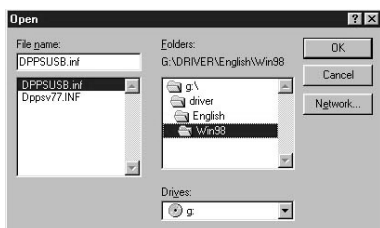
### 9 Click "Browse."

The following dialog box is displayed.



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

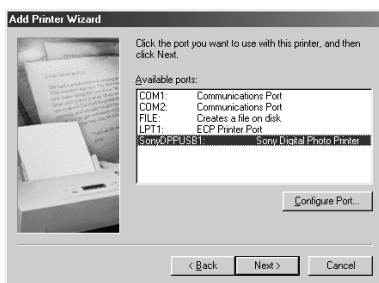
The following dialog box is displayed.



### 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.



### 13 Select “Sony DPP-SV88” 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-SV88.” 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-SV88” is added to the “Printers” window.

#### Notes

- After installation, the “Sony DPP-SV88” 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.

**Continued**

## Using your printer with Windows computers

### When using Windows 2000 Professional

To use your DPP-SV88 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\DPPSV88" folder. If you want to install them to another folder, specify the destination folder by clicking the "Browse" button.



## 8 Click “Next.”

The “Setup Complete” dialog box is displayed.

## 9 Click “Finish.”

The Readme file is displayed. “Sony DPP-SV88” 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 DPPUSB.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\DPPSV88\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-SV88”

- 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.

**Continued**

## Using your printer with Windows computers

- 4 On the "Install/Uninstall" tab of the "Add/Remove Programs Properties" window, select "Sony DPP-SV88" 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-SV88" in the "Printers" window and select "Delete" from the short-cut menu.

The confirmation dialog box is displayed.

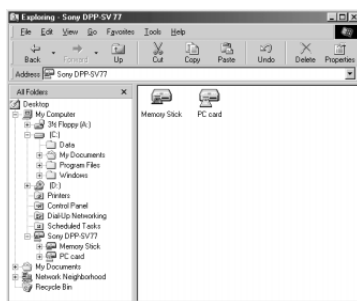
- 4 Click "Yes."

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-SV88."



- 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-SV88 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-SV88 Digital Photo Printer.

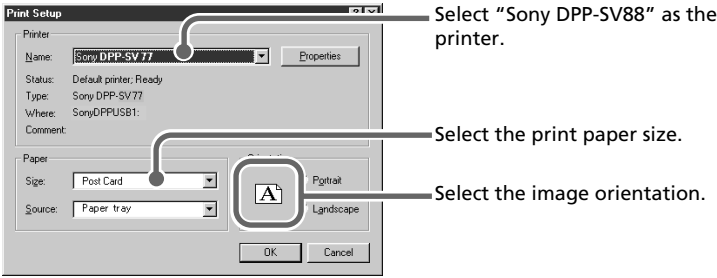
**Notes**

- 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.

# Using your printer with Windows computers



- ① Set “Printer” to “Sony DPP-SV88.”
- 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.

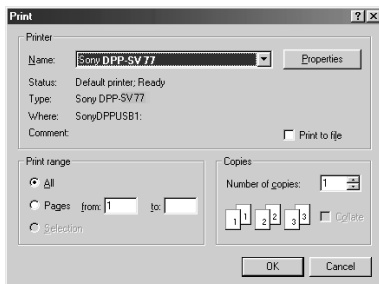
### ☐ Device Options tab

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-SV88. 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.

<b>OS:</b>	Mac OS 8.5.1/8.6/9.0/9.1 should be pre-installed.
<b>Port:</b>	A USB port should be installed as standard.
<b>RAM:</b>	32 MB or more (64 MB or more is recommended.)
<b>Hard disk space:</b>	50 MB or more (depending on the number of copies to be printed.)
<b>Drive:</b>	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-SV88 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-SV88 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."

# Using your printer with Macintosh computers

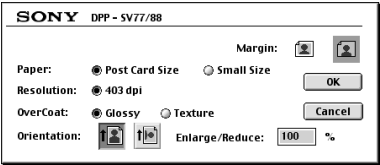
## Printing from a software application





You can use a software application to print images stored in your computer’s hard disk using the DPP-SV88 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.

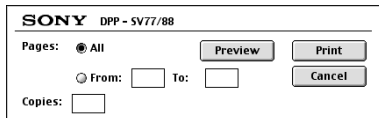
- 1 Start the application software that you use to print with, and select the image to be printed.
- 2 Select “Chooser” from the Apple menu, click “Sony DPP-SV88” in the “Chooser,” and then close the “Chooser.”
- 3 Click “Print Setup” from the “File” menu of the application. The “Print Setup” dialog 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.




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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.
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Preview	Displays a print preview.
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- 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 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

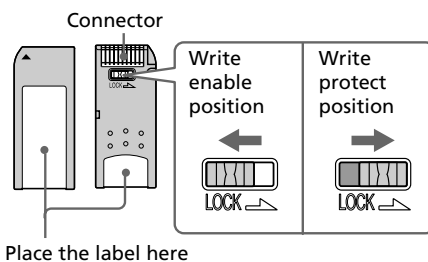
To prevent accidental erasure of important image data, use the write protect switch on the “Memory Stick.” Slide the switch to the write protect or write enable position:

### ■ 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 television displays no images.**

- Set the input selector of the television to "VIDEO."
- Press INPUT SELECT to turn on the appropriate input indicator.
- When printing from the "Memory Stick," PC card, or CD-R/RW disc, insert it securely into the printer. Check that images recorded by a digital still camera or other device are recorded.
- When recording from your video recorder, connect the printer and the video device securely. Then turn on the printer and connected devices, including the television and the video device. Start playback on the video equipment.

## **When playing back video device pictures, the pictures are noisy or the background becomes blue.**

- When you input noisy video signals, the pictures are automatically displayed with the blue background, which is not a printer's trouble. Input video signals with less noise.

## **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-SV88 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.

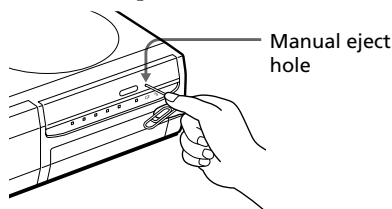
- Some types of PC card adaptor that are not compatible with PCMCIA ATA cannot be used with this printer.

### The beeps sound.

- Check that you are following the correct procedures.

### Cannot remove the CD-R/RW disc.

- Turn the printer off. Then insert a thin, pointed object (with diameter of approximately 1.2mm) into the CD-R/RW disc tray manual eject hole on the printer.



### Cannot remove the print cartridge.


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

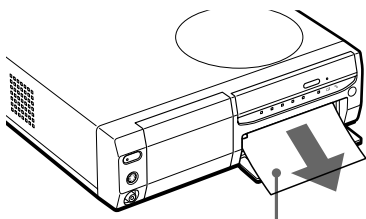
### The or indicator is lit or an error message is displayed.

- Follow the instructions on the screen.

## Troubleshooting

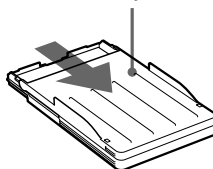
### If paper jams

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.



Pull out the jammed paper slowly.

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 OUT (output) connector (phono  
jack x 1)/VIDEO IN (input) connector  
(phono jack x 1)  
1 Vp-p, 75 ohms (unbalanced),  
sync negative  
S VIDEO OUT (output) connector (4-pin  
mini-DIN x 1)/S VIDEO IN (input)  
connector (4-pin mini-DIN x 1)  
1 Vp-p, 75 ohms (unbalanced),  
sync negative  
C: 0.286 Vp-p (color burst), 75 ohms  
(unbalanced)

## Slot

"Memory Stick" insertion slot (1)  
PC card insertion slot (PCMCIA II) (1)  
CD-R/RW disc drive (1)  
Maximum reading capacity: ## x  
speed, Maximum writing capacity:  
## x speed

## 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 <sup>5</sup>/<sub>8</sub> x 3 <sup>1</sup>/<sub>2</sub> x 10 <sup>5</sup>/<sub>8</sub> inches)  
(363 mm (14 <sup>3</sup>/<sub>8</sub> 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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# Index



