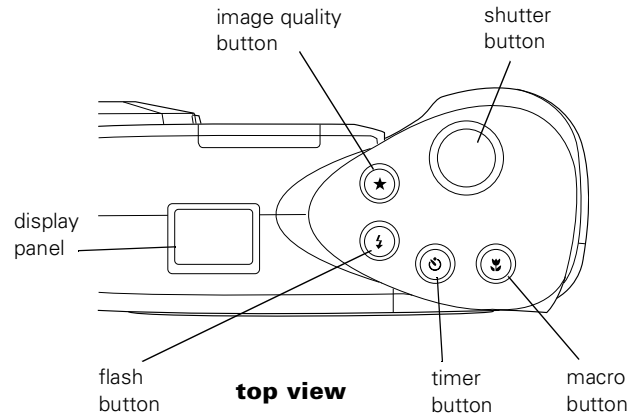
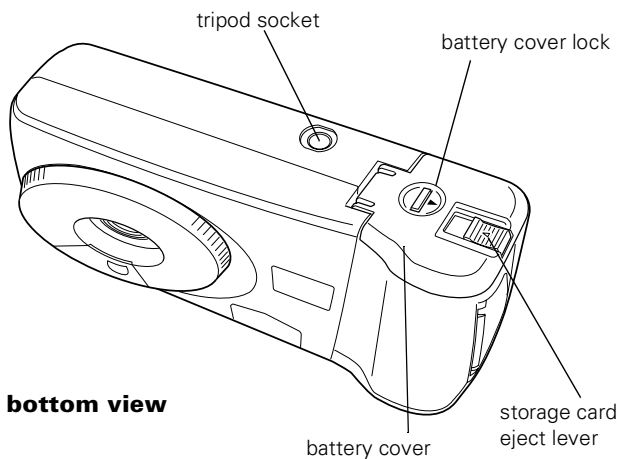


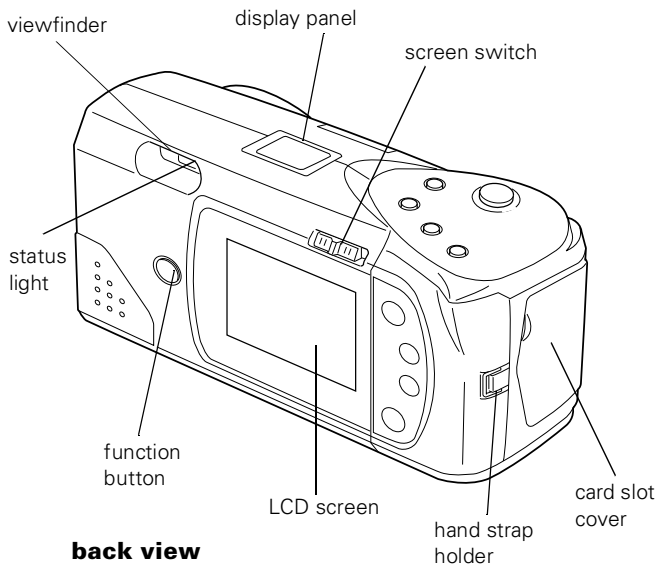
front view



top view



bottom view



back view

Camera Specifications

Physical Dimensions

Width	5.7 inches (14.4 cm)
Height	2.75 inches (7 cm)
Depth	1.9 inches (4.9 cm)
Weight	10 oz (280 g), without batteries

Safety Specifications

FCC approval code BKMFBG690A

Power

Sources Includes 4 AA rechargeable NiMH batteries and pocket-size charger. Also accepts 4 AA batteries (single-use alkaline, lithium, or rechargeable NiCad; do not use manganese)

Optional AC adapter (B867038)

Battery Life At least 330 pictures can be taken before the standard NiMH batteries need recharging (without the LCD screen or flash).

Technical

Product type	Digital still frame auto focus camera	Focus range	20 inches (50 cm) to infinity (normal mode) 4 inches to 20 inches (10 cm to 50 cm) (macro mode)
Image size	1280 × 960 pixels (fine and super fine) 640 × 480 pixels (standard) 1280 × 480 pixels (panoramic)	LCD screen	2-inch active matrix TFT color LCD (110,000 pixels)
DPI	144 standard, continuous, and digital zoom 240 all other settings	Sensitivity	Equivalent to ISO 60/120
Bit depth	16 million colors, 24-bit	Exposure control	Program auto exposure Manual adjustment (-2 to +2)
Lens	5-element aspherical glass lens	White balance	TTL automatic white balance Fixed white balance (5000°K)
CCD sensor	1/2.7 inch color area CCD (1,250,000 pixels)	Shutter	Electric iris with mechanical shutter, 1/4 second to 1/500 second (flash off mode) 1/30 second to 1/500 second (auto flash and forced flash modes)
Serial interface	8-pin mini-DIN (to camera) RS-232C-compatible (to computer)	Viewfinder	Real-image optical, with centering crosshair and edge border (view range over 80%)
Serial communication speed	Up to 230.4Kbps with high-speed serial port	Focus	Auto focus from 20 inches to infinity (4 inches to 20 inches macro mode)
Video out	NTSC standard	Aperture	F2.8, F5.6, F11 (automatic change)
Internal memory	4MB flash memory	Flash	Automatic luminance control flash
Optional expansion memory	CompactFlash storage cards from 4MB to 32MB (available from Lexar Media, [®] SanDisk, [®] and Simple Technology [®])	Flash modes	Forced flash, automatic, flash off
		Flash range	8 inches to 8 feet (0.2 m to 2.4 m)

Environmental

Temperature	Operating: 41 to 95°F (5 to 35°C) Non-operating: -4 to 140°F (-20 to 60°C)
Humidity	Operating: 30 to 90% (non-condensing) Non-operating: 10 to 90% (non-condensing)

Photographic

Lens	f = 5.5 mm F2.8 (equivalent to a 36 mm lens on a 35 mm camera)
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Battery Charger Specifications

Physical Dimensions

Width	3.0 inches (76 mm)
Height	4.33 inches (110 mm)
Depth	0.87 inches (22 mm)
Weight	Approximately 0.24 lb (110 g)

Safety Specifications

Certifications	UL
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Technical

Model number	EU-23
Input	120 V AC, 60 Hz
Output	1.2 V DC/650 mA × 4
Charging time	Approximately 160 minutes
Power consumption	Approximately 8 W
Charging temperature	32 to 95°F (0 to 35°C)

Optional AC Adapter Specifications

Physical Dimensions

Width	1.97 inches (50 mm)
Height	1.18 inches (30 mm) 1.85 inches (47 mm) including pins
Depth	3.74 inches (95 mm)

Safety Specifications

Certifications	UL, SA
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Technical

Model number	EU-19
Product code	B867038
Output	DC 7V/2.0A
Input	110 to 120 V AC, 50 to 60 Hz

Box Contents

- PhotoPC 700 camera and handstrap
- User's Guide*
- 4 AA NiMH rechargeable batteries and battery charger
- Serial cable for PC
- Macintosh® serial cable adapter
- Standard serial cable for Direct Print

- Tiffen® lens adapter for optional wide angle, telephoto, and close-up lenses
- Software on CD-ROM: Sierra® Image Expert™ with diskette creation utility, EPSON Photo!2 application and TWAIN driver, EPSON Photo File Uploader, EPSON Photo!2 Program Uploader
- Software on camera: Direct Print program

Minimum System Requirements

	Windows®	Macintosh®
Processor	486 or higher	Power PC™ or higher processor
Operating System	Windows 95, Windows 3.1 or later, Windows for Workgroups® 3.11 or later, or Windows NT® 4.0	System Software Version 7.1 or later (System 7.5 or later required to access CompactFlash card memory directly from the Macintosh.)
RAM	At least 16MB	At least 16MB
Ports	Serial port with standard RS-232C interface	Standard Macintosh modem/printer port
Display	640 × 480, 256 colors	640 × 480, 256 colors
Hard drive space	At least 30MB	At least 30MB
CD-ROM drive	Double-speed	Double-speed

Using Batteries

PhotoPC 700 comes with four rechargeable NiMH batteries and a charger.

Charging Batteries

It's important to make sure your batteries are fully charged, so they will last as long as possible before they need recharging.

WARNING

Shock hazard. Make sure you use the charger only with EPSON rechargeable NiMH batteries (model EU-23). To avoid the danger of leakage or explosion, do not place any other batteries in the charger. Read all safety and handling instructions before using the charger.

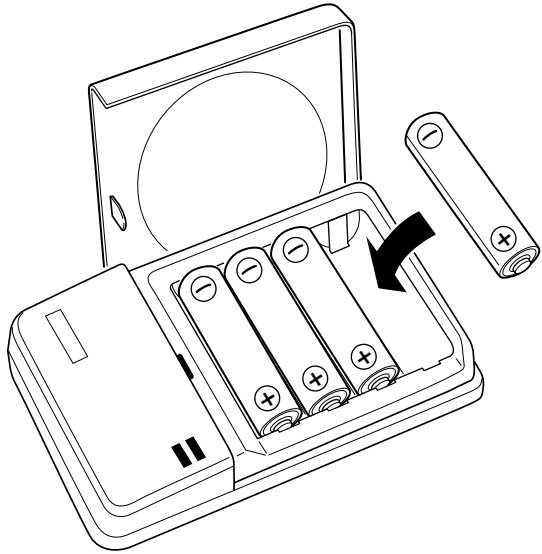
Note the following when charging batteries:

- Do not insert batteries backwards.
- Do not open the cover while batteries are charging.

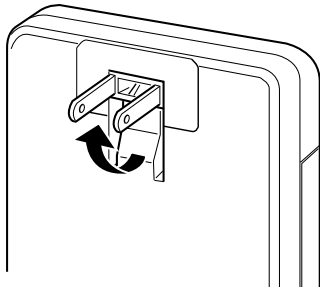
- ❑ Do not use near water or handle with wet hands. For indoor use only.
- ❑ Do not use within reach of children.
- ❑ Do not charge the batteries using an electrical outlet on an airplane.

Follow these steps to charge your batteries for the first time:

1. Lift up the cover of the charger and insert all four batteries, positioning the + and – ends as shown. Then close the cover firmly.



2. Turn the charger over and flip the two prongs out of their compartment.



3. Plug the charger into an electrical outlet. Both lights turn red, indicating that the charger is working. When the batteries are fully charged, after about two and a half hours, the lights go off.

NOTE

The charger lights flash to indicate changes in battery temperature and voltage. If the lights continue to flash for more than half an hour, the batteries may be damaged or worn out, and should be replaced. Unplug the charger if the batteries are not fully charged after four hours.

4. Now charge your batteries again by opening and then closing the charger. The second charge should take about two and a half hours.
5. Charge the batteries a third time by opening and closing the charger again. This charge should take about 20 minutes.
6. After you have charged the batteries three times and both lights are off, unplug the charger. To avoid overcharging, don't leave the charger plugged in for long periods of time after the lights go off.
7. Wait one hour until the batteries cool before removing them from the charger.
8. Before storing the charger, press down on the prongs to lock the plug into place.

(For subsequent charges of your NiMH rechargeable batteries, follow steps 1 through 3, then unplug your charger and follow steps 7 and 8 above.)

Be sure to always charge the batteries completely to make them last as long as possible. They can be recharged hundreds of times, so do not dispose of them until they are worn out.

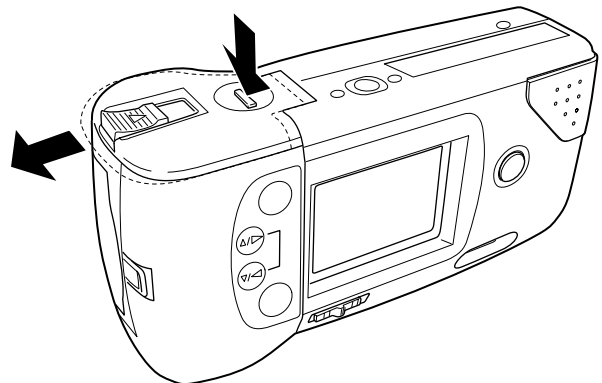
NOTE

Keep the charger terminals clean by wiping them with a dry cloth. Make sure you charge all four batteries before you use them. If you find that your batteries run out faster after you recharge them a few times, make sure you discharge them completely before recharging. If this doesn't help, replace the batteries.

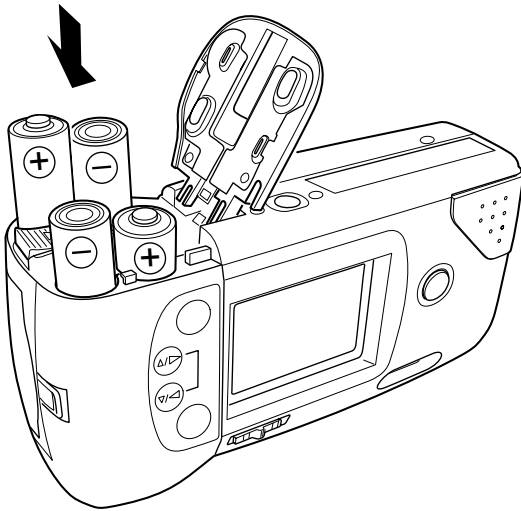
Installing Batteries

Before you install the batteries, make sure the camera is turned off (the lens cover is closed). Then follow these steps:

1. Turn the camera upside down with the LCD screen facing you.
2. Push the battery cover lock down. While holding the lock, slide the battery cover to the left to open it. Then raise the cover.



3. Insert all four batteries into the compartment, positioning the + and – ends as shown:



4. Close the battery cover and slide it to the right while pressing down, until it snaps into place.

Handling Batteries

If you forget to charge your NiMH rechargeable batteries or they need to be replaced, the camera can also accept the following:

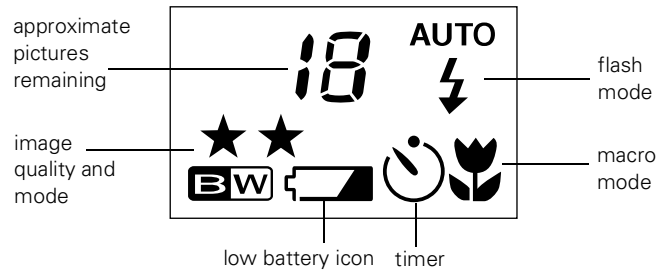
- Rechargeable AA NiCad batteries
- Single-use AA alkaline batteries (Energizer® brand recommended)
- Single-use AA lithium batteries (longer life)

WARNING


To avoid the danger of fire or explosion, do not mix different types of batteries. Replace all four batteries at the same time. Do not allow the battery contacts to touch metal objects such as coins or keys, which could short out the battery's circuits. Charge your NiMH batteries only with the EPSON NiMH battery charger (Model EU-23). Do not put in fire or water, drop or apply pressure, disassemble, short-circuit, or apply heat. Keep away from small children. If battery acid gets into your eyes or on your skin, immediately rinse the affected area well with water and seek medical treatment. If a battery is swallowed, seek medical treatment immediately.

Using the Display Panel

The display panel shows the camera's current settings, the status of your batteries (when power is low), and the number of pictures remaining.



Checking the Battery

 When your battery power is almost out, the low battery icon appears on the display panel. The icon flashes when your battery power is completely out.


To save battery power, the camera shuts off automatically after 60 seconds. It also shuts off when you take a picture with the LCD screen. To turn the camera back on, press the shutter button all the way down or close the lens cover and then open it again.

You can change the battery saving mode to have the camera remain on after you take a picture with the LCD screen. However, you'll use up your batteries faster. You can also change the auto shut-off time period, or press the shutter button to turn the camera back on.


Flash

The camera's built-in flash is effective within a range of 8 inches to 8 feet (20 cm to 2.4 m). Press the flash button to cycle through the three flash settings. An icon for each setting appears on the display panel as shown below:

Auto

 **AUTO** The flash goes off automatically whenever it's needed for adequate lighting (factory setting).

Flash Off

 The flash is disabled, even when adequate lighting is not available. Use this setting for special effects, where flash photography is prohibited, or for macro mode close-ups.

Forced Flash


 The flash goes off with every picture you take. Use this setting to compensate for backlighting; for example, when you are facing a light source.

Image Quality and Color Mode

PhotoPC 700 has several image quality (resolution) settings: three for color pictures and two for black and white pictures.

Fine

★★ Produces color images at 1280 × 960 pixels with moderate compression. Your pictures include ample detail, and the camera holds around 11 pictures (factory setting).

Super Fine

★★★ Produces color images at 1280 × 960 pixels with low compression. Your pictures include greater detail, and the camera holds at least 5 pictures. With less compression, Super Fine images are better for enlarging.

Monochrome Fine

★★ Produces black and white images at 1280 × 960 pixels with moderate compression. Your pictures include ample detail, and the camera holds at least 11 pictures.

Monochrome Super Fine

★★★ Produces black and white images at 1280 × 960 pixels with low compression. Your pictures include greater detail, and the camera holds at least 5 pictures. With less compression, Super Fine images are better for enlarging.

Standard

★ Produces color images at 640 × 480 pixels. The camera holds at least 39 pictures (with Direct Print installed and 50 without Direct Print installed), but the image size is smaller and includes less detail when enlarged.

View Mode LCD Menus



Panorama/Zoom (take special format pictures)



Conditions (use continuous shooting and advanced photo settings)

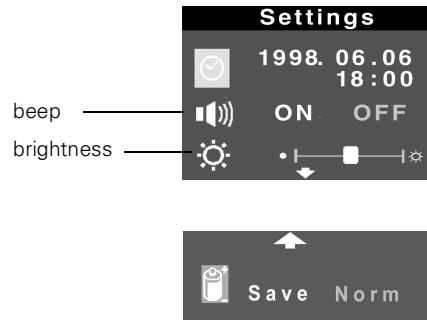


Information (turn off the display of information on previewed pictures)

Playback Mode LCD Menus



Settings (date, time, beep, LCD brightness, and power-save mode).



Information (turn off the display of information on played-back pictures).



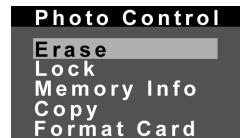
Playback Mode (one at a time or groups of 9 images).



Magnification (zoom in on a picture and view it in sections).



Photo Control (erase, lock, display memory information, or work with flash memory cards).



Slide Show (play back pictures automatically).



Software Menu (print directly from the camera or remove the Direct Print program).



Language (select language for LCD display and menus).

Playing Pictures on TV

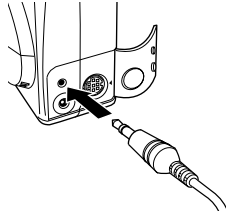
You can display your pictures on a regular television or VCR by using the video cable that came with your PhotoPC 700

TIP

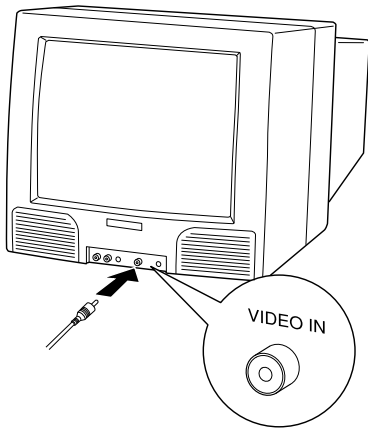
You can videotape your pictures to share them without using a computer. After you connect the camera, press the Record button on your VCR and set the camera's LCD screen to **Slide Show**.

1. Make sure the camera and TV (and VCR) are turned off.

- Open the camera's connector cover and connect the black end of the video cable to the VIDEO OUT port as shown:



- Connect the yellow end of the cable to the VIDEO IN port on the television or VCR:



- Turn on the TV (and VCR) and switch to the correct video mode.
- Slide the screen switch on your camera to **Playback**. The last picture you took appears on the TV screen. You can use all of the camera's playback features when your pictures are displayed on TV.

Using the Camera for Presentations

You can connect your camera to a multimedia projector or television and show not just photos, but also text and graphics. The EPSON Photo File Uploader lets you transfer images from your computer to your camera. Anything you can display on your computer screen can be captured, converted, and uploaded. You can create and show a presentation without printing overhead transparencies or slides, and without a laptop computer.

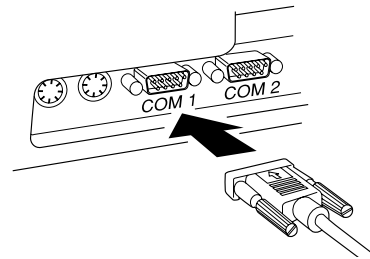
Getting Pictures into Your Computer

When you're finished taking pictures, you can connect the camera to your computer and transfer the images.

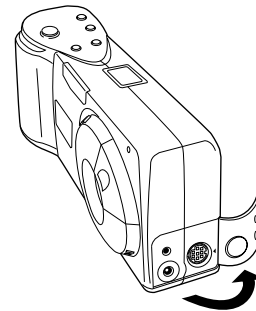
Connecting to a Windows PC

Before you start, turn off the camera, LCD screen, and your computer. Then follow these steps:

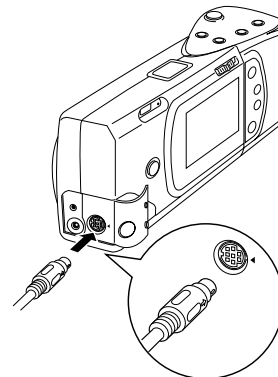
- Locate a serial port on the back of your computer.
- Line up the serial connector on the cable with one of the serial ports on your computer, and insert the connector. Then tighten the screws.



- Open the connector cover on the side of the camera.





- Depending on the type of cable you have, line up either the arrow or the flat side of the cable connector with the mark on the camera's serial port. Then insert the connector.



- Turn on the camera and your computer system.

Connecting to a Macintosh

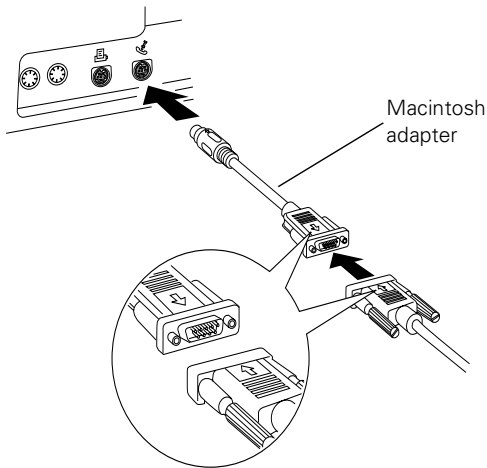
Before you start, turn off the camera, LCD screen, and your Macintosh. Then follow these steps:

1. Locate the modem port  or printer port  on the back of your Macintosh. You can use either port to connect the camera.

NOTE

If you are sharing a serial port that you use for another device, make sure AppleTalk™ is turned off. Your Macintosh may not recognize the camera if AppleTalk is on.

2. Connect the long cable to the short Macintosh adapter cable, then tighten the screws.
3. Line up the arrow on the cable connector with the port icon on your Macintosh. Then insert the connector.



4. Open the connector cover on the side of the camera.
5. Depending on the type of cable you have, line up either the arrow or the flat side of the cable connector with the mark on the camera's serial port. Then insert the connector.
6. Turn on the camera and your Macintosh system.

Using CompactFlash Storage Cards

You can use optional ATA-compatible CompactFlash storage cards (4MB and up) to increase the storage capacity of your camera. When you install a card, the camera stores pictures on the card, rather than in its internal memory. You can copy photos from your camera to the card (and vice versa).

If your desktop or notebook computer has a Type II PCMCIA card slot, you can access images on storage cards directly by using an optional PCMCIA adapter.

CompactFlash cards increase the camera's picture storage capacity as shown in the table below. Each card adds the number of pictures shown to the number of pictures in the camera's internal memory.

Number of pictures (minimum capacity) for internal memory and 4 to 12MB cards

Image Quality	Internal Memory*	4MB Card	8MB Card	12MB Card
Standard	39	59	119	179
Fine	11	17	35	53
Super Fine	5	8	17	26
Fine Panorama	23	35	71	107
Super Fine Panorama	11	17	35	53

*with Direct Print installed (factory setting)

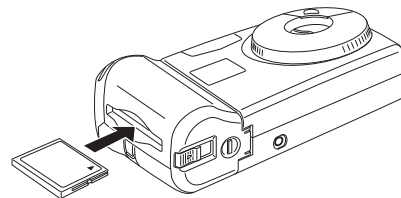
Number of pictures (minimum capacity) for 16 to 32MB cards

Image Quality	16MB Card	20MB Card	24MB Card	32MB Card
Standard	240	298	360	481
Fine	72	89	108	144
Super Fine	36	44	54	72
Fine Panorama	144	179	216	288
Super Fine Panorama	72	89	108	144

Installing a Storage Card

Before you start, make sure the camera and the LCD screen are turned off.

1. Open the storage card cover and insert the card all the way into the slot, as shown below:



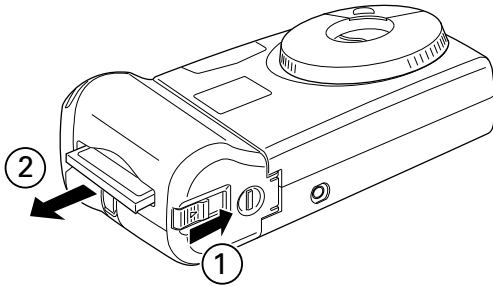
2. Close the card slot cover.

The number of pictures you can store in the card appears in brackets on the camera's display panel.

Removing a Storage Card

Make sure the camera and the LCD screen are turned off. Then follow these steps:

1. Open the cover and slide the switch on the bottom of the camera to eject the card.



2. Remove the card by hand, then close the card slot cover.

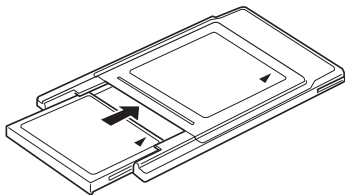
CAUTION

Never remove the card while the camera is accessing it. Data in the card may be lost or damaged. Avoid using or storing the card in dusty places, in direct sunlight, or in places that are extremely hot or humid.

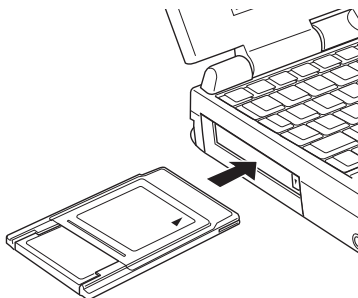
Using a PCMCIA Adapter

Follow these steps to use an adapter:

1. Insert the storage card all the way into the adapter, as shown below:



2. Insert the adapter into your computer's Type II PCMCIA slot:



Printing Directly from the Camera

Your PhotoPC 700 lets you print directly to any of the following ink jet printers:

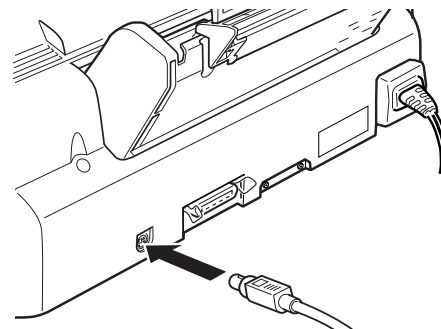
- EPSON Stylus® Photo
- EPSON Stylus Photo 700
- EPSON Stylus Photo EX
- EPSON Stylus COLOR 600
- EPSON Stylus COLOR 800
- EPSON Stylus COLOR 850

You can print with EPSON ink jet media, including coated or glossy paper, glossy film, ink jet cards, and photo stickers. Direct Print allows you to print in various layouts, including the following:

- Full size or 5 × 7 images
- Cards
- Album images
- Stickers
- Contact prints

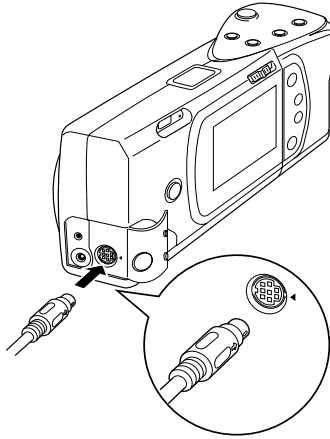
Before you start, make sure you have the standard Macintosh printer cable (Apple System Serial-8 cable) that came with your camera. Don't use the PC connection cable or Macintosh adapter cable. Then, follow these steps to connect your camera to the printer:

1. Make sure both the camera and printer are turned off.
2. Connect either end of the interface cable to the serial connector on the back of the printer.




3. Open the connector cover on the side of the camera.

- Line up the arrow of the cable connector with the mark on the camera's serial port, then insert the connector.



After you have connected the camera, follow these steps to start Direct Print:

- Turn on the printer. (The camera does not need to be on.)
- Slide the screen switch on the camera to **Playback**.
- Press the **SELECT** button.
- Press the **▶/▲** or **◀/▼** button until you see the **Software Menu** .
- Press the **SELECT** button.
- Press the **◀/▼** button to highlight **Direct Print** and press the **SELECT** button. You see the Print menu:



You can select layout, paper, and various printing options by using the menus before you print your pictures.

Maintenance

Cleaning the Camera and Battery Charger

- Use a clean, dry cloth to wipe the camera free of dust.
- Use a damp cloth to clean the battery charger.
- Don't use harsh or abrasive cleaners. Don't use liquid or aerosol cleaners.
- Unplug the battery charger before cleaning.
- Keep the battery charger terminals clean by wiping them with a dry cloth.

- To clean the lens, first blow off any loose dust or dirt. Then breathe on the lens and wipe off all moisture with a soft, lint-free cloth or lens cleaning tissue. To avoid scratching the lens, don't press too hard.
- If necessary, clean the battery contacts with a dry cloth.
- If the LCD screen gets fingerprints or smudges on it, use a soft, damp cloth to lightly wipe the screen.

Storing the Camera

- Keep the lens covered (power turned off) and store the camera in a carrying case or bag when you're not using it.
- When the camera is not used for long periods of time, remove the batteries and store them at a low temperature in a dry location. This prevents camera damage from battery leaks or corrosion.

Do not store the camera in the following locations:

- Where it will be exposed to direct sunlight, for example, on a car dashboard
- Near bright sources of light or high humidity
- Near heat sources or in a closed car or trunk
- In areas of excessive dirt or dust
- Where it will be exposed to strong vibrations or magnetic fields

Warranty

1 year camera, 90 days batteries and charger

Related Documentation and Accessories

CPD-6724	EPSON PhotoPC 700 User's Guide
CPD-6725	Quick Tips for Using Your EPSON PhotoPC 700 Digital Camera

Accessories for the PhotoPC 700

B867038	AC Adapter
B818051	NiMH Power Pack
B818061	NiMH Batteries
2025883	Serial Cable
2025884	Mac Adapter
2026803	Video Output Cable

You can purchase manuals and accessories from EPSON Accessories at (800) 873-7766. In Canada, please call (800) 807-7766.