

# PENTAX™

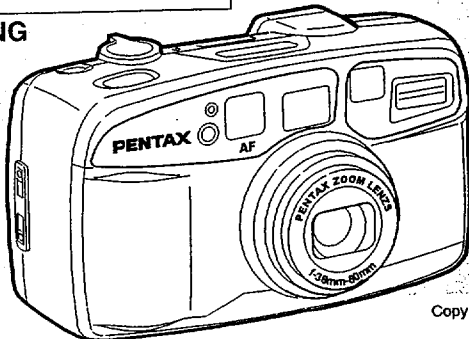
PENTAX  
ESPIO80V

PENTAX  
ESPIO80V

**IQZ**oom EZY-80

**IQZ**oom EZY-80 DATE

OPERATING  
MANUAL



57407

Copyright © Asahi Optical Co. Ltd. 2002  
01-200201 Printed in Japan

English **E**

Français **F**

Español **S**

Deutsch **D**

Nederlands **NI**

Italiano **I**

Português **P**

中國語 **C**

日本語 **J**

## お問い合わせは下記の窓口へ

■カメラ製品に関するお問い合わせ (ホームページアドレス <http://www.pentax.co.jp/>)

ペンタックス お客様相談センター ☎03(3960)3200(代)  
〒174-8639 東京都板橋区前野町2-36-9  
営業時間 午前9:00~午後6:00 (土・日・祝日および弊社休業日を除く)

☎0570-001313  
市内通話料金でご使用いただけます。

携帯電話・PHSの方は下記番号をご利用ください。  
☎03(3960)3200(代) ☎03(3960)0887 デジタルカメラ専用

■ショールーム・写真展・修理受付

ペンタックスフォーラム ☎03(3348)2941(代)  
〒163-0401 東京都新宿区西新宿2-1-1 新宿三井ビル1階(私書箱240号)  
営業時間 午前10:30~午後6:30 (年末年始および三井ビル点検日を除き年中無休)

■修理受付

ペンタックス札幌営業所お客様窓口 ☎011(612)3231(代)  
〒060-0010 札幌市中央区北10条西18-36 ペンタックス札幌ビル2階  
営業時間 午前9:00~午後5:00 (土・日・祝日および弊社休業日を除く)

ペンタックス仙台営業所お客様窓口 ☎022(371)6663(代)  
〒981-3133 仙台市泉区泉中央1-7-1 千代田生命泉中央駅ビル5階  
営業時間 午前9:00~午後5:00 (土・日・祝日および弊社休業日を除く)

ペンタックス名古屋営業所お客様窓口 ☎052(962)5331(代)  
〒461-0001 名古屋市長区泉1-19-8 ペンタックスビル3階  
営業時間 午前9:00~午後5:00 (土・日・祝日および弊社休業日を除く)

ペンタックス広島営業所お客様窓口 ☎082(234)5681(代)  
〒730-0851 広島市中区櫻町2-15 櫻町ビュロー3階  
営業時間 午前9:00~午後5:00 (土・日・祝日および弊社休業日を除く)

ペンタックス福岡営業所お客様窓口 ☎092(281)6868(代)  
〒810-0802 福岡市博多区中洲中島町3-8 パールビル2階  
営業時間 午前9:00~午後5:00 (土・日・祝日および弊社休業日を除く)

■直送修理受付・修理に関するお問い合わせ

ペンタックスサービス(株) 東日本修理センター ☎03(3975)4341(代)  
〒175-0082 東京都板橋区高島平6-6-2 旭光学工業(株)流通センター内  
営業時間 午前9:00~午後5:00 (土・日・祝日および弊社休業日を除く)

ペンタックスサービス(株) 西日本修理センター ☎06(6271)7996(代)  
〒542-0081 大阪府中央区南船場1-17-9 パールビル2階  
営業時間 午前9:00~午後5:00 (土・日・祝日および弊社休業日を除く)



旭光学工業株式会社  
〒174-8639 東京都板橋区前野町2-36-9  
ペンタックス販売株式会社  
〒100-0014 東京都千代田区永田町1-11-1

Asahi Optical Co., Ltd. 2-36-9, Maeno-cho, Itabashi-ku, Tokyo 174-8639, JAPAN (<http://www.pentax.co.jp/>)

Pentax GmbH (European Headquarters) Julius-Vosseler-Strasse, 104, 22527 Hamburg, GERMANY  
(HQ - <http://www.pentaxeuropa.com> Germany - <http://www.pentax.de>)

Pentax U.K. Limited Pentax House, Heron drive, Langley, Slough, Berks SL3 8PN, U.K.  
(<http://www.pentax.co.uk>)

Pentax France S.A. 12/14, rue Jean Poulmarch, 95106 Argenteuil Cedex, FRANCE

Pentax Benelux B.V. (for Netherlands) Spinveld 25, 4815 HR Breda, NETHERLANDS (<http://www.pentax.nl>)  
(for Belgium & Luxembourg) Weveldlaan 3-5, 1930 Zaventem, BELGIUM  
(<http://www.pentax.be>)

Pentax (Schweiz) AG Widenholzstrasse 1 Postfach 367 8305 Dietlikon, SWITZERLAND (<http://www.pentax.ch>)

Pentax Scandinavia AB P.O. Box 650, 75127 Uppsala, SWEDEN (<http://www.pentax.se>)

Pentax Europe n.v. (European Distribution Center) Weveldlaan 3-5, 1930 Zaventem, BELGIUM

Pentax Corporation 35 Inverness Drive East, Englewood, Colorado 80112, U.S.A. (<http://www.pentax.com>)

Pentax Canada Inc. 3131 Universal Drive, Mississauga, Ontario L4X 2E5, CANADA

Congratulations on your purchase of the PENTAX IQZoom EZY 80 / ESPIO 80V and welcome to the world of Pentax zoom compact photography!

- Your compact, light weight camera is a great companion to preserve your favorite memories.
- Please read this manual carefully before operating the camera to take consistently superior pictures.
  - Pay special attention to the cautions and notes in this Operating Manual.
- The illustrations used in this manual may differ from the camera's actual appearance.
- Illustrations in this operating manual are the DATE MODEL.

## 1. PRECAUTIONS

### FOR SAFE USE OF YOUR CAMERA

Although we have carefully designed this camera for safe operation, please be sure to follow precautions given in this manual.

#### ⚠ WARNING

This mark indicates precautions that if not followed, could result in serious injury to the person.

#### ⚠ CAUTION

This mark indicates precautions that, if not followed, could result in minor or medium injury to the person or damage to the equipment.

#### ⚠ WARNING

- The electric circuits inside the camera contain high voltage working parts. Never attempt to disassemble the camera yourself.
- Never touch internal parts of the camera if they become exposed from dropping the camera or for some other reason, as there is danger of electric shock.
- Wrapping the strap around your neck is dangerous. Make sure that small children do not the strap caught their neck.

#### ⚠ CAUTION

- Never try to disassemble, short or recharge the battery. Also, do not dispose of the battery in fire, as it may explode.
- Remove the battery from the camera immediately if it become hot or begin to smoke. Be careful not to burn yourself during removal.

## PRECAUTIONS FOR YOUR CAMERA

### Precautions when taking pictures

- Do not use the camera where it may come in contact with rain, water or any other liquid, because the camera is not weather, water, or liquid resistant. Should the camera get wet from rain, splashing water, or any other liquid, wipe it off immediately with a dry soft cloth.
- Be careful not to subject the camera to strong vibrations, shock or pressure. Use a cushion to protect the camera when carrying it in a motorcycle, car, boat, etc.
- Condensation on the interior or the exterior of the camera may be extremely harmful to the camera mechanism as it may cause rust and / or corrosion. Furthermore, if the camera is taken from warm temperature to a subfreezing one or vice versa, the formation of icelets may cause damage. In such a case, put the camera into a case or plastic bag so that any changes in temperature difference is minimized. Do not remove it from the bag until temperature has stabilized.

### Precautions for storage

- Avoid leaving the camera for extended periods in places where temperature and humidity are high such as in a car.
- Do not store the camera in a closet with mothballs or in a case where chemicals are handled. Store it in a place with good air circulation to prevent fungus growth.

### Precautions for proper care

- Use a blower and lens brush to remove dust accumulated on the lens or the viewfinder window.
- Never use solvents such as paint thinner, alcohol or benzene to clean the camera. To clean the external camera surfaces, - but not glass surfaces; using a dry or silicone-treated cloth is recommended.

### Other precautions

- The temperature range at which this camera functions properly is 50°C to -10°C (122°F to 14°F).
- To maintain optimum performance, it is recommended that the camera be inspected every one or two years. If the camera has not been used for an extended period, or is being prepared for an important photographic session, it is recommended that you have the camera inspected or test shoot with it.

## PRECAUTIONS FOR BATTERY USAGE

- Misuse of a battery can cause hazards such as leakage, overheating, explosions, etc. The battery should be inserted with the "+" and "-" sides facing correctly.
- Battery performance may be temporarily hindered in low temperatures, but will recover in normal temperatures.
- Keep a spare battery on hand for replacement convenience when shooting outdoors or while traveling.
- Be sure to store battery out of reach of children. Seek medical assistance immediately if accidentally swallowed.

## 2. NAMES OF WORKING PARTS

- 1 Strap lug
- 2 Shutter release button
- 3 Main switch button
- 4 Mid-roll rewind button
- 5 Self-timer / Landscape button
- 6 Flash button
- 7 LCD panel
- 8 Built-in flash
- 9 Viewfinder window
- 10 Lens
- 11 Autofocus window
- 12 Self-timer lamp
- 13 Light sensor window
- 14 Viewfinder eyepiece
- 15 Green lamp
- 16 Zoom lever
- 17 Film information window
- 18 Back cover release lever
- 19 Battery chamber cover
- 20 Tripod socket
- 21 Back cover

## 3. STRAP ATTACHMENT

Fit the strap on the camera as illustrated. Protrusion part can be used for opening Battery cover, for adjusting Date and for pushing Mid-roll rewind button.

## 4. OUTLINE OF BASIC OPERATION

- 1 Insert the battery with plus (+) side up. Use one 3V Lithium Battery (CR123A or the equivalent)
- 2 Set the date and time. (Refer to the following section 5. DATE MODEL.)
- 3 Open the back cover.
- 4 Load the film. Pull out the film leader end to reach the ①[FILM]. Ensure the film is taut and flat. If there is dirt on the film detector ②, the film cannot be wound properly.
- 5 Close the back cover. Film is advanced to the 1st. frame automatically.  
If "E" appears on LCD panel, load the film properly again.
- 6 Turn the main switch ON.
- 7 Compose by using the zoom lever and focus on the subject with autofocus frame.
- 8 Release the shutter completely to take picture when green lamp lights on.
- 9 At the end of the film, camera rewinds the film automatically.
- 10 After confirming "0" indication in the LCD panel, remove the film.

## 5. DATE MODEL

When the battery cover is opened, date and time initialize to '98 1 1 and 00:00.

Use the protrusion parts of the strap clamp to depress the button.

### Selecting the Mode

Press the DATE button ① to change the date mode as shown in the list.

```

Year Month Day
  ↓
Day Hour Minute
(Blank) No imprinting
  ↓
Month Day Year
  ↓
Day Month Year
  
```

### Correcting the Date

- 1 Depress the SELECT button ② to select desired category of digits.
- 2 Depress the ADJUST button ③ to change digits.
- 3 Depress the SELECT button ② until the blinking digits stop.

### Correcting the Time [Day Hour Minute]

- 1 Correction of the time can also be done in the same procedure as the one for the date.

## 6. VIEWFINDER DISPLAYS AND GREEN LAMP INDICATIONS

### 6-1. Viewfinder displays

- ① Autofocus frame  
Focus on the subject with this frame.
- ② Picture area  
When taking a normal picture, compose the scene with this frame.
- ③ Close distance (0.8 to 1.0m) compensation frame.  
When the camera-to-subject distance is between 0.8m and 1.0m, compose the scene within this frame.

### 6-2. Green lamp indication

- ① Lighting: Flash is charged. Shutter release possible.
- ② Blinking: Flash is being charged.

## 7. FLASH EFFECTIVE RANGE

- (Color negative film used.)
- With high speed film, overexposure may occur at close distance due to the film's high sensitivity.

## 8. REWINDING THE FILM IN MID-ROLL

Depress the mid-roll rewind button with the protrusion part of the strap clamp.

## 9. TAKING PICTURES WITH VARIOUS MODES

### 9-1. EXPOSURE MODE

Push ( ) to change exposure mode.

1. AUTO MODE (NORMAL MODE)  
Turn the main switch ON to set this mode. Flash discharges if it is in low light.
2. AUTO MODE / RED-EYE REDUCTION FLASH  
Normal mode with red-eye reduction flash.
3. AUTO MODE / DAYLIGHT-FLASH ON  
Flash discharges always.
4. SLOW SHUTTER SPEED
  - 4-1. Slow shutter speed with Flash-OFF  
No flash discharge.  
Use of tripod is recommended.
  - 4-2. Slow shutter speed with Flash ON and Red-eye-reduction flash  
Use of tripod is recommended.  
The proper exposure for the foreground subject and a slow-shutter speed for background.

### 9-2. SHOOTING MODE

Push ( ) to change Shooting Mode.

1. NORMAL SHOOTING MODE  
Single frame.
2. SELF-TIMER PICTURES  
Self-timer starts after depressing shutter button.  
Use of tripod is recommended.
3. INFINITY-LANDSCAPE SHOOTING  
Distant landscape through the window.

## 10. SPECIFICATIONS

Type : 35mm fully automatic lens-shutter with built-in zoom lens and auto flash  
 Film : 24 x 36 mm format, Auto film speed setting with 35mm perforated DX-coded film with ISO rating from 25-3200(1EV step). Non-DX coded films are set to ISO25  
 Film loading, Film winding : Auto film loading, Auto film winding (single-frame)  
 Film rewinding : Auto film rewinding at the end of roll. Auto stop upon completion of rewinding, Rewinding in mid-roll provided.  
 Lens : Pentax power zoom 38-80mm f/6.3-12.5, 5 elements in 5 groups  
 Angle of view : 59° - 30.5°  
 Focusing system : Pentax infrared active autofocus system with focus lock  
 Focusing Range : 0.8m(2.6ft) - infinity, maximum magnification: approx. 0.11 x.  
 Infinity-landscape mode(Focus is fixed to infinity).  
 Zooming : Electronic zoom  
 Shutter : Programmed AE electronic shutter with speed approx. 1/300 - 2 sec.  
 Self-timer : LED lamp indication. Delay time approx. 10 sec.  
 Viewfinder : Actual image zoom viewfinder. 83% of field of view ratio  
 Magnification : 0.42 x (38mm WIDE) - 0.78 x (80mm TELE), Diopter : - 1.0 m<sup>-1</sup>  
 Frames : Autofocus frame, Picture frame, Close distance correction frame  
 Green lamp lighting(O) : Flash is charged.  
 Green lamp blinking : Flash is being charged.  
 Exposure control : Programmed auto-exposure control.  
 Exposure Range : Auto or Daylight-Sync mode(ISO400) : EV10.5 - EV17.5 at 38mm WIDE, EV13.5-EV19.0 at 80mm TELE. Slow Shutter Speed mode(ISO 400): EV8.0 - EV17.5 at 38mm WIDE, EV8.0 - EV19.0 at 80mm TELE.  
 Flash : Built-in flash with red-eye reduction mode, Automatic flash emission in low-luminance, Flash ON=Day-light Sync/Slow Shutter Speed Sync(up to 2 sec.), Flash OFF=Flash override  
 Flash recycling time : Approx. 7 sec. under Pentax testing conditions.  
 Power source : One 3V lithium battery(CR123A or the equivalent), Auto power shut-off in 3 min.  
 Battery life : Approx. 15 rolls of 24-Exposure film when using flash 50% of the time(under Pentax testing conditions)  
 Battery exhaustion warning : (Q) appears on the LCD panel, Shutter is locked, when(Q) is blinking.  
 Size & Weight : 120.5(W) x 70.5(H) x 51.5(D) (4.7" x 2.8" x 2") 225g(7.9oz) without battery

### DATE MODEL

Date mechanism : Crystal quartz controlled; LCD with digital clock, auto calendar up to 2049.  
 Imprinting mode : "Year, Month and Day", "Day, Hour and Minutes", "---- blank", "Month, Day and Year" or "Day, Month and Year".  
 Size & Weight : 120.5 (W) x 70.5(H) x 53.0(D) mm (4.7" x 2.8" x 2.1") 230g(8.1oz) Without battery.

SPECIFICATIONS ARE SUBJECT TO CHANGE AT ANY TIME WITHOUT NOTIFICATION OR ANY OBLIGATION ON THE PART OF THE MANUFACTURER.

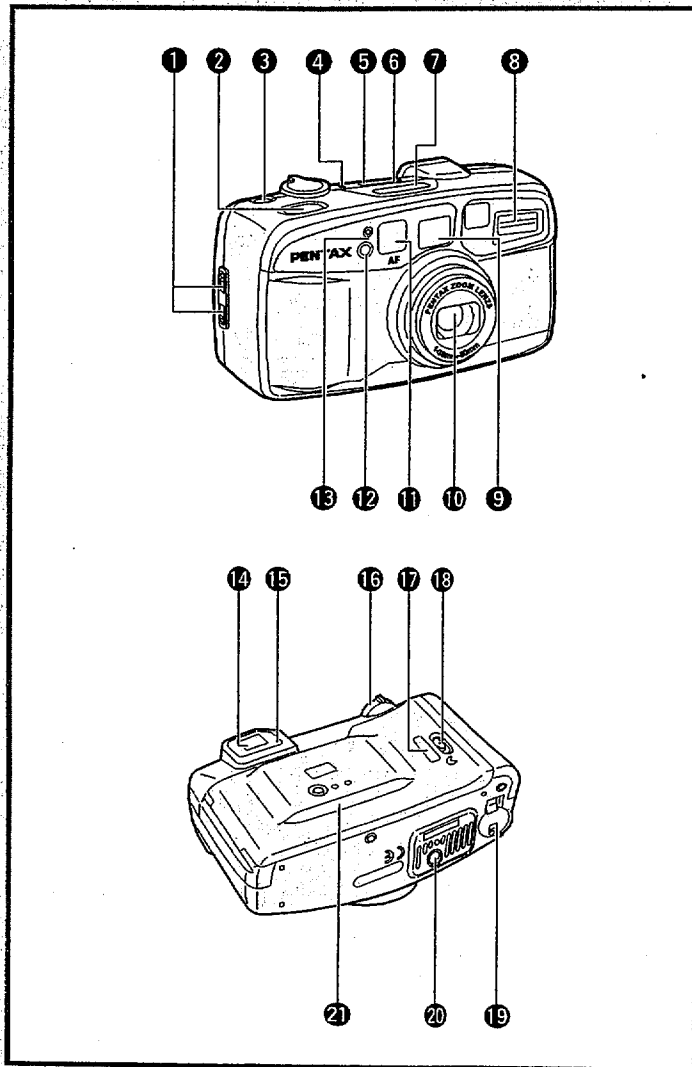
### For Customers in USA

**STATEMENT OF FCC COMPLIANCE**  
 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. Charges or modifications not approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for 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 not 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.  
 Consult the dealer or an experienced radio/TV technician for help.

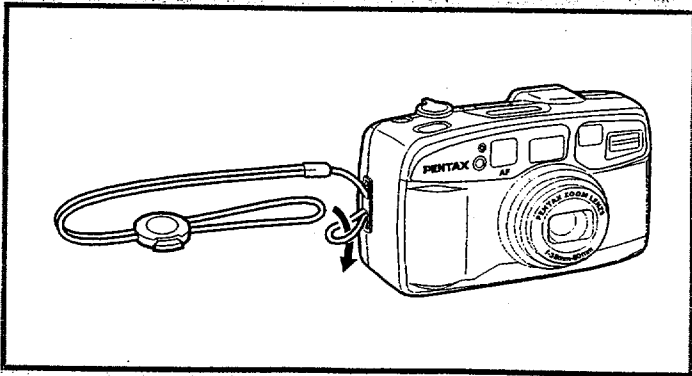
### For Customers in Canada

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

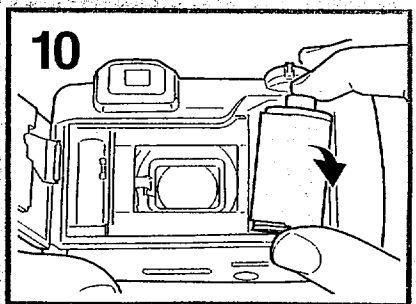
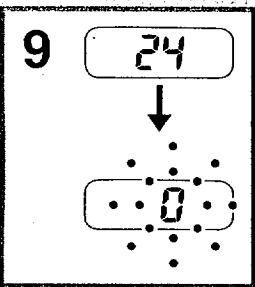
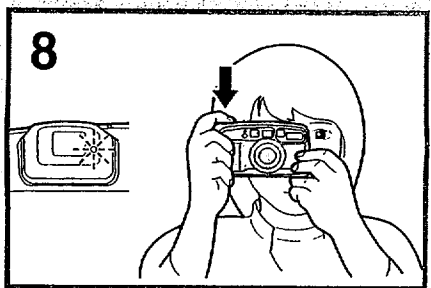
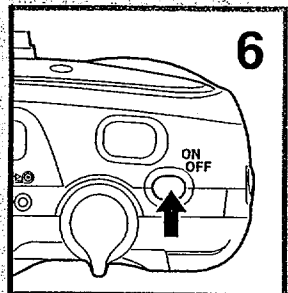
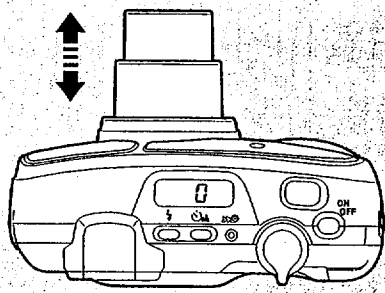
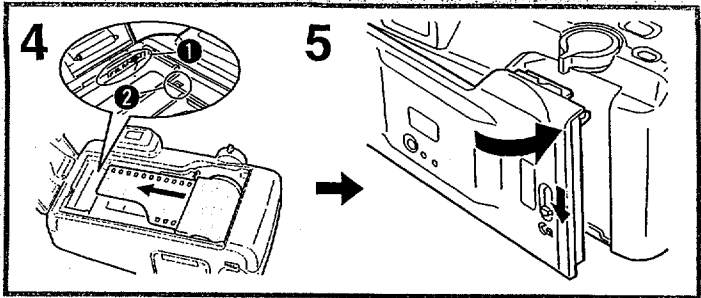
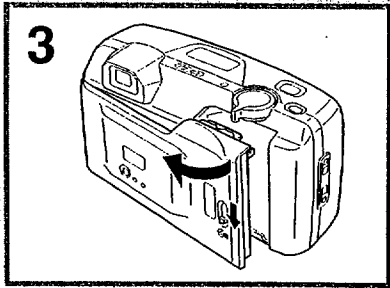
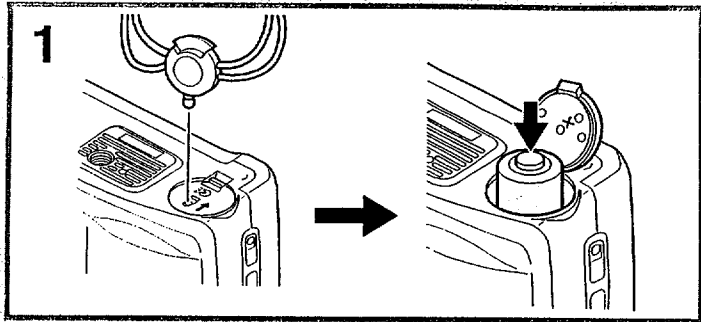
**2**



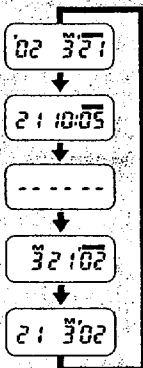
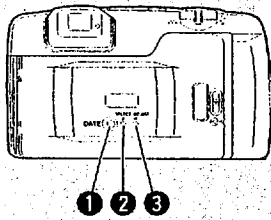
**3**



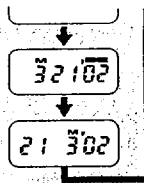
**4**



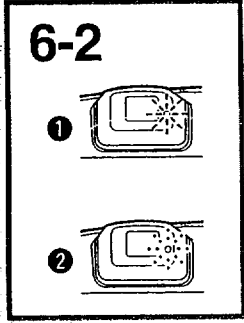
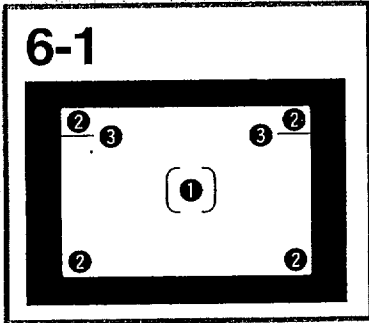
**5**



1 2 3



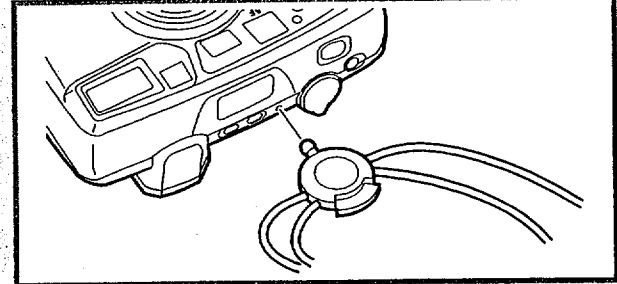
**6**



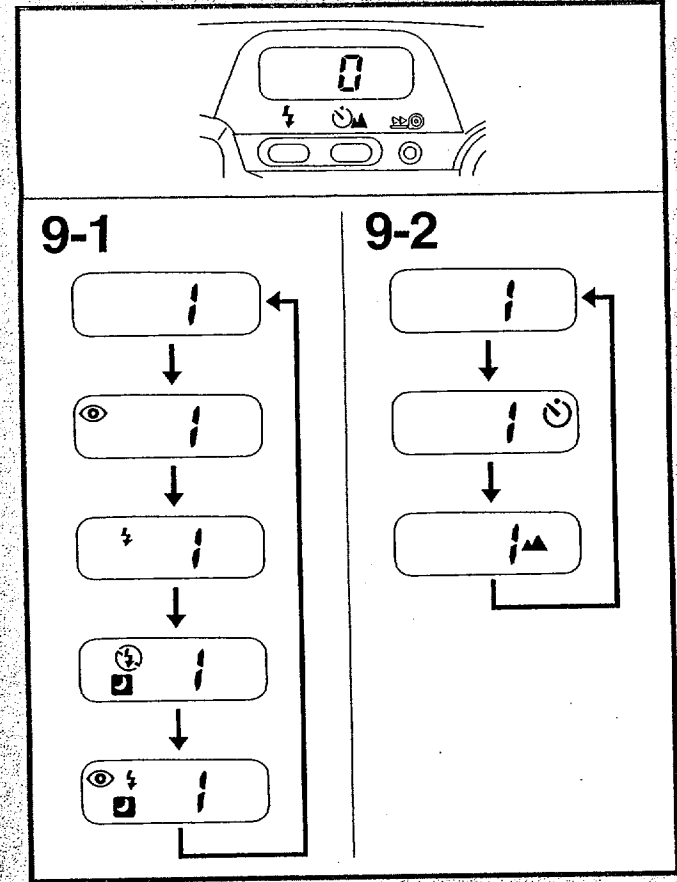
**7**

ISO	38mm(†††)	80mm(†)
25	0.8-1.3m(2.62-4.3 ft)	-----
50	0.8-1.9m(2.62-6.2 ft)	0.8-0.95m(2.62-3.1 ft)
100	0.8-2.7m(2.62-8.9 ft)	0.8-1.4m(2.62-4.6 ft)
200	0.8-3.8m(2.62-12 ft)	0.8-1.9m(2.62-6.2 ft)
400	0.8-5.4m(2.62-18 ft)	0.8-2.7m(2.62-8.9 ft)
800	0.8-7.6m(2.62-25 ft)	0.8-3.8m(2.62-12 ft)
1600	1.1-11.0m(3.6-36 ft)*	0.8-5.4m(2.62-18 ft)
3200	1.5-15.0m(4.9-49 ft)*	0.8-7.7m(2.62-25 ft)

**8**



**9**



## WARRANTY POLICY

All Pentax cameras purchased through authorized bona fide photographic distribution channels are guaranteed against defects of material or workmanship for a period of twelve months from date of purchase. Service will be rendered, and defective parts will be replaced without cost to you within that period, provided the equipment does not show evidence of impact, sand or liquid damage, mishandling, tampering, battery or chemical corrosion, operation contrary to operating instructions, or modification by an unauthorized repair shop. The manufacturer or its authorized representatives shall not be liable for any repair or alterations except those made with its written consent and shall not be liable for damages from delay or loss of use or from other indirect or consequential damages of any kind, whether caused by defective material or workmanship or otherwise; and it is expressly agreed that the liability of the manufacturer or its representatives under all guarantees or warranties, whether expressed or implied, is strictly limited to the replacement of parts as hereinbefore provided. No refunds will be made on repairs by non-authorized Pentax service facilities.

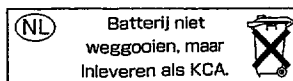
## PROCEDURE DURING 12-MONTH WARRANTY PERIOD

Any Pentax which proves defective during the 12-month warranty period should be returned to the dealer from whom you purchased the equipment or to the manufacturer. If there is no representative of the manufacturer in your country, send the equipment to the manufacturer, with postage prepaid. In this case, it will take a considerable length of time before the equipment can be returned to you owing to the complicated customs procedures required. If the equipment is covered by warranty, repairs will be made and parts replaced free of charge, and the equipment will be returned to you upon completion of servicing. If the equipment is not covered by warranty, regular charges of the manufacturer or of its representatives will apply. Shipping charges are to be borne by the owner. If your Pentax was purchased outside of the country where you wish to have it serviced during the warranty period, regular handling and servicing fees may be charged by the manufacturer's representatives in that country. Notwithstanding this, your Pentax returned to the manufacturer will be serviced free of charge according to this procedure and warranty policy. In any case, however, shipping charges and customs clearance fees to be borne by the sender. To prove the date of your purchase when required, please keep the receipt or bills covering the purchase of your equipment for at least a year. Before sending your equipment for servicing, please make sure that you are sending it to the manufacturer's authorized representatives or their approved repair shops, unless you are sending it directly to the manufacturer. Always obtain a quotation for the service charge, and only after you accept the quoted service charge, instruct the service station to proceed with the servicing.

This warranty policy does not affect the consumer's statutory rights.

### For Customers in USA

This warranty does not apply to Pentax products purchased in the United States. Therefore, for warranty information regarding Pentax products purchased in the United States, please read the warranty cards supplied with your product.



The CE marking assures that this product complies with the requirements of the EC directive for safety.  
Le logo CE certifie que ce produit est conforme aux normes de sécurité prévues par la Communauté Européenne.  
La marca CE garantiza que este producto cumple las normas de la CE sobre seguridad.  
Das CE Zeichen garantiert, daß dieses Produkt die in der EU erforderlichen Sicherheitsbestimmungen erfüllt.  
De EC Markering verzekert u dat dit product in overeenstemming is met de EC richtlijnen voor veiligheid.  
Il marchio CE assicura che questo prodotto è conforme alle direttive CEE relative alla sicurezza.  
A Marca CE é uma marca de conformidade com a Directiva da Comunidade Europeia (CE).  
CE 記號為・European Community (歐洲統一委員會) 的略寫。  
このマーク(CE)はEU(欧州共同体)の要求事項に適合している事を示すものです。