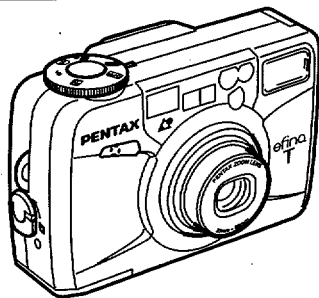







PENTAX® efina T

OPERATING MANUAL



- Please read this manual carefully before operating the camera to take consistently superior pictures.
- Pay special attention to the notes in this Operating Manual.

Icon indications used in this manual

Operation direction	
Automatic operation	
Attention	
Lamp lighted	
Lamp blinking	

NAMES OF WORKING PARTS

- Mode dial (p.38)
- Shutter release button (p.23)
- Viewfinder window
- Autofocus window
- Light sensor window
- Built-in flash
- Spotbeam window (p.35)
- Lens
- Self-timer lamp (p.47, p.50)
- Remote control receiver (p.49)
- Film cartridge chamber lever (p.26)
- Strap lug (p.18)
- ① Red lamp (p.32)
- ② Green lamp (p.32)
- Diopter adjustment lever (p.24)
- Viewfinder eyepiece
- Print selection lever (p.30)
- Zoom lever (p.25)
- ③ LCD panel
- Film cartridge chamber cover (p.26)
- Tripod socket
- Date button (p.55)
- Title/Language selection button (p.59)
- Drive button (p.39)
- Mid-roll rewind button (p.37)
- ④ Battery chamber cover (p.19)

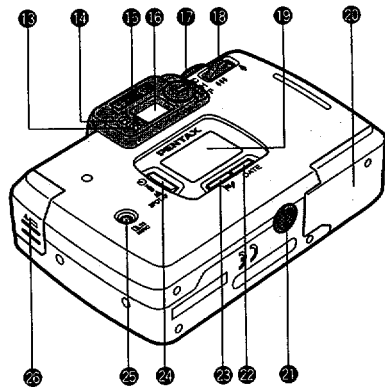
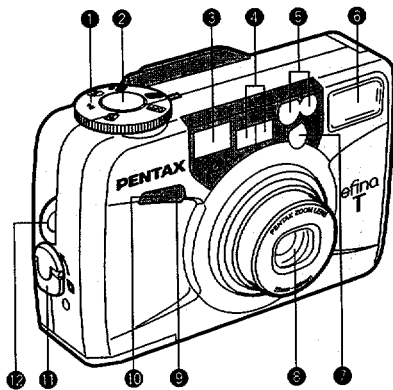


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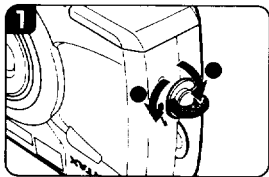
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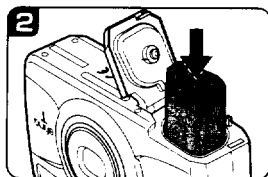
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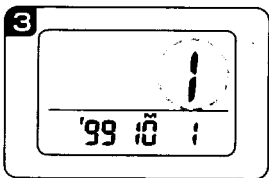
OUTLINE OF BASIC OPERATIONS



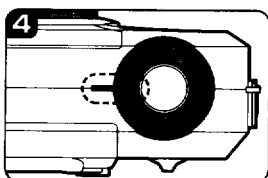
1 Open the film cartridge chamber cover. (p. 26).



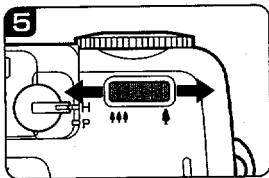
2 Load the film cartridge and close the film cartridge chamber cover (p. 27).



3 The film will automatically advance to the first frame (p. 27).



4 Switch on power (p. 22).
Set the exposure mode dial to [**AUTO**].



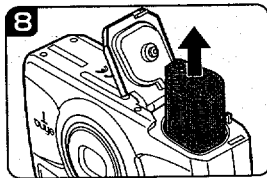
5
Frame your subject and operate the zoom lever to compose the shot (p.25).



6
Focus on your subject (p.33).



7
Depress the shutter release button (p.34).



8
Remove the film cartridge (p.36).

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 page.

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

⚠ CAUTION This mark indicates precautions that, if not followed, could result in minor or medium injury to the operator 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 get the strap caught their neck.
- Be sure to store the battery out of the reach of children. Seek medical assistance immediately if accidentally swallowed.

⚠ 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 becomes 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. 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 50C° to -10C° (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.
- The PENTAX warranty provided only for the repair of defects in materials or workmanship. Damage of any kind cannot be repaired at no charge under the term of the warranty. If the difficulty is caused as a direct result of the product being used in conditions contrary to the instructions outlined in

this manual, charges will be assessed or a repair quotation will be provided.

- Do not place film cartridges near sources of the strong magnetic fields.

LCD (Liquid-crystal display)

- When the LCD is exposed to high temperatures over about 60°C, it may blacken, but when the temperature normalizes, it will return to normal.
- The LCD may also slow down in response to lower temperatures, but this is a normal characteristic of an LCD.

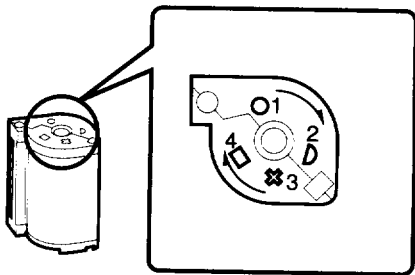
Precautions for battery

- Use one 3V lithium battery, type CR-2 or the equivalent.
 - Misuse of a battery can cause hazards such as leakage, overheating, explosions, etc. The battery should be inserted with the "+" and "-" sides facing correctly.
 - Never try to disassemble, short or recharge the battery. Also do not dispose of the battery in a fire, as it may explode.
 - 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.

ADVANCED PHOTO SYSTEM FEATURES

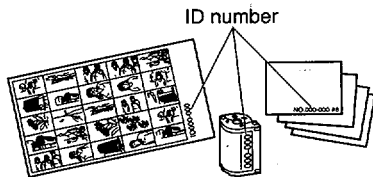
- The visual exposure indicators on the top of the film cartridge show the film status.
- A film cartridge with X , or ■ visual film indicator cannot be used in this camera.

- 1 ● Unexposed
- 2 ◐ Partially exposed
- 3 × Exposed
- 4 ■ Processed

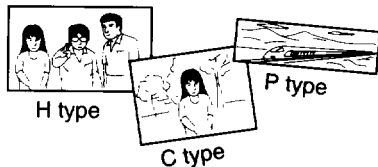


- Use IX240 type film designed for use in Advanced Photo System cameras. A 135mm (35mm) film cannot be used.
- The film cartridge can be loaded as simply as installing the battery.

- For best results, we recommend you to take your film cartridge to a certified Advanced Photo System processing labs displaying this symbol.
- Your processing lab may not develop IX240 films. Consult them for details of their services.
- After developing, your pictures, an index print, and the film cartridge with the negatives inside will be returned to you.
- When ordering reprint, match the ID on the back of the print or on the index print with the ID on the film cartridge and specify which prints you want reprint.



- Three print types are available. It is possible to switch the print type in the mid-roll.



- You can select a title from thirty-one different types and twelve languages and imprint it on the back of the print. Some processing labs may not imprint the titles in all of the available languages. If you desire to imprint it on the front of the picture, ask your processing lab.
- You can imprint the date and time on the back of the print. If you desire to imprint it on the front of the picture, consult your processing lab.

- The film size of this camera differs from that of conventional 35mm cameras. The focal length differs even if the field of view is the same. To calculate the focal length of the camera, multiply the 35mm camera focal length by 0.8.

MRC (Mid-roll change) function

- With this camera it is possible to load a partially exposed film cartridge that has been rewound. When the rewound film is reloaded, the camera will automatically advance the film to the first unexposed frame and the rest of the film can then be used.

PQI (Print Quality Improvement) function

- When taking a picture, information about lighting and exposure conditions are recorded on the film to assist the processing lab with color correction and exposure adjustments, providing you with the best possible results.

PRACTICAL SHOOTING GUIDE



Focusing

Taking a picture through a window.....p.51



Flash photography

- Taking a picture in low light situations.....p.35
- Minimizing the red-eye effect.p.42, p.43
- Taking a picture of people with sunset scenery in the background.p.43
- Taking a portrait when the subject is in the shade.p.44



Zooming

Making a subject larger or smaller.p.25



Taking pictures of people in various situations

- Taking a picture of people with sunset scenery in the background.p.43
- Taking a portrait when the subject is in the shade.p.44
- Putting yourself into a picture.p.46, 48



Landscape photography

- Taking a picture of people with sunset scenery in the background.p.43
- Taking a picture of landscape scenery through the window.p.51



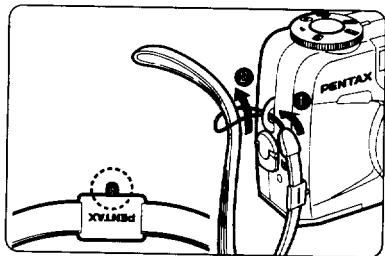
Others

- Taking a picture with the (Optional) Wireless Remote Control.p.48
- Imprinting the date on a picture.p.55
- Imprinting the title on a picture.p.59

1 STRAP ATTACHMENT

PREPARATIONS BEFORE TAKING PHOTOGRAPHS

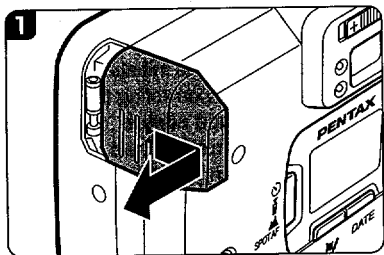
For optimum performance you should familiarize yourself with certain fundamentals before taking any photographs.



Fit the strap on the camera as illustrated.

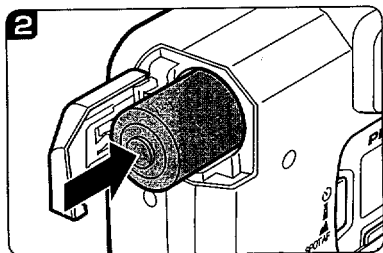
- Use the illustrated part for pushing the mid-roll rewind button to rewind a film.

2 INSTALLING/REPLACING BATTERY

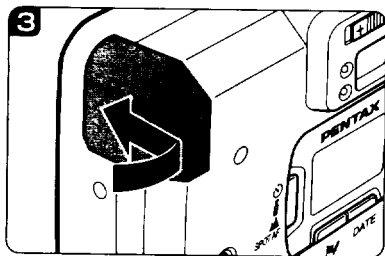


Ensure that the mode dial is set to OFF before replacing the battery.

1 Open the battery chamber cover.



2 Insert one lithium battery with the plus/minus (+/-) sides matching the indications in the battery chamber.

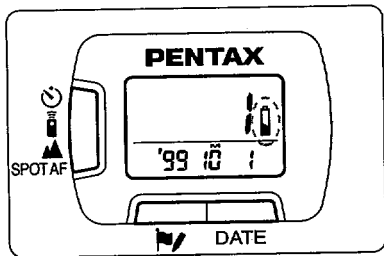




**3 Close the battery chamber cover.
Ensure that the cover is locked
securely.**

Notes on replacing the battery:

- When the battery is replaced or removed, the time is initialized to 0 00. See page 55 for correcting the time.
- The date, title and number of exposed frames are memorized and unchanged even if the battery is replaced or removed.
- Use one 3V lithium battery (CR-2 or equivalent).

BATTERY EXHAUSTION WARNING

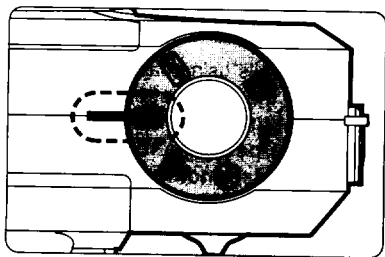


When the battery is nearly exhausted, the battery symbol () appears on the LCD panel to warn you. Replace the battery as soon as possible. When () starts blinking, no operations can be performed.



Battery life (using 25-exposure film rolls) :

Approx. 10 rolls using flash 50% of the time (using the CR-2 battery and under Pentax testing conditions). Actual battery life/performance may vary drastically depending on usage of Power Zoom, Flash and external conditions such as temperature and freshness of the battery.

3 MAIN SWITCH



To switch on, set the mode dial to any position other than OFF.

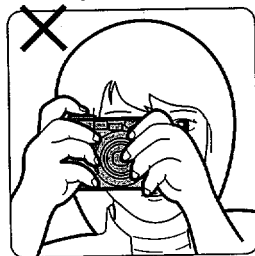
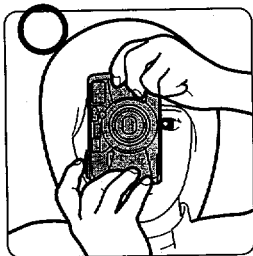
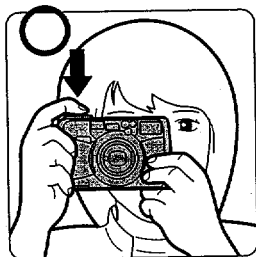
- For normal use, set the mode dial to either [**AUTO**] or [**AUTO** ].
- When the power turns ON, the lens slightly extends and the lens cover opens.
- If the camera is ON and left unused for over 3 minutes, the lens automatically retracts to the shortest focal length.
- See page 21 when the battery exhaustion symbol () appears on the LCD panel.

4 HOLDING THE CAMERA

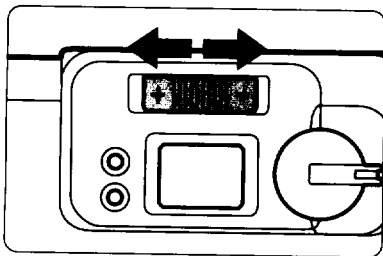
Keep the camera as still as possible, and gently depress the shutter release button. (If too much force is applied, the camera is likely to shake, and the picture will be blurred.) Try to brace your elbows against a stable, stationary object such as a wall.

Notes:

- Do not hold the zoom lens because it moves back and forth while in operation.
- Make sure not to obstruct the autofocus window, lens, light sensor window or the built-in flash with your fingers, hair or other object.
- When using the flash with the camera positioned vertically, hold the camera so that the flash is above the lens.

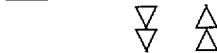
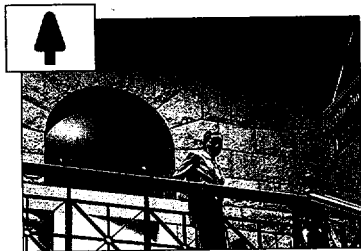


5 DIOPTER ADJUSTMENT



Aim the camera towards a bright subject. While looking through the viewfinder, move the diopter adjustment lever the right or left until the AF frame appears in the sharpest focus.

6 OPERATING 23-69mm ZOOM LENS



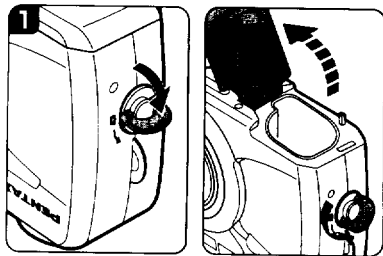
When you move the zoom lever to the right (▲), the lens moves towards the 69mm setting and frames the subject more closely. When you move the zoom lever to the left (▲▲▲), the lens moves towards the 23mm setting. When the lens zooms to the desired setting, release the zoom lever and depress the shutter release button fully to take pictures.

- Do not apply force to the zoom lens as doing so causes damage to the camera.
- The shutter cannot be released while the lens is zooming.

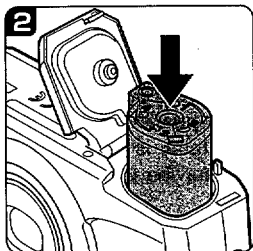
1 LOADING THE FILM CARTRIDGE

TAKING PHOTOGRAPHS

After reading this operating manual you should be familiar with the functions available on the camera, and you will be ready to load the film.

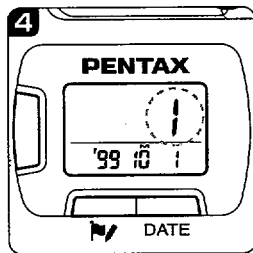
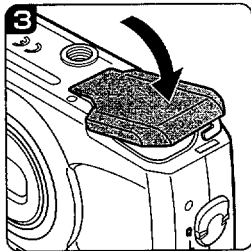


1 Move the film cartridge chamber lever as illustrated to open the film cartridge chamber cover.



2 Load a new film cartridge as illustrated.

3 After the film cartridge chamber cover is closed, the film automatically advances to the first frame.



4 [1] appears in the exposure counter on the LCD panel, the film automatically stops winding.

- Do not open the film cartridge chamber cover while the film is in mid-roll. Doing so may cause light leakage.

Automatic film speed setting

When a film cartridge is loaded, the proper film speed is automatically set for the camera.

- A film ISO rating from 25 - 10000 is usable.
- A film with ISO 400 film speed is recommended to get less image blur and to cover more of the photographic situations.

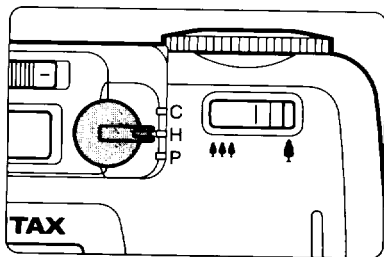
Notes:

- After closing the film cartridge chamber cover, the ISO film speed, maximum number of frames and type of film will be appeared on the LCD panel until first frame is set. Refer to the table below for the indications on the LCD panel.

	Color Negative	Positive	Black & White	Other
Type of Film	Cn	Cr	b1	0t
ISO film speed (e.g. ISO 100)	100 ISO			

- A film cartridge with the X , or □ indicator cannot be used in this camera. If such a film is loaded, (E) blinks on the LCD panel.
- To confirm the film speed maximum number of frames and type of film cartridge after closing the film cartridge chamber cover, depress the Title/Language selection button(▶/▼).
- Your processing lab may not develop IX240 films, consult them for details of their services.
- Use an IX240 type film in this camera. A 135 (35mm) film cannot be used.
- Do not place film cartridges near sources of the strong magnetic fields.

SELECTING THE PRINT TYPE



Three types of prints are chosen in this camera. The type of print can be switched at any time.

Turn the print selection lever to select the desired print type.



Type C print

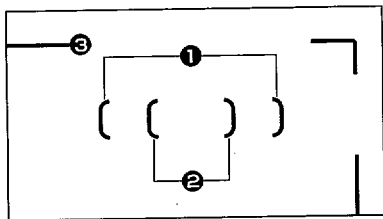


Type H print



Type P print

3 VIEWFINDER DISPLAYS



1 Autofocus frame

Focus on the subject with this frame.

2 Spot AF Frame

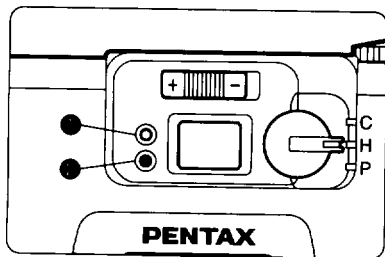
Select the Spot AF Frame to focus on particular spot in the frame.

3 Close distance compensation frame

When the camera-to-subject distance is closer than 1.2m, compose the scene within this frame.

- When the camera-to- subject distance is less than 1.2m, type P print set is not recommended due to a substantial difference between what you see through the viewfinder versus the image you will obtain the final print.

4 LAMP INDICATIONS



When you depress the shutter release button halfway down, the lamp ● and/or ● lights up or blinks.

● **Green lamp (Focus status):**

When the subject is in focus, it will light up to indicate that you can take the picture; when the subject is not in focus, it will blink, indicating that distance is too close or the subject is hard to autofocus.

● **Red lamp (Flash status):**


When the flash is ready to discharge, it will light up. When the flash is being charged, it will blink.

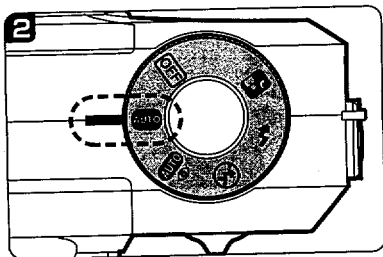
5 TAKING PICTURES [Shooting distance: 0.65 (2.1ft) - ∞ (infinity)]

1



1 Composing the scene

Set the mode dial to (AUTO) or (AUTO ). Focus on the subject with the autofocus frame.



2 Checking the lamp indication

Depress the shutter release button halfway down. When the subject is in focus, the green lamp will light up.

- If you wish to focus on another subject, lift your finger from the shutter release button and depress the shutter button halfway down again.



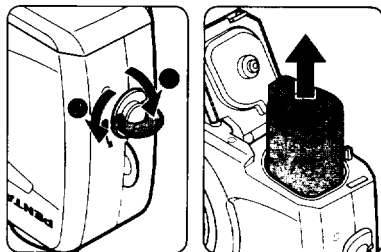
3 Depress the shutter release button fully. The shutter will be released.

Notes:

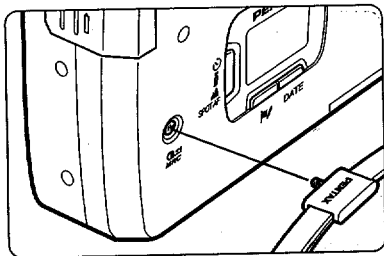
- Confirm that the green lamp will light up. The green lamp blinks when the subject is too close.
- The shooting range (effective camera-to-subject distance) of this camera is from 0.65m (2.1ft) to ∞ (infinity).
- You can release the shutter even if the green lamp is blinking. But the picture will not be focused properly.
- If the autofocus window is dirty, the autofocus may not function properly.

6 REMOVING THE FILM CARTRIDGE

- 1 After you have exposed the last frame of the roll, the film rewinds automatically. Then, (0) blinks on the LCD panel to indicate that the film has been rewound.
- 2 Open the film cartridge chamber cover by moving the film cartridge chamber lever to the left.



- A 25-exposure roll of film takes about 30 seconds to be rewound.
- During rewinding, the exposure counter counts frame numbers in reverse.
- The film cartridge with partially exposed cannot be removed.



Rewinding a film in mid-roll

- If you wish to remove a film cartridge before exposing all the frames, follow steps 1 - 3.

1 Depress the mid-roll rewind button (MRC) with the knob on the strap. The film rewinding starts.

2 When rewind is completed, the motor stops. (D) blinks, indicating that the film cartridge may be removed safely.

3 Confirm that (D) is blinking on the LCD panel.

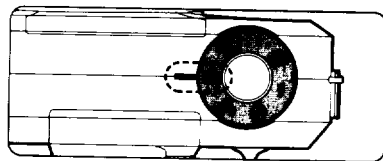
- After rewinding the film in mid-roll, the film indicator indicates (D).

Notes:

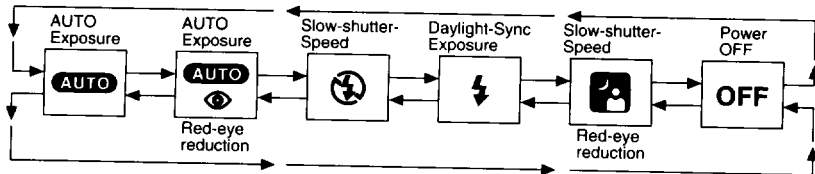
- Do not depress the button with an object having a sharp tip.
- When the partially exposed film is loaded, the camera automatically advances the film to the unexposed film part, and the original exposure counter appears on the LCD panel.

HOW TO SELECT EXPOSURE MODES

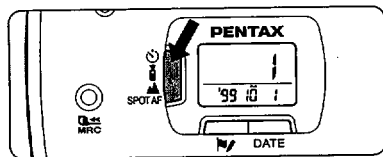
TAKING BETTER PHOTOGRAPHS



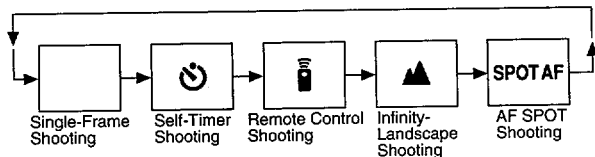
To set various exposure modes, turn the mode dial.



- For normal use, set the mode dial to the auto position.



To set various shooting modes, depress the self-timer/remote control button (⏱️📡 SPOTAF).



- In the Self-Timer Shooting and/or the Remote Control Shooting Mode, if the button (⏱️📡 SPOTAF) is depressed after the shutter is released, the Single-Frame Shooting Mode is returned.
- For normal use, set the Single-Frame Shooting Mode. When the mode dial is set to OFF, the Single-Frame Shooting Mode is returned.

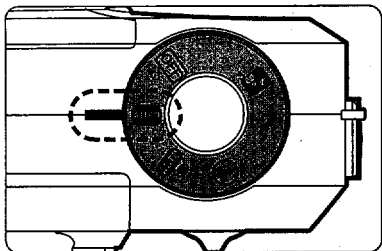
What is the red-eye phenomenon in flash photography

When a picture is taken using a flash, a subject's eyes may appear red in the print. This phenomenon is caused by the reflection of the electronic flash in the retina. It can be reduced when the surrounding of the subjects are brightened, shooting distance is shortened or by employing the red-eye reduction flash feature.

Red-Eye Reduction Function

To reduce the red-eye phenomenon in the picture, use this function. With this function used, the flash discharges two consecutive times to reduce the appearance of the red-eye effect.

AUTO EXPOSURE MODE

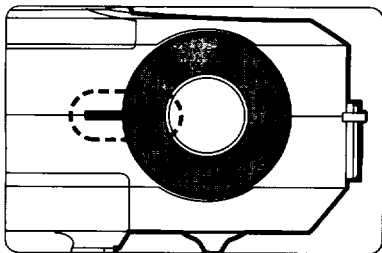


Auto exposure mode without red-eye reduction function

In low light or backlit conditions, the flash is discharged automatically.



Set the mode dial to (**AUTO**).

- In this mode, the flash is discharged but the red-eye reduction does not operate.
- See page 35 for the flash effective ranges.



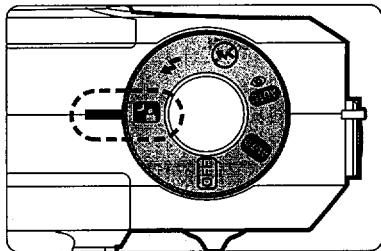
Auto exposure mode with red-eye reduction function

In low light or backlit conditions, the flash is discharged automatically.

Set the mode dial to ().
() appears on the LCD panel.

- In this mode, the red-eye reduction function always operate.
- See page 35 for the red-eye reduction function.



Slow-Speed-Sync Shooting (Flash-On)



It is possible to photograph subjects and background in a balanced way by using the built-in flash to properly expose the foreground subject and a slow -speed to expose the low light background.

- When shooting in low light, the shutter speed gets slower. Use of a tripod is recommended.

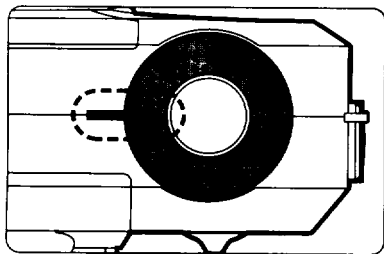
Set the mode dial to ().

The () and () are appeared on the LCD panel.

- In this mode, the red-eye reduction function always operates.
- Make sure that you are within the flash- effective range even when you use the built-in flash as a fill-in flash in daylight. See page 35.



DAYLIGHT-SYNC SHOOTING



When a portrait is taken with the subject in a backlight situation, the front of the subject may be cast in shadow. In such a case, use this mode (Flash-ON mode).

This will ensure that a picture is well exposed without any shadow. In this mode, the flash will always discharge. The red-eye reduction does not function.

Set the mode dial to (☂). (☂) appears on the LCD panel.

- See page 35 for the flash-effective range.

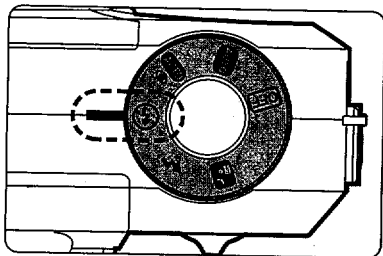


Without Daylight-Sync



With Daylight-Sync

SLOW SHUTTER SPEED (FLASH-OFF)

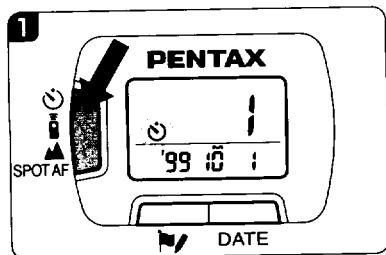


In this mode, the flash does not discharge. Use it in places where the flash photography is prohibited, such as in theaters and museums. Furthermore, this mode is also useful for a natural existing light effect in low ambient photography.

Set the mode dial to (⚡). (⚡) appears on the LCD panel.

- When shooting in low light, use of a tripod is recommended.

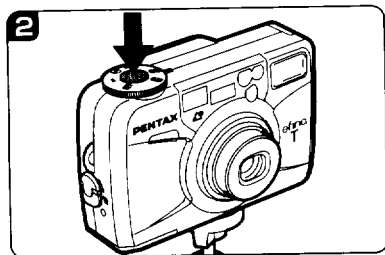
SELF-TIMER PHOTOGRAPHY



Self-Timer

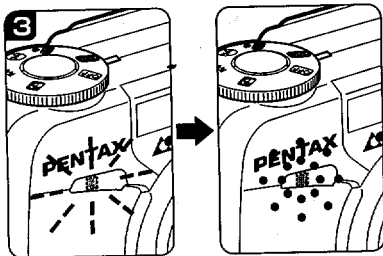
Use the self-timer if you wish to get in the picture.

1 Depress the drive button until (☺) appears on the LCD panel.



2 Focus on the subjects first by depressing the shutter release button halfway and then depress the shutter button fully.

• Use of a tripod is recommended.



3 The shutter will be released in about 10 seconds. When the self-timer is working, the Self Timer symbol (⊙) blinks on the LCD panel, and the Self-Timer lamp blinks 3 seconds before the shutter is released.

How to cancel

To cancel the self-timer at any time after its been activated, depress anyone of the buttons next to the LCD panel.

Notes on the self-timer shooting

- Use of a tripod is recommended.
- Do not stand in front of the camera when depressing the shutter release button; this will cause incorrect focus.
- The self-timer does not function while the flash is being charged.

USING WIRELESS REMOTE CONTROL (OPTIONAL)

If you have purchased the optional wireless remote control, read this section.

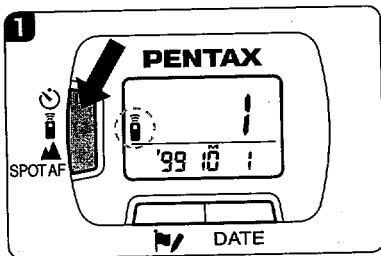
The wireless remote control allows you to trip the shutter at a distance. The shutter will be released in 3 seconds after the shutter release button on the remote control is depressed.




- Use a tripod when shooting with the wireless remote control.
- When the remote control is used to take pictures, the Self-Timer Shooting Mode and the Infinity- Landscape Mode cannot be used.

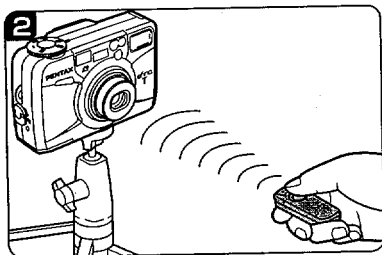
Operating distance of the wireless remote control is up to approx. 4m when used directly in front of the camera.

Remote Control Shooting Mode



1 Depress the camera's drive button each time until () appears on the LCD panel.

- Compose the scene and frame the subject with the AF frame.
- When the camera is set in the Remote Control Shooting Mode and left unused for 5 minutes, the lens automatically retracts to the shortest focal length.



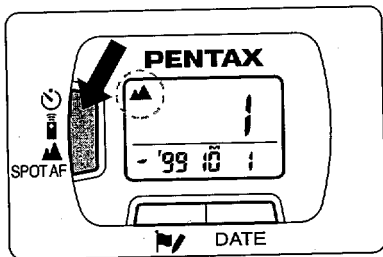
2 Aim the remote control transmitter towards the remote control receiver on the camera, and then depress the shutter release button on the remote control fully to release the shutter.

- The self-timer lamp blinks rapidly for 3 seconds and then the shutter is released.
- Focus cannot be locked when the remote control is in use. The subject framed in the AF frame will be in focus when the remote control's shutter release button is depressed.
- Operating distance of the wireless remote control is up to approx. 4m when used directly in front of the camera.
- The remote control may not work in a backlight situation. In this case, use the camera's shutter release button in the Self-Timer Mode to take pictures.
- The remote control does not work while the flash is being charged.

Battery life on the Remote Control


About 30,000 commands can be issued. If the battery is exhausted, please have it replaced at your local Pentax Service center (there is a charge for this service).

INFINITY-LANDSCAPE SHOOTING



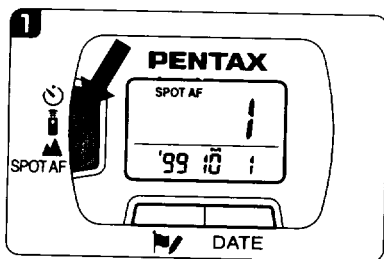
When you wish to take a sharp picture of a distant subject through a window, the Infinity-Landscape Mode allows you to capture distant scenery with clarity.

Depress the drive button until (▲▲) appears on the LCD panel.

- After the picture is taken by fully depressing the shutter release button, this mode is canceled.
- When the mode dial is set to (AUTO) or (AUTO ) , the flash will not discharge even in dark light situations.



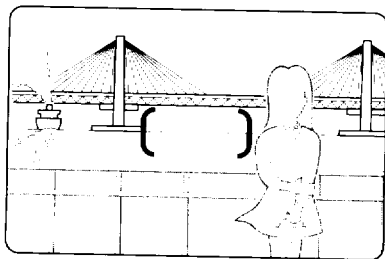
SPOT AF SHOOTING



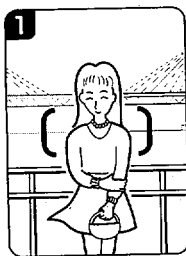
Select the Spot AF Mode to focus a particular spot in the frame.

Depress the drive button so that the [SPOT AF] appears on the LCD panel.

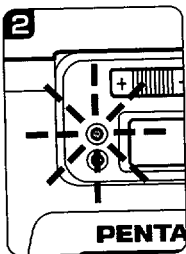
FOCUS-LOCK SHOOTING



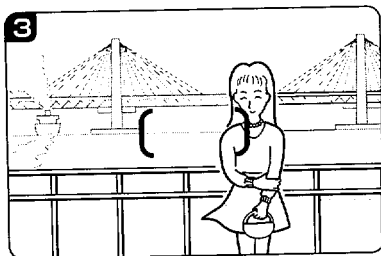
If you shoot without positioning the autofocus frame (()) on the main subject as shown above, only the background will be in focus. When the main subject is off the autofocus frame in the center of the viewfinder, use the focus-lock technique. (Focus lock is the function to lock focus.)



1 Focus on the subject with the autofocus frame (()).



2 When the shutter release button is depressed halfway down, the green lamp lights up and the exposure and focus are temporarily locked.



3 While depressing the shutter release button halfway, re-aim the camera or recompose the picture, then release the shutter.

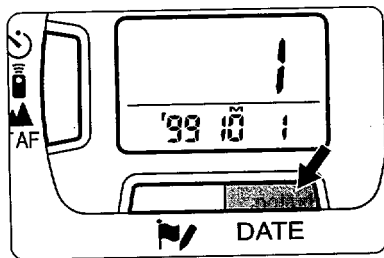
- You can release focus lock simply by lifting your finger from the shutter release button.

HARD-TO-AUTOFOCUS SUBJECTS

The autofocus system is highly precise, but not perfect. Some subjects may not focus as you wish. In such a case, use the focus-lock technique on a subject near the actual one and equidistant from the lens. The subjects which may fool autofocus system include:


- a) Extremely low-contrast subjects such as a white wall or blue sky in the autofocus frame.
- b) Subjects which don't reflect much light in the autofocus frame.
- c) Fast moving subjects.
- d) Subjects with horizontal lines or complex or detailed patterns in the autofocus frame.
- e) Multiple subjects in foreground of the autofocus frame.
- f) Subjects positioned against reflected or strong backlight or with extremely bright background.

DATE AND/OR TIME IMPRINTING

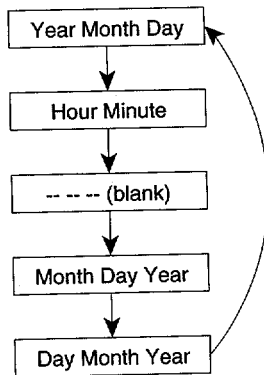


Your camera has an automatic calendar through the year 2030. However, you should set the correct date and time when you first use your camera or if you travel to a different time zone.

Switching the Mode

Set the mode dial to either (AUTO) or (AUTO ) .

Press the DATE button with your finger, the mode on the LCD panel switches as shown in the chart.




Notes:

- If the mode dial is set to OFF, the data cannot be switched.
- The data on the LCD panel is magnetically recorded on the film and is imprinted on a picture at a processing lab.
- The data is imprinted on the back of picture. Some processing labs can imprint the data on the front of picture.
- Imprinting position, character size, and color may vary depending on a processing lab you use. Ask your processing lab for available services.
- Year 2000 will be imprinted [00] on pictures.
- If you are not desire to imprint the data, depress the DATE button until [— — —] appears on the LCD panel.
- The data can also be recorded even if the language number and title number are displayed on the LCD panel. The data can be confirmed by pressing the DATE button.
- "M" on the LCD panel indicates "Month".
- If (M) and data appear on the LCD panel, both title and data can be imprinted at the same time.

CORRECTING THE DATA


Switch the power on.

- 1 Keep depressing the DATE button for 3 seconds, the "Year" digits and () will blink on the LCD panel.**
- 2 Each time the DATE button is depressed, the blinking digits changes in the following manner:**

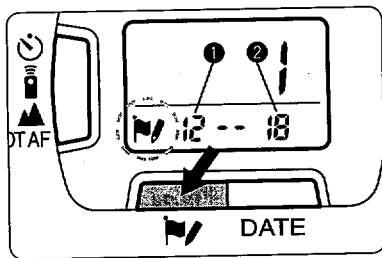
Year - Month - Day - hours - Minutes

Stop depressing the button when desired digits appear.

- 3 Move the zoom lever to the right or left, when you wish to change the blinking digits. The digits increase by one each time the zoom lever moves to the right. The digits decrease by one each time the zoom lever moves to the left. Holding the zoom lever for about one second will change the digits continuously.**
- 4 After the data has been adjusted, depress the DATE button each time until blinking stops.**

- The blinking "minutes" allows precise fine-tuning of the internal clock to the beginning of a specified minute. To do so, when "minutes digits" are blinking, depress the DATE button in sync with a time signal.
- If you release the shutter while the blinking data is being corrected, the data cannot be recorded.
- When the battery is replaced, the time is initialized to 0 00 and no imprinting signs [— — —] are automatically set. Be sure to reset the time after the battery is replaced.
- Soon after the battery is replaced, the correction mode which the blinking date digits and () can be obtained without depressing the DATE button for 3 seconds.
- "Year - Month - Day" and "Hour - Minute" cannot be imprinted at the same time.

IMPRINTING TITLES



- ① Language number
- ② Title number

You can select a title from thirty-one different types and twelve languages and imprint it on your pictures.

Depress the Title/Language selection button until (🚩) appears on the LCD panel. If (🚩) is not displayed on the LCD panel, the title will not be imprinted.

- If (🚩) is displayed on the LCD panel, the title will be imprinted even if the data is displayed on the LCD panel. To confirm the language and title, depress the Title/Language selection button.
- If the language number 7 is set, the title will not be imprinted.
- Upon delivery from the factory, the language number 12 (British English) and title number (18 Congratulations) have been set. See page 61 for selecting the language and title.
- If you select the language and title other than English, see page 67 for the list of available titles.

LIST OF AVAILABLE TITLES

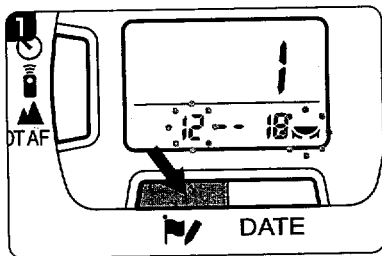
British English language number : 12


American English language number : 13

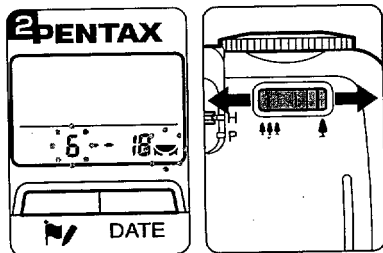
The left figure indicates the language number while the right figure indicates the title number.

12-0 Christmas	12-8 Party	12-15 Thank You	12-23 New Year's
12-1 Birthday	12-9 Holiday	12-16 Season's Greeting	12-24 Easter
12-2 Vacation	12-10 Anniversary of Marriage	12-17 Happy Birthday	12-25 Happy New Year
12-3 Honeymoon	13-10 Anniversary	12-18 Congratulations	12-26 Reunion
12-4 Wedding	12-11 Friend	12-19 Merry Christmas	12-27 Father's day
12-5 Hanukkah	12-12 School Event	12-20 Festival	12-28 Mother's day
12-6 Graduation	12-13 Trip	12-21 First day of School	12-29 Memories
12-7 Family	12-14 I Love You	12-22 Tour	12-30 Baptism

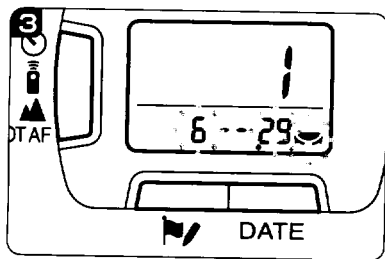
SELECTING THE LANGUAGE AND TITLE



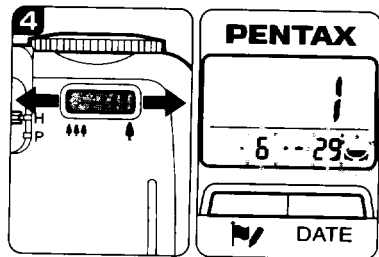
1 Keep depressing the Title/Language selection button with your finger for 2 seconds until the language number and zoom lever () blink on the LCD panel.



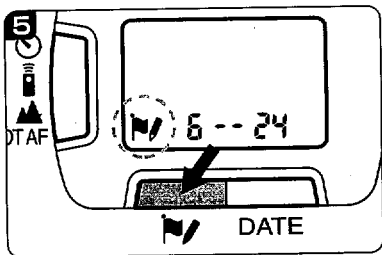
2 Move the zoom lever to the left or right until your desired language number 1 to 13 appear on the LCD panel.



3 Depress the Title/Language selection button again to stop blinking the language number. The title number starts blinking.



4 Move the zoom lever to the left or right until your desired title number 0 to 30 appears on the LCD panel.



5 Depress the Title/Language selection button. (🚩) lights up on the LCD panel. At the same time, the title number stops blinking and zoom lever disappears from the LCD panel.

- The title imprinting mode is canceled and (🚩) disappears from the LCD panel on each frame you take a picture.
- To continuously imprint the title, depress the Title/Language selection button again to appear (🚩) on the LCD panel.

Notes:

- If the mode dial is set to OFF, the title number cannot be changed.
- The title is magnetically recorded on the film and it will be printed on a picture at a processing lab.
- The title is imprinted on the back of picture. Some processing labs can imprint the title on the front of picture. The imprinting position, character size, and color may vary depending on the processing lab you use. Ask your processing lab for available services.

- If (T) and data are displayed on the LCD panel, both title and data can be imprinted at the same time.

How to cancel the title imprinting mode

Set the mode dial to OFF.

(T) will disappear from the LCD panel. The data information is displayed on the LCD panel.

TROUBLESHOOTING

What appears troublesome may be easily remedied. Here are some problems that may occur and their remedies.

Symptoms	Causes and Remedies
1 The shutter cannot be released.	<ul style="list-style-type: none">• Is the power OFF? If so, turn it ON. See page 22.• Is the battery exhausted? Replace it or insert new battery if it is exhausted. See page 19.• Is [] blinking on the LCD panel? If so, the film has been used up. Load a new film. See page 26.
2 My printed pictures don't look very clear.	<ul style="list-style-type: none">• Did you position the autofocus frame on your subject? See page 33.• Did you obstruct the autofocus window with your fingers, hair or other object when you depress the shutter release button? See page 23.• Is the autofocus window dirty? Wipe it off. See page 34.
3 Lens retracts automatically.	<ul style="list-style-type: none">• The lens retracts automatically if the camera is left unused for over 3 minutes. See page 22.• When the camera is ON and left unused for more than 5 minutes in the Remote Control shooting mode, the lens retracts automatically. See page 49.

Symptoms	Causes and Remedies
4 The Remote Control does not operate.	<ul style="list-style-type: none"> • The operable distance of the Remote Control is approx. 4m from the front. See page 50. • The Remote Control may not operate in a backlit situation. See page 50. • The flash is being charged. Wait until it fully charges. See page 50. • Is the battery for the remote control exhausted? See page 50.
5 The flash discharges, though it is not dark.	<ul style="list-style-type: none"> • The flash discharges automatically in a backlit situation. See page 35. • Daylight sync mode has been set. See page 44.
6 The [- -] mark appears.	<ul style="list-style-type: none"> • If the mark disappears when the zoom lever is moved, the camera is ready for use. The camera may be defective if the mark appears often.



The CE mark is a Directive conformity mark of the European Community (EC).

LIST OF AVAILABLE TITLES

Danish

1--0	Jul	1--16	Glædelig Jui og Godt Nyt År!
1--1	Fødselsdag	1--17	Tillykke med dagen!
1--2	Ferie	1--18	Tillykke
1--3	Bryllupsrejse	1--19	Glædelig Jul
1--4	Bryllup	1--20	Festival
1--5	-	1--21	Første skoledag
1--6	Dimission	1--22	På tur
1--7	Familie	1--23	Nytår
1--8	Fest	1--24	Påske
1--9	-Helligdag	1--25	Godt Nytår!
1--10	Årsdag	1--26	Genforening
1--11	Venner	1--27	Farsdag
1--12	Skolebegivenhed	1--28	Morsdag
1--13	Rejse	1--29	Minder
1--14	Jeg elsker dig	1--30	Barnedåb
1--15	Mange tak!		

Finish

2--0	Joulu	2--16	Hyvää joulua ja onnellista uutta vuotta!
2--1	Syntymäpäivä	2--17	Paljon onnea!
2--2	Loma	2--18	Onneksi olkoon
2--3	Kuherruskuukausi	2--19	Hyvää joulua
2--4	Häät	2--20	Juhla
2--5	—	2--21	Ensimmäinen koulupäivä
2--6	Valmistujaiset	2--22	Tutustumismatka
2--7	Perhe	2--23	Uusi vuosi
2--8	Kutsut	2--24	Pääsiäinen
2--9	Juhlapäivä	2--25	Onnellista uutta vuotta!
2--10	Vuospäivä	2--26	Jälleennäkeminen
2--11	Ystävät	2--27	Isänpäivä
2--12	—	2--28	Äitiänpäivä
2--13	Matka	2--29	Muistoja
2--14	Rakastan sinua	2--30	Ristiäiset
2--15	Kiitos		

French

3--0	Noël	3--16	Meilleurs Voeux
3--1	Anniversaire	3--17	Joyeux anniversaire
3--2	Vacances	3--18	Félicitations
3--3	* Lune de miel	3--19	Joyeux Noël
3--4	Mariage	3--20	Festival
3--5	Hanouccah	3--21	Rentrée Scolaire
3--6	Remise des Diplômes	3--22	Tour
3--7	Famille	3--23	Nouvelle Année
3--8	Réception	3--24	Pâques
3--9	Fête	3--25	Bonne Année
3--10	-	3--26	Réunion
3--11	-	3--27	Fête des Pères
3--12	Evenement Scolaire	3--28	Fête des Mères
3--13	Voyage	3--29	Souvenirs
3--14	Je t'aime	3--30	Baptême
3--15	Merci		

German

4--0	Weihnachten	4--16	—
4--1	Geburtstag	4--17	Herzlichen Glückwunsch zum Geburtstag
4--2	Urlaub	4--18	Herzliche Glückwünsche
4--3	Hochzeitsreise	4--19	Fröhliche Weihnachten
4--4	Hochzeit	4--20	Festival
4--5	—	4--21	Erster Schultag
4--6	Abschlußfeier	4--22	Tour
4--7	Familie	4--23	Neujahr
4--8	Party	4--24	Ostern
4--9	Feiertag	4--25	Frohes Neues Jahr
4--10	Jubiläum	4--26	Treffen
4--11	Freunde	4--27	Vatertag
4--12	Schulveranstaltung	4--28	Muttertag
4--13	Reise	4--29	Erinnerungen
4--14	Ich liebe Dich	4--30	Taufe
4--15	Dankeschön		

Italian

5--0	Natale	5--16	Buone Feste
5--1	Compleanno	5--17	Buon Compleanno
5--2	Vacanze	5--18	Congratulazioni
5--3	Luna di miele	5--19	Buon Natale
5--4	Matrimonio	5--20	Festival
5--5	Hanukká	5--21	Primo giorno di scuola
5--6	Laurea	5--22	Tour
5--7	Famiglia	5--23	Capodanno
5--8	Festa	5--24	Pasqua
5--9	Feste	5--25	Felice Anno Nuovo
5--10	Anniversario	5--26	Riunione
5--11	Amici	5--27	Festa del Papà
5--12	Evento Scolastico	5--28	Festa della Mamma
5--13	Viaggio	5--29	Ricordi
5--14	Ti amo	5--30	Battesimo
5--15	Grazie		

Japanese

6--0	クリスマス	6--16	—
6--1	タンジョウビ	6--17	オタンジョウビオメデトウ
6--2	キュウカ	6--18	オメデトウ
6--3	シンコンリョコウ	6--19	メリークリスマス
6--4	ケッコン	6--20	オマツリ
6--5	—	6--21	ニューガク
6--6	ソツギョウ	6--22	リョコウ
6--7	ファミリー	6--23	ショウガツ
6--8	パーティ	6--24	フッカツサイ
6--9	ホリデー	6--25	アケマシテオメデトウ
6--10	キネンビ	6--26	ドウソウカイ
6--11	トモダチ	6--27	チチノヒ
6--12	ガッコウギョウジ	6--28	ハハノヒ
6--13	—	6--29	オモイデ
6--14	アイラブユー	6--30	センレイ
6--15	アリガトウ		

Norwegian

8--0	Jul	8--16	God Jul og Godt Nytt År!
8--1	Fødselsdag	8--17	Gratulerer med fødselsdagen!
8--2	Ferie	8--18	Gratulerer!
8--3	Bryllupsreise	8--19	God Jul
8--4	Bryllup	8--20	Festival
8--5	–	8--21	Første skoledag
8--6	Avangseksamen	8--22	På tur
8--7	Familie	8--23	Nyttår
8--8	Fest	8--24	Påske
8--9	Helligdag	8--25	Godt Nytt År!
8--10	Årsdag	8--26	Gjenforening
8--11	Venner	8--27	Farsdag
8--12	Skolebegivenhet	8--28	Morsdag
8--13	Reise	8--29	Minner
8--14	Jeg elsker deg	8--30	Barnedåp
8--15	Mange takk!		

Portuguese

9--0	Natal	9--16	Boas Festas
9--1	Aniversário	9--17	Feliz Aniversário
9--2	Férias	9--18	Parabéns
9--3	Lua de mel	9--19	Feliz Natal
9--4	Casamento	9--20	Festival
9--5	-	9--21	Primeiro dia de aula
9--6	Formatura	9--22	Excursão
9--7	Família	9--23	Ano Novo
9--8	Festa	9--24	Páscoa
9--9	Feriado	9--25	Feliz Ano Novo
9--10	Aniversário	9--26	Reunião
9--11	Amigos	9--27	Dia dos Pais
9--12	Eventos escolares	9--28	Dia das Mães
9--13	Viagem	9--29	Lembranças
9--14	Eu te amo	9--30	Batizado
9--15	Obrigado		

Spanish

10--0	Navidad	10--16	Felices Pascuas
10--1	Cumpleaños	10--17	Feliz cumpleaños
10--2	Vacaciones	10--18	Felicidades
10--3	Luna de miel	10--19	Feliz Navidad
10--4	Boda	10--20	Festival
10--5	-	10--21	Primer día de colegio
10--6	Graduación	10--22	Tour
10--7	Familia	10--23	Año Nuevo
10--8	Fiesta	10--24	Pascua de Resurrección
10--9	Fiesta	10--25	Feliz Año Nuevo
10--10	Aniversario	10--26	Reencuentro
10--11	Amigos	10--27	Día del Padre
10--12	Acto escolar	10--28	Día del la Madre
10--13	Viaje	10--29	Recuerdos
10--14	Te quiero	10--30	Bautismo
10--15	Gracias		

Swedish

11--0	Jul	11--16	God Jul och Gott Nytt År!
11--1	Födelsedag	11--17	Grattis på födelsedagen
11--2	Semester	11--18	Gratulerar!
11--3	Smekmånad	11--19	God Jul
11--4	Bröllop	11--20	Festival
11--5	–	11--21	Första skoldagen
11--6	Avgångsexamen	11--22	Rundtur
11--7	Familj	11--23	Nyår
11--8	Fest	11--24	Påsk
11--9	Helgdag	11--25	Gott Nytt År!
11--10	Årsdag	11--26	Återförening
11--11	Vänner	11--27	Fars dag
11--12	Skolevenemang	11--28	Mors dag
11--13	Resa	11--29	Minnen
11--14	Jag älskar dig	11--30	Barndop
11--15	Tack så mycket!		

British English

12--0	Christmas	12--16	Season's Greetings
12--1	Birthday	12--17	Happy Birthday
12--2	Vacation	12--18	Congratulations
12--3	Honeymoon	12--19	Merry Christmas
12--4	Wedding	12--20	Festival
12--5	Hanukkah	12--21	First day of School
12--6	Graduation	12--22	Tour
12--7	Family	12--23	New Year's
12--8	Party	12--24	Easter
12--9	Holiday	12--25	Happy New Year
12--10	Anniversary of Marriage	12--26	Reunion
12--11	Friends	12--27	Father's Day
12--12	School Event	12--28	Mother's Day
12--13	Trip	12--29	Memories
12--14	I Love You	12--30	Baptism
12--15	Thank You		

American English



13--0	Christmas	13--16	Season's Greetings
13--1	Birthday	13--17	Happy Birthday
13--2	Vacation	13--18	Congratulations
13--3	Honeymoon	13--19	Merry Christmas
13--4	Wedding	13--20	Festival
13--5	Hanukkah	13--21	First day of School
13--6	Graduation	13--22	Tour
13--7	Family	13--23	New Year's
13--8	Party	13--24	Easter
13--9	Holiday	13--25	Happy New Year
13--10	Anniversary	13--26	Reunion
13--11	Friends	13--27	Father's Day
13--12	School Event	13--28	Mother's Day
13--13	Trip	13--29	Memories
13--14	I Love You	13--30	Baptism
13--15	Thank You		

SPECIFICATIONS

- Type:** X240 fully automatic lens-shutter with built-in zoom lens and auto flash
- Film:** IX240 cartridge film with auto film speed setting ISO rating from 25-10000 (1/3EV step).
- Picture format:** 16.7 x 30.2mm
- Film loading:** One touch drop-in loading. Closing the film chamber cover will automatically wind the film to first exposure.
- Film winding:** Auto film winding (single-frame)
- Film rewinding:** Auto film rewinding at the end of roll. Auto stop upon completion of rewinding.
- Rewinding time:** approx. 30 sec. with 25-exposure film. Rewinding in mid-roll provided.
- Frame number:** Automatic readout of successive frame numbers in ascending order when shooting, and descending order when rewinding.
- Lens:** Pentax power zoom 23 - 69mm f/5.6 - 9.9 lens 6 elements in 5 groups, Angle of view: 76° - 31°
- Focusing system:** Pentax phase-matching passive five-point autofocus system. Autofocusing range: 0.65m (2.1 ft) - infinity, Maximum magnification: approx. 0.11X, Focus lock is provided, Infinity-landscape mode (focus is fixed to infinity)
- Zooming:** Electronic zoom
- Shutter:** Programmed AE electronic shutter with speed, approx. 1/400-2 sec., Bulb: 1/2 sec.-5 min, Electromagnetic release.

- Self-timer:** ————— Electronic lamp indication. Approx. 10 sec., Cancellation after activation is possible.
- Viewfinder:** ————— Actual image zoom viewfinder, Viewfinder area: 83% (H-type format), Magnification: 0.34X (23mm WIDE) - 1.04X(69mm TELE), Diopter adjustment : -2.5 to +1, Five-point AF frame, Spot AF frame, Close distance compensation frame, Green lamp lighting: in-focus signal, Green lamp blinking: When subject is too close and/or hard-to-autofocus subject, Red lamp lighting: Flash-ready status, Red lamp blinking: Flash being charged.
- Exposure control:** ————— Programmed auto-exposure control with multi (2) metering system, Range: EV9 - EV17 at 23mm, EV13 - EV20 at 69mm in Auto or Daylight-Sync Mode (ISO 400), EV8 - EV16 at 23mm EV6 - EV20 at 69mm in Slow-Shutter-Speed Mode (ISO 400), Automatic exposure compensation in a backlit situation.
- Flash:** ————— Built-in flash with red-eye reduction mode, Automatic discharge in low lighting and backlighting situations in auto mode, Flash ON=Day-light Sync/Slow-Shutter- Speed Sync (up to 1/3 sec.), Flash-OFF Mode, Bulb- Sync 1/2 sec. - 5min.
- Flash effective range:** — 0.65 - 5.1m (23mm), 0.65 - 2.9m (69mm) (ISO 400 film used).
- Flash recycling time:** — Approx. 5 sec. under Pentax testing conditions.
- Power source:** ————— One 3V lithium battery (CR-2 or the equivalent)

Battery life: ————— Approx. 10 rolls of 25 exposure film when 50% of shooting uses flash (under Pentax testing conditions).

Battery exhaustion ——— () appears on the LCD panel, Shutter is locked when () is blinking.
warning:

Imprinting function: ——— Crystal quartz controlled, LCD with digital clock, auto calendar up to 2030. Magnetic recording on the film. "Year, Month and Day", "Day, Hour and Minutes", " — — — blank", "Month, Day and Year" or "Day, Month and Year". 31 titles and 12 languages are possible to imprint.

Size & Weight: ————— 94.5(W) x 59.5(H) x 31.5(D)mm (3.7" x 2.3" x 1.2"), 195g(6.9.oz) without battery

REMOTE CONTROL (optional)

Infrared wireless remote control, 3-seconds delay shutter release, Effective range: Closer than 4m when projected from the camera's front.

Power source for ————— One lithium battery CR1620 (replaced by Pentax Service facility)

Remote control:

Size & weight for ————— 22.0(W) x50.0(L) x9.5(D)mm (0.9" x2.0" x0.4"), 9g(0.3oz) including

Remote Control: battery

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

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 herein before provided. No refunds will be made on repairs performed 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 are to be borne by the sender. To prove the date of your purchase when required, please keep the receipts 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 manufacture'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.

The local warranty policies available from Pentax distributors in some countries can supersede this warranty policy. Therefore, we recommend that you review the warranty card supplied with your product at the time of purchase, or contact the PENTAX distributor in your country for more information and to receive a copy of the warranty policy.

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 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.

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

Cet appareil numérique de la class B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.



Asahi Optical Co., Ltd. 11-1 Nagata-cho 1-chome, Chiyoda-ku, Tokyo 100-0014, JAPAN (Internet://www.pentax.com/)

Pentax Europe n.v. Weiveldlaan 3-5, 1930 Zaventem, BELGIUM (Internet://www.pentaxeuropa.com/)

Pentax GmbH. Julius-Vosseler-Strasse, 104, D-22527 Hamburg, GERMANY (Internet://www.pentax.de/)

Pentax U.K. Limited Pentax House, Heron Drive, Langley, Slough Berks SL3 8PN, U.K.

Pentax FRANCE S.A. 12/14, rue Jean Poulmarch, 95100 Argenteuil Cedex, FRANCE

Pentax Benelux B.V. (for Netherlands) Spinveld 25, 4815 HR Breda, NETHERLANDS

(for Belgium & Luxemburg) Weiveldlaan 3-5, 1930 Zaventem, BELGIUM

Pentax (Schweis) AG Industriestrasse 2, 8305 Dietlikon, SWITZERLAND

Pentax Scandinavia AB P.O. Box 650, 75127 Uppsala, SWEDEN

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

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