

# PENTAX



SLR Digital Camera

# *K20D* Quick Guide



Thank you for purchasing this PENTAX *K20D* Digital Camera.

When you use this camera for the first time, it is recommended you read this Quick Guide first in order to gain a feel for the basic operation of the camera. Refer to the separately supplied "Operating Manual" for further explanation of function and advanced operations of the camera, and refer to the separately supplied "PENTAX PHOTO Browser 3/PENTAX PHOTO Laboratory 3 Operating Manual" and "PENTAX REMOTE Assistant 3 Operating Manual" for an explanation of how to connect the camera to your PC.



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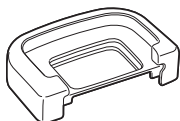
# Check Before Starting

## Checking the Contents of the Package

The following accessories are packaged with your camera.  
Check that all accessories are included.



Hot shoe cover F $\kappa$   
(Installed on camera)



Eyecup F $\rho$   
(Installed on camera)



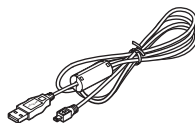
ME Viewfinder cap



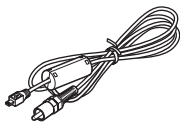
Sync socket 2P cap  
(Installed on camera)



Body mount cover  
(Installed on camera)



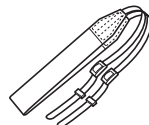
USB cable  
I-USB17



Video cable  
I-VC28



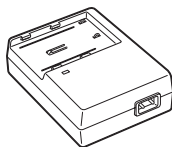
Software (CD-ROM)  
S-SW74, S-SW75



Strap  
O-ST53



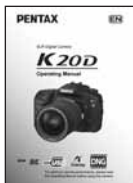
Rechargeable lithium-ion  
D-LI50 battery



Battery charger  
D-BC50



AC plug cord



Operating Manual



Quick Guide  
(this manual)



PENTAX PHOTO Browser 3/  
PENTAX PHOTO Laboratory  
3 Operating Manual

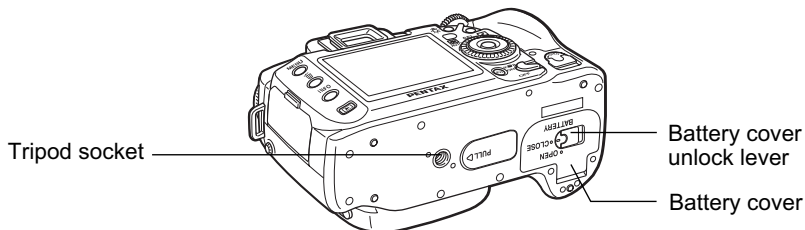
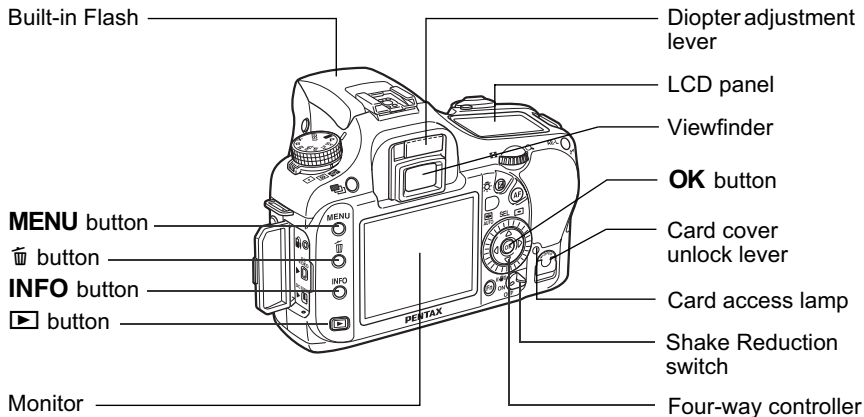
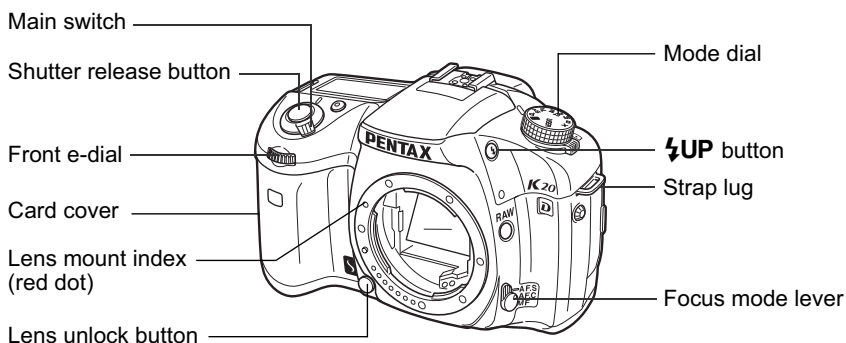


PENTAX REMOTE  
Assistant 3  
Operating Manual

# Names of Working Parts

Check the names of the working parts on the camera used for basic recording and playing back operations.

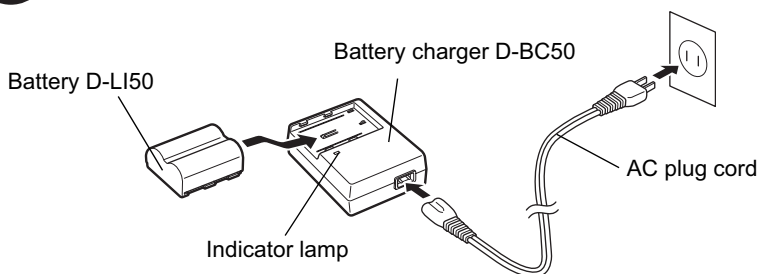
In this page, only the names of the working parts that appear in this Quick Guide are introduced. For further explanation about the names and functions of the working parts, refer to the Operating Manual (p.17 - 21).



# Getting Started

Before turning the camera on and starting to shoot, You need to prepare the camera for use.

## 7 Charging the Battery



- 1 **Connect the AC plug cord to the battery charger.**
- 2 **Plug the AC plug cord into the power outlet.**
- 3 **Face the ▲ mark on the exclusive battery up and insert it into the battery charger.**

The indicator lamp is lit red during charging.

The indicator lamp turns off when the battery is fully charged.

- 4 **When the battery is fully charged, remove the battery from the battery charger.**



- Do not use the provided battery charger to charge batteries other than rechargeable lithium-ion battery D-LI50. Charging other batteries may cause damage or overheating.
- If the battery is correctly oriented and inserted into the battery charger but the indicator lamp is not lit, the battery is faulty. Install a new battery in the camera.



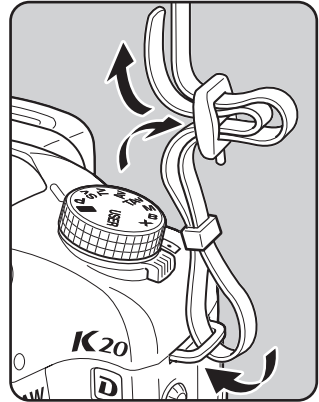
- The maximum charging time is approximately 180 minutes. Charge in a location where the temperature is between 0°C and 40°C. (Charge time depends on temperature and remaining battery power.)
- If usage time is reduced even when properly charged, the battery has reached the end of its usage span. Install a new battery in the camera.

For further information and precautions for the battery, refer to the Operating Manual (p.2 - 3 and p.35 - 39).

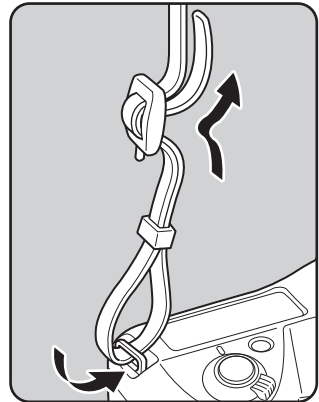
## 2 Attaching the Strap

Attach the supplied strap O-ST53 before shooting to prevent the camera being dropped.

- 1 Pass the end of the strap through the strap lug, then secure it on the inside of the clasp.



- 2 Pass the other end of the strap through the other strap lug on the camera, then secure it on the inside of the clasp.

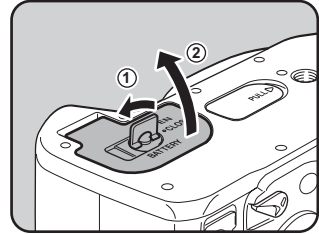


### 3 Inserting the Battery

For further information and precautions for the battery, refer to the Operating Manual (p.2 - 3 and p.35 - 39).

#### 1 Open the battery cover.

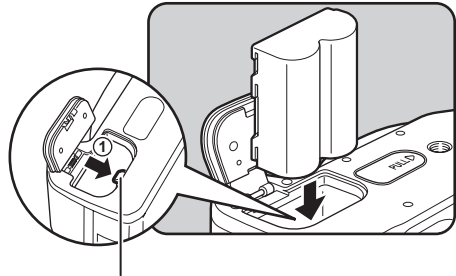
Lift the battery cover unlock lever, turn towards OPEN (①) to unlock, and then pull the cover open (②).



#### 2 Face the ▲ mark on the battery towards the monitor, push the battery lock lever in the direction of the arrow (1) and insert the battery.

Insert until the battery locks.

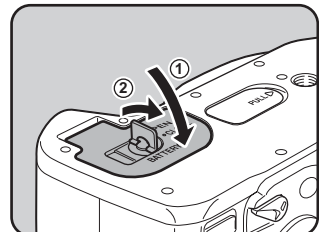
To remove the battery, push the battery lock lever in the direction of the arrow (1) with your hand. The battery pops out slightly. Remove it.



Battery lock lever

#### 3 Close the battery cover (1) and turn the battery cover unlock lever towards CLOSE (2) to lock.

Stow the battery cover unlock lever when finished closing.



## 4 Inserting the SD Memory Card

This camera uses either an SD Memory Card or an SDHC Memory Card. (Both cards are referred to as SD Memory Cards hereafter.)

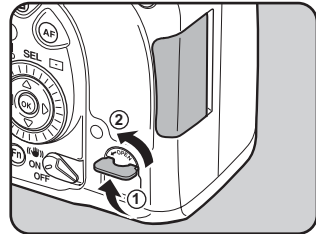


Make sure the camera is turned off before inserting or removing the SD Memory Card (market product).

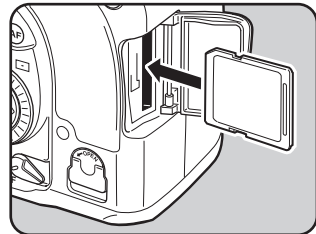
For further information and precautions for the SD Memory Card, refer to the Operating Manual (p.40 - 41).

- 1 **Lift the card cover unlock lever (1) and turn it towards OPEN (2).**

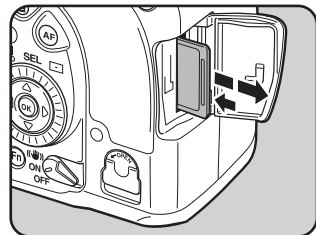
The card cover opens.



- 2 **Insert the card all the way with the SD Memory Card label toward the monitor.**



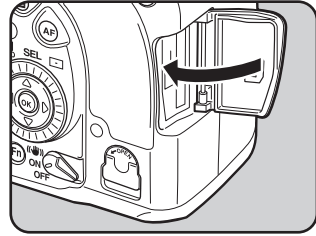
To remove the SD Memory Card, push it in once.



### 3 Close the card cover.



Be sure to fully close the card cover. The camera will not turn on if the card cover is open.



## 5 Attaching the Lens

It is recommended to use the DA, D FA, FA J or other lenses with an Aperture **A** (Auto) position.



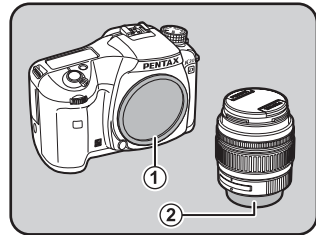
- Turn the camera off before attaching or removing the lens to prevent unexpected lens movement.
- We assume no responsibility nor liability for accidents, damages and malfunctions resulting from the use of lenses made by other manufacturers.

For further information and precautions on selecting the lens or attaching or removing the lens, refer to the Operating Manual (p.50 - 51 and 249 - 251).

**1 Check that the camera is turned off.**

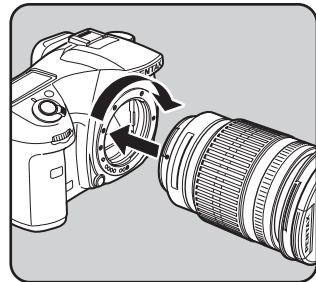
**2 Remove the body mount cover (①) and lens mount cover (②).**

Be sure to put the lens down with the lens mount side facing upward to protect the lens mount from damage after removal.

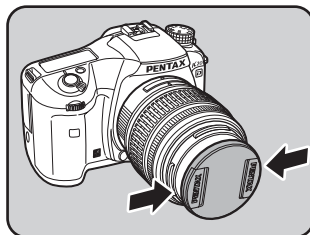


**3 Align the Lens mount index (red dots) on the camera and the lens, and secure by turning the lens clockwise until it clicks.**

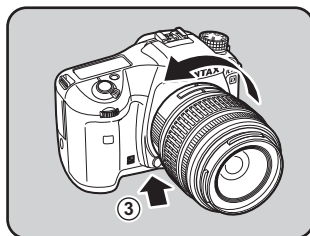
After attaching, turn the lens counterclockwise to check that the lens is locked in place.



- 4** Remove the front lens cap by pushing the indicated portions inward.



To detach the lens, hold down the lens unlock button (3) and turn the lens counterclockwise.

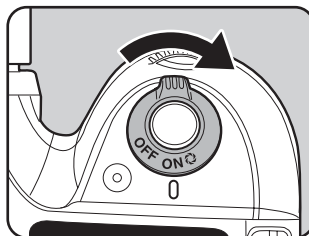


## **6** Turning the Camera On

- 1** Move the main switch to [ON] position.

The camera will turn on.

Move the main switch to [OFF] position to turn off the camera.



# 7 Initial Settings

## Setting the Display Language

You can choose the language in which the menus, error messages, etc. are displayed from the following: English, French, German, Spanish, Portuguese, Italian, Dutch, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkish, Russian, Korean, Chinese (traditional/simplified) and Japanese.

- 1 Use the four-way controller (▲▼◀▶) to select the desired language.**

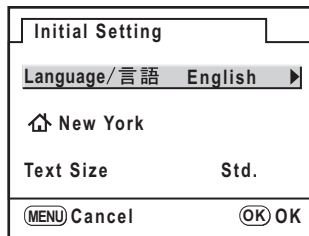
The default setting is English.



- 2 Press the OK button.**

The [Initial Setting] screen for the selected language appears.

Press the four-way controller (▼) twice and proceed to Step 9 if [Hometown] does not have to be adjusted.



- 3 Press the four-way controller (▼).**

The cursor moves to 🏠.

- 4 Press the four-way controller (▶) and use the four-way controller (◀▶) to select the city.**

- 5 Press the four-way controller (▼).**

The cursor moves to DST (daylight saving time).

- 6 Use the four-way controller (◀▶) to select  (On) or  (Off).**

- 7 Press the OK button.**

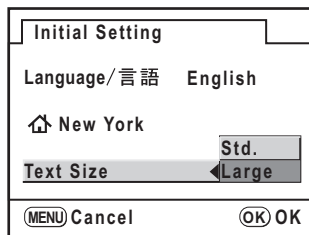
The camera returns to the [Initial Setting] screen.

- 8 Press the four-way controller (▼).**

The cursor moves to [Text Size].

- 9 Press the four-way controller (▶) and use the four-way controller (▲▼) to select [Std.] or [Large].

Selecting [Large] magnifies the selected menu item.



- 10 Press the OK button twice.

The screen for setting the date and time will be displayed.



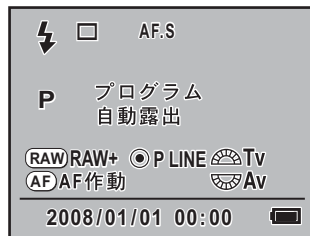
## When an Incorrect Language is Set

When you mistakenly select a language in the [Language/言語] screen, you can perform the following operations to set the correct language.

- 1 Press the MENU button once or twice to display the guides on the monitor.

The screen shown on the right is an example of the guides displayed. The displayed screen will vary depending on the selected language.

The guides appear on the monitor for 3 seconds. (Capture mode)



- 2 Press the MENU button once.

📷 is displayed in the upper tab. ([📷 Rec. Mode] menu)

- 3 Press the four-way controller (▶) twice.

🔧 is displayed in the upper tab. ([🔧 Set-up] menu)

- 4 Use the four-way controller (▼) to select [Language/言語] in the bottom row.

- 5 Press the four-way controller (▶).

The [Language/言語] screen appears.

- 6 Use the four-way controller (▲▼◀▶) to select the desired language and press the OK button.

The [🔧 Set-up] menu for the selected language appears.

Refer to the following pages on the Operating Manual and set the desired city for [Hometown] and the current date and time as necessary.

- To change Hometown: "Setting the World Time" (p.221)
- To change date and time: "Changing the Date and Time and the Display Style" (p.220)

## Setting the Date and Time

Set the current date and time and the display style.

- 1 Press the four-way controller (▶).**

The frame moves to [mm/dd/yy].

Date Adjust	
Date Style	mm/dd/yy 24h
Date	01 / 01 / 2008
Time	00 : 00
[MENU] Cancel [OK] OK	

- 2 Use the four-way controller (▲ ▼) to choose the date style.**

- 3 Press the four-way controller (▶).**

The frame moves to [24h].

Date Adjust	
Date Style	mm/dd/yy 24h
Date	01 / 01 / 2008
Time	00 : 00
[MENU] Cancel [OK] OK	

- 4 Use the four-way controller (▲ ▼) to select 24h (24-hour display) or 12h (12-hour display).**

- 5 Press the four-way controller (▶).**

The frame returns to [Date Style].

- 6 Press the four-way controller (▼).**

The frame moves to [Date].

**7 Press the four-way controller (▶).**

The frame moves to the month.

Date Adjust	
Date Style	mm/dd/yy 24h
Date	01 / 01 / 2008
Time	00 : 00
MENU Cancel      OK OK	

**8 Use the four-way controller (▲ ▼) to set the month.**

Set the day and year in the same manner.

Next, set the time.

If you select [12h] in Step 4, the setting switches between am and pm depending on the time.

**9 Press the OK button.**

The camera is ready to take a picture. If you set the date and time with the menu operations, the screen will return to the [🔍 Set-up] menu. Press the **OK** button again.



When you finish the settings and press the **OK** button, the camera clock is reset to 00 seconds. To set the exact time, press the **OK** button when the time signal (on the TV, radio, etc.) reaches 00 seconds.

For further information on how to change the language and date/time, refer to the Operating Manual (p.220, 224).

## 8 Formatting the SD Memory Card

Use this camera to format (initialize) an SD Memory Card that is unused or has been used on other cameras or digital devices.

Formatting will delete all the data on the SD Memory Card.

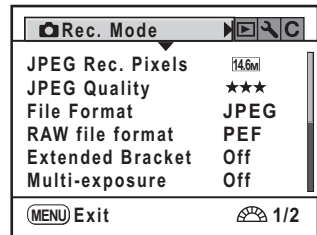
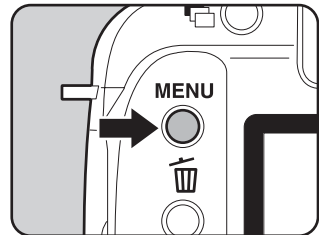


- Do not open the card cover while formatting SD Memory Card. The card may be damaged beyond use.
- Formatting will delete all data, either protected or unprotected. Be aware.

For further information and precautions for the SD Memory Card, refer to the Operating Manual (p.40 - 41).

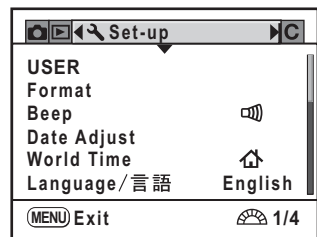
### 1 Press the MENU button in Capture mode.

The [📷 Rec. Mode] menu appears on the monitor.

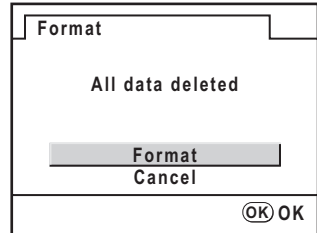


### 2 Press the four-way controller (▶) twice.

The [🔍 Set-up] menu appears.

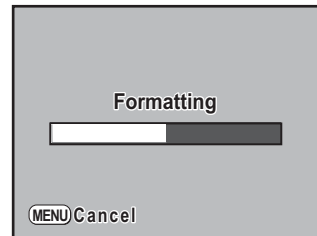


- 3 Use the four-way controller (▲▼) to select [Format].
- 4 Use the four-way controller (▶) to display the Format screen.
- 5 Use the four-way controller (▲▼) to select [Format].



- 6 Press the **OK** button.

Formatting starts. When formatting is completed, the monitor turns off and the camera is ready to take pictures.



## 9 Adjusting the Viewfinder Diopter

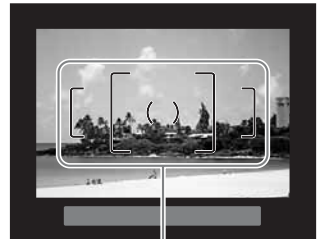
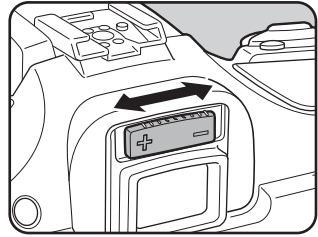
Adjust the viewfinder to suit your eyesight.

If it is difficult to see the viewfinder image clearly, slide the diopter adjustment lever sideways.

You can adjust the diopter from approximately  $-2.5\text{m}^{-1}$  to  $+1.5\text{m}^{-1}$ .

- 1 **Look through the viewfinder and point the camera at a white wall or other bright and consistent surface. Slide the diopter adjustment lever left or right.**

Adjust the lever until the AF frame in the viewfinder is focused.

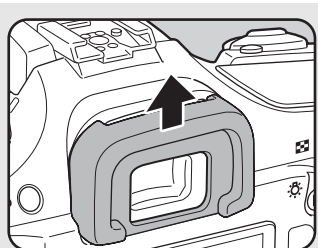


AF frame



The FP Eyecup is attached to the viewfinder portion when camera leaves the factory. Diopter adjustment is available with the FP Eyecup attached. However, adjustment is easier with the eyecup removed. To remove the FP Eyecup, press in one side and pull it out in the direction of the arrow.

To attach the FP Eyecup, align it with the groove on the viewfinder eyepiece and push it into position.

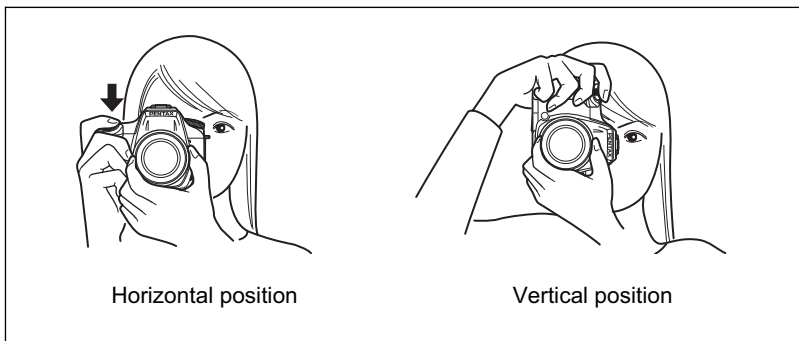


# Taking Pictures

## 7 Holding the Camera

How you hold the camera is important when taking pictures.

- Hold the camera firmly with both hands.
- Press the shutter release button gently when taking a picture.





- To reduce camera shake, support your body or the camera on a solid object such as a table, tree, or wall.
- Use a tripod or the Shake Reduction function (p.27) to prevent camera shake. However, do not use the Shake Reduction function when using a tripod.


## 2 Letting the Camera Choose the Optimal Settings

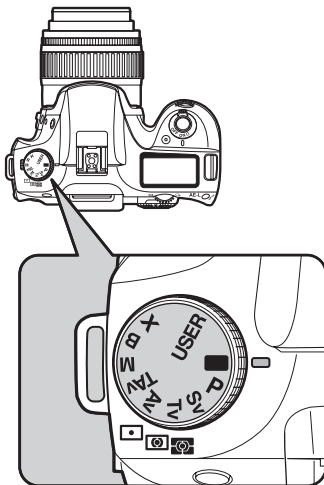
This section explains how to take pictures by simply pressing the shutter release button.

The **K20D** features various Capture modes, Focus modes, and Drive modes to let you create images that express your photographic vision. For further information about various shooting methods of **K20D**, refer to the Operating Manual (p.71 - 133).

### 1 Set the mode dial to .

The Exposure mode changes to  (Green) mode. In , proper exposure is determined by the camera and the shutter speed and aperture are automatically set.

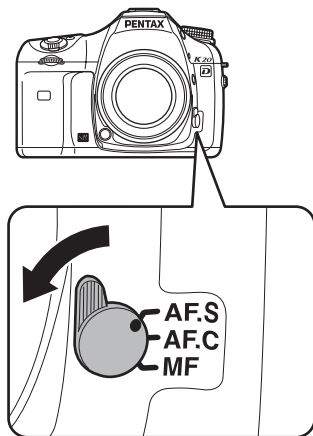
For further information about  (Green) mode, refer to the Operating Manual (p.83).



### 2 Set the focus mode lever to **A.F.S.**

The Focus mode changes to **A.F.S.** (Autofocus/Single) mode. In **A.F.S.**, the lens automatically focuses when the shutter release button is pressed halfway. When the image is focused, the shutter can be released.

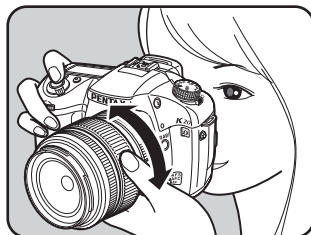
For further information about focusing methods, refer to the Operating Manual (p.104).




### 3 Look through the viewfinder to view the subject.



A zoom lens can be used to change the size of the subject in the viewfinder.

☞ Using a Zoom Lens (p.25)



### 4 Position the subject inside the AF frame and press the shutter release button halfway.

The focus indicator  appears in the viewfinder when the subject comes into focus.

The flash does not pop up automatically. If the flash is necessary, the flash status  blinks. Press the  (p.26) to pop up the flash manually.

☞ Operating the shutter release button (p.23)

☞ Subjects that are Difficult to Focus on (p.24)

☞ Using the Built-in Flash (p.26)



Flash status

Focus indicator

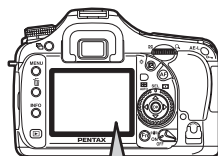
### 5 Press the shutter release button fully.

The picture is taken.



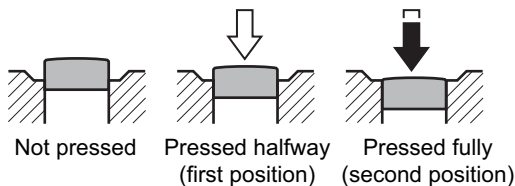
## 6 Review the captured image on the monitor.

The captured image appears for 1 second on the monitor (Instant Review).



### Operating the shutter release button

The shutter release button has two working positions.



Pressing it down halfway (first position) turns on the viewfinder and LCD panel indicators and the autofocus system operates. Pressing it fully (second position) takes the picture.



- Press the shutter release button gently when taking a picture to prevent camera shake.
- Practice pressing the shutter release button halfway to learn where the first position is.




## Subjects that are Difficult to Focus on

The autofocus mechanism is not perfect. Focusing may be difficult when taking pictures under the following conditions ((a) to (f) below).

- (a) Extremely low-contrast subjects such as a white wall in the focusing area.
- (b) Subjects which do not reflect much light within the focusing area.
- (c) Fast moving objects.
- (d) Strongly reflected light or strong backlighting (bright background).
- (e) If repeating vertical or horizontal line patterns appear within the focusing area.
- (f) Multiple subjects in the foreground and background within the focusing area.



Your subject may not be focused even when  (focus indicator) is displayed when (f) above applies.

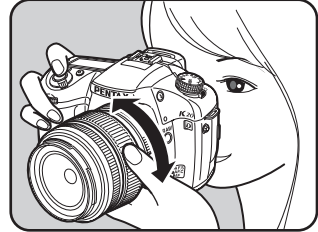
For further information on how to adjust the focus manually, refer to the Operating Manual (p.110 - 112).

### 3 Using a Zoom Lens

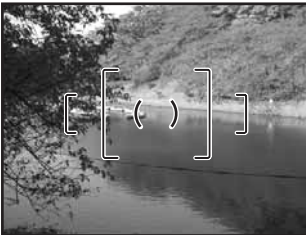
Enlarge the subject (telephoto) or capture a wider area (wide angle) with a zoom lens. Adjust it to the desired size and take the picture.

#### 1 Turn the zoom ring to the right or left.

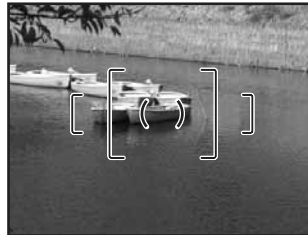
Turn the zoom ring clockwise for telephoto and counterclockwise for wide angle.



- The smaller the number of the displayed focal length, the wider the angle. The larger the number, the more magnified the image appears.
- Power Zoom (Auto Zoom) is available if a Power Zoom compatible FA lens is used with this camera.



Wide Angle



Telephoto



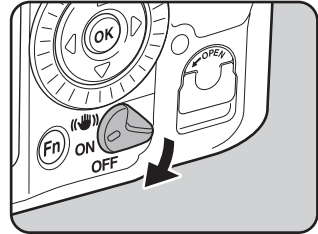
## 5 Taking Pictures Using the Shake Reduction Function

The Shake Reduction function reduces camera shake that occurs when the shutter release button is pressed.

For further information about the Shake Reduction function, refer to the Operating Manual (p.65 - 67).

### 1 Turn on the Shake Reduction switch.

When the shutter release button is pressed halfway, (👉) appears in the viewfinder and the Shake Reduction function turns on.



Be sure to turn off the Shake Reduction switch when using the camera with a tripod.

# Playing Back Still Pictures

After you enjoy shooting, you can play back the pictures taken on the camera.

## 7 Playing Back Images

You can play back captured still pictures with the camera.



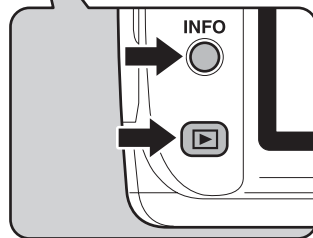
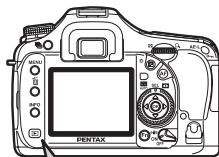
Use the included "PENTAX PHOTO Browser 3" software to play back using a PC. Refer to the "PENTAX PHOTO Browser 3/PENTAX PHOTO Laboratory 3 Operating Manual" for details.

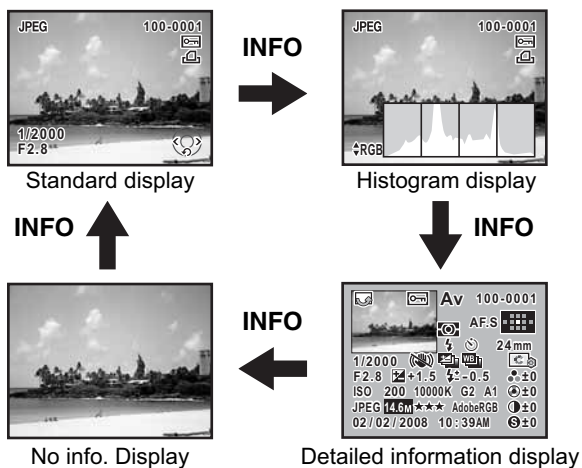
### 1 Press the button after taking a picture.

The most recently captured image (image with the largest file number) is displayed on the monitor.

Press the **INFO** button during playback to display information such as the image data for the displayed image.

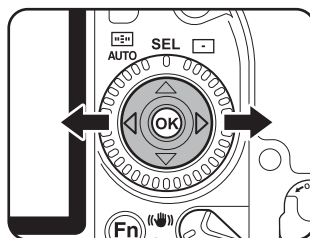
Refer to the next page for display information details.





## 2 Press the four-way controller (◀▶).

- ◀ : The previous image appears.
- ▶ : The next image appears.



You can display the next or previous image by turning the front e-dial.

- Refer to “Playback Functions” (p.169 - 191) for playback mode details.
- You can process pictures taken with the camera. For further information, refer to the Operating Manual (p.193 - 201).

## 2 Deleting Images

You can delete one image at a time.

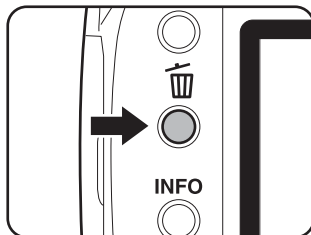


- Deleted images cannot be restored.
- Protected images cannot be deleted.

1 Press the button and use the four-way controller (◀▶) to select an image to delete.

2 Press the button.

The Delete screen appears.



3 Use the four-way controller (▲▼) to select [Delete].

Select the file format to delete for images saved in RAW+ format.

Delete JPEG	Deletes only the JPEG image.
Delete RAW	Deletes only the RAW image.
Delete RAW+JPEG	Deletes both file formats.



4 Press the **OK** button.

The image is deleted.

**MEMO**

<b>PENTAX Corporation</b>	2-36-9, Maeno-cho, Itabashi-ku, Tokyo 174-8639, JAPAN ( <a href="http://www.pentax.co.jp/">http://www.pentax.co.jp/</a> )
<b>PENTAX Europe GmbH (European Headquarters)</b>	Julius-Vosseler-Strasse 104, 22527 Hamburg, GERMANY (HQ - <a href="http://www.pentaxeurope.com">http://www.pentaxeurope.com</a> ) (Germany - <a href="http://www.pentax.de">http://www.pentax.de</a> )
<b>PENTAX U.K. Limited</b>	PENTAX House, Heron Drive, Langley, Slough, Berks SL3 8PN, U.K. ( <a href="http://www.pentax.co.uk">http://www.pentax.co.uk</a> )
<b>PENTAX France S.A.S.</b>	112 Quai de Bezons, B.P. 204 95106 Argenteuil Cedex, FRANCE ( <a href="http://www.pentax.fr">http://www.pentax.fr</a> )
<b>PENTAX Italia S.r.l.</b>	Via Dione Cassio 15, 20138 Milano, ITALY ( <a href="http://www.pentaxitalia.it">http://www.pentaxitalia.it</a> )
<b>PENTAX (Schweiz) AG</b>	Widenholzstrasse 1, 8304 Wallisellen, Postfach 367, 8305 Dietlikon, SWITZERLAND ( <a href="http://www.pentax.ch">http://www.pentax.ch</a> )
<b>PENTAX Scandinavia AB</b>	P.O. Box 650, 75127 Uppsala, SWEDEN ( <a href="http://www.pentax.se">http://www.pentax.se</a> )
<b>PENTAX Imaging Company</b> <b>A Division of PENTAX of America, Inc.</b>	(Headquarters) 600 12th Street, Suite 300 Golden, Colorado 80401, U.S.A. (PENTAX Service Department) 12000 Zuni Street, Suite 100B Westminster, Colorado 80234, U.S.A. ( <a href="http://www.pentaximaging.com">http://www.pentaximaging.com</a> )
<b>PENTAX Canada Inc.</b>	1770 Argentia Road Mississauga, Ontario L5N 3S7, CANADA ( <a href="http://www.pentax.ca">http://www.pentax.ca</a> )
<b>PENTAX Trading (SHANGHAI) Limited</b>	23D, Jun Yao International Plaza, 789 Zhaojiabang Road, Xu Hui District, Shanghai, 200032 China



<http://www.pentax.co.jp/english>

- Specifications and external dimensions are subject to change without notice.