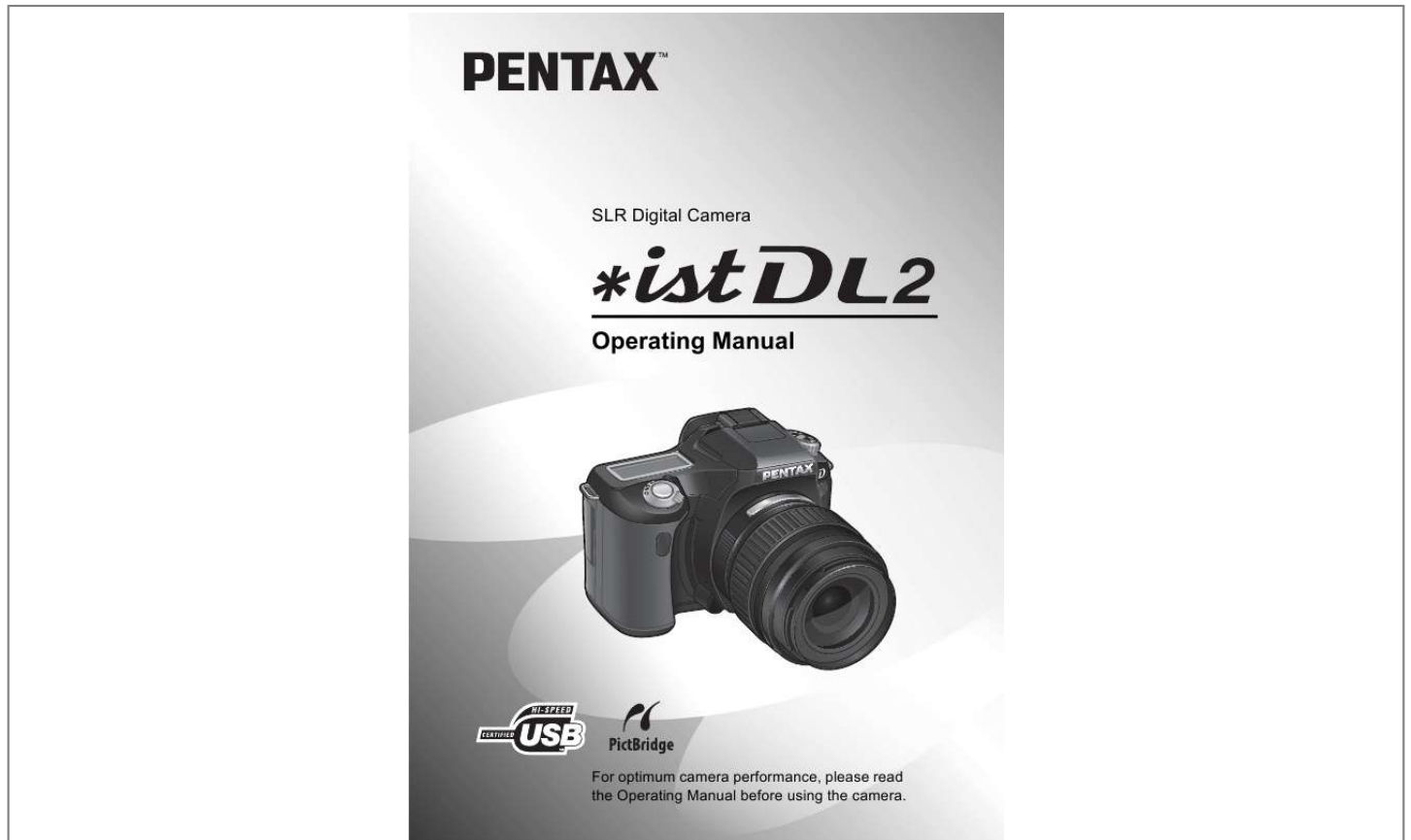




Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for PENTAX IST DL2. You'll find the answers to all your questions on the PENTAX IST DL2 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual PENTAX IST DL2
User guide PENTAX IST DL2
Operating instructions PENTAX IST DL2
Instructions for use PENTAX IST DL2
Instruction manual PENTAX IST DL2



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Manual abstract:

37 and p.184. @@Please take care, as there are even cases where limitations are placed on taking pictures even for personal enjoyment during demonstrations, performances or of items on display. Images taken with the purpose of obtaining copyrights also cannot be used outside the scope of use of the copyright as laid out in the Copyright Act, and care should be taken here also. Regarding trademarks · PENTAX and smc PENTAX are trademarks of PENTAX Corporation. · The SD logo is a trademark. · All other brands or product names are trademarks or registered trademarks of their respective owners. @@@@However, this has no effect on the recorded image. This product supports PRINT Image Matching III. @@Some functions are not available on printers that are not PRINT Image Matching III compliant.

Copyright 2001 Seiko Epson Corporation. All Rights Reserved. PRINT Image Matching is a trademark of Seiko Epson Corporation. The PRINT Image Matching logo is a trademark of Seiko Epson Corporation. Regarding PictBridge PictBridge allows the user to connect the printer and digital camera directly, using the unified standard for the direct printout of images.

You can print images directly from the camera through a few simple operations. · There is a possibility that the illustrations and the display screen of the LCD monitor in this manual are different from the actual product. 1 FOR SAFE USE OF YOUR CAMERA We have paid close attention to the safety of this product. When using this product, we request your special attention regarding items marked with the following symbols. Warning Caution This symbol indicates that violating this item could cause serious personal injury.

This symbol indicates that violating this item could cause minor or medium personal injury, or material loss. ABOUT THE CAMERA Warning · Do not disassemble or modify the camera. High voltage areas are present inside the camera, with the risk of electric shock. · If the camera interior is exposed due to dropping or otherwise damaging the camera, never touch the exposed portion. There is the risk of electric shock. · To avoid the risk of it being swallowed by mistake, keep the SD Memory Card out of the reach of small children. Seek medical attention immediately if a memory card is accidentally swallowed. · Wrapping the strap around your neck is dangerous. Take care that small children do not hang the strap over their necks. · Do not look directly at the sun through the camera with the telephoto lens attached, as viewing the sun may damage your eyes.

Viewing the sun directly with the telephoto lens may lead to a loss of eyesight. · Be sure to store batteries out of the reach of children. Seek medical assistance immediately if a battery is accidentally swallowed. · Always use the AC adapter exclusively developed for this product, with the specified power and voltage. Using an AC adapter not exclusive to this product, or using the exclusive AC adapter with an unspecified power or voltage can cause a fire, electric shock, or camera breakdown. · If any irregularities occur during use, such as smoke or a strange odor, stop use immediately, remove the batteries or the AC adapter, and contact your nearest PENTAX service center. Continued use could cause a fire or electric shock. · During thunderstorms, unplug and discontinue use of the AC adapter. Continued use could cause equipment failure, a fire, or electric shock. 2 Caution · Do not short the batteries or dispose of the batteries in fire.

Do not disassemble the batteries. The batteries could explode or catch fire. · Do not charge any batteries other than rechargeable Ni-MH batteries. The batteries could explode or catch fire. Of the batteries that can be used in this camera, only the Ni-MH batteries can be recharged. · Remove the batteries from the camera immediately if they become hot or begin to smoke. Be careful not to burn yourself during removal. · Some portions of the camera heat up during use. There is the risk of low temperature burns when holding such portions for long periods. · Do not place your finger over or cover the flash with clothing when discharging the flash.

Fingers or clothing may be burned. PRECAUTIONS FOR BATTERY USAGE · Only use specified batteries with this camera. Use of other batteries can cause a fire or explosion. · Replace the batteries at the same time. Do not mix battery brands, type or an old battery with a new one. It may cause explosion or a fire. · The batteries should be inserted correctly with regard to polarity (+ and -) marked on the batteries and the camera. Not inserting batteries correctly may cause explosion or a fire. · AA lithium batteries, AA alkaline batteries and disposable CR-V3 are not rechargeable. Do not disassemble the batteries.

Recharging and disassembling can cause explosion or leakage. Care to be Taken During Handling · Take the Worldwide Service Network that is included in the package. This will be useful if you experience problems abroad. · When the camera has not been used for a long time, confirm that it is still working properly, particularly prior to taking important pictures (such as at a wedding or during traveling). Pictures cannot be guaranteed if recording, playback or transferring your data to a computer, etc. is not possible due to a malfunction of your camera or recording media (SD Memory Card), etc. · Do not clean the product with organic solvents such as thinner or alcohol benzene. · Do not subject to high temperatures or high humidity. Do not leave the camera in a vehicle, as the temperature can get very high. · Do not store the camera with preservatives and chemicals.

Storage in high temperatures and high humidity can cause molding. Remove from case and store in a dry and well-ventilated location. · This camera is not waterproof, and should not be used in the rain or where the camera could get wet. · Do not subject the camera to strong vibrations, shocks, or pressure. Use a cushion to protect the camera from vibrations of motorcycles, automobiles, or ships.

· The temperature range for camera use is 0°C to 40°C (32°F to 104°F). · The LCD display may appear black under high temperatures, but will return to normal as temperatures normalize. · The LCD display may respond more slowly at low temperatures. This is due to liquid crystal properties, and is not a fault. · Periodic inspections are recommended every one to two years to maintain high performance.

· Sudden temperature changes will cause condensation on the inside and outside of the camera. Place the camera in your bag or a plastic bag, removing the camera after temperature of the camera and surroundings are equalized. · Avoid contact with garbage, mud, sand, dust, water, toxic gases, or salts. These could cause a camera breakdown. Wipe dry any rain or water drops on the camera.



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· Refer to "Precautions When Using the SD Memory Card" (p.30) regarding the SD Memory Card. · Use a lens brush to remove dust accumulated on the lens or viewfinder. Never use a spray blower for cleaning as it may damage the lens. · Please do not press forcefully on the LCD monitor.

This could cause breakage or malfunction. Regarding Product Registration In order to better service you, we request that you complete the product registration, which can be found on the CD-ROM supplied with the camera or the PENTAX website. Thank you for your cooperation. Refer to the PENTAX PHOTO Browser 2.1/PENTAX PHOTO Laboratory 2.1 Operating Manual (Windows users: p.10, Mac OS users: p.12) for more information. 3 4 Contents

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206 9 Composition of the Operating Manual This operating manual contains the following chapters. 1 Before Using Your Camera Explains camera characteristics, accessories and the names of various parts. 1 2 3 4 5 6 2 Getting Started Explains your first steps from purchasing the camera to taking pictures. Be sure to read it and follow the instructions. 3 Basic Operations Explains the procedures for taking, playing back, and printing still pictures. Read it to learn all of the basic operations about capturing, playing back, and printing. 4 Menu Reference Explains the functions of F by buttons and menus. 5 Function Reference Introduces functions to further enhance your F experience. 6 Appendix Explains troubleshooting, introduces optional accessories and provides various resources. The symbols used in this operating manual are explained below.

1 Shows reference page number explaining a related operation. Shows useful information. Shows precautions to take when operating the camera. 10 Memo 1 Before Using Your Camera Check the package contents and names of working parts before use. F Camera Characteristics .

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.....14 12 F Camera Characteristics · Features a 23.5×15.7 mm CCD with 6.1 million effective pixels for high precision and a wide dynamic range.

· Uses CR-V3, AA lithium batteries, rechargeable AA Ni-MH batteries or AA alkaline batteries. · Features a large 2.5-inch LCD monitor with 210,000 pixels and a brightness adjusting function for high-precision viewing performance. · Features a Digital Preview function for checking the image to ensure that the desired result is achieved. · A user-friendly design has been implemented in various parts of the camera. The large, high-resolution LCD monitor and easy-to-use menus make the camera easier to operate. The captured area (view angle) will differ between the F and 35 mm SLR cameras even if the same lens is used because the format size for 35 mm film and CCD are different. Sizes for 35 mm film and CCD 35 mm film : 36×24 mm F CCD : 23.5×15.7 mm Angles of view being equal, the focal length of a lens used with a 35 mm camera must be approximately 1.

5 times longer than that of F. To obtain a focal length framing the same area, divide the focal length of the 35 mm lens by 1.5. Example) To capture the same image as a 150 mm lens attached to a 35 mm camera $150 \div 1.5 = 100$ Use a 100 mm lens with the F.

Inversely, multiply the focal length of the lens used with F by 1.5 to determine the focal length for 35 mm cameras. Example) If 300 mm lens is used with F $300 \times 1.5 = 450$ Focal length is equivalent to 450 mm lens on a 35 mm camera. 1 Before Using Your Camera Checking the Contents of the Package The following accessories are packaged with your camera.

Check that all accessories are included. 13 1 Before Using Your Camera Hot shoe cover FK (Installed on camera) Eyecup FN (Installed on camera) ME Viewfinder cap Body mount cover (Installed on camera) USB cable I-USB17 Video cable I-VC28 Software (CD-ROM) S-SW43 Strap O-ST10 AA Alkaline batteries* (four) Operating Manual (this manual) PENTAX PHOTO Browser 2.1/ PENTAX PHOTO Laboratory 2.1 Operating Manual * The batteries packaged with the camera are for checking the camera's functionality. 14 Names of Working Parts Camera 1 Before Using Your Camera Lens mount index Shutter release button Main switch Mirror AF coupler Focus mode lever Self-Timer lamp/ Remote control receiver Lens unlock button Lens information contacts e-dial L/Z button Four-way controller 3 button 4 button { button Battery cover i button M button Q button Tripod socket 15 K button Mode dial Strap lug Built-in flash Hot shoe mc button LCD panel Diopter adjustment lever Card cover Card cover unlock lever Card access lamp Viewfinder 1 Before Using

Your Camera Cable switch terminal USB/Video terminal DC input terminal Terminal cover LCD monitor 16 LCD Monitor Indications The following indicators appear on the LCD monitor depending on the status of the camera. 1 Before Using Your Camera LCD monitor While Power is On or Operating Mode Dial Guides appear on the LCD monitor for 3 seconds when powered on or setting dial mode. Select Off for [Guide display] in [H Set-up] to not show indicators. (p.101) 1 1 2345 6 AF-S 7 1600 8 Night Scene 01 / 25 / 2006 14 : 25 2 3* 4 5* 6* 7* 8 9* 10 9 10 Flash mode (Active mode appears) (p.51) Drive mode (p.



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104) AE metering (p.131) AF mode (p.124) Focusing area (p.123) White balance (p.114) Sensitivity (p.117) Shooting mode, Scene mode (p.106) World time warning display (p.166) Date and time (p.165) * Indicators 3, 5, 6 and 7 only appear when the setting other than the default setting is selected. 9 only appears when World Time is On.

17 Capture Mode Press the M button in Capture mode to display the capture function settings on the LCD monitor for 15 seconds. Detailed Information Detailed Info Detailed Info 19 2 3 10 4 5 6 13 1 14 15 16 17 18 1 Before Using Your Camera AF-S ISO 800 sRGB 40mm 40 mm 01 / 25 / 2006 14 : 25 9 12 7 8 11 1 2 3 4 5 6 7 8 9 10 AF mode (p.124) Mode dial position (p.106) AE metering (p.131) Flash mode (p. 51) Drive mode (p.104) Auto bracket (p.146) ISO sensitivity (p.117) Image tone (p.110) Quality level (p. 112) Recorded pixels (p.111) 11 12 13 14 15 16 17 18 19* Color space (p.119) White balance (p.114) Date and time (p.165) Focusing area (p.123) Saturation (p.113) Sharpness (p.113) Contrast (p.113) Lens focal length Scene mode (p.47) * Only displayed in Scene mode.

Press the four-way controller (5) to view explanation of set Shooting mode. Explanation of Set Shooting Mode Detailed Info Night Scene Used for night scenes. Use a tripod, etc. to prevent shaking. 18 Playback Mode The camera switches screen displays every time you press the M button during playback. 1 Before Using Your Camera You can change the information initially displayed by pressing the Q button. (p.162) Detailed Information 100-0001 1 2 26 5 3 4 6 10 16 19 23 AF-S 1 / 2000 F2. 8 + 1 . 5EV F2 ISO 800 sRGB 40mm 40 mm 01 / 25 / 2006 14 : 25 7 8 9 11 12 13 14 15 17 18 20 21 22 24 25 1 2 3 4 5 6 7 8 9 10 11 12 13 Captured image Rotate icon (p.

66) Image folder number and file number (p.171, 172) Protect icon (p.79) AF mode (p.124) Focusing area (p.123) Shutter speed (p. 135) Aperture (p.137) EV compensation (p.142) Saturation (p.113) Mode dial position (p.106) AE metering (p. 131) Flash mode (p.51) 14 15 16 17 18 19 20 21 22 23 24 25 26* Drive mode (p.104) Auto bracket (p.146) Sharpness (p.113) ISO sensitivity (p.117) Image tone (p.110) Contrast (p.113) Quality level (p.112) Recorded pixels (p.111) Color space (p.

119) Lens focal length White balance (p.114) Captured date and time (p.165) Scene mode (p.47) * Only displayed in Scene mode. Histogram Display 19 1 2 100-0046 3 1 Before Using Your Camera 4 1 2 3 4 Capture quality (Image file type) Image folder number and file number (p.171, p.172) Protect icon (p.79) Histogram (p.162) - Areas where blooming occurred blink if [Bright Portion] warning is set to On in [Plybk dsply mthd] in the [Q Playback] menu. (p. 162) - Press the four-way controller (23) in the histogram display to move the histogram display position up or down. 20 Viewfinder Indications 2 1 Before Using Your Camera 1 2 3 4 5 6 7 8 9 1 1 3 4 5 6 7 8 9 10 11 12 13 14 AF frame (p.39) Spot metering frame (p.131) Flash status (p.51) Appears when flash is available and blinks when flash is recommended but not set.

ISO sensitivity warning (p.118) Appears when warning value is exceeded. Continuous mode (p.124) Appears when [AF Mode] in the [A Rec. Mode] is set to k (Continuous mode).

Picture mode icon (p.47) Icon for Picture mode in use appears. \ (Moving Object), q (Macro), = (Portrait), U (Normal mode in I), . (Night Scene Portrait), s (Landscape) Focus indicator (p.44) Appears when image is focused. Shutter speed (p.135) Shutter speed when capturing or adjusting (underlined when shutter speed can be adjusted with e-dial). Aperture (p.137) Aperture when capturing or adjusting (underlined when aperture can be adjusted with e-dial). 21 10 EV compensation (p.

142) Appears when EV compensation is available or in use. Blinks slowly when compensating flash output. Blinks quickly when compensating exposure and flash output. Adjusted value appears where number of recordable images is shown. Number of recordable images/EV compensation Show the number of recordable images with current quality and recorded pixel setting. Show the number of continuous shooting recordable images. (p.102) EV compensation value appears when EV compensation is being adjusted. (p.134) The difference with the appropriate exposure value appears if exposure mode is a.

(p.139) Manual focus (p.127) Appears when focus mode is \. Scene mode icon (p.47) Appears when taking pictures in Scene mode. AE lock indicator (p.143) Appears during AE lock. 11 1 Before Using Your Camera 12 13 14 22 LCD Panel Indications The following information appears in the LCD panel on top of the camera. 1 Before Using Your Camera 1 7 2 3 4 5 6 10 1 2 3 Shutter speed (p.135) Aperture (p.

137) Flash mode (p.51) b : Built-in flash is ready (when blinking, flash should be used or incompatible lens is being used) a : Flash off E : Auto discharge > : Red-eye reduction flash on Drive mode (p.104) 9 : Single frame shooting j : Continuous shooting g : Self-Timer shooting h : Remote control shooting 5 8 9 11 6 Focusing area (p.123) No indicator: Wide M : Spot AE metering (p.131) No indicator: Multi-segment metering : Center-weighted metering N : Spot metering Auto bracketing (p.146) White balance (p.114) (Not displayed when set to Auto) Battery level EV compensation (p.142) Number of recordable images/ EV compensation value/PC (Pb) (PC=Personal Computer (mass storage), Pb=PictBridge) M 4 7 8 9 10 11 2 Getting Started This chapter explains your first steps from purchasing the camera to taking pictures. Be sure to read it and follow the instructions. Attaching the Strap .

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24 Inserting the Batteries

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.....25 Inserting/Removing the SD Memory Card

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.32 Initial Settings

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.....33 Attaching the Lens

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.....39 24 Attaching the Strap 1 2 Getting Started Pass the end of the strap through the strap lug, then secure on the inside of the clasp. 2 Pass the other end of the strap through the other strap lug on the camera, then secure on the inside of the clasp. Inserting the Batteries Insert batteries into the camera.

Use two CR-V3 or four AA Ni-MH batteries, AA lithium batteries, or AA alkaline batteries. This camera is packaged with AA alkaline batteries for checking the camera's functionality but some other kinds of batteries are also compatible. Refer to "Batteries" (p.26) for details on compatible batteries and when to use them. · CR-V3, AA lithium batteries and AA alkaline batteries are not rechargeable.

· Do not open the battery cover or remove the batteries while the power is on. · Remove the batteries when you will not use the camera for a long while. The batteries may leak. · If the date and time settings have been reset when you insert new batteries after a long while, follow the procedure for "Setting the Date and Time". (p.

35) · Insert batteries correctly.



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Batteries inserted incorrectly may cause a camera breakdown. Wipe the electrodes of the batteries before inserting. · Replace all the batteries at the same time. Do not mix battery type, brands or an old battery with a new one. 25 2 Getting Started 1 Push and hold the battery cover unlock lever as shown in the illustration (1), and slide the battery cover toward the lens (2), and then flip open. 1 2 2 Insert the batteries according to the +/- indicators in the battery chamber. 26 3 Press down on the batteries with the battery cover (1) and slide it as shown in the illustration (2) to close. 1 2 2 Getting Started · Use the AC adapter (optional) when using the camera for a prolonged period. (p.

28) · Check the battery orientation if the camera does not operate properly after replacing the batteries. Batteries You can use four kinds of batteries with your camera. Battery performance differs by type. Please choose the type that best suits your purpose. CR-V3 AA Ni-MH rechargeable batteries AA lithium batteries The CR-V3 is a long-life battery and is convenient when traveling. These are rechargeable and are economical. A commercially available battery charger that is compatible with the batteries is required. Recommended in cold climates. Provided with the camera. These are easily obtainable when your usual batteries run out but they may not support AA alkaline batteries all the camera functions under certain conditions.

We do not recommend their use except in emergencies and checking the camera's functionality. Oxryde batteries and rechargeable CR-V3 batteries may cause malfunctions due to their voltage characteristics so their use is not recommended. 27 Battery Level Indicator You can confirm remaining battery level by checking the { displayed on the LCD panel. { } ? ? lit lit lit blink : Battery is full. : Battery is running low.

: Battery is almost empty. : The camera turns off after displaying a message. 2 Getting Started Approximate Image Storage Capacity and Playback Time (new batteries) Batteries CR-V3 AA lithium batteries AA rechargeable batteries (NiMH 2500mAh) AA Alkaline Batteries (Temperature) Normal recording 850 560 750 670 560 500 (23°C) (0°C) (23°C) (0°C) (23°C) (0°C) (23°C) Flash photography 50% use 100% use 750 650 500 410 650 550 570 470 500 440 440 380 Playback time 700 minutes 470 minutes 470 minutes 400 minutes 350 minutes 300 minutes 90 70 50 140 minutes Not Not Not 70 minutes (0°C) applicable applicable The still picture storage capacity is based on measuring conditions in accordance with CIPA standards and the playback time is based on PENTAX measuring conditions. Some deviation from the above figures may occur in actual use depending on shooting mode and shooting conditions. ·

Battery performance temporarily decreases as the temperature decreases.

When using the camera in cold climates, have extra batteries on hand and keep them warm in your pocket. Battery performance will return to normal when returned to room temperature. · AA alkaline batteries may not support all the camera functions. We do not recommend their use except in emergencies and checking the camera's functionality. · Have extra batteries ready when traveling overseas, taking pictures in cold climates, or when you will be taking a lot of pictures. 28 Using the AC Adapter (Optional) 4 1 2 Getting Started 2 3 We recommend using the AC adapter D-AC10 (optional) when using the LCD monitor for a long time or when connecting to your PC. 1 2 3 4 Make sure the camera is turned off before opening the terminal cover. Connect the DC terminal on the AC adapter to the DC input terminal on the camera. Connect the AC plug cord to the AC adapter. Plug the AC cord into the power outlet.

· Make sure the camera is turned off before connecting or disconnecting the AC adapter. · Make sure connections are secure between the camera, AC adapter, AC plug cord terminal and the power outlet. SD Memory Card and data will be corrupted if disconnected while camera is recording or reading data. · Be sure to read the AC adapter D-AC10 operating manual when using the AC adapter. · The rechargeable batteries in your camera will not charge when connected to the AC adapter. Inserting/Removing the SD Memory Card Captured images are recorded on the SD Memory Card. Make sure the camera is turned off before inserting or removing the SD Memory Card (market product). · Do not remove the SD Memory Card while card access lamp is lit. · Format new SD Memory Card. Also format SD Memory Card used with other cameras.

Refer to "Formatting the SD Memory Card" (p.164) for details on formatting. 29 2 Getting Started 1 Press the card cover unlock lever in the indicated direction. Card cover opens. 2 Insert the card all the way with the SD Memory Card label toward the LCD monitor.

3 Close the card cover. Push the SD Memory Card in once to remove. 30 Precautions When Using the SD Memory Card · The SD Memory Card is equipped with a write-protect switch. Setting the switch to LOCK protects the existing data by Write-protect prohibiting recording of new data, deletion switch of existing data or formatting of the card. · Care should be taken when removing the SD Memory Card immediately after using the camera because the card may be hot.

· Do not remove the SD Memory Card or turn the camera off while data is being saved to the card, images are being played back, or the camera is connected to a computer with the USB cable. This may cause the data to be lost or the card to be damaged. · Do not bend the SD Memory Card or subject it to violent impact. Keep it away from water and store away from high temperatures. · Do not remove the SD Memory Card during formatting. The card may be damaged beyond use. · Data on the SD Memory Card may be deleted in the following circumstances. PENTAX does not accept any liability for data that is deleted if (1) the SD Memory Card is mishandled by the user. (2) the SD Memory Card is exposed to static electricity or electrical interference. (3) the card has not been used for a long time.

(4) the card is ejected or the battery is removed while the data on the card is being recorded or accessed. · The SD Memory Card has a limited service life. If it is not used for a long time, the data on the card may become unreadable. Be sure to regularly make a backup of important data on a computer. · Avoid using or storing the card where it may be exposed to static electricity or electrical interference. · Avoid using or storing the card in direct sunlight or where it may be exposed to rapid changes in temperature or to condensation. · For information on compatible SD Memory Card, visit the PENTAX website or contact your nearest PENTAX customer service center.



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· Format new SD Memory Cards. Also format SD Memory Card used with other cameras. I Formatting the SD Memory Card (p. 164) · If you are going to discard, give away or sell your SD memory card you should ensure that the data on the card is completely deleted or the card itself is destroyed if it contains any personal or sensitive information. Please note that formatting the SD card will not necessarily delete the data so that it cannot be recovered using off the shelf data recovery software. There are off the shelf secure data deletion software programs available that will completely delete the data. In any case the data on your SD memory card should be managed at your own risk. 2 Getting Started 31 Recorded Pixels and Quality Level Choose the number of pixels (size) and quality level (data compression rate) of pictures according to how you intend to use the pictures you have taken.

Pictures with larger recorded size or the more E are clearer when printed. The number of pictures that can be taken (the number of pictures that can be recorded on an SD Memory Card) becomes less with larger file sizes. The quality of the captured photo or printed picture depends on the quality level, exposure control, resolution of the printer and a variety of other factors so you do not need to select more than the required number of pixels. For example, to print in postcard size, R (1536×1024) is adequate. Set the appropriate recorded size and quality level depending on purpose.

Choose the appropriate number of recorded pixels and quality level for images on the [A Rec. Mode] menu. 1 Setting the Recorded Pixels (p.111) 1 Setting the Quality Level (p.112) Recorded Pixels, Quality Level and Approximate Image Storage Capacity Quality Level Recorded Pixels 2 Getting Started \ 11 -- -- P Q R (3008×2008) (3008×2000) (2400×1600) (1536×1024) C Best -- 34 51 106 D Better -- 70 96 173 E Good -- 117 161 271 · The above table shows the approximate image storage capacity and recording time when using a 128 MB SD Memory Card. · The above figures may vary depending on the subject, shooting conditions, shooting mode and SD Memory Card, etc. 32 Turning the Camera On and Off 1 2 Getting Started Move the main switch to [ON] position. The camera will turn on. Move the main switch to [OFF] position to turn off the camera. · Always turn the camera off when not in use.

· The power will automatically turn off when you do not perform any operations within a set period of time. (Default setting is 1 minute) (p.171) Initial Settings The first time the camera is turned on after purchasing, the Initial Settings screen appears on the LCD monitor. Follow the procedure below to set the language displayed on the LCD monitor and the current date and time. Once setting is done, these will not need to be set again when turning your camera on. 33 2 Getting Started 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, Italian, Swedish, Dutch, Russian, Korean, Chinese (traditional/simplified) and Japanese. 1 Press the four-way controller (5). Initial Settings English New York DST Cancel OK OK 2 Use the four-way controller (2345) to select your applicable language. The default setting is English.

English Français Deutsch Español Italiano Svenska Nederlands OK OK 3 Press the 4 button. 34 4 5 Press the four-way controller (3). The cursor moves to [W]. Press the four-way controller (45) to select the city. Press the four-way controller (3).

The cursor moves to DST (daylight saving time). 2 Getting Started 6 7 8 Use the four-way controller (45) to select O (On) or P (Off). Press the 4 button. The screen for setting the date and time will be displayed. When an Incorrect Language is Set Follow the procedure below to display the screen for setting the language, and go to Step 2 on p.

33 to set the language again. 1 2 3 4 5 Turn the camera off and turn it on again. Press the 3 button. Press the four-way controller (5) twice. Press the four-way controller (3) five times. Press the four-way controller (5) once. The screen for setting the language will be displayed. 35 Setting the Date and Time Set the current date and time and the display style. 1 Press the four-way controller (5). The frame moves to [mm/dd/yy].

Date Adjust Date Style mm/dd/yy24h Date Time Cancel 01 / 01 / 2006 00 : 00 OK 2 Getting Started OK 2 3 Use the four-way controller (23) to choose the date style. Press the four-way controller (5). The frame moves to [24h]. Date Time Cancel Date Adjust Date Style mm/dd/yy24h 01 / 01 / 2006 00 : 00 OK OK 4 5 6 Use the four-way controller (23) to select 24h (24-hour display) or 12h (12-hour display). Press the four-way controller (5). The frame returns to [Date Style]. Press the four-way controller (3). The frame moves to [Date]. 36 7 Press the four-way controller (5). The frame moves to the month.

Date Adjust Date Style mm/dd/yy24h Date Time Cancel 01 / 01 / 2006 00 : 00 OK OK 2 Getting Started 8 Use the four-way controller (23) 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 4 button.

The camera is ready to take pictures. If you set the date and time with the menu operations, the screen will return to the [H Set-up] menu. Press the 4 button again. You can cancel the setting operation and switch to Capture mode during initial settings by pressing the 3 button. In this case, the Initial Settings screen will appear again the next time you turn the camera on.

· When you finish the settings and press the 4 button, the camera clock is reset to 00 seconds. To set the exact time, press the 4 button when the time signal (on the TV, radio, etc.) reaches 00 seconds. · You can change the language and date and time settings with the menu operations. (p.165, p.169) Attaching the Lens All camera exposure modes are available when using DA, D FA, FA J or other lenses with Aperture s (Auto) position. Some functions are restricted when lenses are not set to Aperture s (Auto). Also see "Notes on [Using Aperture Ring]" (p.184).

Other lenses and accessories will not be available with factory default settings. To allow shutter release with lenses or accessories not listed above, set [Using aperture ring] in custom function settings. (p.103) Turn the camera off before attaching or removing the lens to prevent unexpected lens movement. 37 2 Getting Started 1 2 Check that the camera is off. 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 from damage to the area around the lens mount after removal.



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1 2 3 Align the red dots on the camera and the lens, and secure by turning the lens clockwise until it clicks. After attaching, check that the lens is secured. Also check that the red dots of the lens are on top and attachment portion does not move sideways.

38 4 Remove the front lens cap by pushing the indicated portions inward. 2 To detach the lens, hold down the lens unlock button (3) and turn the lens counterclockwise. Getting Started 3 · The body mount cover (1) is a cover to prevent scratches and block dust when shipped. Body Mount Cap K is sold separately and has a lock function. · We assume no responsibility nor liability for accidents, damages and malfunctions resulting from the use of lenses made by other manufacturers.

· The camera body and lens mount incorporate lens information contacts and an AF coupler. Dirt, dust, or corrosion may damage the electrical system. Clean the contacts with a soft dry cloth. 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 slide the diopter from 2.5m-1 to +1.5m-1. 39 1 2 Look through the viewfinder and point the camera at a welllit scene. Slide the diopter adjustment lever left or right. Adjust the lever until the AF frame in the viewfinder is focused. Getting Started AF Frame · Eyecup is attached to the viewfinder portion when camera leaves the factory. Diopter adjustment is available with the eyecup attached. However, adjustment is easier with the eyecup removed as shown above. To remove the eyecup, pull one side of the Eyecup FN out and toward you as shown on the right.

· If it is difficult to see the viewfinder image clearly even if you set the diopter adjustment lever, use the diopter correction lens adapter M. However, the eyecup must be removed to use this adapter. (p.188) 40 Memo 3 Basic Operations This chapter explains basic operations for shooting by setting mode dial to Picture mode (Auto Picture or Portrait mode - Flash OFF mode) and Scene mode to ensure successful capturing. For information about advanced functions and settings for taking pictures, refer to chapter 4 and onward. Basic Shooting Operation

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42 Selecting the Appropriate Capturing Mode for Scenes

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..47 Using the Zoom Lens ...

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50 Using the Built-in Flash

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.....51 Other Shooting Modes .

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55 Playing Back Still Pictures

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...65 Connecting the Camera to AV Equipment

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...72 Processing Images with Filters

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73 Deleting Images

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..75 Setting the Printing Service (DPOF)

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.81 Printing Using PictBridge

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..84 42 Basic Shooting Operation 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.

3 Basic Operations Horizontal position Vertical position · To reduce camera shake, support your body or the camera on a solid object such as a table, tree, or wall. · Although there are individual differences among photographers, the shutter speed for a handheld camera is generally 1/(focal length ×1.5). For example, it is 1/75 of a second for a focal length of 50 mm and 1/150 of a second for 100 mm. A tripod should be used for shutter speeds slower than this. · When using a telephoto lens, a tripod that is heavier than the total weight of the camera and lens is recommended to avoid camera shake. 43 Letting the Camera Choose the Optimal Settings How to set the camera so it will choose the optimum settings based on the subject lighting, distance and motion. 1 Set the mode dial to I. The camera will select the optimal capturing mode for the subject. 1 Selecting the Appropriate Capturing Mode for Scenes (p.

47) 3 Basic Operations 2 Set the focus mode lever to =. Autofocus mode is set. (p.120) 44 3 Turn the zoom ring to determine the size of the subject. Determine the size of the subject. 1 Using the Zoom Lens (p.50) 4 3 Basic Operations Position the subject inside the AF frame and press the shutter release button halfway. The autofocus system operates. The focus indicator] appears in the viewfinder when the subject is in focus. The flash pops up automatically when necessary (manually lift the flash when Flash mode is not set to [Auto]).

1 Operating the shutter release button (p.45) 1 Hard-to-Autofocus Subjects (p.46) 1 Using the Built-in Flash (p.51) Focus indicator You can preview the image in the LCD monitor and check the composition, exposure, and focus before taking the picture. (p.

147) 5 Press the shutter release button fully. The picture is taken. 6 45 Review captured images on the LCD monitor. Image displays for 1 second on the LCD monitor after capturing (Instant Review). You can delete the image during Instant Review by pressing the i button.

1 Setting the Display Time of the Instant Review (p.172) 1 Deleting Images (p.75) 1 Displaying Bright Portion (p.173) 1 Histogram Display (p.173) 3 Basic Operations Delete Operating the shutter release button The shutter release button has two positions. Not pressed Pressed halfway Pressed fully (first position) (second position) 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. · The viewfinder indicators stay on while shutter release button is pressed.

The indications stay on for about 10 seconds (default setting) after the button is released. (p.20) 46 Hard-to-Autofocus Subjects The autofocus mechanism is not perfect. Focusing may be difficult when taking pictures under the following conditions ((a) to (f) below). These also apply to manual focusing using the focus indicator] in the viewfinder. If the subject cannot be focused automatically, set the focus mode lever to \ and use the manual focus mode to focus on the subject with the aid of the matte field in the viewfinder. (p.128) (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 vertical or horizontal line patterns appear within the focusing area. (f) Multiple subjects in the foreground and background within the focusing area. Subject may not be focused even when] (focus indicator) is displayed when (f) above applies. 3 Basic Operations Selecting the Appropriate Capturing Mode for Scenes The camera selects and sets the optimum mode when I (Auto Picture) on the mode dial is set to the dial indicator.

47 3 Basic Operations Dial indicator Select = (Portrait), s (Landscape), q (Macro), \ (Moving Object), .



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(Night Scene Portrait), a (Flash OFF), H (Scene) with the mode dial if desired image is not captured in Auto Picture mode. The modes are as follows. Selects automatically from Portrait, Landscape, Macro, and Moving Object modes. I (Auto Picture) Lets you take pictures with standard settings (Normal mode) when there is no optimal shooting mode.

Optimal for capturing portraits. = (Portrait) Deepens the focus range, emphasizes contour and s (Landscape) saturation of trees and the sky, and produces a bright image. Lets you take vibrant pictures of flowers and other q (Macro) small subjects at short distances. Lets you take sharp pictures of a quickly moving \ (Moving Object) subject, such as at a sporting event. . (Night Scene Portrait) Lets you capture people against a night view or dusk. The built-in flash is deactivated. Other settings are the a (Flash OFF) same as the Normal mode in I. Lets you select from 8 shooting scenes depending on H (Scene) the shooting conditions. For .

(Night Scene Portrait), the shutter speed becomes slower in dark places, even if the built-in flash is used. Use a tripod to avoid camera shake. 48 Selecting the Shooting Scene By setting the H (Scene) icon to the dial indicator, you can choose from the following 8 shooting scenes. A (Night Scene) i (Surf & Snow) Used for night scenes. Use a tripod, etc. to prevent shaking. For capturing images of dazzling backgrounds, such as snowy mountains. Lets you take clear pictures of text or writing. For capturing the sunrise or sunset in beautiful colors. For capturing moving kids.

Reproduces healthy and bright skin tone. For capturing moving pets. For capturing scenes in candlelight. For capturing images in places where a flash is prohibited. 3 Basic Operations B (Text) K (Sunset) C (Kids) E (Pet) D (Candlelight) E (Museum) The flash is deactivated in A (Night Scene), K (Sunset), D (Candlelight) and E (Museum) modes.

Use a tripod to avoid camera shake. How to Select a Shooting Scene 1 2 Set the mode dial to H (Scene). Press the { button. The Fn menu appears. The icon for the currently selected shooting scene appears in the Fn menu screen in H (Scene) mode.

Fn OK AUTO Fn Exit 3 49 Press the 4 button. The mode palette appears. Used for night scenes. Use a tripod, etc. to prevent shaking. OK Night Scene OK 4 Use the four-way controller (2345) to choose a Scene mode. If Pet mode is selected, you can turn the e-dial to choose a dog or a cat icon. The function is the same, regardless of which icon you choose. Pet 3 Basic Operations For capturing moving pets OK OK 5 6 Press the 4 button. The screen returns to the Fn menu.

Press the { button. The camera is ready to take a picture. 50 Using the 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 3 Basic Operations 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 functions (Image Size Tracking, Zoom Clip, and Auto Zoom Effect) are not compatible with this camera. Wide Angle Telephoto Using the Built-in Flash Use the following procedures to take a picture in low light or backlit conditions or when you want to manually use the built-in flash.

The built-in flash is optimum at about 0.7 m to 4 m from the subject. Exposure will not be properly controlled and vignetting may occur when used at a distance closer than 0.7 m (this distance varies slightly depending on the lens being used and set sensitivity (p.151)).

51 Compatibility of built-in flash and lens Vignetting (darkening of the corners of the image due to a lack of light) may occur depending on the lens being used and the capture conditions. We recommend taking a test shot to confirm this. 1 DA, D FA, FA J, FA and F Lens Compatibility with the Built-in Flash (p.153) · When using the built-in flash, remove the lens hood before shooting. · The built-in flash fully discharges for lenses without a function to set aperture lens ring to s (Auto).

3 Basic Operations B Auto discharge Camera automatically determines surrounding light and built-in flash pops up and discharges automatically when necessary (flash does not discharge even if it is popped up when not necessary). Discharges flash manually. Flash discharges when popped up, does not discharge when retracted. Lights a red-eye reduction light before automatic flash. Discharges flash manually. Lights a red-eye reduction light before manual flash. b C D Manual discharge Auto flash+Redeye reduct Manl flash+Redeye reduct Manual discharge mode (Flash ON) is used regardless of flash mode settings if the K button is pressed to pop up the flash manually. Selecting Flash Mode 1 Press the { button. The Fn menu appears. Fn OK AUTO Fn Exit 52 2 Press the four-way controller (3).

The Flash options screen appears. When the mode dial is set to e, b, c, a or p, B and C appear gray and cannot be selected. Flash Mode Auto discharge OK OK 3 3 Basic Operations Use the four-way controller (45) to choose a flash mode. Press the 4 button. The camera returns to the Fn menu screen. 4 5 Press the { button. The camera is ready to take a picture. Using Auto Discharge B, C (Automatic Flash Popup) 1 Set the mode dial to H, I, =, q, or .. The flash is deactivated when A (Night Scene), K (Sunset), D (Candlelight) or E (Museum) is selected in H (Scene) mode.

2 Press the shutter release button halfway. The built-in flash pops up if necessary and begins charging. When the flash is fully charged, b appears in the LCD panel and viewfinder. (p.17, p.

20, p.22) Switch between Auto discharge mode and Manual discharge mode (Flash ON) by pressing the K button while the built-in flash is popped up. If Auto discharge is set, E appears on the LCD panel. 3 4 53 Press the shutter release button fully. The picture is taken.

Push down on the portion indicated in the illustration to retract the flash. 3 Basic Operations Using Manual Discharge (Flash ON) b, D 1 Press the K button. The built-in flash pops up and begins charging. Manual discharge mode (Flash ON) is used regardless of flash mode settings. When the flash is fully charged, b appears in the LCD panel and viewfinder. (p.17, p.20, p.22) When Flash mode is set to B or C and you pop up the built-in flash, you can switch between Auto discharge mode and Manual discharge mode (Flash ON) by pressing the K button under the following conditions. · Shooting mode is set to I, =, s, q, \ or .

· H mode is set to i, B, C, or E. 2 3 Press the shutter release button fully. The flash discharges and the picture is taken. Push the flash down to retract. 54 Using Red-eye Reduction Flash "Red-eye" is the phenomenon where eyes look reddish in photographs taken in dark environments with a flash.



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This is caused by the reflection of the electronic flash in the retina of the eye. Red-eye occurs because pupils are dilated in dark environments. This phenomenon cannot be averted but the following measures can be used to combat it. · Brighten the surroundings when shooting. · Set to wide angle and shoot from closer if a zoom lens is in use. · Use a flash that supports red-eye reduction. · Position the flash as far away from the camera as possible when using an external flash. The red-eye reduction function on this camera reduces red-eye by discharging the flash twice. With the red-eye reduction function, the pre-flash is discharged just before the shutter is released. This reduces pupil dilation. The main flash is then discharged while the pupils are smaller, reducing the red-eye effect. To use the red-eye reduction function, set C (Red-eye reduction auto flash) in Picture mode or D (Red-eye reduction manual flash) in other modes for Flash mode. 3 Basic Operations Daylight-Sync Shooting In daylight conditions, the flash will eliminate shadows when a portrait picture is taken with a person's face cast in shadow. Use of the flash in this way is called Daylight-Sync Shooting.

Flash is discharged manually when shooting with Daylight-Sync Shooting. Taking pictures (Auto Picture) 1 Confirm that the flash has popped up and the flash mode is set to b (Manual discharge). (p.53) 2 Confirm that the flash is fully charged. 3 Take the picture. The picture may be overexposed if the background is too bright. Without Daylight-Sync With Daylight-Sync Other Shooting Modes 55 Continuous Shooting Pictures can be taken continuously while the shutter release button is held down. 1 Press the { button. 3 Basic Operations The Fn menu appears. Fn OK AUTO Fn Exit 56 2 Press the four-way controller (2).

3 Basic Operations The Drive Mode options screen appears. Drive Mode Single frame shooting OK OK 3 Use the four-way controller (45) to select j. Drive Mode Continuous shooting OK OK 4 Press the 4 button. The camera returns to the Fn menu screen. 5 6 Press the { button. The camera is ready to take pictures. Press the shutter release button halfway. The autofocus system operates. The focus indicator] appears in the viewfinder when the subject is in focus. 57 Set [No. cnt shtng rcd im] in [Recordable Image No.] of the [A Custom Setting] menu. The number of continuously recordable images (buffer space) appears when shutter is pressed halfway. (p.102) 7 Press the shutter release button fully. Pictures are taken continuously while the shutter release button is fully pressed. Take your finger off the shutter release button to stop. Continuous shooting settings are retained when the power is turned off. Display the Fn menu again and set to 9 (Single frame shooting) to stop Continuous shooting. · The focus is adjusted each time the shutter is released if the [AF Mode] in the [A Rec. Mode] is set to l (Single mode). (p.124) · Focusing is continuously active when the mode dial is set to e, b, c or a and [AF Mode] in the [A Rec. Mode] is set to k (Continuous mode), when Picture mode is set to \ (Moving Object) or H mode is set to C (Kids) or E (Pet). Note that the shutter will release even if the focusing is not complete. · The shutter cannot be released until charging is complete when using the built-in flash. Use a custom function to enable shutter release before the built-in flash is ready. (p.150) 3 Basic Operations Self-Timer Shooting This camera has two types of self-timers: g and Z. g Z Shutter will be released after about 12 seconds.

Use this mode to include the photographer in the picture. A mirror pops up immediately after shutter release button is pressed. Shutter is released after about 2 seconds. Use this mode to avoid camera shake when the shutter release button is pressed. 1 Mount the camera onto a tripod. 58 2 Press the { button. 3 Basic Operations The Fn menu appears. Fn OK AUTO Fn Exit 3 Press the four-way controller (2). The Drive Mode options screen appears. Drive Mode Single frame shooting OK OK 4 59 Use the four-way controller (45) to select g or Z. Drive Mode Self-Timer (12 secs) OK OK 5 Press the 4 button. The camera returns to the Fn menu screen. 3 Basic Operations 6 7 Press the { button. The camera is ready to take pictures. Confirm in the viewfinder that the subject you wish to shoot is in the display and press the shutter release button halfway. The focus indicator] appears when the subject is in focus. 60 8 Press the shutter release button fully. For g, the self-timer lamp starts blinking slowly and blinks rapidly 2 seconds before the shutter is released. The beep is heard and the rate increases. The shutter will be released about 12 seconds after the shutter release button is pressed fully. For Z, the shutter will be released about 2 seconds after the shutter release button is pressed fully. · The beep can be turned off (p.165). · Exposure may be affected if light enters the viewfinder. Attach the provided ME viewfinder cap or use the AE lock function (p.143). (Ignore the light entering the viewfinder when the exposure mode is set to a (Manual) (p.139).) · Remove the Eyecup FN by pulling one side out and toward you when using accessories such as the ME viewfinder cap. 3 Basic Operations Removing the Eyecup FN Attaching the ME Viewfinder cap 9 Turn the camera off after shooting.

The next time the power is turned on, self-timer shooting is canceled and returns to single frame shooting. 61 Remote Control Shooting (Remote Control F: Sold Separately) The shutter can be released with the optional remote control unit. You can select from h (remote control) and i (three-second delay) for remote control shooting. h i The shutter will be released immediately after the shutter release button on the remote control unit is pressed. The shutter will be released 3 seconds after the shutter release button on the remote control unit is pressed. 3 Basic Operations 1 Mount the camera onto a tripod. 2 Press the { button. The Fn menu appears. Fn OK AUTO Fn Exit 62 3 Press the four-way controller (2). The Drive Mode options screen appears. 3 Basic Operations 4 Use the four-way controller (45) to select h or i. The self-timer lamp will blink to let you know that the camera is in remote control wait status. Drive Mode Remote Control Unit OK OK 5 6 7 Press the 4 button. The camera returns to the Fn menu screen. Press the { button. The camera is ready to take pictures. Press the shutter release button halfway. The autofocus system operates. The focus indicator] appears in the viewfinder when the subject is in focus. · You cannot focus with the remote control unit in default settings. Focus on the subject first before operating with the remote control.



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You can set [AF in remote control] to [On] in the custom function. (p.102) · When using the Remote Control Unit, flash does not pop up automatically even when set to B (Auto discharge). Pop up the flash manually beforehand. (p.53) 8 63 Point the remote control unit towards the front of the camera and press the shutter release button on the remote control. 5m The operating distance of the remote control unit is about 5 m from the front of the camera. The shutter will be released immediately or approximately 3 seconds after the shutter release button on the remote control unit is pressed depending on the drive mode selected. When the picture is taken, the self-timer lamp lights for 2 seconds and will then resume blinking.

· Exposure may be affected if light enters the viewfinder. Attach the provided ME viewfinder cap or use the AE lock function (p.143) (ignore the light entering the viewfinder when the exposure mode is set to a (manual) (p.139)). · Remove the Eyecup FN by pulling one side out and toward you when using accessories such as the ME viewfinder cap. 3 Basic Operations Removing the Eyecup FN Attaching the ME Viewfinder cap · Turn the power off to stop the remote control operation after it has been activated. · The remote control may not operate in backlit conditions. · The remote control does not work while the flash is being charged. · When using the built-in flash, raise the flash into position first. · The camera automatically returns to single frame shooting after the remote control shooting mode is left unused for 5 minutes.

· The remote control unit battery can send a remote control signal about 30,000 times. Contact PENTAX service center to replace the battery (this will involve a fee). 64 Using Mirror Lock Up Function to Prevent Camera Shake Use the Mirror Lock Up function if camera shake is evident even when Cable Switch (optional) or Remote Control Unit (optional) is used. When shutter release button is pressed, mirror pops up and shutter is released 2 seconds later if 2 sec. Self-Timer is used.

Avoid camera shake when mirror pops up by using this method. Follow the procedure below to take a picture with the mirror lock up. 3 Basic Operations 1 2 3 4 Mount the camera onto a tripod. Use the { button and the four-way controller (2) to select Z (2 sec. Self-Timer).

1 Self-Timer Shooting (p.57) Focus on the subject. Press the shutter release button fully. The mirror pops up and the picture is taken 2 seconds later. AE lock is enabled with the exposure value set immediately before the mirror goes up. Playing Back Still Pictures 65 Playing Back Images You can play back captured still pictures with the camera. Use the included "PENTAX PHOTO Browser 2.1" software to play back using a PC. Refer to the "PENTAX PHOTO Browser 2.1/PENTAX PHOTO Laboratory 2.

1 Operating Manual" for details. 3 Basic Operations 1 Press the Q button after taking a picture. The most recently captured image (image with the largest file number) is displayed on the LCD monitor. 100-0046 66 2 Press the four-way controller (45). 4 : The previous image appears. 5 : The next image appears. 3 Basic Operations Rotating Images You can rotate images 90° counterclockwise at a time. Make images shot vertically easier to view. 100-0001 100-0001 100-0001 OK OK OK OK 1 Press the Q button after taking a picture. The most recently captured image (image with the largest file number) is displayed on the LCD monitor.

2 Press the four-way controller (3). The image is rotated 90° counterclockwise each time the button is pressed. 3 67 Press the 4 button. Image rotation information is saved. Enlarging Playback Images You can magnify images up to 12 times when displaying.

3 Basic Operations 1 Press the Q button and use the four-way controller (45) to select an image. The most recently captured image (image with the largest file number) is displayed first on the LCD monitor. 100-0046 68 2 Turn the e-dial to the right (toward y). Image enlarges at each calibration and can be enlarged to 12 times the original. Turn to the left (toward f) to return.

Press the 4 button to return to the original size. Press the four-way controller (2345) in zoom display to change the display area. ×2 . 0 ×2 3 Basic Operations The first calibration on the e-dial is 1.2 times. You can change this in [Mag to Strt Zm Plybk] in [A Custom Setting] menu. (p.103) Nine-Image Display You can display nine images on the LCD monitor at the same time. 1 69 Press the Q button. The most recently captured image (image with the largest file number) is displayed on the LCD monitor.

100-0046 2 Turn the e-dial to the left (toward f). Up to nine thumbnail images will be displayed at once. Use the four-way controller (2345) to select an image. A scroll bar appears at the right of the screen. With an image selected in the bottom row, pressing the four-way controller (3) displays the next nine images. [?] appears for an image that cannot be displayed. Frame 3 Basic Operations 100-0046 Select&Delete Scroll bar 3 Turn the e-dial to the right (towards y) or press the 4 button. A full screen display of the selected image appears. 100-0046 70 Slideshow You can play back all images recorded on your SD Memory Card successively. To start continuous playback, use the menu screen displayed on the LCD monitor.

3 Basic Operations 1 Press the Q button and use the four-way controller (45) to select an image to be displayed first. The most recently captured image (image with the largest file number) is displayed first on the LCD monitor. 100-0046 2 Press the { button. The Fn menu appears. Fn OK Fn Exit 3 71 Press the four-way controller (5).

Start screen is displayed and slideshow begins. Press any button to end slideshow. Press the shutter release button or the Q button, slide the main switch to the preview position (l) or turn the mode dial to change to Capture mode. Set the display time for slideshow in the [Q Playback] menu. Alternatively, start the slideshow from the [Q Playback] menu.

(p.163) Start 3 Basic Operations 72 Connecting the Camera to AV Equipment By using the video cable, you can play back images using a TV or other device with a video IN jack as your monitor. Make sure that both the TV and the camera are turned off before connecting the cable. 1 Selecting the Video Output Format (p.170) 3 Basic Operations 1 2 3 Open the terminal cover and connect the video cable to the USB/Video terminal. Connect the other end of the video cable to the video IN jack on the AV device. Turn the AV device and camera on. · If you intend to use the camera continuously for a long period, use of the AC adapter (optional) is recommended. (p.28) · For AV equipment with multiple video IN jacks (such as TVs), check the operating manual of the AV device, and select the video IN jack to which the camera is connected.



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