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You can read the recommendations in the user guide, the technical guide or the installation guide for PENTAX OPTIO S1. You'll find the answers to all your questions on the PENTAX OPTIO S1 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual PENTAX OPTIO S1
User guide PENTAX OPTIO S1
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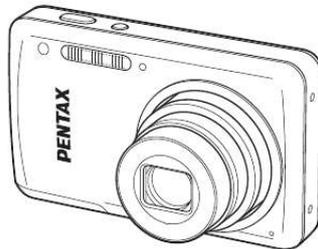
PENTAX



Digital Camera

Optio S1

Operating Manual



To ensure the best performance from your camera, please read the Operating Manual before using the camera.



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Manual abstract:

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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 Product Registration In order to better serve 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 "Connecting to a Computer" (p.181) for more information. To users of this camera · Do not use or store this device in the vicinity of equipment that generates strong electromagnetic radiation or magnetic fields. Strong static charges or the magnetic fields produced by equipment such as radio transmitters could interfere with the monitor, damage the stored data, or affect the product's internal circuitry and cause camera misoperation. · The liquid crystal panel used for the display is manufactured using extremely high precision technology.

Although the level of functioning pixels is 99.99% or better, you should be aware that 0.01% or fewer of the pixels may not illuminate or may illuminate when they should not. However, this has no effect on the recorded image. · If you point the camera toward an object that is bright, a band of light may appear on the screen display. This phenomenon is referred to as "smear" and is not a malfunction of the camera. · There is a possibility that the illustrations and the screen display in this manual are different from the actual ones. · In this manual, SD Memory Cards, SDHC Memory Cards, and SDXC Memory Cards are referred to as SD Memory Cards hereafter. · In this manual, the generic term "computer(s)" refers to either a Windows PC or a Macintosh hereafter. · In this manual, the term "battery(ies)" refers to any type of batteries used for this camera and its accessories.

Using Your Camera Safely 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 This symbol indicates that violating this item could cause serious personal injuries. Caution This symbol indicates that violating this item could cause minor or medium personal injuries, or loss of property. 1 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 a risk of electric shock. · Wrapping the strap around your neck is dangerous. Take care that small children do not hang the strap around their necks.

· If any irregularities occur during use, such as smoke or a strange odor, stop use immediately, remove the battery, and contact your nearest PENTAX Service Center. Continuing to use the camera can cause a fire or electric shock. Caution · Do not place your finger over the flash when discharging the flash. You may burn yourself. · Do not cover the flash with clothes when discharging the flash.

Discoloration may occur. · Some portions of the camera heat up during use. There is a risk of low temperature burns when holding such portions for long periods. · Should the monitor be damaged, be careful of glass fragments. Also, be careful not to allow the liquid crystal to get on your skin, in your eyes or mouth.

· Depending on your individual factors or physical condition, the use of the camera may cause itching, rashes or blisters. In case of any abnormality, stop using the camera and get medical attention immediately. About the Power Adapter Warning · Always use the power adapter exclusively developed for this camera, with the specified power and voltage. Using a power adapter not exclusive to this camera, or using the exclusive power adapter with an unspecified power or voltage can cause a fire, electric shock, or camera breakdown. The specified voltage is 100 - 240V AC. 2 · Do not disassemble or modify the power adapter. This can cause a fire or electric shock. · If the generation of smoke or strange odor from the power adapter or other abnormality occurs, immediately discontinue use and consult a PENTAX Service Center. Continuing to use the adapter can cause a fire or electric shock. · If water should happen to get inside the power adapter, consult a PENTAX Service Center.

Continuing to use the adapter can cause a fire or electric shock. · If a thunder storm should occur while using the power adapter, unplug the adapter and discontinue use. Continuing to use the adapter can cause damage to the equipment, fire, or electric shock. · Wipe off the plug of the power adapter if it becomes covered with dust. Accumulated dust on the plug may cause a fire. Caution · Do not place or drop heavy objects on the power adapter. Doing so may damage the adapter. Should the power adapter be damaged, consult a PENTAX Service Center. · Do not touch or short-circuit the terminal area of the power adapter while the cord is plugged in. · Do not handle the power adapter with wet hands.

This can cause an electric shock. · Do not drop the power adapter, or subject it to violent impact. This can cause equipment breakdown. · Do not use the power adapter to charge a battery other than a rechargeable lithium-ion battery D-LI78. This can cause an explosion, or heating, or may damage the power adapter.

3 About the Battery Warning · Be sure to store the battery out of the reach of small children. Placing it in their mouths may cause an electric shock. · If any leakage from the battery should come in contact with your eyes, do not rub them. Flush your eyes with clean water and get medical attention immediately.

Caution · Only use the specified battery with this camera.

Use of other batteries may cause an explosion or fire. · Do not disassemble the battery. Disassembling the battery may cause an explosion or leakage. · Remove the battery from the camera immediately if it becomes hot or begins to smoke. Be careful not to burn yourself during removal. · Keep wires, hairpins, and other metal objects away from the + and contacts of the battery.



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· Do not short the battery or dispose of the battery in fire. This can cause an explosion or fire. · If any leakage from the battery should come in contact with skin or clothes, wash the affected areas thoroughly with water. · Precautions for D-LI78 Battery Usage: - USE SPECIFIED CHARGER ONLY.

- DO NOT INCINERATE. - DO NOT DISASSEMBLE. - DO NOT SHORT CIRCUIT. - DO NOT EXPOSE TO HIGH TEMP. (140°F / 60°C) Keep the Camera and its Accessories out of the Reach of Small Children Warning · Do not place the camera and its accessories within the reach of small children. 1. If the product falls or is operated accidentally it may cause serious personal injuries. 2. Wrapping the strap around a neck may cause suffocation. 4 3.

To avoid the risk of a small accessory such as the battery or SD Memory Cards from being swallowed by mistake, keep them out of the reach of small children. Seek medical attention immediately if an accessory is accidentally swallowed. Care to be Taken During Handling Before Using Your Camera · When traveling, take the Worldwide Service Network listing 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, make sure that it is still working properly, particularly prior to taking important pictures (such as at a wedding or when traveling).

Contents of the recording 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. About the Battery · Storing the battery fully charged may decrease the battery performance. Avoid storing in high temperatures. · If the battery is left inserted and the camera is not used for a long time, the battery will over-discharge and shorten the battery's life.

Charging the battery a day before use or on the day of use is recommended. Precautions on Carrying and Using Your Camera · Do not subject the camera to high temperatures or high humidity. Do not leave the camera in a vehicle, as the temperature can get very high. · 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 monitor may appear black at high temperatures, but will return to normal at normal temperatures. · The monitor may respond more slowly at low temperatures. This is due to liquid crystal properties, and is not a malfunction. 5 · Sudden temperature changes will cause condensation on the inside and outside of the camera.

Place the camera in your bag or a plastic bag, and remove it after the temperature of the camera and surroundings are equalized. · Avoid contact with garbage, mud, sand, dust, water, toxic gases, or salt. These could cause the camera to breakdown. Wipe the camera to dry off any rain or water drops. · Please do not press forcefully on the monitor. This could cause it to break or malfunction. · Be careful not to sit down with the camera in your back pocket as this may damage the exterior of the camera or the display. · Be careful not to overtighten the tripod screw when using a tripod. · The lens on this camera is not interchangeable. The lens is not removable.

Cleaning Your Camera · Do not clean the camera with organic solvents such as thinner, alcohol or benzine. · Use a lens brush to remove dust accumulated on the lens. Never use a spray blower for cleaning as it may damage the lens. Storing Your Camera · Do not store the camera with preservatives or chemicals. Storage in high temperatures and high humidity can cause mold to grow on the camera.

Remove the camera from its case and store it in a dry and well-ventilated location. Other Precautions · Periodic inspections are recommended every one to two years to maintain high performance. · Refer to "Precautions When Using an SD Memory Card" (p.38) regarding the SD Memory Card. · Please note that deleting images or sound files, or formatting the SD Memory Cards or the built-in memory does not completely erase the origi.

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..... 219 11 In this manual, the method for operating the four-way controller is shown in illustrations, such as in the ones below. 2 4 3 5 The meanings of the symbols used in this Operating Manual are explained below. 1 indicates the reference page number for an explanation of the related operation. indicates information that is useful to know. indicates precautions to be taken when operating the camera. A mode Q mode This is the mode for capturing still pictures and recording movies. This is the mode for viewing still pictures and playing back movies and sound files. 12 Composition of the Operating Manual
This Operating Manual contains the following chapters.
1 Getting Started This chapter explains what you need to do after purchasing the camera before you start taking pictures.



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Be sure to read this chapter and follow the instructions. 1 2 Common Operations This chapter explains common operations such as the functions of the buttons and how to use the menus. For more details, refer to the respective chapters below. 2 3 3 Taking Pictures This chapter explains the various ways of capturing images and how to set the relevant functions.

4 4 Playing Back and Deleting Images This chapter explains how to view still pictures and movies on the camera or on a TV screen and how to delete them from the camera. 5 5 Editing and Printing Images This chapter explains how to edit still pictures on the camera and how to print them. 6 6 Recording and Playing Back Sound This chapter explains how to record sound, add sound (a voice memo) to an image, and play them back. 7 7 Settings This chapter explains how to set the camera-related functions. 8 8 Connecting to a Computer This chapter explains how to connect the camera to a computer, and includes installation instructions and a general overview of the provided software. 9 9 Appendix This chapter deals with troubleshooting and lists the optional accessories. 13 Camera Features In addition to basic picture-taking, the Optio S1 has a variety of shooting modes to suit different situations. This section describes how to make the most of the key features of your camera. Together with the explanations of camera operations, it will enable you to enjoy your camera to the full. Easy-to-Navigate Capture and Playback Functions! The user-friendly design of the Optio S1 enables easy operation with only a few buttons.

Simply by choosing the appropriate icon, you can select the shooting mode (p.67) and choose the optimal settings for the situation, or the playback mode (p.120, p.136) and enjoy the various playback and editing functions. A guide on the display lets you check the functions available in each mode and how to use them. A shooting mode guide is displayed in the Capture Mode Palette and a playback mode guide in the Playback Mode Palette (p.67, p.120). Use the Green Mode to take pictures easily using standard settings (p.72).

14 Perfect for Portrait Shots! The Optio S1 comes with a "Face Detection" function that spots the faces in your shot and automatically adjusts the focus and exposure for the faces. It can detect up to 16 people per shot, so it will help you take perfect group shots too. @@Face Detection function (p.69) Modes for taking stunning pictures of people (p.76) Add Fun Frames to Your Pictures! When you take a picture with the Optio S1, you can choose from our original fun frames to create attractive framed shots (p.

80). You can also add frames to pictures you have taken. Adjust the position of the subject in the picture or reduce or enlarge the picture size to match the frame shape and size. Now you no longer have to worry about the subject not fitting into the frame (p.145).

For decorating your pictures with a frame Display Your Data in Calendar Format! With the Optio S1, you can display recorded images and movies by date in calendar format (p.119). This lets you quickly find the image or movie you want to play back. 15 Advanced Movie Recording Functions The Optio S1 has a "Movie SR" function to reduce camera shake during movie recording (p.112), and it enables you to record movies in 1280×720 pixel (16:9) HDTV format (* (p.111). * When connecting to and playing back images on AV equipment, the recorded data is output at normal screen resolution. To view movies in HDTV, transfer the data to a computer and play it back on the computer. Use the camera to shoot fun-filled movies of your children or pets as a visual diary of their development (p.109).

A Multitude of Functions Inside the Camera for Enjoying Images Without a Computer! The Optio S1 has a variety of functions to let you enjoy playing back and editing images without having to connect the camera to your computer. The camera is all you need to take and edit still pictures and movies (p.136). Image processing features such as Resize (p.136), Cropping (p.137), Digital Filter (p.140) and Red-eye Compensation (p.144) can be used. You can divide a movie into two or more segments and select a frame from a movie to save it as a still picture (p.148).

16 Checking the Contents of the Package Camera Optio S1 Strap O-ST116 (*) Software (CD-ROM) S-SW116 USB cable I-USB116 (*) AV cable I-AVC116 (*) Rechargeable lithium-ion battery D-LI78 (*) Power adapter D-PA116 (*) Quick Guide Operating Manual (this manual) Items marked with an asterisk (*) are also available as optional accessories. For other optional accessories, refer to "Optional Accessories" (p.208). 17 Names of Parts Front Flash Self-timer lamp Lens Remote control receiver Microphone Speaker Tripod socket Battery/card cover 18 Back Power switch Shutter release button PC/AV terminal Strap lug Display Names of Operating Parts Power switch Shutter release button Zoom button Q button C button Four-way controller 4/W button Green/i button 3 button Refer to "Understanding the Button Functions" (p.50 - p.

53) for an explanation of the function of each button. 19 Monitor Indications Display in A Mode The display shows information such as the shooting conditions in the capture mode. The display changes in the following sequence each time you press the 4/W button: "Normal Display", "Histogram + Info" and "No Info". Normal Display 38 Histogram + Info 38 OK 14M 200 03/03/2011 14:25 OK OK No Info When the shooting mode is set to 9 (Green) mode, the monitor display is as shown on the right.



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You cannot change the information on the display by pressing the 4/W button (p.

72). 38 20 Normal Display in Still Picture Capture Mode 78 1 2 3 9 38 10 11 12 13 14 4 5 6 1/250 F3.5 +1.0 03/03/2011 14:25 15 16 17 18 1 2 3 4 5 6 7 8 9 10 Shooting mode (p.67) 11 Face Detection mode (p.69) 12 D-Range Setting (p.95) Shake Reduction setting (p.102) 13 Shutter speed 14 Aperture 15 Flash Mode (p.88) 16 Drive Mode (p.84, p.

85) 17 Focus Mode (p.89) 18 Digital Zoom/Intelligent Zoom icon (p.73) Memory status (p.40) Remaining image storage capacity Battery level indicator (p.35) Focus frame (p.64) Current date and time (p.46) EV Compensation (p.94) Date Imprint setting (p.106) World Time setting (p.168) * 2 varies depending on the [Face Detection] setting in the [A Rec.

Mode] menu. I J When [Face Detection] is set to [On] When [Face Detection] is set to [Smile] If set to [Off], nothing appears in 2. 21 * 3 varies depending on the [D-Range Setting] setting in the [A Rec. Mode] menu. P Q O When [Highlight Correction] is set to O (On) When [Shadow Correction] is set to O (On) When [Highlight Correction] and [Shadow Correction] are both set to O (On) If [Highlight Correction] and [Shadow Correction] are both set to P (Off), nothing appears in 3.

* 4 varies depending on the following conditions. M l When [Shake Reduction] in the [A Rec. Mode] menu is set to O (On) When [Shake Reduction] is set to P (Off) (If the camera shake is likely to occur, f is indicated when the shutter button is pressed halfway.) * 5 and 6 appear only when the shutter release button is pressed halfway. * For 9, when the focus mode is set to = and the Auto-Macro function is activated, the q appears on the display (p.

89). * Some indications may not appear depending on the shooting mode. Histogram + Info/No Info Display in Still Picture Capture Mode A1 to A18 and B1 appear when "Histogram + Info" is selected. Only B1 appears when "No Info" is selected. A5 A6 A7 A1 A2 A3 B1 A4 B2 B3 38 200 1/250 F3.5 A8 A9 A10 A11 A12 A13 A14 A15 A16 +1.0 +1.0 A17 A18 22 Shooting mode (p.67) A11 Battery level indicator (p.35) Face Detection mode (p.

69) A12 Recorded Pixels (p.92) D-Range Setting (p.95) A13 White Balance (p.96) Shake Reduction setting (p.102) A14 AE Metering (p.98) Flash Mode (p.88) A15 Sensitivity (p.99) Drive Mode (p.84, p.85) A16 Histogram (p.

26) Focus Mode (p.89) A17 EV Compensation (p.94) Digital Zoom/ A18 Date Imprint setting (p.106) Intelligent Zoom icon (p.73) B1 Focus frame (p. 64) A9 Memory status (p.40) B2 Shutter speed A10 Remaining image storage capacity B3 Aperture A1 A2 A3 A4 A5 A6 A7 A8 * A2 varies depending on the [Face Detection] setting in the [A Rec. Mode] menu. I J When [Face Detection] is set to [On] When [Face Detection] is set to [Smile] If set to [Off], nothing appears in A2. * A3 varies depending on the [D-Range Setting] setting in the [A Rec.

Mode] menu. P Q O When [Highlight Correction] is set to O (On) When [Shadow Correction] is set to O (On) When [Highlight Correction] and [Shadow Correction] are both set to O (On) If [Highlight Correction] and [Shadow Correction] are both set to P (Off), nothing appears in A3. * A4 varies depending on the following conditions. M l When [Shake Reduction] in the [A Rec. Mode] menu is set to O (On) When [Shake Reduction] is set to P (Off) (If the camera shake is likely to occur, f is indicated when the shutter button is pressed halfway.) * B2 and B3 appear only when the shutter release button is pressed halfway. * When the shooting mode is b (Auto Picture) and if you press the shutter release button halfway, the automatically selected shooting mode appears in A1 even when "No Info" is selected (p.70). * Some indications may not appear depending on the shooting mode. 23 Display in Q Mode The display shows the shooting information of the image in the playback mode.

The display changes in the following sequence each time you press the 4/W button: "Normal Display", "Histogram + Info" and "No Info". Normal Display 100 - 0038 Edit 03/03/2011 14:25 OK Histogram + Info 100 - 0038 OK 14M 200 1/250 F3.5 Edit 03/03/2011 14:25 OK No Info Edit 24 Normal Display/Histogram + Info Display in Playback Mode (All of the display items are displayed here for explanatory purposes.) The display shows information such as the shooting conditions. A1 to A10 appear when "Normal Display" or "Histogram + Info" is selected. B1 to B7 appear only when "Histogram + Info" is selected. A3 A2 A1 B1 B2 B3 B4 B5 B6 100 - 0038 A4 A5 A6 A7 A8 200 1/250 F3.5 B7 Edit 03/03/2011 14:25 A9 A10 A1 Playback mode Q : Still picture (p.116) K : Movie (p.117) L : Sound (p.

159) Protect icon (p.129) A2 A3 Voice memo icon (p.162) A4 Memory status (p.40) A5 Folder number (p.172) A6 File number A7 Battery level indicator (p. 35) A8 Volume icon A9 Captured date and time (p.46) A10 Four-way controller guide B1 Recorded Pixels (p.92) B2 White Balance (p.96) B3 AE Metering (p.98) B4 Sensitivity (p.

99) B5 Shutter speed B6 Aperture B7 Histogram (p.26) * In "Normal Display", A7 and A9 disappear if no operation is performed for two seconds. * A8 appears only when the volume is being adjusted during playback of movies, sound files or voice memos (p.117, p.159, p.162). * A10 appears even when "No Info" is selected, but disappears if no operation is performed for two seconds. When no operation is performed for two seconds in "Normal Display" or "Histogram + Info", only "Edit" disappears. 25 Guide Indications A guide indication for each available button/key operation appears as follows on the display during operation. 2 3 4 5 MENU Four-way controller (2) Four-way controller (3) Four-way controller (4) Four-way controller (5) 3 button Zoom button OK SHUTTER 4/W button Shutter release button Green/i button X, i Using the Histogram A histogram shows the brightness distribution of an image.

The horizontal axis represents brightness (dark at the left and bright at the right) and the vertical axis represents the number of pixels. The shape of the histogram (Dark) Brightness (Bright) before and after shooting tells you whether the brightness and contrast are correct or not, and lets you decide if you need to adjust the exposure and take a picture again. Compensating for Exposure (EV Compensation) 1p.94 Number of pixels Understanding Brightness If the brightness is correct, the graph peaks in the middle. If the image is underexposed, the peak is on the left side, and if it is overexposed, the peak is on the right side. Dark image Correct image Bright image 26 When the image is underexposed, the part to the left is cut off (dark portions) and when the image is overexposed, the part to the right is cut off (bright portions). Understanding Contrast The graph peaks gradually for images in which contrast is balanced.



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The graph peaks on both sides but sinks in the middle for images with a large difference in contrast and low amounts of mid-level brightness. 27 Memo 28 I
Getting Started Attaching the Strap ..

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40 Initial Settings

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..... 42 Attaching the Strap Attach the strap (O-ST116) supplied with the camera. 1 Getting Started 2 1 1 2 Pass the narrow end of the strap through the strap lug.

Pass the other end of the strap through the loop and pull tight. 30 Powering the Camera Installing the Battery Use the rechargeable lithium-ion battery D-LI78 that is provided with the camera. 1 Getting Started Battery/ card cover Battery Battery lock lever 1 2 Make sure that the camera is turned off and open the battery/card cover. Slide the battery/card cover in the direction indicated by the arrow 1 and flip the cover open 2. Push the battery lock lever in the direction of the arrow 3 and insert the battery so that the PENTAX logo is facing toward the screen display. Match the marks on the battery to the marks inside the battery compartment and push the battery in until it is locked in place. Make sure that the battery is inserted with the PENTAX logo facing toward the screen display. If the battery is incorrectly oriented, malfunction may result. 31 3 1 Getting Started 32 Close the battery/card cover. Slide the battery/card cover in the opposite direction indicated by 1.

When you hear a click, the cover is securely closed. Charge the battery before using it in the camera for the first time. (p.33) To Remove the Battery 1 2 Make sure that the camera is turned off and open the battery/card cover. Push the battery lock lever in the direction of the arrow 3.

The battery will be ejected. Take care not to drop the battery when removing it. · This camera uses a rechargeable lithium-ion battery D-LI78. Use of any other type of battery may damage the camera and cause a malfunction. · Insert the battery correctly.

If the battery is incorrectly oriented, malfunction may result. · When storing the battery for more than 6 months, charge the battery for 30 minutes and store the battery separately from the camera. Be sure to recharge the battery every 6 to 12 months. Storing the battery at or below room temperature is ideal. Avoid storing it at high temperature. · The date and time may be returned to the default setting if the camera is left without the battery for a long time. · Be careful as the camera or the battery may become hot when the camera is used continuously for a long period of time. Charging the Battery Charge the battery from a power outlet using the provided power adapter (D-PA116) and USB cable (I-USB116) before using it for the first time, after a long period of non-use, or when the [Battery depleted] message appears. 4 1 Getting Started To power outlet Power adapter Self-timer lamp While charging: Turns on Charging finished: Turns off 3 2 USB cable 1 2 3 4 5 Make sure that the battery is installed in the camera. Face the } mark on the USB cable towards the 4 mark on the camera, and connect the cable to the PC/AV terminal.

Connect the other end of the USB cable to the power adapter. Plug the power adapter into the power outlet. The self-timer lamp turns on while the battery is charging and turns off when charging is finished. Unplug the power adapter from the power outlet, and disconnect the USB cable from your camera. 33 1 Getting Started 34 · Do not use the power adapter D-PA116 to charge batteries other than the rechargeable lithium-ion battery D-LI78, as the adapter may overheat or be damaged. · Make sure that the battery has been inserted correctly and the cable is connected properly if the self-timer lamp blinks. · Replace the battery with a new one in the following cases: - If the battery starts to run down more quickly (the battery may have reached the end of its service life) - If the self-timer lamp does not light or blinks even after being charged (the battery may be faulty) · The time required to fully charge the battery is about 140 minutes (max.). (The charging time may vary depending on the ambient temperature and charging conditions.) The appropriate ambient temperature for charging the battery is 0°C to 40°C (32°F to 104°F).

· The rechargeable lithium-ion battery D-LI78 can also be charged using the optional battery charger D-BC78. · Do not attempt to charge the battery by connecting the USB cable to a computer, etc. · Image Storage Capacity, Movie Recording Time, Sound Recording Time, and Playback Time (at 23°C with the display on and the battery fully charged) Image Storage Capacity*1 (flash used for 50% of shots) Approx. 180 pictures Movie Recording Time*2 Approx. 70 min.

Sound Recording Time*2 Approx. 110 min. Playback Time*2 Approx. 120 min. *1 Image Storage Capacity shows the approximate number of shots recorded during CIPA-compliant testing (with display on, flash used for 50% of the shots, and 23 degrees centigrade).

Actual performance may vary according to operating conditions. *2 According to the result of in-house testing. · In general, battery performance may temporarily deteriorate as the temperature decreases. · Be sure to take a spare battery with you when traveling abroad or to a cold region, or if you intend to take a lot of pictures. · Battery Level Indicator You can check the battery level by the indicator on the display. Screen Display (green) (green) (yellow) (red) [Battery depleted] Battery Status Adequate power remains. Battery is running low. Battery is running very low. Battery is exhausted. The camera will turn off after this message appears.

1 Getting Started 35 Installing an SD Memory Card This camera uses a commercially available SD Memory Card, SDHC Memory Card, or SDXC Memory Card. (These cards are referred to as SD Memory Cards hereafter.) Captured images and sound files are saved on the SD Memory Card when a card is inserted in the camera. They are saved in the built-in memory when a card is not inserted (p.40). Be sure to use this camera to format (initialize) an SD Memory Card that is unused or has been used on other cameras or digital devices. Refer to "Formatting an SD Memory Card" (p.164) for instructions on formatting. · The still picture storage capacity and movie recording time vary depending on the capacity of the SD Memory Card and the selected number of recorded pixels (p.39).

· The self-timer lamp blinks while the SD Memory Card is being accessed (data is being recorded or read). 1 Getting Started 36 Backing Up Data The camera may not be able to access data in the SD Memory Card or built-in memory in the case of a malfunction. Use a computer or other device to back up important data in another location. 1 Getting Started Battery/card cover SD Memory Card socket SD Memory Card 1 2 Make sure that the camera is turned off and open the battery/card cover.



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Slide the battery/card cover in the direction indicated by the arrow 1 and flip the cover open 2.

Insert the SD Memory Card into the SD Memory Card socket so that the label is facing toward the front of the camera (the side with the lens). Push the card in until it clicks. Data may not be recorded correctly if the card is not inserted all the way. 3 Close the battery/card cover. Slide the battery/card cover in the opposite direction indicated by 1.

When you hear a click, the cover is securely closed. To Remove the SD Memory Card 1 2 Make sure that the camera is turned off and open the battery/card cover. Push the card into the SD Memory Card socket to eject it. Pull the card out. 37 Precautions When Using an SD Memory Card · The SD Memory Card is equipped with a writeprotect switch. Setting the switch to LOCK prevents new data from being recorded on the card, the stored data from being deleted, and the card from being formatted by the camera or Write-protect computer. r appears on the display when the card is switch write-protected. · Care should be taken when removing the SD Memory Card immediately after using the camera, as the card may be hot. · Keep the card cover closed and do not remove the card or turn the camera off while the data is being played back or saved to the card, or the camera is connected to a computer with the USB cable, as 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 temperature. · Do not remove the SD Memory Card during formatting as this may damage the card and render it unusable. · The data on the SD Memory Card may be deleted in the following circumstances. We do not accept any liability for data that is deleted (1) when the SD Memory Card is mishandled by the user. (2) when the SD Memory Card is exposed to static electricity or electrical interference. (3) when the SD Memory Card has not been used for a long time. (4) when the SD Memory Card is ejected or the battery is removed while the data on the card is being recorded or accessed. · 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. · When using an SD Memory Card with a slow recording speed, recording may stop while you are taking movies even when there is adequate space in the memory, or shooting and playback may take a long time. · Be sure to format SD Memory Cards that are unused or have been used on another camera. Refer to "Formatting an SD Memory Card" (p.164).

1 Getting Started 38 Number of Recordable Images The file sizes of the recorded images vary depending on the number of recorded pixels of the images, so the number of images that can be saved on an SD Memory Card or in the built-in memory also varies. Choose the appropriate number of recorded pixels for still pictures on the [A Rec. Mode] menu. Selecting the Number of Recorded Pixels 1p.92 1 Getting Started Choose the appropriate number of recorded pixels and frame rate on the [C Movie] menu.

Selecting the Recorded Pixels and Frame Rate for Movies 1p.111 For an approximate guide to the number of images or the length of recorded movies that can be saved on an SD Memory Card or in the built-in memory, see "Main Specifications" (p.210). 39 Turning the Camera On and Off Power switch 1 Getting Started 1 Press the power switch. The camera turns on and the display turns on. When you turn the camera on, the lens cover opens and the lens extends. If the [Language/u] screen or [Date Adjustment] screen appears when you turn the camera on, follow the procedure on p.42 to set the display language and/or current date and time. 2 Press the power switch again. The display turns off, the lens closes, and the camera turns off.

Taking Still Pictures 1p.64 Checking the SD Memory Card The SD Memory Card is checked when the camera turns on and the memory status is displayed. Memory status 38 a + r 40 The SD Memory Card is inserted. Images and sound files will be saved on the SD Memory Card. The SD Memory Card is not inserted. Images and sound files will be saved in the built-in memory. The write-protect switch on the SD Memory Card is in the LOCK position (p.38). Images and sounds cannot be recorded. 03/03/2011 14:25 Starting-up in the Playback Mode If you want to play back images or sound files straightaway without taking any pictures, you can start up the camera in the playback mode.

Power switch 1 Getting Started Q button 1 Press the power switch while holding down the Q button. The display turns on with the lens retracted and the camera turns on in the playback mode. To switch from the playback mode to the capture mode, press the Q button or press the shutter release button halfway.

Playing Back Still Pictures 1p.116 41 Initial Settings The [Language/u] screen appears when the camera is turned on for the first time.

Perform the operations in "Setting the Display Language" below to set the language, and in "Setting the Date and Time" (p.46) to set the current date and time. The language, date, and time can be changed later. Refer to the pages below for instructions. · To change the language, follow the steps in "Changing the Display Language" (1p.

171). · To change the date and time, follow the steps in "Changing the Date and Time" (1p.166). 1 Getting Started 42 Setting the Display Language Four-way controller 4 button 3 button 1 Use the four-way controller (2345) to choose the desired display language. English Dansk Deutsch Svenska Suomi Polski Italiano Nederlands Magyar MENU Cancel OK OK 2 Press the 4 button. The [Initial Setting] screen appears in the selected language. If the desired settings for [Hometown] and [DST] (Daylight Saving Time) appear, proceed to Step 3. Proceed to "To Set Hometown and DST" (p.45) if the desired settings do not appear. Initial Setting English Hometown New York Settings complete MENU Cancel 1 Getting Started DST OFF Daylight saving time 3 Press the four-way controller (3) twice to select [Settings complete].

Initial Setting English Hometown New York Settings complete MENU Cancel OK DST OFF OK 4 Press the 4 button. The [Date Adjustment] screen appears. Set the date and time by following the procedure in "Setting the Date and Time" (p.46). 43 If you accidentally select the wrong language and proceed to the next procedure, perform the following operation to set the desired language. 1 Getting Started 44 When the Wrong Language Has Been Inadvertently Selected 1 2 Press the four-way controller (5).



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Use the four-way controller (2345) to select the desired language and press the 4 button. The [Initial Setting] screen appears in the selected language. When the Screen After Step 2 Appears in the Wrong Language 1 2 3 4 5 6 7 Press the 3 button. The setting screen is canceled and the camera is set to still picture capture mode.

Press the 3 button. The [A Rec. Mode] menu appears. Press the four-way controller (5) twice. The [W Setting] menu appears.

Use the four-way controller (23) to select [Language/u]. Press the four-way controller (5). The [Language/u] screen appears. Use the four-way controller (2345) to select the desired language. Press the 4 button.

The [W Setting] menu appears in the selected language. To reset the Hometown city, date, and time, refer to the pages below for instructions. · To change the Hometown city, follow the steps in "Setting the World Time" (1p.168). · To change the date and time, follow the steps in "Changing the Date and Time" (1p.166). To Set Hometown and DST 3 4 Press the four-way controller (3). The frame moves to [W Hometown]. 1 Getting Started Initial Setting English Hometown New York Settings complete MENU Cancel Press the four-way controller (5). The [W Hometown] screen appears.

5 Use the four-way controller (45) to choose a city. Hometown City DST New York OK MENU Cancel OK 6 7 8 9 Press the four-way controller (3). The frame moves to [DST] (Daylight Saving Time). Use the four-way controller (45) to select O (On) or P (Off). Press the 4 button. The [Initial Setting] screen reappears. Press the four-way controller (3) to select [Settings complete]. Initial Setting English Hometown New York Settings complete MENU Cancel OK DST OFF OK 10 Press the 4 button. The [Date Adjustment] screen appears. Next, set the date and time.

45 1 Getting Started 46 The video output format (NTSC/PAL) is set to the format of the city selected in [Hometown] on the [Initial Setting] screen. Refer to "List of World Time Cities" (p.207) for the video output format of each city that will be set at the time of initial setting, and "Changing the Video Output Format" (p.173) for changing the video output format. Setting the Date and Time Set the current date and time and the display style.

1 2 Press the four-way controller (5). The frame moves to [mm/dd/yy]. Use the four-way controller (23) to choose the date format. Choose from [mm/dd/yy], [dd/mm/yy] or [yy/mm/dd]. Date Adjustment Date Format mm/dd / yy 24h Date Time MENU Cancel 01/01/2011 00:00 Settings complete 3 4 Press the four-way controller (5).

The frame moves to [24h]. Use the four-way controller (23) to select [24h] (24-hour display) or [12h] (12-hour display). Date Adjustment Date Format mm/dd / yy 24h Date Time MENU Cancel 01/01/2011 00:00 Settings complete 5 6 Press the four-way controller (5). The frame returns to [Date Format].

Press the four-way controller (3). The frame moves to [Date]. 7 8 Press the four-way controller (5). The frame moves to the month. Use the four-way controller (23) to change the month. Change the day and year in the same manner.

Next, change the time. If you selected [12h] in Step 4, the camera automatically switches the display between am and pm corresponding to the time. Date Adjustment Date Format mm/dd / yy 24h 1 Getting Started Date Time MENU Cancel 01/01/2011 00:00 Settings complete 9 Press the four-way controller (3) to select [Settings complete]. Date Adjustment Date Format mm/dd / yy 24h 01/01/2011 00:00 Settings complete MENU Cancel OK Date Time OK 10 Press the 4 button. This confirms the date and time. If you press the 4 button in Step 10, the camera clock is reset to 0 seconds. To set the exact time, press the 4 button when the time signal (on the TV, radio, etc.) reaches 0 seconds. When the [Initial Setting] or [Date Adjustment] screen is displayed, you can cancel the settings made up to that point and switch to the capture mode by pressing the 3 button. In this case, the [Initial Setting] screen will appear again the next time you turn the camera on.

The language, date, time, Hometown city, and DST setting can be changed. Refer to the pages below for instructions. · To change the language, follow the steps in "Changing the Display Language" (1p.171). · To change the date and time, follow the steps in "Changing the Date and Time" (1p.166). · To change the Hometown city or DST setting, follow the steps in "Setting the World Time" (1p.168). 47 Memo 48 2 Common Operations

Understanding the Button Functions ..
... 50 Setting the Camera Functions

55 Understanding the Button Functions A Mode 2 Common Operations 1 2 3 4 5 6 7 8 9 1 2 Power switch Turns the camera on and off (p.40). Shutter release button Focuses the camera on the subject when pressed halfway in still picture capture mode (except in 3, s and \ modes). Takes a still picture when pressed down fully (p.65).

Starts and stops sound file recording in Voice Recording (p.159). 3 Zoom button Changes the area captured by the camera (p.73). Switches to the [A Rec. Mode] menu, [C Movie] menu, or [W Setting] menu when a menu screen is displayed. 4 Q button Switches to the Q mode (p.54). 50 5 6 C button Starts and stops movie recording (p.109). Four-way controller 2 3 4 5 23 Changes the drive mode (p.84, p.85). Displays the Capture Mode Palette (p.67).

Changes the flash mode (p.88). Changes the focus mode (p.89). Adjusts the focus when the focus mode is set to \ (p.90). 2 Common Operations 7 8 4/W button Changes the information on the display (p.20). Green button Switches to the 9 (Green) mode (p.72).

Calls up the assigned function (p.107). 9 3 button Displays the [A Rec. Mode] menu (p.55).

51 Q Mode 1 2 2 Common Operations 3 4 5 6 7 8 1 2 3 Power switch Turns the camera on and off (p.40). Shutter release button Switches to A mode (p.54).

Zoom button Press towards the left (f) during single-image display to change to four-image display.

Changes to nine-image display when pressed towards the left again. Returns to the previous display when pressed towards the right (y) (p.118). Enlarges the image when pressed towards the right (y) during singleimage display. Returns to the previous display when pressed towards the left (f) (p.125). Press towards the left (f) during nine-image display to change to folder or calendar display (p.119). Press towards the right (y) during folder/calendar display to change to nine-image display (p.119).

Adjusts the volume during playback of movies, sound files or voice memos (p.117, p.159, p.162). 4 Q button Switches to A mode (p.54). 52 5 Four-way controller 2 3 45 Plays back and pauses a movie or sound file (p.117, p.159). Displays the Playback Mode Palette (p.120). Stops a movie or sound file during playback (p.



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117, p.159). Displays the previous or next image or sound file during single-image display (p. 116). Fast-forwards, fast-reverses, frame forwards, frame reverses, plays back a movie in forward and reverse during movie playback (p.117). Fast-forwards, fast-reverses, and moves to the next index during sound playback (p.159).

Selects an image during four-/nine-image display, a folder during folder display, and a date during calendar display (p.118, p.119). Moves the display area during zoom display (p.125). Moves the image when using the Frame Composite function (p.145). 2 Common Operations 2345 6 4/W button Changes the information on the display (p.24). Returns to single-image display during four-/nine-image display or zoom display (p. 118, p.125). Changes to nine-image display of the selected folder during folder display (p.119). Changes to single-image display of the selected date during calendar display (p.119). 7 Green/i button Switches from single-image display to the Delete screen (p.126). Switches from four-/nine-image display to the Select & Delete screen (p.127).

Switches from folder display to the calendar display screen (p.119). Switches from calendar display to the folder display screen (p.119). 8 3 button Displays the [W Setting] menu during single-image display (p. 55). Returns to single-image display during Playback Mode Palette display (p.120). Returns to single-image display during four-/nine-image display or zoom display (p.118).

Changes to nine-image display during folder or calendar display (p.119). 53 Switching Between A Mode and Q Mode In this manual, the capture mode, such as for taking still pictures, is referred to as "A mode" (the capture mode). The playback mode, such as for viewing the captured images on the display, is referred to as "Q mode" (the playback mode). In Q mode, you can perform simple editing operations on the captured images. Follow the procedure below to switch between A mode and Q mode. To Switch from A Mode to Q Mode 2 Common Operations 54 1 1 Press the Q button. The camera switches to Q mode. To Switch from Q Mode to A Mode Press the Q button or the shutter release button halfway. The camera switches to A mode.

Displaying the data stored in the built-in memory When an SD Memory Card is inserted in the camera, images, movies, and sound files stored on the SD Memory Card are displayed. If you want to display images, movies and sound files stored in the builtin memory, turn the camera off first, and then remove the SD Memory Card before proceeding. Make sure that the camera is turned off before inserting or removing the SD Memory Card. Setting the Camera Functions To change the camera settings, press the 3 button to display the menu screens. Functions for playing back and editing images and sound files are called up from the Playback Mode Palette (p.120). Operating the Menus There are three menus available with the camera: [A Rec. Mode], [C Movie], and [W Setting]. Press the 3 button in A mode to display the [A Rec. Mode] menu.

Press the 3 button in Q mode to display the [W Setting] menu. Use the four-way controller (45) or zoom button to switch between the menus. Rec. Mode 1/3 Recorded Pixels White Balance AWB Focusing Area AE Metering Sensitivity Auto EV Compensation 0.0 MENU Exit 2 Common Operations Setting 1/3 Movie Recorded Pixels Movie SR 1/1 Sound Date Adjustment 01/01/2011 World Time English Folder Name Date USB Connection MSC MENU Exit MENU Exit Available button operations appear on the display during menu operation (p. 26). 55 Ex.) To set [Focusing Area] on the [A Rec. Mode] menu 1 2 2 Common Operations 56 Press the 3 button in A mode. The [A Rec. Mode] menu appears. Press the four-way controller (3). The frame moves to [Recorded Pixels]. Rec. Mode 1/3 Recorded Pixels White Balance AWB Focusing Area AE Metering Auto Sensitivity EV Compensation 0.0 MENU Exit 3 4 Press the four-way controller (3) twice. The frame moves to [Focusing Area]. Press the four-way controller (5). A pull-down menu appears only with the items that are available with the current camera settings. Rec. Mode 1/3 Recorded Pixels White Balance AWB Focusing Area AE Metering Sensitivity Auto EV Compensation 0.0 MENU Exit 5 Use the four-way controller (23) to change the setting. The focusing area changes each time the four-way controller (23) is pressed. Rec. Mode 1/3 Recorded Pixels White Balance AWB Focusing Area AE Metering Sensitivity EV Compensation 0.0 MENU Cancel OK OK 6 Press the 4 button or the four-way controller (4). The setting is saved and then the camera is ready for setting the other functions. To exit the setting operation, press the 3 button. To perform another operation, refer to the following alternate Step 6 options. To Save the Setting and Start Taking Pictures 6 Press the shutter release button halfway. The setting is saved and the camera returns to capture status. When the shutter release button is pressed fully, the picture is taken. When the [W Setting] menu is displayed from Q mode, you can switch to A mode by pressing the Q button. 2 Common Operations To Save the Setting and Start Playback of Images 6 Press the Q button. When the [A Rec. Mode] menu is displayed from A mode, the setting is saved and the camera returns to playback status. To Cancel the Changes and Continue with Menu Operations 6 Press the 3 button. The changes are canceled and the screen shown in Step 3 reappears. The 3 button function varies depending on the screen. Refer to the guide indications.

MENU Exit MENU MENU Cancel Exits the menu and returns to the original screen. Returns to the previous screen with the current setting. Cancels the current selection, exits the menu and returns to the previous screen. 57 Menu List This displays the items that can be set from the menus and provides descriptions of each item. See the list of default settings in the Appendix "Default Settings" (p.202) to check whether the settings are saved when the camera is turned off and whether the settings return to the defaults when the camera is reset. [A Rec. Mode] Menu Item Description Recorded Pixels For choosing the number of recorded pixels of still pictures For adjusting the color balance according to the light White Balance conditions Focusing Area For changing the autofocus area For setting the area of the screen that is metered to AE Metering determine the exposure Sensitivity For setting the sensitivity EV Compensation For adjusting the overall brightness of the picture Highlight For adjusting the bright areas when the image is Correction overexposed Shadow Correction For adjusting the dark areas when the image is underexposed For choosing whether to correct camera shake when taking still pictures For spotting the faces in your shot and automatically adjusting the focus and exposure for the faces For choosing whether to use the Blink Detection function when the Face Detection function is activated For choosing whether or not to use the Digital Zoom function For choosing whether to display Instant Review For choosing whether to save the set values of the shooting function or return to the defaults when the camera is turned off For assigning a function to the Green button so that you can go straight to it in A mode For choosing sharp or soft outlines For setting the color saturation For setting the image contrast level For choosing whether to imprint the date and/or time when taking still pictures Page p.



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91 p.98 p.99 p.94 p.95 2 Common Operations 58 D-Range Setting Shake Reduction Face Detection Blink Detection Digital Zoom Instant Review Memory Green Button Sharpness Saturation Contrast Date Imprint p.102 p.100 p.74 p.103 p.113 p.

107 p.104 p.105 p.105 p.106 [A Rec.

Mode] Menu 1 Rec. Mode 1/3 [A Rec. Mode] Menu 2 Rec. Mode 2/3 Recorded Pixels White Balance AWB Focusing Area AE Metering Sensitivity Auto EV Compensation 0.0 MENU Exit D-Range Setting Shake Reduction Face Detection On Blink Detection Digital Zoom Instant Review MENU 2 Common Operations Exit [A Rec.

Mode] Menu 3 Rec. Mode Memory Green Button Sharpness Saturation Contrast Date Imprint MENU Exit 3/3 Off · Use the 9 (Green) mode to enjoy easy picture-taking using standard settings, regardless of the settings in the [A Rec. Mode] menu (p.72). · Assigning a frequently used function to the Green button enables you to go straight to the desired function (p.107). [C Movie] Menu Item Recorded Pixels Movie SR Description Page For choosing the number of recorded pixels of movies p.111 For choosing whether or not to use the movie shake p.112 reduction function Movie Recorded Pixels Movie SR 1/1 MENU Exit 59 [W Setting] Menu Item Sound Date Adjustment World Time Language/u Folder Name USB Connection Video Out Brightness Level Power Saving Auto Power Off Reset Delete All Pixel Mapping Format Description For adjusting the operation volume and playback volume, and setting the start-up sound, shutter sound, key operation sound and self-timer sound For adjusting the date and time For setting the Hometown city and Destination city For setting the language in which menus and messages appear For choosing how names are assigned to folders for storing images and sound files For setting the USB connection mode (MSC or PTP) when connected to a computer via the USB cable For setting the output format to AV equipment For changing the brightness of the display For setting the time until the camera enters the powersaving mode For setting the time until the camera turns off automatically For returning settings to their defaults For deleting all the saved images and sound files at once For mapping out and correcting any defective pixels in the CCD sensor For formatting an SD Memory Card Page p.165 p.

166 p.168 p.171 p.172 p.182 p.173 p.174 p.175 p.176 p.179 p.

128 p.178 p.164 2 Common Operations 60 [W Setting] Menu 1 Setting 1/3 [W Setting] Menu 2 Setting Video Out NTSC Brightness Level Power Saving 5s e c . Auto Power Off 3min. Reset Delete All MENU Exit 2/3 Sound Date Adjustment 01/01/2011 World Time English Folder Name Date USB Connection MSC MENU Exit 2 Common Operations [W Setting] Menu 3 Setting Pixel Mapping Format 3/3 MENU Exit 61 Memo 62 3 Taking Pictures Taking Still Pictures .

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... 64 Setting the Shooting Functions ..

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... 113 Taking Still Pictures Shutter release button Power switch Zoom button Four-way controller 4 button Green button 3 Taking Pictures 64 Taking Pictures The Optio S1 features a wide range of shooting modes and functions to suit almost any subject or scene. This chapter describes how to take pictures with the most commonly used standard settings (the factory default settings). 1 2 Press the power switch. The camera turns on in the "still picture capture mode". Make sure of the subject and shooting information on the display. The focus frame in the middle of the display indicates the zone of automatic focusing. 38 03/03/2011 14:25 Focus frame When the camera detects a person's face, the Face Detection function is activated and the face detection frame appears (p.

69). You can change the captured area by pressing the zoom button (p.73). Right (x) Enlarges the subject. Left (w) Widens the area that is captured by the camera. 38 03/03/2011 14:25 Face detection frame 3 Press the shutter release button halfway. The focus frame (or face detection frame) on the display turns green when the camera focuses on the subject at the correct distance. 38 1/250 F4.6 03/03/2011 14:25 4 Press the shutter release button fully. The picture is taken.

The flash discharges automatically depending on the light conditions. The captured image appears on the display (Instant Review: p.67) and is saved to the SD Memory Card or the built-in memory. Press the Green button to switch to the 9 (Green) mode and let the camera set all the shooting functions automatically (p.72).

3 Taking Pictures 65 Using the Shutter Release Button The shutter release button works in a two-step action as follows. Press halfway This refers to pressing the shutter release button gently to the first position. This locks the focus setting and the exposure. The green focus frame is displayed on the monitor when the shutter release button is pressed halfway and the subject is in focus. If the subject is out of focus, the white focus frame appears.

3 Taking Pictures 66 Press fully This refers to pressing the shutter release button all the way down to the fully depressed position. This takes a picture. Not pressed Pressed halfway Pressed fully (first position) (second position) Poor focusing conditions The camera may not be able to focus under the following conditions. In these cases, lock the focus on an object the same distance away as the subject (by pressing and holding the shutter release button halfway), then aim the camera at your subject and press the shutter release button fully. · Objects that lack contrast such as a blue sky or white wall · Dark places or objects, or conditions that prevent light from being reflected back · Horizontal lines or intricate patterns · Fast moving objects · When there is an object in the foreground and an object in the background in the captured area · Strongly reflected light or strong backlighting (bright background) Instant Review and Blink Detection Immediately after capturing an image, it appears on the screen display for 1 second (Instant Review). If the camera detects that the subject's eyes are closed while the Face Detection function (p.69) is activated, the message [Closed eyes have been detected] appears for 3 seconds (Blink Detection). · When the Face Detection function does not work, Blink Detection also does not function. Even if the subjects' faces are detected, Blink Detection may not

function depending on the condition of the detected faces. · You can also disable the Blink Detection function (p.

100). 3 Taking Pictures Setting the Shooting Mode The Optio S1 has a variety of shooting modes that let you take pictures in different situations simply by choosing the appropriate mode for the particular situation from the Capture Mode Palette. 1 2 Press the four-way controller (3) in A mode. The Capture Mode Palette appears. Use the four-way controller (2345) to choose a shooting mode.



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