



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for OLYMPUS SP-500UZ. You'll find the answers to all your questions on the OLYMPUS SP-500UZ in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual OLYMPUS SP-500UZ**  
**User guide OLYMPUS SP-500UZ**  
**Operating instructions OLYMPUS SP-500UZ**  
**Instructions for use OLYMPUS SP-500UZ**  
**Instruction manual OLYMPUS SP-500UZ**

**OLYMPUS®**

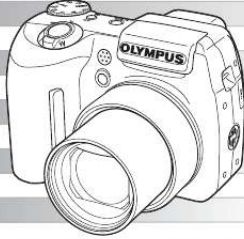
DIGITAL CAMERA

## SP-500 UZ

### Advanced Manual

Detailed explanations of all the functions for getting the most out of your camera.

	Basic Operation
	Basic Shooting
	Advanced Shooting
	Playing Back
	Printing
	Online Pictures
	Camera Settings



- Thank you for purchasing an Olympus digital camera. Before you start to use your new camera, please read these instructions carefully to enjoy optimum performance and a longer service life. Keep this manual in a safe place for future reference.
- We recommend that you take test shots to get accustomed to your camera before taking important photographs.
- In the interest of continually improving products, Olympus reserves the right to update or modify information contained in this manual.



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**Manual abstract:**

@@@Go ahead and take some pictures! You will also find information on the camera's main functions as well as how to make prints and enjoy your pictures on a computer. This manual introduces you to the camera's many functions after you have mastered the basics. It will help you to use the camera's capabilities to take much more creative pictures, with more fun! Advanced Manual (Indications used in this manual Below is an explanation of how to read the instructions in this manual. Please read it carefully before proceeding. Note Important information on factors which may lead to a malfunction or operational problems. Also warns of operations that should be absolutely avoided. TIPS Useful information and hints that will help you get the most out of your camera. g Reference pages describing details or associated information. 2 Composition of the manual You'll find important points for getting the most out of your camera here. Read this part before taking pictures.

Basic operation Tips before you start taking pictures Basic shooting functions P. 9 1 2 3 4 5 6 7 8 9 10 11 P. 21 P. 34 Explanations of techniques from basic to advanced, giving you an understanding of all the functions related to taking pictures. Advanced shooting functions Additional shooting functions P. 48 P. 64 To view, edit and sort the pictures you have taken. Playback P. 73 Settings to make your camera easier to use. Settings P. 103 To print the pictures you have taken. To enjoy the pictures you have taken on a computer. To use OLYMPUS Master. Printing pictures Connecting the camera to a computer P. 118 P. 134 Troubleshooting. For when you want to know the names of parts, see a list of menus, or find what you are looking for. Appendix P. 150 Miscellaneous P. 170 The title page of each chapter gives a short description of the contents.

Be sure to check it out. 3 Table of Contents How to use this manual.....

.....  
.....  
.....

.....  
.....  
.....  
.....

.. 2 Composition of the manual ...

.....  
.....  
.....  
.....  
.....

.. 3 1 Basic operation -----9 Mode dial...

.....  
.....  
.....  
.....

... 10 Direct buttons ..

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....

.. 12 Using the direct buttons in shooting mode ...

.....  
.....

. 12 Using the direct buttons in playback mode ....

.....  
.....

.... 13 Menus .

.....  
.....

.....  
.....

.....  
.....

.....  
.....

.....  
.....

.....  
.....

.....  
.....

.....  
.....

.... 14 About the menus .....

.....  
.....

.....  
.....

.....  
.....

.....  
.....

.....  
.....

..... 14 Using the menus ...

.....  
.....

.....  
.....

.....  
.....

.....  
.....

.....  
.....

.....  
.....

.....  
.....

17 Using the GUIDE function .....

.....  
.....

.....  
.....

.....  
.....

.... 19 How to read the procedure pages.

.....  
.....

.....  
.....

.....  
.....

.....

*.. 20 2 Tips before you start taking pictures - - - - 21 Turning the camera on and off ...*

.....

.....

.....

.....

.....

.....

.....

*22 If the correct focus cannot be obtained .....*

.....

.....

.....

.....

.....

*..... 23 How to focus (focus lock) .....*

.....

.....

.....

.....

.....

.....

.....

*..... 23 Subjects that are difficult to focus on .....*

.....

.....

.....

.....

*..... 24 Record mode ...*

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

*.... 25 Still picture record modes.....*

.....

.....

.....

.....

.....

.....

.....

*.... 25 Movie record modes.....*

.....

.....

.....

.....

.....  
.....  
.....  
.....

.. 27 Number of storable still pictures/remaining recording time .....

. 27 Changing the record mode....

.....  
.....

.....  
.....  
.....  
.....

..... 29 The internal memory and memory card .

.....  
.....  
.....

.....  
.....  
.....

... 31 The card .....

.....  
.....  
.....  
.....

.....  
.....  
.....  
.....

.....  
.....

.... 32 Inserting and removing the card.

.....  
.....

.....  
.....  
.....  
.....

..... 32 3 Basic shooting functions- ----- 34 Selecting a scene mode according to the situation.

.....  
.....  
.....

..... 35 Zooming in on your subject ....

.....  
.....  
.....

.....  
.....  
.....  
.....

..... 38 Using the zoom .

.....  
.....  
.....

.....  
.....



.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....

..... 45 Camera movement compensation .

.....  
.....  
.....

.....  
.....

... 47 Recording sound with movies ..

.....  
.....  
.....  
.....  
.....

..... 47 4 Advanced shooting functions - - - - - 48 Changing the aperture value for shooting pictures ....

.....  
.....

..... 49 Changing the shutter speed for shooting pictures ..

.....  
.....  
.....

. 50 Changing the aperture value and shutter speed for shooting pictures .....

.....  
.....  
.....

.... 51 My Mode .....

.....  
.....  
.....  
.....

.....  
.....  
.....  
.....

.....  
.....

.... 51 Focusing applications.

.....  
.....  
.....  
.....  
.....

.....  
.....  
.....  
.....

. 52 AF mode (iESP/SPOT/AREA).....

.....  
.....  
.....

..... 52 Manual focus (FOCUS MODE) .....

.....  
.....  
.....  
.....

..... 53 Fulltime AF ...

.....  
.....  
.....

.....  
.....  
.....  
.....

.....  
.....  
.....

..... 54 AF predict .

.....  
.....  
.....  
.....

.....  
.....  
.....  
.....

.....  
.....

54 AF lock .....

.....

.....  
.....  
.....  
.....

.....  
.....  
.....

..... 55 AF illuminator ..

.....  
.....  
.....

.....  
.....  
.....  
.....

.....  
.....  
.....



..... 56 Changing the area for measuring the brightness of a subject (ESP/ )....

.....  
.....  
.....  
.....

.....  
.....  
.....  
.....

.....  
.... 56 AE lock .

.....  
.....

.....  
.....  
.....  
.....

.....  
.....  
.....  
.....

.....  
57 Changing ISO sensitivity (ISO) .....

.....  
.....

.....  
.....  
.....  
.....

..... 58 Changing picture brightness ...

.....  
.....  
.....

.....  
.....  
.....  
.....

.. 58 Adjusting the white balance .....

.....  
.....  
.....

.....  
.....  
.....

..... 59 White balance compensation .....

.....  
.....  
.....  
.....

.....  
61 Adjusting a picture for recording (SHARPNESS/CONTRAST/SATURATION) .....

... 62 Reducing picture noise (NOISE REDUCTION) ..

.....

.....  
... 63 5 Additional shooting functions - - - - - 64 Sequential shooting ..

.....  
.....

.....  
.....

.... 65 Timelapse shooting .

.....

.....

.....

.....

.....

.....

..... 66 Self-timer shooting ..

.....

.....

.....

.....

.....

..... 67 Panorama shooting ...

.....

.....

.....

.....

.....

.....

.....

.. 68 Recording sound with still pictures .....

.....

.....

.....

..... 69 Changing the monitor and viewfinder display (DISP.  
/GUIDE) .....

.....

70 Histogram .....

.....

.....

.....

.....

.....

..... 71 Frame assist...

.....

.....  
.....

.....  
.....  
.....

.....  
.....  
.....

..... 72 5 Table of Contents 6 Playback ----- 73 Playing back still pictures ...

.....  
.....  
.....

.....  
.....  
.....

..... 74 Playing back pictures in a calendar (CALENDAR)...

.....  
.....

... 75 Picture rotation ..

.....  
.....  
.....  
.....

.....  
.....  
.....

..... 75 Playing back movies ..

.....  
.....  
.....

.....  
.....  
.....

.... 76 Selecting the position to begin movie playback (INDEX PLAY).....

.....  
.....  
.....

.....  
.....  
.....

.....  
.....

77 Playing back albums .....

.....  
.....  
.....  
.....

.....  
.....  
.....  
.. 78 Adding pictures to an album (ALBUM ENTRY).....

.....  
.....  
.... 78 Viewing pictures in albums (SEL.  
ALBUM) .....

.....  
.....  
.....  
... 80 Selecting an album cover (SELECT TITLE IMAGE) .....

.....  
.. 81 Undoing album entries (UNDO ENTRY) ...  
.....

.....  
.....  
.... 82 Erasing pictures from albums .  
.....

.....  
.....  
.....  
.....

..... 83 Slideshow ...  
.....  
.....

.....  
.....  
.....

.....  
.....  
.....  
..... 84 Adding sound to still pictures .

.....  
.....  
.....

.....  
.....  
.....  
.... 86 Editing still pictures (RAW DATA EDIT//REDEYE FIX/ BLACK & WHITE/SEPIA).....

.....  
.....  
.....

.....  
.....  
.... 87 Creating composite pictures (FRAME/TITLE/CALENDAR/LAYOUT) ..  
.....

.....

.....  
.....  
*90 Adjusting pictures (BRIGHTNESS/SATURATION).....*

.....  
.....  
*.. 93 Editing movies...*

.....  
.....  
*94 Creating an index .....*

.....  
.....  
*.. 95 Editing a movie.....*

.....  
.....  
*..... 96 Playing back pictures on a TV..*

.....  
.....  
*..... 97 Video output ...*

..... 98 Protecting pictures ...

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....

..... 99 Copying pictures in the internal memory to the card (BACKUP)...

... 99 Erasing pictures ..

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....

.... 100 Single-frame erase .

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....

. 101 All-frame erase .....

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....

..... 101 Formatting the internal memory or card (MEMORY FORMAT/FORMAT) ...

.....  
.....  
.....

..... 102 7 Settings----- 103 Resetting the settings to the default (RESET) ...

.....  
.....  
.....

..... 104 Selecting a display language .

.....  
.....  
.....  
.....

.. 104 Changing the startup screen and shutdown screen (PW ON SETUP/PW OFF SETUP)...

.....

.....  
.....  
.....  
.... 105 Screen setup .....

.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....

.....  
. 105 Viewing pictures immediately (REC VIEW)....

.....  
.....

.....  
.....  
... 106 6 Table of Contents Setting camera sounds ( /BEEP/SHUTTER SOUND/VOLUME)..

.....

.....  
... 107 Resetting file names (FILE NAME) ..

.....  
.....

.....  
.....  
.....  
.....

.. 108 Adjusting the image processing function (PIXEL MAPPING) .....

. 109 Adjusting the monitor brightness ....

.....  
.....

.....  
.....  
.....

..... 110 Setting the date and time ....

.....  
.....  
.....  
.....

.....  
.....  
.....

.. 111 Setting the date and time in another time zone (DUAL TIME SETUP) .....

.....  
.....  
.....  
.....

.....  
.... 112 Setting the measurement unit (m/ft).

.....  
.....  
.....  
.....

.....  
.....

.. 113 Customizing the camera (MY MODE SETUP/SHORT CUT/ CUSTOM BUTTON) .....

.....  
.....  
.....

.....  
.....  
.....

113 8 Printing pictures ----- 118 Direct printing (PictBridge) .....

.....  
.....  
.....

.....  
.....  
.....

.. 119 Using the direct printing function.....

.....  
.....  
.....

..... 119 Printing pictures (EASY se the mode dial to make settings.

*Set the desired mode and turn the camera on. Shooting modes Set the mode dial to one of these positions to take pictures or movies. Playback mode Set the mode dial to this position to view pictures or movies. (About the mode dial h This function allows you to take pictures with full automatic settings. P A The camera automatically sets the optimum aperture value and shutter speed for the brightness of the subject.*

*This function allows you to set the aperture manually. The camera sets the shutter speed automatically. g"Changing the aperture value for shooting pictures" (P. 49) This function allows you to set the shutter speed manually. The camera sets the aperture automatically. g"Changing the shutter speed for shooting pictures" (P.*



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50) This function allows you to set the aperture and shutter speed manually. g"Changing the aperture value and shutter speed for shooting pictures" (P. 51)  
This function allows you to set your own shooting parameters and register them as your original mode. g"My Mode" (P. 51) S Shooting modes M r This function allows you to select from 21 situation-related f modes set to the shooting conditions. g"Selecting a scene mode according to the situation" (P. 35) n Playback mode q This function lets you record movies. g"Recording movies" (P. 45) This function allows you to play back still pictures or movies.

You can also play back sound. g"Playback" (P. 73) TIPS · Direct button functions and menu contents vary depending on the position of the mode dial. g"Direct buttons" (P. 12), "Menus" (P. 14), "Menu list" (P. 171) · You can change the mode before and after turning the camera on. 10 Mode dial Mode dial notation In this manual, the following icons indicate the position of the mode dial necessary for operating functions. 1 Basic operation This indicates an operation when the mode dial is set to n. This indicates an operation when the mode dial is set to any of the following modes: hPASMrfn.

11 Direct buttons 1 Basic operation This camera features buttons for setting functions directly. The direct buttons have different functions in shooting mode and in playback mode. Using the direct buttons in shooting mode 1 2 3 4 5 6 7 1 # button (Flash pop-up) Opens the flash. [ button (AE lock)/Custom button Locks the exposure. The lock function is alternately activated and canceled each time you press the button.

Frequently used functions can be assigned to the custom button. The assigned function setting changes each time you press the button. The screen on the right shows when [DRIVE] is assigned to the custom button. u button (Monitor/Viewfinder) Toggles between the monitor and viewfinder. DISP.

/GUIDE button gP. 19, P. 70 Select a menu item, and press this button to display an explanation of its function. Press this button repeatedly to display the lines and histogram. QUICK VIEW button gP. 74 The last picture taken is displayed on the monitor. All the functions in playback mode are available. To return to shooting mode, press the QUICK VIEW button or press the shutter button halfway. # button (Flash mode) Selects the flash mode. Z button (OK/MENU) Displays the top menu of shooting mode.

gP. 41 gP. 14 gP. 41 gP. 57, P. 113 1/200 F4.0 0.0 2 SQ1 1600 1200 1600×1200 4 3 4 5 6 7 12 Direct buttons Using the direct buttons in playback mode 1 1 Basic operation 2 3 4 5 1 < button (Print) Prints pictures displayed on the monitor. u button (Monitor/Viewfinder) Toggles between the monitor and viewfinder. DISP.

/GUIDE button gP. 19, P. 70 Select a menu item, and press this button to display an explanation of its function. Press this button repeatedly during playback to change the display in the following order. The histogram is not displayed while displaying movies.

The playback screen is displayed. 100100 0004 SQ1 gP. 120 2 3 Detailed camera information is displayed. 100100 0004 SQ1 SIZE : 1600 1200 1600×1200 F 4.0 1 / 1 0 0 + 2 .

0 ISO400 ISO 400 '05 09 26 12 30 05. 09. 12: 4 '05 09 26 12 30 05. 09. 12: 4 SQ1 F4.0 1/100 + 2.0 ISO400 ISO 400 '05 09 26 12 30 05. 09. 12:30 4 The histogram is displayed. Only f is displayed.

4 S button (Erase) Erases pictures displayed on the monitor. Z button (OK/MENU) Displays the top menu of playback mode. gP. 83, P. 100 gP. 14 5 13 Menus 1 Basic operation Set the mode dial to any mode and press Z to display the menus on the monitor. Menus are used to make each camera setting. Mode dial Press Z About the menus The menu items displayed in shooting mode and playback mode differ. Top menu Menus are divided into shortcut menus and mode menus. MODE MENU RESET OK HOLD Shortcut menus For setting menu items directly.

Mode menu Settings are categorized by function into tabs. TIPS · Press and hold down Z on the top menu to jump directly to one of the following functions. Shooting mode (except r) The [RESET] screen is displayed. g"Resetting the settings to the default (RESET)" (P. 104) Playback mode The [ALBUM ENTRY] screen is displayed.

g"Adding pictures to an album (ALBUM ENTRY)" (P. 78) Album playback mode The [UNDO ENTRY] screen is displayed. g"Undoing album entries (UNDO ENTRY)" (P. 82) 14 Menus Shortcut menus (Shooting mode For still pictures (default value) gP. 67 MODE MENU 1 Basic operation For movies DIGITAL ZOOM MODE MENU gP.

39 gP. 40 RESET OK HOLD RESET OK HOLD gP. 47 gP. 25 gP. 25 (Playback mode For still pictures gP. 87, 90, 93 MODE MENU CALENDAR ALBUM ENTRY OK HOLD For movies gP. 76 EDIT ALBUM MOVIE PLAY ALBUM MODE MENU CALENDAR ALBUM ENTRY OK HOLD gP. 75 gP. 75 gP. 78 gP.

78 In album playback mode For still pictures gP. 84 CLOSE ALBUM ALBUM MENU For movies gP. 76 MOVIE PLAY CLOSE ALBUM ALBUM MENU SEL. ALBUM UNDO ENTRY OK HOLD gP. 80 SEL. ALBUM UNDO ENTRY OK HOLD gP. 80 gP. 81 gP. 81 TIPS · The shortcut menus can also be accessed from the mode menu. Also, you can change short cut menus in any mode other than h, n, and q.

g"Customizing the camera (MY MODE SETUP/SHORT CUT/CUSTOM BUTTON)" (P. 113) 15 Menus Mode menu 1 Basic operation (Shooting mode SET MEM PIC CAMERA ESP/DRIVE ISO 1/2/3/4 AUTO ESP OFF CAMERA tab PICTURE tab MEMORY/ CARD tab For setting shooting-related functions. For setting picture-related functions, such as record mode and white balance. For formatting internal memory or a card. Also saves internal memory data to a card.

SETUP tab For setting basic camera functions and settings that make the camera easier to use. (Playback mode SET MEM EDIT PLAY OFF 0° PLAY tab EDIT tab MEMORY/ CARD tab For setting playback-related functions. For editing saved pictures. The same screen is displayed when [EDIT] is selected from the top menu. For formatting internal memory or a card, and erasing all image data.

Also saves internal memory data to a card. SETUP tab For setting basic camera functions and settings that make the camera easier to use. TIPS · The [MEMORY] tab is displayed when the internal memory is in use. The [CARD] tab is displayed when a card is inserted in the camera. · For a list of mode menu items, see "Menu list" (P. 171). 16 Menus Using the menus Use the arrow pad and Z to set menu items. Follow the operation guide and arrows on the screen to select and change settings. 1 Basic operation Ex: Setting [ISO] Mode dial srpq buttons Z button 1 2 3 4 Set the mode dial to any of the following modes: PASMrfn. Press Z.

· The top menu is displayed.



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Top menu Press q to select [MODE MENU]. MODE MENU This refers to the arrow pad (srpq). RESET OK HOLD SET MEM PIC CAMERA Press sr to select the [CAMERA] tab, and press q. · Refer to the arrows on the screen to select and make settings with the arrow pad. This refers to the arrow pad (qr). ESP/ DRIVE ISO 1/2/3/4 ESP OFF AUTO 17 Menus 1 Basic operation 5 SET MEM PIC CAMERA Press sr to select the [ISO], and press q. · Refer to the arrows on the screen to select and make settings with the arrow pad. · Unavailable settings cannot be selected. ESP/ DRIVE ISO 1/2/3/4 ESP OFF AUTO The selected item is displayed in a different color.

Press q to go on to the following setting. 6 SET MEM PIC CAMERA Press sr to select [AUTO], [80], [100], [200], or [400], and press Z. · Press Z repeatedly to exit the menu. ESP/ DRIVE ISO 1/2/3/4 AUTO 80 100 200 400 TIPS · The operation guide displayed at the bottom of the screen depends on the menu to be set. In this case, follow the operation guide to set or change settings using the arrow pad.

BEEP OFF 1 2 LOW HIGH Operation guide Press psr to select a setting. Press Z to finalize the setting. SELECT GO OK Menu operation notation In this manual, procedures for using the menus are expressed as follows: · Ex: Steps 1 to 5 for setting [ISO] Top menu [MODE MENU] [CAMERA] [ISO] 18 Menus Using the GUIDE function This camera has a GUIDE function. Pressing the DISP./GUIDE button during menu display in shooting mode or playback mode automatically displays a menu guide explaining the menus.

1 Basic operation 1 With a menu selected, hold down the DISP./GUIDE button. · The menu explanation is displayed. · Release the DISP./GUIDE button to close the menu guide. FILE NAME Sets the format for naming folders and files that are to be saved to a new card. When [FILE NAME] is selected 19 How to read the procedure pages 1 Basic operation A sample of a procedure page is shown below explaining the notation. Look at it carefully before taking or viewing pictures. This indicates the position of the mode dial. If multiple icons are displayed, the described function can be used in any of these modes.

g"Mode dial" (P. 10), "Mode dial notation" (P. 11) Select the menus in the order indicated by . g"Using the menus" (P. 17), "Menu operation notation" (P. 18) Procedures differ for h mode, n mode, and album playback mode. This sample page is only for your reference. It may differ from the actual page in this manual. 20 2 Tips before you start taking pictures Tips before you start taking pictures Your pictures are almost guaranteed to come out well just by setting the mode dial to h and pressing the shutter button. But occasionally, you can't focus on your subject, the subject is too dark, or the picture doesn't come out the way you want.

Just knowing which button to press or which setting to change can help you solve these problems. And did you know that by selecting an image size according to how you plan to use the pictures afterwards, you can store more pictures in the internal memory and on the memory card? These are just some of the hints provided in this chapter. 2 Online applications Ideas SHQ Printing applications SQ2 21 Turning the camera on and off Press the POWER button to turn the camera on. POWER button 2 Tips before you start taking pictures Mode dial Monitor (Turning the camera on Set the mode dial to any mode, and press the POWER button. · The monitor turns on.

· When you turn on the camera in shooting mode, the lens extends. · Before turning the camera on in shooting mode, remove the lens cap, and then press the POWER button. (Turning the camera off Press the POWER button. · The monitor turns off. · The lens retracts.

· Reattach the lens cap to protect the lens. TIPS · The screen on the right is displayed when the date and time setting has returned to the factory default setting. Setting the date and time makes your pictures easier to manage, such as when you view them with calendar display. g"Setting the date and time" (P. 111) Y/M/D 22 If the correct focus cannot be obtained The camera automatically detects the focus target in the frame. The level of contrast is one of the criteria it uses to detect the subject. The camera may fail to determine subjects with lower contrast than the surroundings or with an area of extremely strong contrast in the frame. If this happens, the simplest solution is to use the focus lock. How to focus (focus lock) 2 Tips before you start taking pictures 1 Position the AF target mark on the subject you want to focus on. · When shooting a hard-to-focus or fastmoving subject, focus the camera on an object about the same distance away as the subject.

1/200 F4.0 0.0 2 SQ1 1600×1200 AF target mark 4 Press the shutter button halfway until the green lamp lights. · The green lamp lights when the focus Shutter button and exposure are locked. · When the green lamp blinks, the focus and exposure are not locked. Release your finger from the shutter button, reposition the AF target mark on the subject and press the shutter button halfway again. 3 Keeping the shutter button pressed halfway, recompose your shot. Green lamp 1/200 F4.0 0.0 4 SQ1 1600 1200 1600×1200 Press the shutter button fully.

· The camera takes the picture. The card access lamp blinks while the picture is recorded. Shutter button 4 23 If the correct focus cannot be obtained TIPS To focus on the subject in the center of the frame g"AF mode (iESP/SPOT/AREA)" (P. 52) When the frame in which you focus on a subject is different from the frame in which you lock the exposure g"AE lock" (P. 57) To fix the focus g"AF lock" (P.

55) 2 Tips before you start taking pictures Note · Press the shutter button gently. If it is pressed forcefully, the camera may move causing the picture to blur. · Never open the card cover, remove the batteries or disconnect the AC adapter while the card access lamp is blinking. Doing so could destroy stored pictures and prevent storage of pictures you have just taken. · Recorded pictures are saved in the camera regardless of whether the camera is turned off or the batteries are replaced or removed.

· When taking pictures against strong backlight, the area of the picture in shadow may appear colored. Subjects that are difficult to focus on Under certain types of conditions, the auto focus may not work properly. The green lamp blinks. The subject cannot be brought into focus. Subject with low contrast Subject with an extremely bright area in the center of the frame Subject without vertical lines The green lamp lights, but the subject cannot be brought into focus.



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Subjects at different distances Fast-moving subject The subject is not in the center of the frame In these cases, focus (focus lock) on an object with high contrast at the same distance as the intended subject, recompose your shot and then take the picture. If the subject has no vertical lines, hold the camera vertically and focus the camera using the focus lock function by pressing the shutter button halfway, then return the camera to the horizontal position while keeping the button pressed halfway and take the picture. 24 Record mode You can select a record mode in which to take pictures or shoot movies. Select the best record mode for your purpose (printing, editing on a computer, website editing, etc.).

For information on the image sizes for each record mode and the number of storable still pictures/movie recording time, see the tables on P. 27 and 28. Still picture record modes Still pictures (other than those in raw data format) are recorded in JPEG format. Record mode depicts the image size and compression rate of your pictures. Pictures are made from thousands of dots (pixels). If a picture with relatively few pixels is enlarged, it looks like a mosaic. Pictures with more pixels are denser and clearer but require more space (larger file size), thus decreasing the number of pictures that can be saved. Though a high compression rate results in a small file size, this also produces a grainy look. 2 Tips before you start taking pictures Picture with high number of pixels Picture with low number of pixels (Normal image modes Image becomes clearer Compression Application Image size 2816 × 2112 Image size becomes larger 2592 × 1944 Select according to print size 2288 × 1712 2048 × 1536 1600 × 1200 1280 × 960 1024 × 768 For small-sized prints and websites 640 × 480 SQ2 HIGH SQ2 NORMAL SQ1 HIGH SQ1 NORMAL Low com- High compression SHQ HQ 25 Record mode Image size The number of pixels (horizontal × vertical) used when saving an image. You can save your pictures at a large image size to get clearer prints.

However, as the image size increases, the file size (data size) also increases, which decreases the number of pictures that can be saved. 2 Tips before you start taking pictures Compression In record modes other than [RAW], pictures are compressed and saved. The higher the compression, the less clear the image will be. (Special record modes Record mode RAW 3:2 (SHQ, HQ) Features Raw uncompressed data. Data is in ORF format.

This is useful for ordering prints from a photo store. Image size 2816 × 2112 2816 × 1880 Raw data This is unprocessed data which has not been subjected to color conversion or white balance, sharpness and contrast adjustment. Use the OLYMPUS Master software to display the picture data on a computer. You can also view the data with Photoshop software by installing the Plug-in available from the Olympus website. Raw data cannot be displayed using ordinary software, and print reservations cannot be made.

Pictures taken with the record mode set to raw data can be edited with this camera. g"Editing still pictures (RAW DATA EDIT/Q/P/REDEYE FIX/BLACK & WHITE/SEPIA)" (P. 87) 3:2 The image aspect ratio is normally 4:3. If the aspect ratio is changed to 3:2, the image can be printed at a photo store without losing the image borders. 1/200 F4.0 0.0 HQ 2816×1880 4 Monitor display when 3:2 is set 26 Record mode Movie record modes Movies are recorded in Motion-JPEG format. Number of storable still pictures/remaining recording time For still pictures Record mode RAW SHQ HQ Number of storable still pictures Internal memory Using a 128 MB card With Without With Without sound sound sound 1 1 14 14 2 2 31 31 2 2 32 33 7 7 84 86 7 8 95 97 2 2 34 34 8 8 99 102 3 3 44 44 10 10 126 130 4 4 54 55 12 13 156 162 7 7 88 90 19 21 241 257 11 11 135 140 29 32 362 399 16 17 204 215 43 50 532 614 38 43 469 532 82 109 997 1330 2 Tips before you start taking pictures Image size 2816 × 2112 2816 × 2112 3:2 2816 × 1880 2816 × 2112 3:2 2816 × 1880 HIGH 2592 × 1944 NORMAL HIGH 2288 × 1712 NORMAL HIGH 2048 × 1536 NORMAL HIGH 1600 × 1200 NORMAL HIGH 1280 × 960 NORMAL HIGH 1024 × 768 NORMAL HIGH 640 × 480 NORMAL SQ1 SQ2 27 Record mode For movies Record mode Image size 320 × 240 (30 frames/sec.) 320 × 240 (15 frames/sec.) 1/200 F4.

0 0.0 2 Tips before you start taking pictures HQ SQ Remaining recording time Internal memory Using a 128 MB card With Without With Without sound sound sound 3 min. 3 min. 15 sec. 15 sec. 10 sec. 13 sec. 6 min. 6 min. 30 sec.

31 sec. 15 sec. 26 sec. 0.0 SQ1 1600×1200 4 HQ 00:36 Number of storable still pictures Remaining recording time TIPS · When a picture is transferred to a computer, the size of the picture on the computer screen varies depending on the computer's monitor setting.

For instance, a picture taken with an image size of 1,024 × 768 fills the screen if you set the picture to 1× when the monitor setting is 1,024 × 768. However, if the monitor setting is over 1,024 × 768 (such as 1,280 × 1,024), the picture only takes up part of the screen. Note · The number of storable still pictures and remaining recording time listed in the tables are approximate. · The number of storable still pictures may change according to the subject or factors like whether print reservations or album entries have been made or not. In certain instances, the number of remaining pictures does not change even when you take new pictures or erase stored pictures.

28 Record mode Changing the record mode Top menu [MODE MENU] [PICTURE] [K] g"Using the menus" (P. 17) 2 Tips before you start taking pictures · For hn: Top menu 1 [K] For still pictures, select from [RAW], [SHQ], [HQ], [SQ1] or [SQ2]. · [RAW] cannot be set in h or f mode. · If you select [RAW], see "(JPEG copy)" (P. 30). RAW SHQ HQ SQ1 SELECT SET GO OK For still pictures For movies, select from [HQ 320 × 240 30fps] and [SQ 320 × 240 15fps]. HQ 320×240 30fps SQ 320×240 15fps SELECT GO OK 2 For movies Select the image size of the record mode. If you selected [SQ1] or [SQ2], press q after choosing the image size, then select [HIGH] or [NORMAL]. Press Z. SQ2 1280×960 1024×768 640×480 HIGH NORMAL 3 SELECT GO OK When [SQ2] is selected 29 Record mode (JPEG copy Pictures taken in the raw data format can be stored in JPEG format at the same time as they are recorded in raw data.

To record pictures in JPEG format you can select [SHQ], [HQ], [SQ1] or [SQ2] for the record mode, but you cannot select the image size. Pictures are recorded in the size currently set for each record mode.



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2 Tips before you start taking pictures 1 2 3 In the [K] screen, select [RAW], and press q. Select a JPEG duplicate setting from [OFF], [SHQ], [HQ], [SQ1] and [SQ2]. · Select [OFF] to save raw data only. JPEG DUPLICATE SETTING OFF SHQ HQ SQ1 SELECT GO OK Press Z. 30 The internal memory and memory card Pictures taken are recorded in the internal memory. Pictures can also be recorded to an optional xD-Picture Card ("card"). The card can be used to record more pictures than is possible with the internal memory of the camera. A card can be convenient when taking many pictures while on a trip. (Internal memory basics The internal memory is the camera's media for recording pictures, similar to film in a film camera. Pictures recorded to the internal memory can be easily erased on the camera or processed using a computer. Unlike portable storage media, the internal memory cannot be removed or exchanged. 2 Tips before you start taking pictures (Using the internal memory or card You can confirm on the monitor whether the internal memory or card is being used during shooting and playback operations. Shooting mode 1/200 F4.

0 0.0 Playback mode 100 0004 100SQ1 SQ1 1600×1200 4 Memory indicator '05 09 26 12 30 05. 09. 12: 4 Monitor indication [IN] [xD] Shooting mode Pictures are recorded to the internal memory. Pictures are recorded to a card.

Playback mode Pictures are being played back from the internal memory. Pictures are being played back from a card. · The internal memory and a card cannot be used at the same time. · The internal memory cannot be used for shooting or playback operations when a card is inserted in the camera. Remove the card before using the internal memory. · Pictures recorded to the internal memory can be copied to a card. g"Copying pictures in the internal memory to the card (BACKUP)" (P. 99) 31 The internal memory and memory card The card The card is a medium for recording pictures, similar to film in a film camera. Pictures recorded to the card can be easily erased on the camera or processed using a computer. The number of recordable pictures can be increased by using a card with a larger capacity.

1 2 Tips before you start taking pictures Index area You can use this space to write the contents of the card. 1 2 Contact area The part where the data transferred from the camera enters the card. xD-Picture Card (16 MB to 1GB) 2 Compatible cards Note · This camera may not recognize a non-OLYMPUS card or a card that was formatted on another device (such as a computer, etc.). Make sure to format the card on this camera before use. g"Formatting the internal memory or card (MEMORY FORMAT/FORMAT)" (P. 102) Inserting and removing the card 1 2 Make sure the camera is turned off. · The monitor is off. · The lens is retracted. Open the card cover.

Card cover 32 The internal memory and memory card (Inserting the card 3 Orient the card as shown, and insert it into the card slot as shown in the illustration. · Insert the card straight in. · Insert the card until it clicks into place. · Inserting the card in the wrong direction or at an angle may damage the contacts and prevent the card from being removed. · The card may not record properly if it is not inserted all the way in.

Notch 2 Tips before you start taking pictures Contact area (Removing the card 3 Push the card all the way in and release slowly. · The card protrudes slightly and stops. Caution Releasing your finger quickly after pushing the card all the way in may cause it to eject forcefully out of the slot. · Grasp the card and remove. 4 Close the card cover.

Card cover 33 3 Basic shooting functions 3 Basic shooting functions A professional photographer adjusts the exposure to the optimal setting, chooses the best focusing method and even selects the type of film according to the subject. With a digital camera, you don't need to learn how to make difficult settings. Your camera will adjust the settings for you! All you have to do is choose a scene mode for whatever you want to take, whether a landscape, a night scene, or a portrait-style image, and the camera will set the best exposure and white balance. There's nothing to it just press the shutter button! 1 PORTRAIT 16 DOCUMENTS SELECT GO OK 2 LANDSCAPE SELECT GO OK SELECT GO OK 15 CUISINE 3 LANDSCAPE+PORTRAIT SELECT GO OK SELECT GO OK 34 Selecting a scene mode according to the situation This function allows you to select from 21 f modes set to the shooting conditions. When you select a scene according to the situation or conditions, the camera automatically selects the optimal settings. (f mode B Portrait Suitable for taking portrait pictures. This mode accentuates the skin texture of the portrait subject. 3 Basic shooting functions F Landscape Suitable for taking pictures of landscapes and other outdoor scenes. Blues and greens are vividly reproduced. D Landscape + Portrait Suitable for taking pictures of your subject against a distant background.

Blues, greens, and skin tones are vividly reproduced. G Night Scene Suitable for taking pictures in the evening or at night. The camera sets a slower shutter speed than is used in normal shooting. C Sports Suitable for capturing fast-moving action. Even fast-moving subjects appear to be stationary. U Night + Portrait Suitable for taking pictures of your subject against a distant night scene. The camera sets a slower shutter speed than is used in normal shooting. N Indoor Suitable for taking pictures of people indoors. The atmosphere of the background is also vividly reproduced. 35 Selecting a scene mode according to the situation W Candle Suitable for capturing the atmosphere of a candle-lit scene.

Warm colors are reproduced. R Self Portrait Suitable for taking self-portrait pictures. 3 Basic shooting functions c Available Light Portrait Suitable for shooting subjects in low light conditions without a flash. S Sunset Suitable for taking pictures of the evening sunlight. Reds and yellows are vividly reproduced.

X Fireworks Suitable for taking pictures of fireworks displays. The camera sets a slower shutter speed than is used in normal shooting. j Museum Suitable for taking pictures in museums and other places where flash photography and sounds are prohibited. P Behind Glass Suitable for shooting a subject through glass. V Cuisine Suitable for taking pictures of food.

Food colors are vibrantly reproduced. d Documents Suitable for taking pictures of documents or time schedules. The contrast between the text and background is enhanced. 36 Selecting a scene mode according to the situation i Auction Suitable for taking pictures of merchandise. The camera takes 3 pictures in succession at the best size while automatically adjusting the exposure.



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e Shoot & Select1 / f Shoot & Select2 Pictures are taken in succession. You can erase unwanted pictures before saving the ones you want. Suitable for taking moving subjects. Shoot & Select1 (e) Focus is locked at the first frame. Shoot & Select2 (f) Takes pictures in succession, adjusting the focus 1 frame at a time.

3 Basic shooting functions Z Beach Suitable for taking pictures on a sunny day at the beach. You can take pictures of your subject against a beautiful sky or landscape. a Snow Suitable for taking pictures in the snow. You can take pictures of your subject against a beautiful sky or snow scene. Note · If you select a scene that does not use the flash or a scene with a slower shutter speed, camera movement may occur. It is recommended that you use a tripod to prevent camera movement. · In order to produce specialized effects, some scenes limit control of certain functions. For details, refer to "Functions available in shooting modes and scenes" (P. 182). 1 Press sr to select a scene, and press Z.

1 PORTRAIT SELECT GO OK 2 Take the picture. · For shoot & select, hold down the shutter button. · To change the scene, press r. Or, press Z to display the top menu and select [SCENE]. 37 Zooming in on your subject (When [SHOOT & SELECT1] or [SHOOT & SELECT2] is selected · After taking your pictures, the screen for selecting which pictures to erase is displayed.

The highlighted picture is enlarged. 3 Basic shooting functions 1 Press pq to select the picture you SELECT GO OK want to erase, and press s. The R icon is displayed on Repeat Step 1 to erase multiple the selected picture. pictures. 2 When you have selected all the unwanted pictures, press Z.

3 Select [YES], and press Z. · The selected pictures are erased, and only the remaining pictures are saved. Zooming in on your subject Using the zoom You can zoom in on your subject using the optical zoom and digital zoom. With the optical zoom, the image is enlarged on the CCD when the lens magnification is changed, and the image is formed by all the CCD pixels. With the digital zoom, the area at the center of the image captured by the CCD is cropped and enlarged. Because digital zoom takes a small area of the picture and enlarges it, the picture becomes grainy as the digital zoom magnification increases. The following zoom magnifications are available on this camera. Optical zoom 10× (equivalent to 38 mm to 380 mm on a 35 mm camera) Optical zoom × digital zoom Max. 50× ([n] mode: Max. 30×) Note that camera movement is likely to occur at higher magnifications.

1 Push or pull the zoom lever. · Zoom out: Push the zoom lever toward W. · Zoom in: Pull the zoom lever toward T. Zoom lever 38 Zooming in on your subject Using the digital zoom Top menu [MODE MENU] [CAMERA] [ON] [DIGITAL ZOOM] [ON] g "Using the menus" (P. 17) · For n: Top menu 1 [DIGITAL ZOOM] Pull the zoom lever toward T. Optical zoom 1/200 F4.0 0.0 3 Basic shooting functions Digital zoom 1/200 F4.0 0.0 SQ1 1600 1200 1600×1200 4 SQ1 1600 1200 1600×1200 4 The white area of the zoom indicator indicates the optical zoom.

If the [DIGITAL ZOOM] is set to [ON], a red area is displayed on the zoom indicator. When you reach the limit of the optical zoom, the digital zoom is enabled. Note · Taking a picture with the digital zoom may cause the picture to appear grainy. 39 Zooming in on your subject Using macro/super macro mode Focusing is usually slow when you get close to a subject (wide-angle: 7 cm/2.8 in. to 60 cm/23.6 in.; telephoto: 1.2 m/3.9 ft.

to 2 m/6.6 ft.). However, in macro mode focusing is performed quickly. & This mode lets you shoot from as close as 7 cm/2.8 in. to your subject (when the optical zoom is at the greatest wide-angle). This mode lets you shoot from as close as 3 cm/1.2 in. to your subject.

In the [%] mode, normal shooting is also possible, but the position of the zoom is fixed automatically and cannot be adjusted. 3 Basic shooting functions % & % Top menu [MODE MENU] [&] [CAMERA] [&] / [%] [&] [&] / [%] g "Using the menus" (P. 17) · For h: Top menu Note · During super macro mode, the zoom, flash and AF predict are not available. 40 Flash shooting Select the flash mode best suited to the light conditions and the effect you want to achieve.

Flash working range W (max.): Approx. 0.3 m to 4.5 m (1 ft. to 14.8 ft.) T (max.): Approx. 0.3 m to 3.

4 m (1 ft. to 11.2 ft.) Auto-flash (No indication) The flash fires automatically in low light or backlight conditions. Red-eye reduction flash (!) The light from the flash may make the subject's eyes appear red in the picture.

The red-eye reduction flash mode reduces this phenomenon by emitting pre-flashes before firing the regular flash. The subject's eyes appear red. 3 Basic shooting functions Note · After the pre-flashes, it takes about 1 second before the shutter is released. Hold the camera firmly to avoid camera movement. · Effectiveness may be limited if the subject is not looking directly at the preflashes, or if the shooting range is too far. Individual physical characteristics may also limit effectiveness. Red-eye fill-in flash (H) The flash always fires after pre-flashes for red-eye reduction are emitted. Fill-in flash (#) The flash fires regardless of the available light. This mode is useful for eliminating shadows on the subject's face (such as shadows from tree leaves), in a backlight situation, or for correcting the color shift produced by artificial lighting (especially fluorescent light). Note · The fill-in flash may not have the desired effect under excessively bright light.

Flash off (\$) The flash does not fire even in low light conditions. Use this mode in situations where flash photography is not desired or is prohibited. You can also use this mode when shooting landscapes, sunsets, and other subjects outside the range of the flash. 41 Flash shooting Note · Since a slow shutter speed is automatically selected in low light situations when in the flash off mode, the use of a tripod is recommended to prevent your pictures from being blurred by camera movement. 3 Basic shooting functions 1 Press the # button (flash popup). · The flash opens. · The flash does not open automatically. If the flash is not open, it will not fire. # button (Flash pop-up) # button (Flash mode) 2 Press the # button (flash mode) repeatedly to set the flash mode. g "Direct buttons" (P. 12) · After 2 seconds of non-operation, the selection is set and the mode selection screen disappears. · Each time you press # (flash mode), the flash mode changes in the following order. AUTO (Auto-flash) reduction flash) 1/200 F4.



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0 AUTO 0.0 SQ1 1600×1200 4 ! (Red-eye # (Fill-in flash) \$(Flash off) H (Red-eye fill-in flash) · In S mode and M mode, the flash mode changes in the following order.

# (Fill-in flash) H (Red-eye fill-in flash) \$(Flash off) 42 Flash shooting 3 4 Press the shutter button halfway. · In conditions where the flash will fire, the # mark lights (flash stand-by). # mark 1/200 F4.0 0.0 Press the shutter button fully to take the picture.

TIPS The # (flash charge) mark blinks. j Flash charging. Wait until the # mark turns off. SQ1 1600×1200 4 3 Basic shooting functions Note · The flash does not fire in the following situations: High-speed sequential shooting, auto bracketing, super macro shooting, and panorama shooting. · The flash may not give you the optimum result in macro mode with the zoom set to wide-angle (W). Check the resulting picture on the monitor. Flash intensity control You can adjust the amount of light emitted by the flash. In some situations, you may get better results by adjusting the light emission. Examples include small subjects, distant backgrounds, or situations when increased contrast is desired. Top menu [MODE MENU] [CAMERA] [w] g "Using the menus" (P.

17) 1 SET MEM PIC CAMERA Press sr to adjust the flash intensity, and press Z. 0.0 SYNCRO FLASH DIGITAL ZOOM 43 Flash shooting Synchro Select the flash timing. #SYNC1 (front curtain) #SYNC2 (rear curtain) The flash fires right after the shutter fully opens. With the rear curtain, the flash fires just before the shutter closes. You can use this setting to create interesting effects in your picture, such as expressing the movement of a car by showing the tail-lights streaming backwards. The slower the shutter speed, the better the effects turn out. If the shutter speed is faster than 1/200, the flash fires automatically with the front curtain. 3 Basic shooting functions When the shutter speed is set to 4 sec. 4 sec.

rear curtain 4 sec. front curtain flash fires Shutter button fully pressed 0 front curtain rear curtain flash fires Shutter closes Top menu [MODE MENU] [#SYNC1] / [#SYNC2] [CAMERA] [#SYNCRO] g "Using the menus" (P. 17) 44 Slave flash shooting (FLASH) Slave flash shooting (QFLASH) This setting is for when using a commercially available slave flash that is synchronized with the camera flash. The amount of light emitted by the flash can be adjusted in 10 levels. The flash can fire in sequential shooting mode, but the interval between shots will be longer if a high emission level is set.

Flash mode automatically changes to [#] for all flash modes except [\$]. Top menu [MODE MENU] [CAMERA] [QFLASH] [SLAVE] g "Using the menus" (P. 17) SLAVE FLASH 3 Basic shooting functions 1 Select an emission level from [1] to [10], then press Z. 1 SELECT GO OK Recording movies This function allows you to record movies. 1 Compose your picture.

· You can use the zoom lever to enlarge your subject. 0.0 HQ 00:36 Remaining recording time 45 Recording movies 2 Press the shutter button fully to start recording. · The card access lamp blinks while the movie is being saved. · During movie recording, the A mark lights red. 3 Basic shooting functions 3 Press the shutter button again to stop recording. HQ 00:36 · When the remaining recording time has been used up, recording stops automatically. · When there is space in the internal memory or the card, the remaining recording time (P. 28) is displayed, and the camera is ready to shoot. TIPS To record audio with the movie j Set [R] to [ON].

g "Recording sound with movies" (P. 47) To use the zoom during movie recording j If you set [R] to [OFF], you can use the optical zoom during movie recording. g "Recording sound with movies" (P. 47) j Set [DIGITAL ZOOM] to [ON]. g "Using the digital zoom" (P. 39) Note · The remaining recording time may drop rapidly during recording. Try using the internal memory or card again after formatting it with your camera. g "Formatting the internal memory or card (MEMORY FORMAT/FORMAT)" (P. 102) · In n mode, the flash and manual focus are not available. 46 Recording movies Camera movement compensation This function reduces the blur incurred by camera movement when taking movies.

The area in which the picture is captured by the CCD is adjusted according to movement of the subject, thereby enabling recording of the picture with reduced blurring of the subject. The images are recorded slightly larger when [h] is set to [ON]. Top menu [h] [ON] g "Using the menus" (P. 17) 0.0 3 Basic shooting functions 1 Take the picture.

Displayed during camera movement compensation. HQ 00:36 Note · When the camera moves a lot or the subject is moving quickly, the compensation function may not operate effectively. · When taking pictures with the camera stabilized, set [h] to [OFF], otherwise the movement of the subject may cause the image on the screen to move. Recording sound with movies Sound can be recorded while shooting a movie. Top menu [MODE MENU] [R] [ON] g "Using the menus" (P.

17) Note · If the camera is more than 1 m (3.3 ft.) away from the source of the sound, sound may not be recorded clearly by the built-in microphone. 47 4 Advanced shooting functions 4 Advanced shooting functions Letting the camera select the optimal settings is simple and easy, but if you want, you can be a lot more creative. Now that you have mastered basic operation, you can start enjoying your camera's more advanced functions. You can adjust the shooting conditions manually and try out different effects. For example, when taking pictures of flowers on a tree, by reducing the aperture value and focusing on the branch of the tree nearest to you, you can make the flowers stand out against a blurred background. If it is evening, you can add a touch of color to the night sky. By setting the white balance to 1 (tungsten light), you can give the dark sky a blue tone. Adjusting a single function can produce unexpected effects.

Try various settings and discover all sorts of new possibilities. SET MEM PIC CAMERA NOISE REDUCTION AF MODE FOCUS MODE FULLTIME AF PANORAMA iESP SPOT AREA PRESET WB CANCEL SELECT GO OK 48 Changing the aperture value for shooting pictures This function allows you to set the aperture manually. The camera sets the shutter speed automatically. By decreasing the aperture value (F-number), the camera will focus within a smaller range, producing a picture with a blurred background. Increasing the value forces the camera to focus over a wider range, resulting in increased depth of field in which both the subject and the background are in focus.



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Use this mode when you want to play with how the background is depicted. 4 Advanced shooting functions Aperture value (F-number) is decreased. Aperture value (F-number) is increased. 1 Press sr to set the aperture value. s : Closes the aperture (increases the aperture value).

r : Opens the aperture (decreases the aperture value). Adjustment range: Wide angle : F2.8 to F8.0 Telephoto : F3.7 to F8.

0 Aperture value 1/200 F4.0 0.0 SQ1 1600×1200 4 · When the exposure is correct, the aperture value is displayed in green. When the correct exposure cannot be obtained, the aperture value is displayed in red. 49 Changing the shutter speed for shooting pictures This function allows you to set the shutter speed manually.

The camera sets the aperture automatically. Set the shutter speed according to the subject and the type of effect you want. 4 Advanced shooting functions Setting a fast shutter speed lets you capture fast-moving action as though it was stopped in motion. Setting a slow shutter speed blurs a moving subject, giving the impression of movement. 1 Press sr to set the shutter speed. s : Sets the shutter speed faster. r : Sets the shutter speed slower. Shutter speed 1/200 F4.0 0.0 Shutter speed range: 1/2 to 1/1000 (when [NOISE REDUCTION] is set to [ON]: up to 4 seconds) SQ1 1600×1200 4 · When the exposure is correct, the shutter speed is displayed in green.

When the correct exposure cannot be obtained, the shutter speed is displayed in red. Note · To avoid camera movement, you are recommended to use a tripod when taking pictures requiring a slow shutter speed. 50 Changing the aperture value and shutter speed for shooting pictures This mode gives you more creative control, allowing you to set the aperture and shutter speed manually. 1 Adjust the aperture and shutter speed. p : Closes the aperture (increases 1/200 F4.0 +2.0 the aperture value). q : Opens the aperture (decreases the aperture value). s : Sets the shutter speed faster. r : Sets the shutter speed slower. Adjustment range: Aperture value : F2.8 to F8.0 Shutter speed : 15" to 1/1000 SQ1 1600×1200 4 · When the shutter button is pressed halfway, the exposure differential from the exposure metered as correct by the camera is shown as a range from -3.0EV to +3.0EV.

· When the exposure differential is displayed in red, this range has been exceeded. Exposure differential Aperture value Shutter speed 4 Advanced shooting functions TIPS To take long exposure (bulb) shots 1 Press r and set shutter speed to BULB. 2 The shutter remains open as long as the shutter button is pressed. · The maximum time that it can remain open is 8 minutes. Note · To avoid camera movement, you are recommended to use a tripod when taking pictures requiring a slow shutter speed.

· The shutter speeds that can be set vary depending on the aperture value. My Mode You can take pictures using settings registered in [s MY MODE 1] to [d MY MODE 4]. Only the settings in [s MY MODE 1] are preset. g "Customizing the camera (MY MODE SETUP/SHORT CUT/ CUSTOM BUTTON)" (P. 113) Top menu [MODE MENU] [CAMERA] [r 1/2/3/4] [s MY MODE 1] / [E MY MODE 2] / [c MY MODE 3] / [d MY MODE 4] g "Using the menus" (P. 17) 51

Focusing applications AF mode (iESP/SPOT/AREA) This function allows you to select how the camera focuses on your subject. iESP SPOT AREA The camera determines which subject within the screen to focus on. Even when the subject is not in the center of the screen, focusing is possible. Focus selection is based on the subject within the AF target mark. Move the AF target mark to select the area you want to focus on to take a picture.

4 Advanced shooting functions Subject suitable for [iESP] Subject suitable for [SPOT] Top menu [MODE MENU] [iESP] / [SPOT] / [AREA] [CAMERA] [AF MODE] g "Using the menus" (P. 17) (When [AREA] is selected 1 2 3 Use the arrow pad to move the AF target mark to the area where you want to focus.

· The AF target mark is displayed in green while the subject is moving. You can take pictures while the AF target mark is displayed in green. Hold down Z. · The position of the AF target mark is set. · To change the position of the AF target mark after it is set, hold down Z. Take the picture. · The AF target mark remains at the same position even after the picture is taken. Note · The AF target mark returns to the center position when the mode dial is turned or the zoom lever is operated.

52 Focusing applications Manual focus (FOCUS MODE) If the subject cannot be accurately focused on with auto focus, set manual focus and manually adjust the focus. Top menu [MODE MENU] [CAMERA] [FOCUS MODE] [MF] g "Using the menus" (P. 17) 1/200 F4.0 8m 5m 3m 2m 1 Press sr to set the focus. · During operation, the focus area is enlarged.

This lets you check whether the focus area is correct. · The distance indicator on the left of the monitor is used for reference. 0.0 4 Advanced shooting functions 2 SQ1 1600×1200 Hold down Z. · The focus is locked at the distance you have set, and MF is displayed in red on the monitor.

· When Z is held down while MF is displayed, the distance indicator is displayed and the focus can be adjusted. 4 0.0 1/200 F4.0 3 Take the picture. · Set [FOCUS MODE] to [AF] to return to auto focus. SQ1 1600 1200 1600×1200 4 TIPS When you move the cursor to the top of the distance indicator, but the camera cannot focus at ) (infinity). j Press sr to make fine adjustments to the cursor position while viewing the monitor. Note · Using the zoom lever after setting the focus may compromise the setting. Perform the setting again. 53 Focusing applications Fulltime AF ON Fulltime AF keeps the subject in front of the lens in focus at all times, without having to press the shutter button halfway.

The focusing time is reduced, so you won't miss snapshot opportunities. Also, the subject is automatically kept in focus during movie recording. Press the shutter button halfway to focus. OFF Top menu [MODE MENU] [CAMERA] [FULLTIME AF] [ON] / [OFF] g "Using the menus" (P. 17) 4 Advanced shooting functions Note · Setting [FULLTIME AF] to [ON] consumes more battery power. · [FULLTIME AF] cannot be used when [R] is set to [ON] in n mode. AF predict This function calculates the distance the subject travels toward or away from the camera, and sets the focus accordingly. Top menu [MODE MENU] [CAMERA] [AF PREDICT] [ON] g "Using the menus" (P. 17) 1/200 F4.0 0.

0 1 2 Position the AF target mark on the subject, and press the shutter button halfway. · { blinks and AF predict continues to operate while the shutter button is pressed halfway.



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Press the shutter button fully. Note SQ1 1600 1200 1600×1200 4 · Depending on the subject, the picture may be out of focus even if [AF PREDICT] is set. · During macro and super macro mode, AF predict is not available.

54 Focusing applications AF lock The focus position can be locked. AF lock refers to locking the focus position. Be sure to register the AF lock function to the [ button (custom button) before use. g"Customizing the camera (MY MODE SETUP/SHORT CUT/CUSTOM BUTTON)" (P. 113) 1 Position the AF target mark on the desired subject and press the [ button.

· The focus is locked, and the AF lock mark is displayed. · To reset the AF lock, press the [ button again. Press the [ button to engage and disengage the AF lock. AF lock mark 1/200 F4.0 AF LOCK 0.0 4 Advanced shooting functions 2 Press the shutter button fully. TIPS To save the locked focus position after taking a picture (AF memory) j Hold down the [ button for more than 1 second to display the AF memory mark. The focus is locked while the AF memory mark is displayed. Press the [ button again to cancel the AF memory. SQ1 1600 1200 1600×1200 4 AF memory mark 1/200 F4.

0 AF MEMORY 0.0 SQ1 1600×1200 4 When the AF lock was canceled even though it was engaged j Do not operate any of the buttons or the mode dial after performing the AF lock. Doing so will cancel the AF lock. j When the camera reactivates after sleep mode, or the power or monitor is turned off, the AF lock is canceled. Note · If the zoom is operated after engaging the AF lock, the picture may be out of focus. Engage the AF lock after operating the zoom. 55

Changing the area for measuring the brightness of a subject (ESP/n) AF illuminator This function enables you to focus on dark subjects with the auto focus. ON OFF When you press the shutter button halfway, the AF illuminator lights automatically to illuminate the subject. The AF illuminator does not light. AF illuminator 4 Advanced shooting functions Top menu [MODE MENU] [ON] / [OFF] [SETUP] [AF ILLUMINATOR] g"Using the menus" (P.

17) Note · When taking close-ups at less than 80 cm (2.6 ft.), the AF illuminator lights but the subject may not be in focus. Spot) Changing the area for measuring the brightness of a subject (ESP/n) When taking pictures against backlight, the face of the subject may appear darker. With spot metering, the picture can be taken based on the brightness at the center of the monitor without being affected by the light in the background.

ESP Meters the brightness at the center of the monitor and the surrounding area separately to create a picture with balanced brightness. When taking pictures against strong backlight, the center of the picture may appear dark. Only the center of the monitor is metered. Suitable for taking a picture of the subject in the center of the monitor against backlight. Meters the brightness over a wide area with emphasis on the center of the screen.

This method is used when you do not want to allow surrounding light to affect the picture. n 4 Top menu [MODE MENU] [CAMERA] [ESP/n] [ESP] / [n] / [4] g"Using the menus" (P. 17) 56 AE lock This function is suitable for situations when optimum exposure is difficult to achieve, such as when there is excessive contrast between the subject and the surroundings. Ex: The landscape appears dark because the sky is bright. Recombine your picture so there is not much sky in the frame and lock the exposure. Compose your picture again with the sky in the frame and take the picture. 4 1 Advanced shooting functions Compose your picture so that you can lock the exposure, and press the [ button. g "Direct buttons" (P. 12) 1/200 F4.0 0.

0 2 3 · The meter reading is saved. · To reset the AE lock, press the [ button again. Press the [ button to engage and disengage the AE lock. SQ1 1600×1200 4 · When a function other than AE lock is While the AE lock is engaged, assigned to the [ button, reassign the B is displayed. function. g"Customizing the camera (MY MODE SETUP/SHORT CUT/CUSTOM BUTTON)" (P. 113) Position the AF target mark on the subject you want to focus on, and press the shutter button halfway. · The green lamp lights. 1/200 F4.0 0.

0 Press the shutter button fully. · The AE lock is automatically canceled when the picture is taken. TIPS SQ1 1600×1200 4 To save the locked meter reading after taking a picture (AE memory) j After setting the AE lock in Step 1, or after pressing the shutter button halfway in Step 2, press the [ button for more than 1 second. C is displayed. The exposure is saved while C is displayed.

Press the [ button again to cancel the AE memory. When the AE lock was canceled even though it was engaged j Do not operate any of the buttons or the mode dial after performing the AE lock. Doing so will cancel the AE lock. j When the camera reactivates after sleep mode, or the power or monitor is turned off, the AE lock is canceled. 57 Changing ISO sensitivity (ISO) The higher the ISO, the better the camera's light sensitivity and ability to shoot in low light conditions.

However, high sensitivity introduces noise into the resulting picture, which may give it a grainy appearance. AUTO 80/100/200/ 400 Sensitivity is automatically adjusted according to the conditions of the subject. With a low ISO setting, you can shoot clear, sharp images in daylight. With a high ISO setting, you can shoot in dark places. Top menu [MODE MENU] [CAMERA] [AUTO] / [80] / [100] / [200] / [400] [ISO] g"Using the menus" (P. 17) 4 Advanced shooting functions Note · ISO is based on the sensitivity of normal camera film. Changing picture brightness In some situations, you may get better results when the exposure that the camera sets is compensated (adjusted) manually. You can adjust the exposure in the range of ±2.0 EV in 1/3 EV steps. When the exposure is changed, you can check the result on the monitor.

1 2 Press pq. · Adjust toward [+] to brighten the image or [-] to darken the image. 1/200 F4.0 +2.0 Take the picture. SQ1 1600 1200 1600×1200 4 58 Adjusting the white balance TIPS · Often, bright subjects (such as snow) turn out darker than their natural colors. Adjust toward [+] to make these subjects closer to their real shades. To prevent the picture from getting brighter, adjust toward [-] when shooting dark subjects. Note · Sometimes, using the flash may not produce the brightness (exposure) that was intended. · The effects of exposure compensation may be limited when the surroundings of the subject are extremely bright or dark.

Adjusting the white balance The color of the subject differs depending on lighting conditions.



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