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You can read the recommendations in the user guide, the technical guide or the installation guide for OLYMPUS SP-590 UZ. You'll find the answers to all your questions on the OLYMPUS SP-590 UZ in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

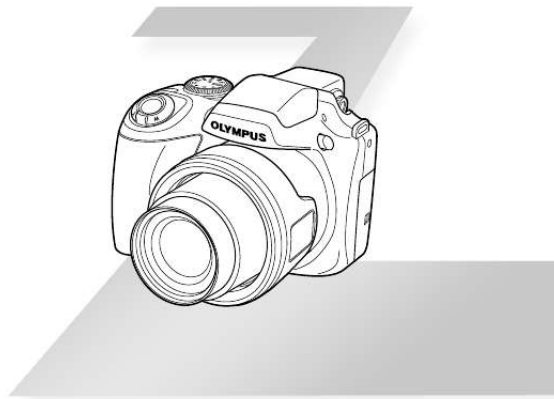
User manual OLYMPUS SP-590 UZ
User guide OLYMPUS SP-590 UZ
Operating instructions OLYMPUS SP-590 UZ
Instructions for use OLYMPUS SP-590 UZ
Instruction manual OLYMPUS SP-590 UZ

OLYMPUS

DIGITAL CAMERA

SP-590UZ

Instruction Manual



- 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.
- The screen and camera illustrations shown in this manual were produced during the development stages and may differ from the actual product.



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Manual abstract:

Three Types of Setting Operations Using the Menu Various camera settings can be accessed through the menus, including functions used during shooting and playback and the date/time and screen display. There may be unavailable menus depending on the other related settings or the position of the mode dial. Buttons in use button Arrowpad E button o button 1 Set the mode dial to one of the selections. The symbol in "Menu Settings" (p.29 to 43) indicates available shooting modes. 4 Use 78 to select the desired submenu 1, and press the o button. Submenu 2 AUTO AUTO CAMERA MENU DIGITAL ZOOM 1 WB AUTO OFF 2 ISO AUTO ON o 3 DRIVE Page tab CAMERA MENU 1 WB 2 ISO 3 DRIVE 4 FINE ZOOM 5 DIGITAL ZOOM o OFF OFF 4 FINE ZOOM 5 DIGITAL ZOOM OFF OFF 2 EXIT MENU SET OK BACK MENU SET OK This example shows how to set the [DIGITAL ZOOM]. CAMERA MENU Press the button.

To quickly jump to the desired submenu, press 9 to highlight the page tab, and then use 78 to move the page tab. Press: to return to the submenu 1.

Some menus include submenus that appear by pressing the o button. EXIT MENU SET OK Shooting mode top menu 5 Use 78 to select the submenu 2, and press the o button. Once a setting is made, the display returns to the previous screen. 3 Use 789: to select the desired menu, and press the o button. Pressing and CAMERA MENU There may be additional operations.

"Menu Settings" (p.29 to 57) CAMERA MENU 1 WB 2 ISO 3 DRIVE 4 FINE ZOOM 5 DIGITAL ZOOM AUTO AUTO holding the E button displays an explanation (menu guide) of the option selected. 1 WB 2 ISO 3 DRIVE 4 FINE ZOOM 5 DIGITAL ZOOM AUTO AUTO o OFF ON o OFF OFF SET OK EXIT MENU SET OK EXIT MENU Submenu 1 6 Press the button to complete the setting. EN Using the Direct Buttons

Frequently used shooting functions can be accessed using the direct buttons. Shutter button (p.

14) u button (monitor/viewfinder) (p.25) z/m button (custom/sequential playback) (p.26,28) 7 button (exposure compensation) (p.23) 9 button (macro) (p.24) : button (flash) (p.22) 8 button (self-timer) (p.24) q button (playback) (p.15) g/E button (menu guide/information display change/date and time check) (p.3,13,25,27) f/D button (SHADOW ADJ/erase) (p.16,22) Using the FUNC menu (p.

26) Frequently used shooting menu functions can be set with less steps using the FUNC menu. o button (p.26) Buttons in use Arrowpad o button Menu Index Menus for Shooting Functions When the mode dial is set to a shooting mode position (h/PASMrIn), settings can be adjusted. 5 4 EXIT MENU CAMERA MENU 1 2 3 6 7 SET OK Shooting mode top menu EN Menus for Shooting Functions--continued 1 A IMAGE QUALITY

p.29 . 2 KCAMERA MENU WB ...

.....

.....

.....

. p.30 . ISO..

.....

.....

.....

.. p.31 DRIVE..

.....

.....

..... p.32 FINEZOOM.

.....

.....

.... p.33 DIGITALZOOM...

..... p.33 METERING...

.....

.....

.... p.33 AFMODE.....

.....

.... p.

34 FOCUSMODE.....

..... p.34 FULLTIMEAF...

.....

p.35 AFPREDICT...

.....

.... p.35 AFILLUMINAT. ...

..... p.35 . IMAGESTABILIZER.

. p.35 . w(Flash intensity)..

.. p.36 QFLASH..

.....

.... p.36 R(Still picture REC)... p.

37 >(WB fine adjust) p.37 . PICTUREMODE...

.....

p.37 SHARPNESS.....

.... p.37 CONTRAST

.....

.....

p.38 . SATURATION.....

..... p.38 NOISEREDUCT. ...

.... p.

38 . TIMELAPSE...

.....

. p.39 I(Conversionlens).. p.39 R(MovieREC)....

.....

. p.39 3J...

.....

.....

.... p.

40 4 GPANORAMA.....

.....

p.42 . 5 D RESET

.....

.....

..... p.43 . 6ESETUP MEMORYFORMAT/ FORMAT...

.....

.... p.

50 BACKUP

.....

..... p.50 . W(Language)..

.... p.

50 PWONSETUP.....

..... p.51 MENCOLOR....

..... p.51 SOUNDSETTINGS..

.. p.51 RECVIEW ..

.....

.....

p.52 . MENUDISPLAY.....

. p.52 LIVEVIEWBOOST..

. p.52 FILENAME...

.....

.... p.53 PIXELMAPPING

.. p.53 . s(Monitor).

.....

..... p.54 X(Date/time).

.....

p.54 DUALTIME....

.....

..... p.54 .

PICORIENTATION.... p.54 VIDEOOUT

.....

.....

p.55 . HDMI.....

.....

.....

... p.56 u(Histogram).

..... p.

56 MYMODESETUP..... p.56 m/ft....

.....

.....
.....
..... p.3 8 *qbutton(playback)*..

.....
.....
.. p.15 9 *Arrowpad*..

.....
.....
.....
.... p.12 7 *button (exposurecompensation)* ... p.23 .

9 *button(macro)*.....
.....
.....
. p.24 8 *button(self-timer)*.....

..... p.24 : *button(flash)*.
.....
.....
.....

.. p.22 . 17 18 10 11 12 *obutton(OK/FUNC)*

. p.26 . *f/Dbutton (SHADOWADJ/erase)*.....

... p.16,22 . *g/Ebutton 13 14 15 16 17 18 (menuguide/informationdisplay change/dateandtimecheck)*

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

.....
..p.3,13,25,27 .
Cardslot.....

.....
.....
.....
....p.11 *Cardcover*.....

.....
.....
.....
.....
.p.11 *Zoomlever*

.....
.....
.....
.....
p.21,27 . *Shutterbutton*.....

.....
.....
.....
.....
..... p.14,20 *nbutton*..

.....
.....
.....
.....
..... p.
11,12,14 *Modedial*.....

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

21 17 18 19 ISO 1600 12M +2.

0 +2 +2 +2 12s FINE +2.0 1/400 F3.5 VGA IN 4 15 +2.0 12s IN 00:34 25 24 23 22 21 20 Stillimage 25 22 Movie 20 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Shootingmode.....

.....
.....
p.17,29 . Flashmode...
.....

.....
.....
.....
. p.23 Silentmode

.....
.....
.....
..... p.57 . Digitalimagestabilization...

..... p.
35 Macro/supermacro mode

.....
.....
. p.24 . SHADOWADJ.....

.....
.....
.....
.. p.22 Noisereduction

.....
.....
.....
p.38 . AELock.....

.....
.....
.....
.. p.57 . Batterycheck.....

..... p.
10,67 AFlock(s).....

.....
.....
.....
. p.57 . Manualfocus(a).....

.....
.....
.....
..... p.34 AFpredict(f)....

.....
.....
.....
.. p.35 Flashstandby/camershake warning/flashcharge.....

.....
.....
.....
.. p.66 . Flashintensity .
.....
.....
... p.36 .
Saturation.....

.....
.....
. p.29 Metering ...
.....

.....
.....
.....
..... p.33 . ISO...

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

.....
... p.31 .
Whitebalance.....

.....
.....
.....
p.30 Drive....
.....

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

p.32 Whitebalancefineadjust.....
... p.37 .

EN Playback mode display 1 2 x10 3456 7 8 9 10 11 12 13 1 34 6 15 10 11 17 12 13 1/1000 F3.5 +2.0 ISO 1600 100-0004 IN 4 NORM 12M 15 VGA
2009.08.26 12:30 100-0004 IN 00:14 /00:34 17 2009.
08.26 12:30 16 15 14 14 Movie Stillimage 1 2 3 4 5 6 7 8 Silentmode

.....
.....
.....
.... p.57 . Printreservation/ numberofprints ...

.....
.....
.....
.. p.61 . Soundrecord.....

.....
.....
..... p.
37,39 Protect.....

.....
.....
.....
.....
. p.48 Sequentialplayback (index/slideshow).....

.....
.....
..... p.28 Batterycheck..

.....
.....
.....
... p.10,67 Shutterspeed.....

.....

.....
.....
.... p.17 Aperturevalue.....

.....
.....
.....
.... p.17 9 10 11 12 13 14 15 16 17 Exposurecompensation.....

..... p.
23 Whitebalance.....

.....
.....
.....
p.30 Imagesize....

.....
.....
.....
. p.29 Filenumber ...

.....
.....
.....
p.53 . Framenumber Playingtime/totalrecordingtime. p.16 . Currentmemory

.....
.....
.....
. p.72 . Compression/framerate.....

..... p.29 ISO..

.....
.....
.....
.... p.31 . Dateandtime....

.....
.....
.....
p.12,54 EN Preparing the Camera Attaching the camera strap and lens cap Loading the batteries 1 2 1 2 3 Battery compartmentlock 3 4
Slidethebatterycompartmentlockfrom)to= andensurethatthebatterycompartmentcoveris securelylocked(7).



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Failure to do so may cause the battery compartment cover to open during shooting and the battery to fall out, resulting in loss of image data. Attach the strap to the eyelet in the same manner. 5 For the types of batteries that can be used, see "Battery handling precautions" (p.71). If using rechargeable batteries, charge the batteries. Turn off the camera before opening or closing the battery compartment cover. When to repress. Number of storable still pictures (p.

73) AUTO \$ Vertical grip 5 Press the shutter button halfway down to focus on the subject. exposure is locked, and the AF target mark changes to green. mark flashes red. Try focusing again. AUTO \$ When the camera focuses on the subject, the camera was unable to focus if the AF target IN 12M NORM 4 Monitor (standby mode screen) Press then button again to turn off the camera. Press halfway AF target mark "Focusing" (p.68) 1 EN 6 To take the picture, gently press the shutter button all the way down while being careful not to shake the camera. AUTO \$ Viewing images 1 Set the mode dial to q. Number of frames Press fully Imagereview screen 2009.08.

26 12:30 100-0001 IN NORM 12M 1 To view images during shooting Pressing the q button enables playback of images. To return to shooting, either press the q button again or press the shutter button halfway down. Playback image 2 Use 789: to select an image. Displays next image Displays 10 frames before the current image Displays previous image To shoot movies "Shooting movies (A mode)" (p.20) To turn off the camera Press then button to turn off the camera, and attach the lens cap to the lens.

Displays 10 frames after the current image The display size of the image can be changed. "Index view, calendar view and closeup view" (p.27) EN 1 To play back movies Select a movie, and press the o button. Erasing images during playback (Single image erase) 1 2009.08.

26 12:30 100-0004 IN 4 Press the D button when the playback image to be erased is displayed. ERASE IN MOVIE PLAY OK Movie YES Volume: During playback, press 78. Fast-forward/rewind: Select with 9: . Each time a button is pressed, the playback speed cycles through 2x, 20x and standard (1x) speed in the direction of the pressed cursor button. Pause: Press the o button. Operations during movie playback NO CANCEL MENU SET OK 2 Press 7 to select [YES], and press the o button. [KERASE] (p.49) Elapsed time / Total recording time 2009.08.26 12:30 100-0004 IN 00:12 / 00:34 During playback First (last) frame/frame advance: During pause, press 7 to display the first frame, and press 8 to display the last frame.

Press 9 to display the previous frame, and press: to display the next frame. Press the o button to resume playback. 2009.08.26 12:30 100-0004 IN 00:14 / 00:34 / During pause To stop movie playback Press the button. 1 EN Using Shooting Modes Using the best mode for the shooting scene (mode) Shooting with optimum aperture value and shutter speed (P mode) In this mode, automatic camera shooting can be used while also allowing changes to a wide range of other shooting menu functions, such as exposure compensation, white balance, etc. on when needed. 1 Set the mode dial to . PORTRAIT 1 EXIT MENU Set the mode dial to P. P mode indicator SET OK The sample image and explanation on suitable P NR shooting method will be displayed on the screen. The explanation will be displayed as well by pressing down the E button. 12M 2 Use 78 to select the best shooting mode for the scene, and press the o button to set. NORM 1/400 F3.5 IN 4 Shutter speed Icon indicating the scene mode that is set Aperture value 12M NORM IN 4 To change to another scene mode, use the menu. [J] (p.

40) EN 1 Selecting the aperture value for shooting pictures (A mode) In this mode, the shutter speed is automatically set by the camera. This is useful for shooting while controlling the range in which subjects appear sharp. Selecting the shutter speed for shooting pictures (S mode) In this mode, the aperture value is automatically set by the camera. This is useful for shooting a moving subject, such as sports photos. 1 Set the mode dial to A. A mode indicator 1 Set the mode dial to S. S mode indicator A NR S NR 12M 12M NORM 1/100 F2.8 IN NORM 1/1000 F4.0 IN 4 4 Shutter speed Aperture value Shutter speed Aperture value 2 After pressing 7, select the aperture value using 78, and press the o button. 2 After pressing 7, select the shutter speed using 78, and press the o button. 7 : Aperture value becomes larger (the range where the subjects appear sharp becomes wider). : Aperture value becomes smaller 8 (the range where the subjects appear sharp becomes narrower). 7 : Shutter speed becomes faster (fast moving objects will be shot as though it was stationary). : Shutter speed becomes slower 8 (moving objects will become blurry when shot). When the aperture value appears red, the correct exposure cannot be obtained.

When the shutter speed appears red, the correct exposure cannot be obtained. 1 EN Selecting the aperture value and shutter speed for shooting pictures (M mode) This mode enables the user to set the aperture value and shutter speed manually. Smoothing out skin tone and texture (I mode) The camera finds a person's face and gives the skin a smooth, translucent look for taking the picture. 1 Set the mode dial to M. M mode indicator 1 NR Set the mode dial to I. I mode indicator M 12M 12M IN NORM +2.0 1/1000 F2.8 4 NORM IN 4 Difference between the current and correct exposures Shutter speed Aperture value 2 2 After pressing 7, select the aperture value / shutter speed using 789: , and press the o button. Point the camera toward the subject. Check the frame appearing around the face detected by the camera, and then press the shutter button to take the picture. The unedited image and edited image are both saved. If the image cannot be retouched, only the unedited image is saved. 9 : 7 8 : : : Aperture value becomes larger. Aperture value becomes smaller. Shutter speed becomes faster.

Shutter speed becomes slower. The frame may not appear or may take some time to appear for some subjects. In addition, this function may have no visible effect on some subjects. The [IMAGE SIZE] of the retouched image is limited to [J] or lower. When the difference between the current and correct exposure exceeds EV ±3.0, the indicator appears red. Long-exposure (bulb) shooting Set the shutter speed to [BULB] by pressing 8. The shutter stays open while the shutter button is pressed and held. The maximum time that the shutter can remain open is 8 minutes. This is possible only when [ISO] (p.31) is set to [64]. EN 1 Shooting movies (n mode) 1 Set the mode dial to n. A mode indicator E 15 IN 00:34 To record audio when shooting [R (Movie REC)] (p.39) To zoom while recording audio The optical zoom is not available when recording. Use [DIGITAL ZOOM] (p.

33). 2 Press the shutter button halfway down to focus on the subject, and gently press the button all the way down to start recording. Red during shooting REC Press halfway Press fully 00:34 Remaining recording time (p.73) 3 Gently press the shutter button all the way down to stop recording.



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0 EN Using Shooting Functions Using the optical zoom Turning the zoom lever adjusts the shooting range. The zoom bar appearance identifies the status of the fine zoom/digital zoom. When using optical zoom Optical zoom range Turning to the wide (W) end P Turning to the telephoto (T) end P When using fine zoom Fine zoom range When using digital zoom IN NR NR 12M W T 12M W T NORM 1/400 F3.5 IN 4 NORM 1/400 F3.5 4 Zoom bar Digital zoom range Optical zoom: 26x, Digital zoom: 5x Use of IMAGE STABILIZER (p.35) is recommended when shooting with the telephoto zoom.

To take larger images without reducing image quality [FINE ZOOM] (p.33) To take larger images [DIGITAL ZOOM] (p.33) EN 1 Brightening the subject against backlight (SHADOW ADJ *1) The camera finds a person's face that has been darkened by backlight and makes it appear brighter. *1 Using the flash The flash functions can be selected to best match the shooting conditions and render the desired image. 1 Shadow adjustment technology Press the # button to flip up the built-in flash.

1 Press the f button. P \$ OFF NR SET OK # button SHADOW ADJ OFF ON 2 3 The flash settings cannot be adjusted with the flash closed. Use 9: to select [ON], and press the o button to set. Point the camera toward the subject. Check the frame appearing around the face detected by the camera, and then press the shutter button to take the picture.

For some subjects, the frame may not appear or may take some time to appear. [METERING] (p.33) is automatically fixed to [ESP], and [AF MODE] (p.34) is automatically fixed to [FACE DETECT]. [i] is automatically switched to [j]. Also, in sequential shooting, this function is applied only to the first frame. [DRIVE] (p.32) To turn off the flash Press the flash down back into the camera. This sets to \$(FLASH OFF) mode. 2 Press .:

P AUTO NR SET OK 1/400 F3.5 FLASH AUTO AUTO ! # \$LN EN 3 Use 9: to select the setting option, and press the o button to set. Item Description The flash fires automatically in low-light and backlight conditions. This emits pre-flashes to reduce the occurrence of red-eye in your photos.

The flash fires regardless of the available light. After the pre-flashes that reduce the red-eye, the flash fires regardless of the available light. The flash does not fire. The flash fires at a slow shutter speed immediately after the shutter is opened (first curtain sync). Both the subject in the foreground and the night scene in the background are captured. Adjusting the brightness (Exposure compensation) The standard brightness (correct exposure) set by the camera based on the shooting mode (except for M) can be adjusted brighter or darker to obtain the desired shot.

FLASH AUTO *1 REDEYE *1 FILL IN RED-EYE + FILL-IN FLASH OFF 1 Press 7. P +2.0 1/1000 F8.0 Exposure compensation value SLOW 2 Use 9: to adjust the brightness, and press the o button to set. 9: Darken :: Brighten This combines the pre-flashes of RED-EYE SLOW red-eye reduction with the flash in SLOW (first curtain sync).

The flash fires at a slow shutter speed immediately before the shutter is closed (second curtain sync). This can be used to create effects such as the tail lights of a car streaming backwards. SLOW 2 *1 This cannot be set in Sand M modes. EN Shooting closeups (Macro shooting) This function enables the camera to focus and shoot subjects at closed distances. Using the self-timer After the shutter button is pressed all the way down, the picture is taken after a timed delay.

By securing the camera on a tripod, this function enables the user to take a picture of himself/ herself at a distance from the camera (h) or to take pictures without the camera shake (k). 1 Press 9. P \$ OFF NR 1 Press 8. P \$ Y SET OK % & OFF 12M OFF SET OK SELFTIMER OFF OFF 12s 2s 2 Use 9: to select the setting option, and press the o button to set. Item Description Macro mode is deactivated. This enables shooting as close as 10cm (3.9in.) *1 to the subject. This enables shooting as close as 1cm (0.39in.)

*2 to the subject. NORM 1/400 F3.5 2 OFF MACRO SUPERMACRO *1 *2 Use 78 to select the setting option, and press the o button to set. Item Description This cancels the self-timer. OFF When the zoom is at the widest (W) setting. The zoom is automatically fixed. After setting, when the shutter button is pressed all the way down, the self-timer lamp turns 12s SELFTIMER on for approx. 10 seconds, and then blinks for approx. 2 seconds before taking the picture. After setting, when the shutter button is pressed all the way down, the self-timer lamp blinks for approx.

2 seconds before taking the picture. 2s SELFTIMER Self-timer shooting is automatically canceled after one shot. To cancel the self-timer after it starts Press 8 again. The self-timer cannot be set when [AF PREDICT] (p.35) is set to [ON] or [DRIVE] (p.

32) is set to [PRE-CAPTURE ON]. EN Switching between the monitor and viewfinder Both the monitor and viewfinder are available to compose a shot. There may be cases where the monitor is difficult to see due to bright light being reflected on it while shooting under a clear sky.

In such cases, use of the viewfinder is helpful when composing a shot. Changing the shooting information display The display of the screen information can be changed to best match the situation, such as clearing the view of the screen or for creating a precise composition by the use of the grid display.

1 The displayed shooting information changes in the order shown below each time the button is pressed. "Shooting mode display" (p.8) Press the g button. Normal P ISO 1600 12M NR Histogram P 12s ISO 1600 12M IN NR 1 Each time the button is pressed, the camera Press the u button. 12s NORM +2.0 1/400 F3.5 4 NORM +2.0 1/400 F3.5 IN 4 displays switches between the monitor and the viewfinder. No information Grid P ISO 1600 12M NR To view clearer images through the viewfinder Turn the diopter adjustment dial while looking through the viewfinder until the viewfinder display appears sharp.

u button Diopter adjustment dial 12s NORM +2.0 1/400 12s F3.5 IN 4 [u (Histogram)] (p.56) Reading a histogram If the peak fill is too much of the frame, the image will appear mostly white. If the peak fill is too much of the frame, the image will appear mostly black. The green section shows the luminance distribution within the center of the screen. Viewfinder EN Locking the exposure and/or focus position for shooting (AE LOCK/AF LOCK)

Once the exposure and/or focus position are/is set for a subject in shooting mode, you can continue shooting at the same exposure, focus position or both (AE LOCK, AF LOCK or AF LOCK + AE LOCK) even if the composition of the shot is changed. Using a function assigned to the z button (Custom button) This allows you to register a frequently used function (except I, A). Once registered, you can set the settings directly with the button instead of displaying the screen from the menu. [CUSTOM BUTTON] (p.

57) 1 Assign either [AE LOCK], [AF LOCK] or [AF LOCK + AE LOCK] to the z button. In the default setting, [AE LOCK] is assigned to this button. 1 Press the z button. P SET OK NR [CUSTOM BUTTON] (p.57) FINE ZOOM OFF ON 2 Compose the shot and press the z button. The exposure/focus position setting assigned in step 1 is locked. 2 Use 9: to select the setting option, and press the o button to set.



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Bmark Using the FUNC menu The FUNC menu provides the following menu functions that can be quickly called and set. [DRIVE](p.32) [WB](p.30) [METERING](p.33) [AIMAGEQUALITY](p.29) [MYMODESETUP](p.56) [ISO](p.31) P AF target mark AEL AFL ^mark 1/400 F3.5 When setting the [AFLOCK+AELOCK] To cancel the setting Press the button again so that the B/mark no longer appears. When the mode dial is set to other, to dare selectable. 1 3 After changing the composition of the shot, press the shutter button. Press the o button before shooting. c ISO 1600 3 12M FINE MY MODE 2 2 Use 78 to select the menu function and 9: to select the setting option, and then press the o button to set.

*EN Using Playback Features Index view, calendar view and closeup view Index view and calendar view enable quick selection of a target image, and closeup view (up to 10x magnification) allows checking of image details. To select an image in index view Use 789: to select an image, and press the button to display the selected image in single-image view. To select images in calendar view Use 789: to select a date, and either press the button or turn the zoom lever to T to view the images taken on the selected date. 1 Turn the zoom lever. To scroll an image in closeup view Use 789: to move the viewing area. W side T side Single-image view Closeup view Changing the image information display Shooting information displayed on the screen can be changed. W 1 100-0004 2009.08.26 12:30 IN NORM 12M 4 T The displayed image information changes in Press the g button. The orders shown below each time the button is pressed.
W Index view T T x10 Normal Histogram 1/1000 F3.5 +2.0 ISO 400 NORM 12M NORM 12M 2009.08.26 12:30 2009.08.26 12:30 IN 100-0004 IN 4 2009.08.26 12:30 IN 4 4 W W 2009.08.26 12:30 IN 4 W T Detailed No information 1/1000 F3.5 +2.0 ISO 400 2009.08.26 12:30 IN 4 T 2009.08.26 12:30 IN 4 2009.08.26 12:30 100-0004 IN 4 NORM 12M W Calendar view 2009 [u(Histogram)](p.56), "Reading a histogram"(p.*

25) SUN MON TUE WED THU FRI SAT 8 26 2 9 16 23 30 27 3 10 17 24 31 28 4 11 18 25 1 29 5 12 19 26 2 30 6 13 20 27 3 31 7 14 21 28 1 8 15 22 29 IN EN Playing back sequentially shot images For images that were shot sequentially with the below functions, only the first frame will be displayed. [j],[N],[I],[i],[7],[TIMELAPSE], [SSMILESHOT] Playing back panoramic images Panoramaimages that were combined together using [COMBINEINCAMERA1] or [COMBINE INCAMERA2] can be scrolled for viewing. [GPANORAMA](p.42) 1 Select an image with a sequential shot icon during playback. "Viewing images"(p.15) Sequential-shot icon 1 Select a panorama image during playback. "Viewing images"(p.15) 12M 2009.08.26 12:30 NORM 100-0003 2 EXPAND 100-0002 IN 2 2 Press the o button.

To perform automatic playback Press the button. All the images taken in sequence will be played back automatically. To display the index view Press the button. To cancel, press the button again. Current viewing area Operations during panorama image playback BACK IN 2 Zoom in/Zoom out : Turn the zoom lever.

Playback direction : Press 789: during zoom playback to scroll in the direction of the pressed button. Applying [0(Protect)](p.48), [y(Rotate)](p.48), [LPRINTORDER] (p.49) and [ERASE](p.

16) when displaying the first frame will apply the setting to all the images that were shot sequentially. To apply the setting to each frame individually, change to index view before setting. Pause Restart scrolling Stop playback : Press the button. : Press the button. : Press the button. EN Adjust the settings for the functions while referring to "Using the Menu" (p. 3). Menus for Shooting Functions When the mode dial is set to a shooting mode, settings can be made. The icon next to indicates the position to adjust the mode dial to when setting functions. .

*The default settings of the function are highlighted in Selecting the appropriate image quality for your application [A IMAGE QUALITY] AIMAGEQUALITY : h P A S M r 1 Still pictures Submenu 1 Submenu 2 12M(3968x2976) 5M(2560x1920) 3M(2048x1536) 2M(1600x1200) 1M(1280x960) IMAGESIZE VGA(640x480) 16:9G(3968x2232) Application Suitable for printing pictures over A3(11x17in.). Suitable for printing pictures at A4(8.5x11in.). Suitable for printing pictures upto A4(8.5x11in.). Suitable for printing pictures at A5(5x7in.). Suitable for printing pictures at postcard size. Suitable for viewing pictures on a TV or using pictures on emails and websites. Suitable for conveying the expansiveness of subjects such as landscapes and utilizing the entire screen for viewing pictures on a widescreen TV. Also used for printing pictures at A3(11x17in.). Suitable for conveying the expansiveness of subjects such as landscapes and utilizing the entire screen for viewing pictures on a widescreen TV. Also used for printing pictures at A5(5x7in.). Shooting at high quality. Shooting at normal quality. 16:9F(1920x1080) COMPRESSION FINE NORMAL : A Movies Submenu 1 IMAGESIZE FRAMERATE *1 Submenu 2 VGA QVGA N30fps*1 O15fps*1 Imagesize is set to 320x240. Application Imagesize is set to 640x480. This will be played back in a full screen. Provides smooth video images. Shoots with image quality as the priority. Provides standard video images. Shoots with movie length as the priority. frames per second "Number of storable pictures (still pictures)/continuous recording length (movies) in the internal memory and xD-Picture Card"(p.73) EN Adjusting image color [WB] KCAMERAMENU WB : P A S M r I A Submenu 2 AUTO 5 3 1 PRESET w x y Submenu 3 -- Application The camera automatically adjusts the white balance according to the shooting scene. For shooting outdoors under a clear sky For shooting outdoors under a cloudy sky For shooting under tungsten lighting For shooting under daylight fluorescent lighting (household lighting, etc.*

) For shooting under neutral fluorescent lighting (desk lamps, etc.) For shooting under white fluorescent lighting (offices, etc.) (Proceed to the setting For setting a more precise white balance than preset white V(One-touch WB) screen.) balance, [AUTO] or [PRESET]. To set the One-touch WB Select [V], and aim the camera at a sheet of white paper which fills the screen, making sure there are no shadows, and then press the button. One-touch WB icon ONE TOUCH WB P NR 12M BACK MENU SET OK Settings screen o button NORM 1/400 F3.5 IN 4 Standby mode screen 0 EN Adjust the settings for the functions while referring to "Using the Menu" (p. 3). Selecting the ISO sensitivity [ISO] KCAMERAMENU ISO : P A S M r A method for indicating film speed by the International Organization for Standardization (ISO) (e.g. "ISO100"). In the ISO setting, although small values result in less sensitivity, sharp images can be taken under fully lit conditions. Large values result in high sensitivity, and images can be taken at fast shutter speed even under dimly lit conditions. High sensitivity introduces electronic noise into the resulting picture, which may give it a grainy appearance.



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Submenu 2 AUTO HIGHISOAUTO Application The camera automatically adjusts the sensitivity according to the shooting scene. The camera automatically adjusts to a higher sensitivity than [AUTO] to reduce blurring caused by camera shake and motion of the subject. 64/100/200/400/800/1600/ Set ISO sensitivity to a numerical value. 3200/6400 If set to [3200]/[6400], [IMAGE SIZE] is limited to [H] or lower. The ISO setting of [3200]/[6400] is not available when [FINE ZOOM] (p.33) or [DIGITAL ZOOM] (p.33) is set to [ON]. [AUTO], [HIGHISO AUTO] is not available when M mode is selected. EN 1 Shooting pictures sequentially while the shutter button is held down [DRIVE] KCAMERAMENU DRIVE : P A S M r Submenu 2 o j * 1 c d PRE-CAPTURE OFF / PRE-CAPTURE ON - - - - - Submenu 3 Submenu 4 Application One frame is shot each time the shutter button is pressed. Sequential shooting at a focus and brightness (exposure) that is locked in the first frame. Sequential shooting at a higher speed than [j]. Sequential shooting at a speed of approx. 10 frames/sec. When set to [PRE-CAPTURE ON], 10 frames (from pressing the button halfway down until shooting starts) will be saved. Sequential shooting while adjusting the focus for each image. Sequential shooting that automatically changes the exposure for each frame while using the focus and white balance that were locked at the first frame (Bracket shooting).

The exposure interval and the number of shots are selectable. i -- 7 ± 0.3 / ± 0.7 / ± 1.0 × 3 / × 5 * 1 The shooting speed varies depending on the settings for [IMAGE QUALITY] (p.29). When set to [c] or [j], flash is fixed to \$(FLASH OFF) mode and the available [ISO] settings are limited. When set to [c], [IMAGE SIZE] is limited to [H] or lower, and the number of sequential images is approx. 25 or less. (When [H] and [COMPRESSION] of "FINE" are selected, the number becomes 20 or less.) When set to [j], [IMAGE SIZE] is limited to [I] or lower, and the number of sequential images is approx. 25 or less. (This includes the 10 images immediately before shooting when [PRE-CAPTURE ON] is selected.) EN Adjust the settings for the functions while referring to "Using the Menu" (p. 3).

Shooting at magnifications higher than optical zoom without reducing the image quality [FINE ZOOM] KCAMERAMENU FINE ZOOM : P A S M r I Selecting the range for measuring the brightness [METERING] KCAMERAMENU METERING : P A S M r A Submenu 2 Application Shoot to obtain a balanced brightness over the entire screen. (Meter the brightness at the center and surrounding areas of the screen separately.) Shoot the subject at the center during backlighting. (Meter the brightness within the AF target mark only.) Shoot without being affected by the surrounding brightness. (Meters a wider range based on the center section of the screen.) Submenu 2 OFF ON Application Only optical zoom is used to zoom in for shooting. Optical zoom and image cropping are combined to zoom in for shooting (upto 39×). 5 (spot) ESP This function will not reduce the image quality since it does not convert the data with fewer pixels into the data with larger pixels. When set to [ON], [IMAGE SIZE] is limited to [I] or lower. When set to [ON], [DIGITAL ZOOM] is canceled automatically. [FINE ZOOM] is not available when [%SUPERMACRO] (p.24) is selected. 4 (center weighted) When set to [ESP], the center can appear dark when shooting against strong backlighting. Shooting at magnifications higher than optical zoom [DIGITAL ZOOM] KCAMERAMENU DIGITAL ZOOM : P A S M r I A Submenu 2 OFF Application Only optical zoom is used to zoom in for shooting.

Optical zoom and digital zoom are combined to zoom in for shooting (Still pictures: Approx. 130x(max.), Movies: Approx. 78x(max.)). ON When set to [ON], [FINE ZOOM] is canceled automatically. [DIGITAL ZOOM] is not available when [%SUPERMACRO] (p.24) is selected. EN Selecting the focusing area [AF MODE] KCAMERAMENU AF MODE : P A S M r Submenu 2 FACE DETECT * 1 Changing the focus method [FOCUS MODE] KCAMERAMENU FOCUS MODE : P A S M r Submenu 2 AF MF Application This is used for taking pictures of people. The camera automatically detects and focuses on a face. This enables you to compose the shot without worrying about the focusing position. The camera finds the subject to focus on and then automatically adjusts the focus. The camera focuses on the subject within the AF target mark. The AF target mark position is moved to focus the camera on the subject located at a position other than the center. 12M Application Press the shutter button halfway. The camera automatically focuses. Adjust the focus manually. i ESP When set to [MF] Rough indication of shooting distance (MF bar) SPOT P 1m 3m 5m MF AREA * 1 For some subjects, the frame may not appear or may take some time to appear. FINE 1/400 F3.5 IN 4 To move and lock the AF target mark [AREA] Use 789: to move the AF target mark (V) on the screen. To lock the AF target mark, press and hold the o button until the mark changes to R. To unlock the AF target mark, press and hold the o button until the mark changes to V. Enlarged view a mark 1 Press 9: to adjust the focus while checking the focus on the enlarged view. The display units in the MF bar can be selected. [m/ft] (p.57) To lock the shooting distance Press and hold the o button until the a mark turns red. To unlock the shooting distance, press and hold the o button until the a mark returns to green. EN Adjust the settings for the functions while referring to "Using the Menu" (p. 3). Shooting pictures while keeping the subject in focus [FULLTIME AF] KCAMERAMENU FULLTIME AF : P A S M r I A Submenu 2 OFF Using the AF illuminator to focus on a shadowy subject [AF ILLUMINAT.] KCAMERAMENU AF ILLUMINAT. : P A S M r I Submenu 2 OFF ON Application Pressing the shutter button halfway down brings the subject into focus and locks the focus. Fulltime AF keeps the subject in focus, without having to press the shutter button down halfway. This reduces focusing time. Application The AF illuminator is not used. When the shutter button is pressed halfway down, the AF illuminator turns on to aid focusing. ON Also, the subject is automatically kept in focus during movie shooting. AF illuminator Shooting pictures while focusing on subjects moving back and forth [AF PREDICT] KCAMERAMENU AF PREDICT : P A S M r Submenu 2 OFF Retouch the blur effects caused by the camera shake when shooting [IMAGE STABILIZER] KCAMERAMENU IMAGE STABILIZER : P A S M r I A Submenu 2 Application The image stabilizer is deactivated. This is recommended for shooting when the camera is fixed in place on a tripod or other stable surface. The image stabilizer is used for taking pictures. Pressing the shutter button halfway down activates the stabilizing function. Application Pressing the shutter button halfway down brings the subject into focus and locks the focus. When the shutter button is pressed halfway down, the camera tracks the focusing subject, and it continues to keep the subject in focus while the button is held halfway down. This reduces focusing time. OFF ON ON The camera may not be able to bring some subjects into focus even when set to [ON]. [AF PREDICT] is not available when using [&MACRO] and [%SUPERMACRO]. (p.24) There may be noise coming from inside the camera when the shutter button is pressed with [IMAGE STABILIZER] (still images) set to [ON]. The image stabilizer can be less effective during night shooting and other situations where the shutter speed is extremely slow. Images may not be stabilized if camera shake is too severe.



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Whensetto[ON],shootingamovieforanextendedperiodoftimeresultsinthe cameraheatingup,andtheprotectivecircuit automaticallyshutoffthepower. EN Adjusting the flash intensity [w] KCAMERAMENUw :P A S M r I Incertainsituations,itisadvisabletoadjusttheflashintensity,suchaswhenshootingsmallsubjects ordistantbackgrounds.Thisfunctionalsousedwhenincreasedcontrastisdesired. Submenu 2 -2.0to+2.0 Application Adjusttheflashintensityfortheshootingscene. Using an external flash [Q FLASH] KCAMERAMENUQFLASH :P A S M r I Submenu 2 IN #RC Submenu 3 -- CH1toCH4 Application Thebuilt-inflashisusedfortakingpictures. AnOlympusWirelessRCFlashSystemcompatibleflashis usedfortakingpictures.Thechannel(CH1toCH4)canbe selected. Thecommercially-availableslaveflashthatis synchronized withthecameraflashisusedfortakingpictures.

Theflash intensitysettingcanbeadjusted. SLAVE 1to10 "TakingpictureswiththeOlympusWirelessRCFlashSystem"(p.74)

Whensetto[SLAVE],theflashsettingautomaticallychangesto[#FILLIN](p.23).

Whensetto[SLAVE],theflashcanfirewhen[DRIVE](p.32)issettoasettingotherthan[o],butif

theflashintensityislarge,theintervalbetweensequentialshotsbecomeslonger. EN Adjust the settings for the functions while referring to "Using the Menu" (p. 3).

Recording sound when shooting still pictures [R] KCAMERAMENUR :P A S M r Submenu 2 OFF Selecting the color tone of the image [PICTURE MODE]

KCAMERAMENUPICTUREMODE :P A S M r Submenu 2 VIVID NATURAL Application Nosoundisrecorded. Thecameraautomaticallystarts recordingforapprox.

4secondsafter takingthepicture.Thisisusefulfor recordingnotesorcommentsabout thepicture. Application Thisgivestheimageavividcolor tone.

Thisgivestheimageanatural colortone. ON Whenrecording,aimthemicrophone(p.

48) atthesourceofthesoundyouwantto record. Adjusting the sharpness of contours [SHARPNESS] KCAMERAMENUSHARPNESS :P A S M r I A Submenu 2 Application Thisadjuststhesharpenessof contours.Adjustinthe+direction tomaketheimageappear sharper, andadjustinthedirectionto maketheimageappear softer.

Adjusting the white balance [>] KCAMERAMENU> :P A S M r I A IUse78 toadjustthewhitebalance andpressthebuttontoset. > -5to+5 Thewhitebalance canbeadjustedin 7stepsinboththe [BLUE]and[RED] directions.

BACK MENU BLUE Ifyouadjustthesharpenessoofarinthe +direction,noisemayappearintheimage. RED SET OK [WB](p.30) EN Adjusting the contrast of the image [CONTRAST] KCAMERAMENUCONTRAST :P A S M r I A Submenu 2 Application Thisadjuststhecontrastbetween lightanddarkareas.Adjustinginthe

+directionproducesacrisperimage. Adjustinginthedirectionsoftensthe overallimpressionoftheimage. Reducing noise during long exposures [NOISE REDUCT.] KCAMERAMENUNOISEREDUCT. :P A S M r Submenu 2 OFF Application Thecameratakespicturesatafast shutter speed. Nonoisereductionisused. Thecameratakespicturesataslow shutter speed.

Noisereductionis activatedwhentheshutterspeedis slowerthan1/2second. -5to+5 ON Adjusting the color saturation [SATURATION]

KCAMERAMENUSATURATION :P A S M r I A Submenu 2 -5to+5 Whensetto[ON],thetimeforshootingand savingdataisapprox.twiceaslongasusual.

Duringthiswaittime,nopicturescanbetaken. Thisfunctionmaynotworkeffectivelyfor somesubjectsandshootingconditions. Thisfunctionisfixedto[ON]whenthe shutter speedissetto[BULB]. "Selecting theaperturevalueandshutterspeedfor shootingpictures(Mmode)"(p.19) Application Thisadjuststhecolorsaturation.

Adjustinginthe+directionproduces deepercolors.Adjustinginthedirection producesmoresubduedcolors.

EN Adjust the settings for the functions while referring to "Using the Menu" (p. 3). Taking a preset number of shots at preset intervals [TIMELAPSE]

KCAMERAMENUTIMELAPSE :P A S M r Submenu 2 OFF ON 2to99 Submenu 3 -- Submenu 4 -- 1MINto99MIN Application

Thetimelapseshootingfunctionisdeactivated. Thetimelapseshootingfunctionisactivated.The amountofimagesandshootingintervalcanbe selected.

Timelapse shooting Pressingtheshutterbuttonaftersettingtheamountofimages,shootingintervalandsetting

thisfunctionto[ON],thefirstframewillbetaken,andthecameratakestheremainingframes

thereafterautomatically.Thecameraautomaticallyenterssleepmode(p.57)afterthefirstframe

hasbeensaved.Sleepmodeisexitedaround7secondsbeforethenextshot.Oncethepreset numberofframesistaken,thecameraautomaticallyturnsoff.

UseofnewbatteriesoranACadapterisrecommendedwhentakingframesoveranextendedperiod oftime.

Ifanyofthefollowingoperationsareperformedwhilethecameraisinsleepmode,thecamera

cancelstimelapsemodeandreturnstonormalshooting:openingofthebatterycompartmentcoveror

cardcover,connectingthecameratoacomputer,pressingtheshutterbuttonorarrowpad.

Iftheinternalmemoryorcardorthebatterypowerrunsoutduringssleepmode,awarningis

displayed,[TIMELAPSE]modeiscanceledandthecameraautomaticallyturnsoff. Taking pictures with a conversion lens [1] KCAMERAMENU1 :P A S M r I A Recording movie with sound [R] KCAMERAMENUR :A Submenu 2 Application Nosoundisrecorded. Soundisrecordedwhileshooting movies. Submenu 2 OFF

ON Application Noconversionlensisused(camera bodyonly). Thecameratakespicturesby attachingaconversionlensspecified byOlympus(soldseparately). OFF

ON Whenaconversionlensisattached,light fromthebuilt-inflashcancausevignetting whereshadowsfromtheconversionlens appearontheimages.

Whenaconversionlensisattached,thecameramaytakeextratimetofocus. Soundsmaynotberecordedclearlyifthe cameraismorethan1mawayfromthesoundsource.

Whensetto[ON],[IMAGESTABILIZER] (p.35)isnotavailable. Whensetto[ON],setting[FULLTIMEAF] (p.35)to[ON]mayrecordthesoundofthe lensoperating.

EN Selecting a scene mode according to the shooting situation [J] J : Inmode,theoptimumshooting settingsarepre-programmedforspecific

shootingscenes.Forthisreason,settings maynotbechangedinsomemodes. Submenu 1 B PORTRAIT/FLANDSCAPE/ C SPORT/GNIGHTSCENE*/1/

UNIGHT+PORTRAIT/ NINDOOR/WCANDLE/ SSUNSET/XFIREWORKS*/1/ bMULTIFIREWORKS/ 0MULTIPLEEXPOSURE/ VCUISINE/dDOCUMENTS/

ISMILESHOT/ qBEACH&SNOW/ zBIRDWATCHING/ ISOFTBACKGROUNDSHOT/ YPRE-CAPTUREMOVIE/ rQUICKSHUTTER/ *1 Making an overlay

image with fireworks ([b MULTI FIREWORKS] mode) 1Select[bMULTIFIREWORKS]. Application 12M NORM IN 4 2Presstheshutterbuttontotakethefirst

frame. Thecameratakes apictureinthe modeforthe shootingscene. Theexposureislockedatthefirstframe.

The savedimageisdisplayedasthebackground. Toretakethefirstshot,pressheobutton, andthenpresstheshutterbuttonagain.

Whenthe subjectis dark,[NOISEREDUCT.](p.38) isautomaticallyactivated.

Timetaketoshootwill bedoubled,andnoothershootingcanbedonein thattime. 12M EXIT OK IN 3 Thesampleimageandexplanationson

suitable shootingmethodswillbedisplayedon thescreen.Theexplanationswillbedisplayed aswellbypressingdowntheEbutton. 3Adjustthe positionofthefireworksthat willbetakeninthesecondframeoverthe firstframeusedasthebackground,and thenpresstheshutterbutton.



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To select a mode "Using the best mode for the shooting scene (mode)" (p.

17) The overlay image is saved as a separate image from the first and second frames. To retake the second shot, press the shutter button again. Making an overlay image ([0 MULTIPLE EXPOSURE] mode) The method of shooting is the same as in [b MULTIFIREWORKS] mode. While shooting settings cannot be changed in [b MULTIFIREWORKS], it is possible to do so in [0 MULTIPLE EXPOSURE]. 0 EN Adjust the settings for the functions while referring to "Using the Menu" (p. 3). Detecting a smiling face to release the shutter automatically ([1 SMILE SHOT] mode) 1 Select [1 SMILE SHOT], and then aim the camera towards the subject. Capturing the perfect moment when shooting ([r QUICK SHUTTER] mode) 1 Select [r QUICK SHUTTER], and then press the shutter button to take pictures. The self-timer lamp turns on. When a smiling face is detected, the camera automatically takes 3 sequential shots.

The release time lag (time from when the shutter button is pressed until the shutter actually released) is shorter than normal. Pictures can also be taken manually by pressing the shutter button. The camera may not be able to detect a smiling face for some subjects. [IMAGE SIZE] is limited to [I] or lower. [FULLTIME AF] (p. 35) is automatically set to [ON]. [N] and [J] can be set for [DRIVE] (p. 32). Capturing the perfect moment when shooting ([YPRE-CAPTURE MOVIE] mode) 1 Use 78 to select [YPRE-CAPTURE MOVIE], and press the button to set. Taking pictures with blurred backgrounds ([1 SOFT BACKGROUND SHOT] mode) 1 Use 78 to select [1 SOFT BACKGROUND SHOT], and press the button to set. 2 Use 789: to select a frame, and then press the button. This function is ready for shooting immediately after setting this option. Select from "Face", "Upper Body", "Whole Body" or "Circle". 2 Press the shutter button to start movie shooting. 3 Shoot the subject within the frame.

A 7-second movie, including 2-second movie immediately before pressing the shutter button, is taken. Available during movie recording. The frame can be moved by pressing 789: . The optical zoom and autofocus functions are not recorded. The AF target mark is not displayed. Select [IMAGE SIZE] from [C] or [E], and [FRAMERATE] from [N] or [O]. EN 1 Creating panoramic images [G PANORAMA] GPANORAMA : P r Submenu 2 Application Three frames are taken and combined by the camera. The user only composes the shots so that the target marks and pointers overlap, and the camera automatically releases the shutter. The shooting functions are already preset to the optimum settings for panoramic shooting. Three frames are taken and combined by the camera. The user composes the shots using the guide frame and manually releases the shutter. Taking pictures with [COMBINE IN CAMERA1] 1 Press the shutter button to take the first frame. 2 Move the camera slightly in the direction of the second frame. COMBINE IN CAMERA1 *1 *2 Target mark Pointer CANCEL MENU SAVE OK Screen when combining images from left to right COMBINE IN CAMERA2 *2 3 Move the camera slowly while keeping it straight, and stop the camera where the pointer and target mark overlap. The frames that were taken are combined into a panoramic image using the OLYMPUS Master2 COMBINE IN PC software from the provided CD-ROM.

Pictures are taken in the last [ISO] or [J] settings (except for some scene modes). *1 *2 The camera releases the shutter automatically. Not available when mode is selected. The [AIMAGE QUALITY] (p. 29) setting cannot be changed. CANCEL MENU SAVE OK The focus, exposure (p. 14), zoom position (p. 21) and [WB] (p. 30) are locked at the first frame. The optical zoom is limited to 10x.

The flash (p. 23) is locked to \$(FLASH OFF) mode. Panoramic images can be edited using [SHADOW ADJ] (p. 44) only. "Playing back panoramic images" (p. 28) To combine only two pictures, press the button before taking the third frame. 4 Take the third frame in the same way as step 3. After the third frame is taken, the camera To cancel a panoramic picture during shooting, press the button. automatically processes the frames and the combined panoramic image is displayed. When the shutter does not automatically release, try [COMBINE IN CAMERA2] or [COMBINE IN PC].

EN Adjust the settings for the functions while referring to "Using the Menu" (p. 3). Taking pictures with [COMBINE IN CAMERA2] 1 Use 789: to select the direction that the frames are combined. Direction for combining the next frame Taking pictures with [COMBINE IN PC] 1 Use 789: to select the direction that the frames are combined. 2 Press the shutter button to take the first frame, and then compose the second shot. Compose the shot using the guide frames so that the two adjacent frames overlap. CANCEL MENU 3 Repeat step 2 until the number of required frames are taken, and then press the button when done. When the mark is displayed, you cannot continue shooting any further. Panorama shooting is possible for up to 10 frames. Refer to the OLYMPUS Master2 help guide for details on how to create panoramic images.

2 Press the shutter button to take the first frame. A guide frame appears as a reference. Guide frame Joint area Restoring the shooting functions to the default settings [D RESET] DRESET : h P A S M I A CANCEL MENU CANCEL MENU SAVE OK 1st frame Submenu 1 Application Restore the following menu functions to the default settings. · SHADOW ADJ (p. 22) · Flash (p. 22) · Exposure compensation (p. 23) · Macro (p. 24) · Self-timer (p. 24) · [AIMAGE QUALITY] (p. 29) · [J] (p. 40) · Menu functions in [K CAMERA MENU] (p. 30 to 39) · Switching between the monitor and viewfinder (p. 25) The current settings are not changed. 3 Compose the second shot so that the joint area overlaps the guide frame. YES CANCEL MENU SAVE OK Composition of the 2nd frame NO 4 Press the shutter button to take the second frame.

To combine only two pictures, press the button before taking the third frame. 5 Take the third frame in the same way as steps 3 to 4. After the third frame is taken, the camera To cancel a panoramic picture during shooting, press the button. automatically processes the frames and the combined panoramic image is displayed. EN Menus for Playback, Editing and Printing Functions Settings can be made when the mode dial is set to q.

Playing back pictures automatically [G SLIDESHOW] GSLIDESHOW Submenu 1 ALL *1 *2/ STILL PICTURE/ MOVIE *1 *2/ CALENDAR *1 *2 *3 Submenu 2 NORMAL/ SCROLL/ FADER/ SLIDE/ ZOOM DOWN/ ZOOM UP/ CHECKERBOARD/ BLINDS/ SWIVEL/ RANDOM Submenu 3 Application OFF/ STANDARD/ Select the coverage of images for the slideshow, the type of transition effect used SPEED/ between images and the background music. CYBER/ AQUA/ SHINY *1 [TYPE] is fixed to [NORMAL]. *2 The movie sound will be played back when [OFF] in [BGM] is selected while in movie mode.

*3 When [CALENDAR] is selected, select the date in the calendar playback screen. To start a slideshow Make the [BGM] settings and press the button to start the slideshow. To stop the slideshow, press the button or button. Retouching images [H PERFECT FIX] H PERFECT FIX Edited or retouched images cannot be retouched again. Depending on the picture, the editing may not be effective. The retouching process may lower the image resolution. Submenu 1 ALL SHADOW ADJ REDEYE FIX Application [SHADOW ADJ] and [REDEYE FIX] are applied together.

Only sections darkened by backlighting and dim lighting are brightened. Eyes that are reddened by the flash are corrected.



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1 Use 78 to select a correction method, and press the button. 2 Use 9: to select an image for retouching, and press the button. The retouched image is saved as a separate image. EN Adjust the settings for the functions while referring to "Using the Menu" (p. 3). Retouching the skin and eyes [F BEAUTY FIX] FBEAUTYFIX Depending on the picture, the editing may not be effective. Submenu 1 Submenu 2 Application [CLEAR SKIN], [SPARKLE EYE] and [DRAMATIC EYE] are applied together. Make skin look smooth and translucent.

Select the correction effect from 3 levels. Enhance the contrast in the eyes. Enlarge the subject's eyes. Changing the image size [Q] IEDITQ Submenu 2 C640×480 E320×240 Application This saves a high-resolution image as a separate image with a smaller size for use in e-mail attachments and other applications. ALL 1 Use 9: to select an image, and press the button.

2 Use 78 to select the image size, and press the button. CLEAR SKIN SOFT/AVG/HARD The sized image will be saved as a separate image. SPARKLE EYE DRAMATIC EYE Cropping images [P] IEDITP 1 Use 9: to select an image, and press the button. 2 Use the zoom lever to select the size of the cropping frame, and use 789: to move the frame. 1 Use 78 to select a correction item, and press the button.

2 Use 9: to select an image for retouching, and press the button. The retouched image is saved as a separate image. When [CLEAR SKIN] is selected Use 78 to select the retouching level, and press the button. CLEAR SKIN Cropping frame WT SET OK 3 Press the button. SOFT AVG HARD The edited image will be saved as a separate image. BACK MENU SET OK EN Changing the color tone of image [COLOR EDIT] IEDITCOLOREDIT Submenu 2 Black & white Sepia Saturation (hard) Saturation (soft) Adding a calendar to an image [CALENDAR] IEDITCALENDAR Application This changes the image to black and white. This changes the image to a sepia tone. This increases the color saturation of the image. This slightly increases the color saturation of the image. CALENDAR SET OK 1 Use 9: to select an image, and press the button.

2 Use 9: to select the calendar, and then use 78 to select the image orientation, and press the button. 3 Use 78 to select the Year of the calendar, and press: 4 Use 78 to select the Month of the calendar, and press the button. Sepia COLOR EDIT Black & white Saturation (hard) Saturation (soft) The edited image is saved as a separate image. 1 Use 789: to select the desired preview image, and press the button. Highlighting a face with a blurry effect around it [FACE FOCUS] IEDITFACEFOCUS A face that is largest and facing front in the picture is detected as a target. In some images, such a target may not be detected, and editing cannot be performed. The modified image is saved as a new image. 1 Use 9: to select an image, and press the button. The edited image is saved as a separate image.

EN Adjust the settings for the functions while referring to "Using the Menu" (p. 3). Creating an index of 9 frames from a movie [INDEX] IEDITINDEX This movie frame index can be saved for easily recalling the content of a movie. The scenes that are automatically extracted can be fine adjusted and reselected. Extracting a clip from a movie [EDIT] IEDITEDIT Submenu 2 NEWFILE Application The original movie is left unchanged, and a clip from the movie is saved as a separate movie.

A portion of the original movie overwrites and replaces the original movie. 1 Use 9: to select a movie, and press the button. SELECT FIRST FRAME OVERWRITE First frame Last frame Playback position 00:00 /00:36 SET OK 1 Use 9: to select a movie. 2 Use 78 to select [NEWFILE] or [OVERWRITE], and press the button. 3 Use 9: to select the first frame of the clip to be extracted, and press the button.

Frames are extracted automatically. While selecting the start or end frame, if no fine adjustment of the frames is needed, simply press the button in steps 2 and 3. pressing 78 moves to the start/end frame of the movie. 2 Select the first frame while using 9: to move the frames forward or backward, and press the button. 4 Use 9: to select the last frame of the clip to be extracted, and press the button. The extracted movie clip is saved. While selecting the start or end frame, pressing 78 moves to the start/end frame of the movie. Extracting a still image from a movie [MOVIE INDEX] IEDITMOVIEINDEX 1 Use 9: to select a movie, and press the button. 2 Use 9: to select the frame to be extracted, and press the button. 3 Select the last frame while using 9: to move the frames forward or backward, and press the button.

The index image with 9 extracted frames from the movie is saved as a separate single image. 78 can be used to move to the start/end frame of the movie. These selected frames are saved as still images. EN Protecting images [0] JPLAYBACKMENU0 Protected images cannot be erased by [ERASE] (p. 16), [SEL. IMAGE] or [ALL ERASE] (p. 49), but all images will be erased by [MEMORY FORMAT] / [FORMAT] (p. 50). Submenu 2 OFF ON Adding sound to still pictures [R] JPLAYBACKMENUR Submenu 2 Application The camera adds (records) sound for approx. 4 seconds while playing back the image. This is useful for recording notes or comments about the image. No sound is recorded. YES Application Images can be erased. Images are protected so that they cannot be erased except by formatting of the internal memory/card. NO 1 Use 9: to select an image.

2 Aim the microphone toward the sound source. 1 Use 9: to select an image. 2 Use 78 to select [ON]. 3 If necessary, repeat steps 1 and 2 to protect other images, and then press the button. Microphone Rotating images [y] JPLAYBACKMENUy Submenu 2 U+90° V0° r90° 3 Use 78 to select [YES], and press the button.

Recording starts. Application The image is rotated 90° clockwise. The image is not rotated. The image is rotated 90° counter-clockwise. Selecting a position for starting playback [INDEX PLAY] JPLAYBACKMENUINDEXPLAY 1 Use 9: to select a movie, and press the button. 2 Use the zoom lever to select the position division. 1 Use 9: to select an image. 2 Use 78 to select the rotation direction. 3 If necessary, repeat steps 1 and 2 to make settings for other images and press the button. The new picture orientations will be saved even after the power is turned off.

One movie can be divided into 4, 9, 16 or 25 chapters. 3 Use 789: to select a position, and press the button. Playback starts from the selected position. EN Adjust the settings for the functions while referring to "Using the Menu" (p. 3). Erasing images [K ERASE] KERASE Check if there is any important data before erasing images. Submenu 1 SEL. IMAGE ALLERASE Recording print settings to the image data [L PRINT ORDER] LPRINTORDER "Print reservations (DPOF)" (p. 61) Print reservation can be set only for still pictures that are recorded to the card. Application Images are individually selected and erased.

All images in the internal memory or card are erased. When erasing pictures in the internal memory, do not insert the card into the camera. When erasing pictures from the card, insert a card into the camera in advance. To select and erase images [SEL. IMAGE] 1 Use 78 to select [SEL. IMAGE], and press the button. 2 Use 789: to select the image to be erased, and press the button to add a mark to the image. SEL. IMAGE IN Rmark 1 4 2 5 OK 3 6 BACK MENU GO 3 Repeat step 2 to select the image to be erased, and then press the button to erase the selected images.



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4Use78toselect[YES],andpresstheobutton.

The images with a Rmark are erased. To erase all images [ALL ERASE] 1Use78 toselect[ALLERASE],and presstheobutton. 2Use78toselect[YES],andpresstheobutton. EN Menus for Other Camera Settings Erasing data completely [MEMORY FORMAT]/[FORMAT] ESETUPMEMORYFORMAT/FORMAT Before formatting, check that no important data is left in the internal memory or card. Non-Olympus cards and cards that have been formatted by a computer must be formatted with this camera before use. Submenu 2 YES NO *1 Changing the display language [W] ESETUPW Submenu 2 Languages*1 *1 Application The language for the menus and error messages displayed on the monitor is selected. Application Completely erases the image data in the internal memory*1 or card (including protected images). Cancels formatting. The available languages vary depending on the country and/or region where the camera was purchased. Be sure to remove the card before formatting the internal memory.

Copying images in the internal memory to the card [BACKUP] ESETUPBACKUP Submenu 2 YES NO Application Backup image data in the internal memory to the card. Cancel the backup. It takes some time to backup data. Check that the battery has sufficient power before starting the backup, or use an AC adapter. 0 EN Adjust the settings for the functions while referring to "Using the Menu" (p. 3). Setting the startup display screen and sound [PW ON SETUP] ESETUPPWONSETUP Submenu 2 SCREEN 1 2 VOLUME*2 *1 *2 Submenu 3 OFF No image is displayed. Application A preset image*1 is displayed. A still image stored in the internal memory or card is registered for display. (This option leads to the setup screen.) The volume of the startup sound is selected. OFF (No sound)/ LOW/HIGH This image cannot be changed. When [SCREEN] is set to [OFF], this setting is not available. To register a startup image 1Select[2] in submenu 3 for [SCREEN]. 2Use9: toselect the image to be registered, and press the button. Selecting the menu screen color [MENU COLOR] ESETUPMENUMCOLOR Submenu 2 Application NORMAL/COLOR1/ Select the menu screen color according to your preference. COLOR2/COLOR3 Selecting the camera sound and its volume [SOUND SETTINGS] ESETUPSOUNDSETTINGS In [FSILENTMODE] (p.57), all sounds can be set to be turned off. Submenu 2 BEEP Submenu 3 SOUNDTYPE VOLUME SOUNDTYPE Submenu 4 1/2 Application Selects the operating sound and volume of the OFF (No sound)/ camera buttons (except the shutter button). LOW/HIGH 1/2/3 OFF (No sound)/ Selects the shutter sound and volume. LOW/HIGH -- -- Selects the warning sound volume. Adjusts the image playback volume. SHUTTERSOUND 8 qVOLUME VOLUME OFF (No sound)/ LOW/HIGH 5 level excluding OFF (No sound) EN 1 Viewing the image immediately after shooting [REC VIEW] ESETUPRECVIEW Submenu 2 OFF Submenu 3 -- LCDONLY Application The image being recorded is not displayed. This allows the user to prepare for the next shot while following the subject in the monitor or viewfinder after shooting. The last image being recorded is always displayed on the monitor. The last image being recorded is displayed on the currently selected display device (monitor or viewfinder). "Switching between the monitor and viewfinder" (p.25) ON CURRENT Even when set to [ON], you can resume shooting while the image is being displayed. Selecting where the top menu is displayed [MENU DISPLAY] ESETUPMENUDISPLAY Submenu 2 LCDONLY CURRENT Application The top menu is always displayed on the monitor. The top menu is displayed on the currently selected display device (monitor or viewfinder).

The submenu chosen in [MENUDISPLAY] will be displayed on the screen when the following operations are done. Pressing the button Pressing the D button in playback mode Increasing the brightness of the monitor when taking pictures [LIVE VIEW BOOST] ESETUPLIVEVIEWBOOST Submenu 2 OFF Application The subject will be displayed on the monitor at the brightness level according to the exposure that was set. This allows you to preview the image to be captured on the monitor before shooting. The camera will automatically adjust the brightness level and display the subject on the monitor for easier confirmation. The results of the exposure compensation adjustment will not be shown on the monitor. ON EN Adjust the settings for the functions while referring to "Using the Menu" (p. 3). Resetting the file names of images [FILE NAME] ESETUPFILENAME Folder name DCIM Folder name 100OLYMP Filename Pmdd0001.jpg Adjusting the CCD and image processing function [PIXEL MAPPING] ESETUPPIXELMAPPING This function has already been adjusted at factory shipping, so no adjustment is needed right after purchase. Approximately once a year is recommended. For best results, wait at least 1 minute after taking or viewing pictures before performing pixel mapping. If the camera is turned off during pixel mapping, repeat the pixel mapping process. 999OLYMP Pmdd9999.jpg Automatic numbering Automatic numbering Month: 1 to C (A=October, B=November, C=December) Day: 01 to 31 Adjusting the CCD and image processing function 1 Press the button when [START] (submenu 2) is displayed. The camera checks and adjusts the CCD and the image processing function at the same time. Pmdd Submenu 2 Application This resets the sequential number for the folder name and filename whenever a new card is inserted. *1 This is useful when grouping images on separate cards. Even when a new card is inserted, this continues the numbering for the folder name and filename from the previous card. This is useful for managing all image folder names and file names with sequential numbers. RESET AUTO *1 The number for the folder name is reset to 100, and the number for the filename is reset to 0001.

EN Adjusting the brightness of the monitor [s] ESETUPS 1 Use 78 to adjust the brightness while viewing the screen, and then press the button. s Setting the date and time in another time zone [DUALTIME] ESETUPDUALTIME The date and time set in the [ON] setting are reflected on the image filenames and date prints. Submenu 2 Submenu 3 OFF -- (Proceeds to the setting screen*1.) Application Switches to the date and time set in [X (Date/time)]. Switches to the date and time that were set in [DUALTIME] when using the camera in another time zone. BACK MENU SET OK ON Setting the date and time [X] ESETUPX "Setting the date and time" (p.12) *1 The setting procedure is identical to that in "Setting the date and time" (p.12) The date display order is the same as that set with [X]. To select the date display order 1 Press: after setting Minute, and use 78 toselect the date display order. X Automatically rotating images shot with the camera in a vertical position during playback [PIC ORIENTATION] ESETUPPICORIENTATION During shooting, the [y] (p.

48) setting on the playback menu is set automatically. Y MD TIME 2009 08 26 12 30 YMD Date order CANCEL MENU This function may not work properly if the camera is facing up or down during shooting. Submenu 2 Application Information about the vertical/horizontal orientation of the camera during shooting is not recorded with images. Images shot with the camera in a vertical position are not rotated during playback. Information about the vertical/horizontal orientation of the camera during shooting is recorded with images. Images are automatically rotated during playback.



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