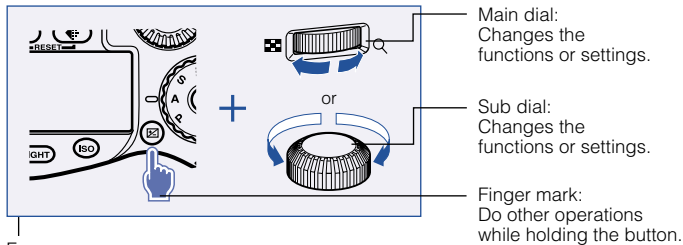


This guide is a simple summary of E-1 functions. Carry this at all times and take advantage of it to ensure smooth camera operation.

## How to Use This Guide

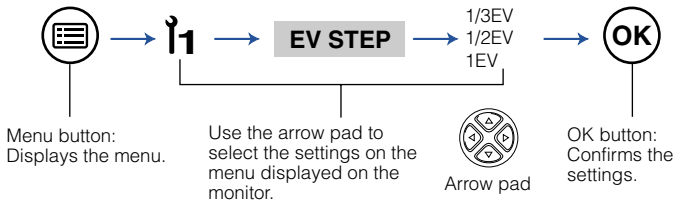
### e.g. Button & Dial operation (Exposure compensation)



**Frame:**  
Do the operations in the frame simultaneously. Here it means to compensate the exposure by rotating the main dial or sub dial while holding down the exposure compensation button.

### e.g. Menu operation (EV step)

Follow the procedure in order as shown and confirm the settings by pressing the OK button.



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CHARGED NUMBERS: +49 (0) 1805-67 10 83 or +49 (0) 40-23 77 38 99

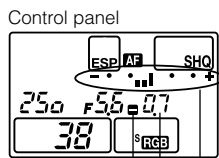
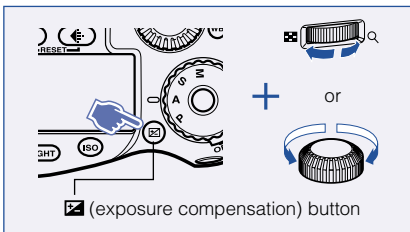
Our Technical Customer Support is available

from 9 am to 6 pm MET (Monday to Friday)

# Exposure

## Exposure compensation

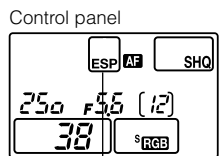
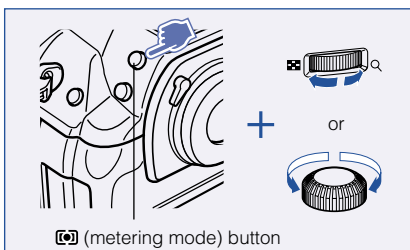
Adjustable range:  $\pm 5.0\text{EV}$   
EV step interval: 1/3EV, 1/2EV, 1EV



Adjusting toward -  
Exposure compensation value  
Exposure compensation indicator

\* Exposure compensation is not available in M mode.  
\* EV step interval can be changed. (Refer to the instruction manual.)

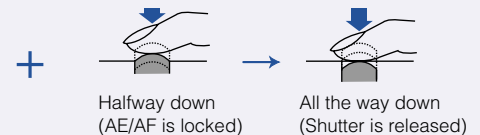
## Metering mode



Spot metering ↔ Center weighted averaging metering ↔ Digital ESP metering

## AE lock

Pressing the AEL button locks the metered exposure value for the subject.



Viewfinder



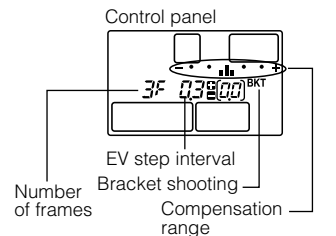
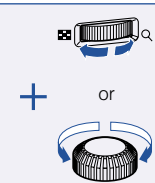
AE lights up (AE is locked)

\* AE lock is not available in M mode.

\* The functions assigned to AF lock and AE lock can be customized. (Refer to 'AEL/AFL mode' on P. 5.)

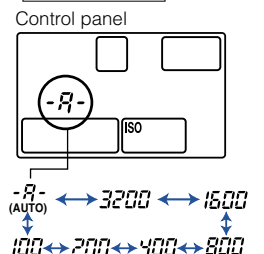
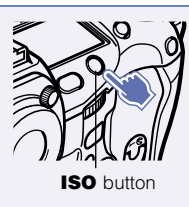
## AE bracketing

EV step interval: 1/3EV, 1/2EV, 1EV  
Number of frames: 3 or 5

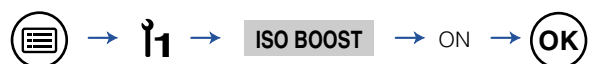


## ISO sensitivity

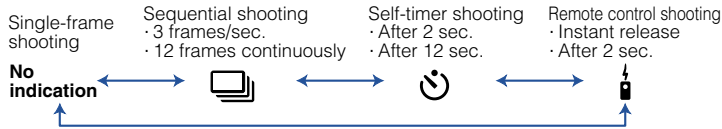
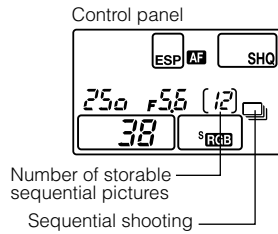
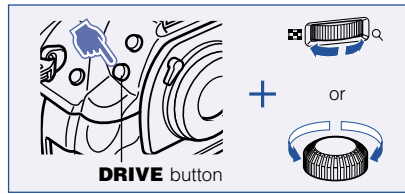
AUTO, 100, 200, 400, 800, 1600, 3200  
ISO BOOST mode



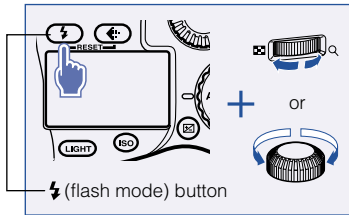
Using the ISO BOOST mode



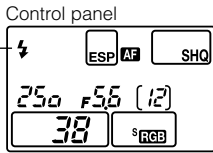
## Drive mode



## Flash mode

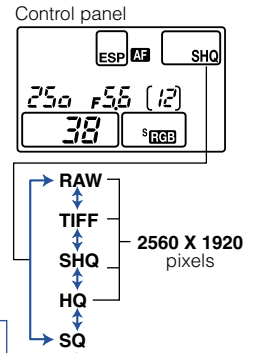
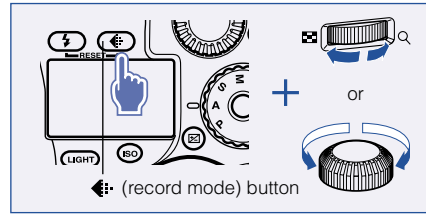


| Exposure mode | Control panel indication | Flash mode                               |
|---------------|--------------------------|--|
| P<br>A        | (no indication)          | Auto-flash                               |
|               | 👁️                       | Auto-flash (Red-eye reduction)           |
|               | 👁️ SLOW                  | Slow synchronization (Red-eye reduction) |
|               | ⚡ SLOW                   | Slow synchronization                     |
|               | ⚡ SLOW 2nd-CURTAIN       | Slow synchronization (2nd curtain)       |
| S<br>M        | ⚡                        | Fill-in flash                            |
|               | ⚡ 👁️                     | Fill-in flash (Red-eye reduction)        |
|               | ⚡                        | Fill-in flash                            |
|               | ⚡ 👁️                     | Fill-in flash (Red-eye reduction)        |
|               | ⚡ 2nd-CURTAIN            | Fill-in flash (2nd curtain)              |



# Image Quality

## Record mode



Selecting the number of pixels in SQ mode

| Record mode | Number of pixels | Compression  | File size (MB) |
|-------------|------------------|--------------|----------------|
| RAW         | 2560 X 1920      | Uncompressed | approx. 10.0   |
| TIFF        | 2560 X 1920      | Uncompressed | approx. 15.0   |
| SHQ         | 2560 X 1920      | 1/2.7        | approx. 3.8    |
| HQ          | 2560 X 1920      | 1/8          | approx. 1.2    |
| SQ          | 1600 X 1200      | 1/2.7        | approx. 1.4    |
|             |                  | 1/8          | approx. 0.5    |
|             | 1280 X 960       | 1/2.7        | approx. 0.9    |
|             |                  | 1/8          | approx. 0.3    |
|             | 1024 X 768       | 1/2.7        | approx. 0.6    |
|             |                  | 1/8          | approx. 0.2    |
| 640 X 480   | 1/2.7            | approx. 0.3  |                |
|             |                  | 1/8          | approx. 0.1    |

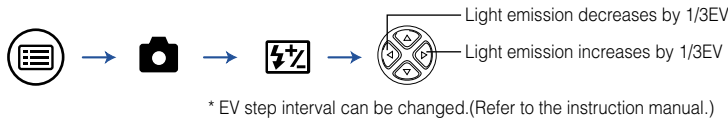
1600 X 1200 pixels  
1280 X 960 pixels  
1024 X 768 pixels  
640 X 480 pixels

Compression rate  
1/8, 1/2.7



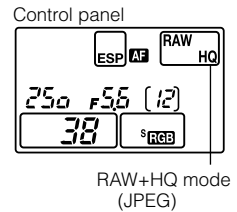
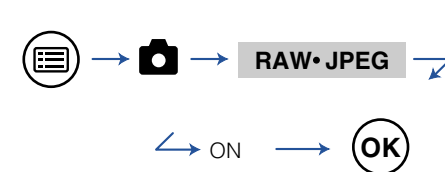
## Flash intensity control

Adjusts the amount of light emitted by the flash.



## RAW record mode

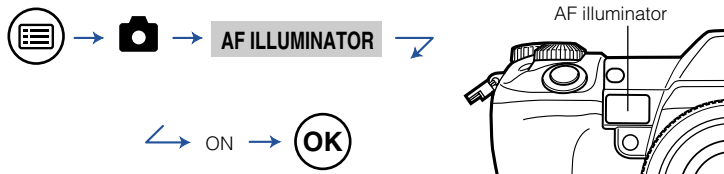
Records the RAW data on a card at the same time as images in the JPEG format.



# Focus

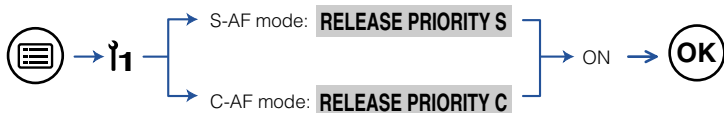
## AF illuminator

Emits AF auxiliary illumination to assist focusing in a dark environment.



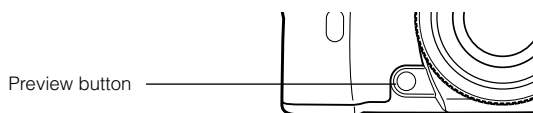
## Release priority

Lets you take advantage of a shutter release opportunity without waiting until focusing and flash charge are finished.



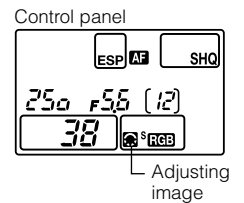
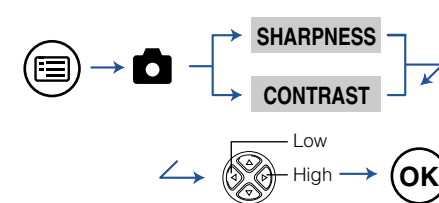
## Preview function

Lets you check the actual depth of field by pressing the preview button.



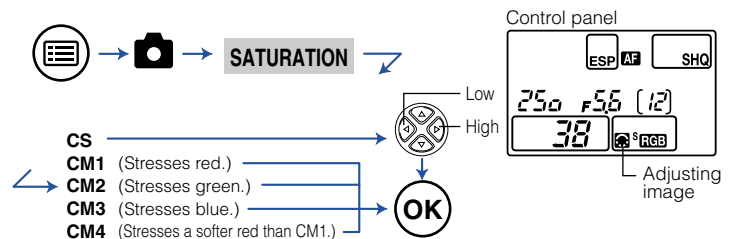
## Sharpness / Contrast

Adjusts the sharpness or contrast of images.



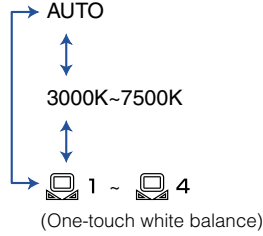
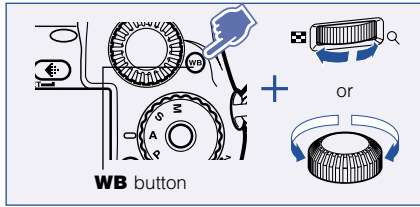
## Saturation

Sets the color depth of images.

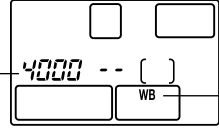


## White balance

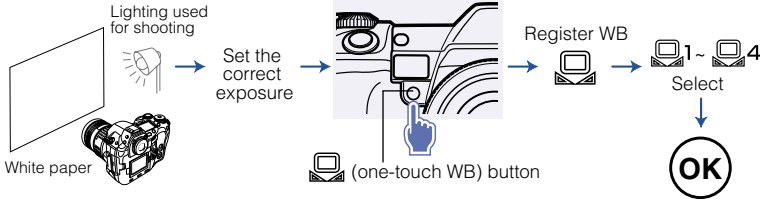
Adjusts the white balance by selecting the appropriate color temperature for the light conditions.



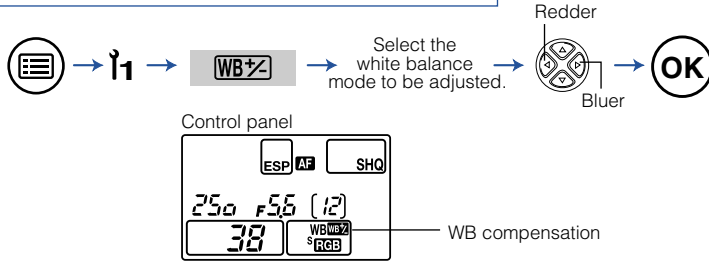
Control panel



### Registering one-touch white balance

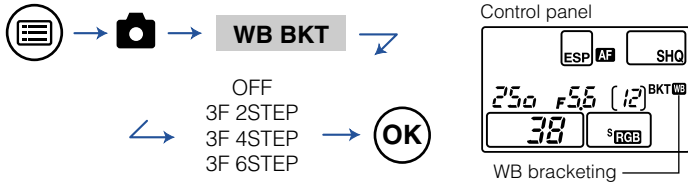


### Making fine adjustments to the white balance



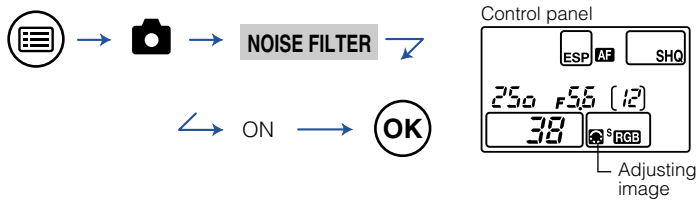
## WB bracketing

Automatically creates three images with different white balances from one shot.



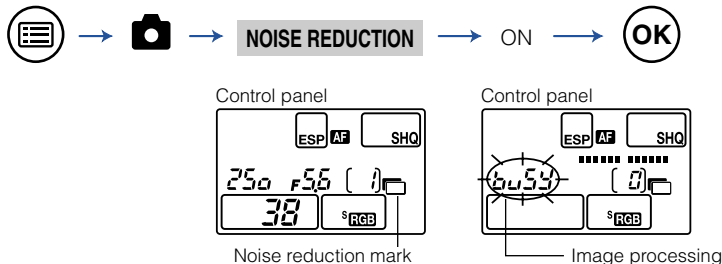
## Noise filter

Reduces random noise that may be noticeable in flat or smooth images such as the sky or a wall.



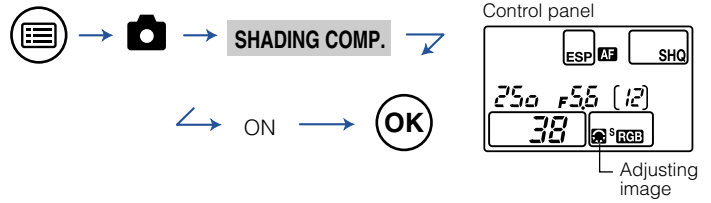
## Noise reduction

Reduces the noise generated during long exposures longer than 2 sec.



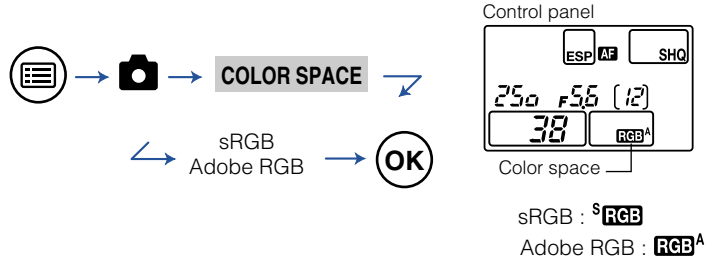
## Shading compensation

Compensates for insufficient light at the edge of images.



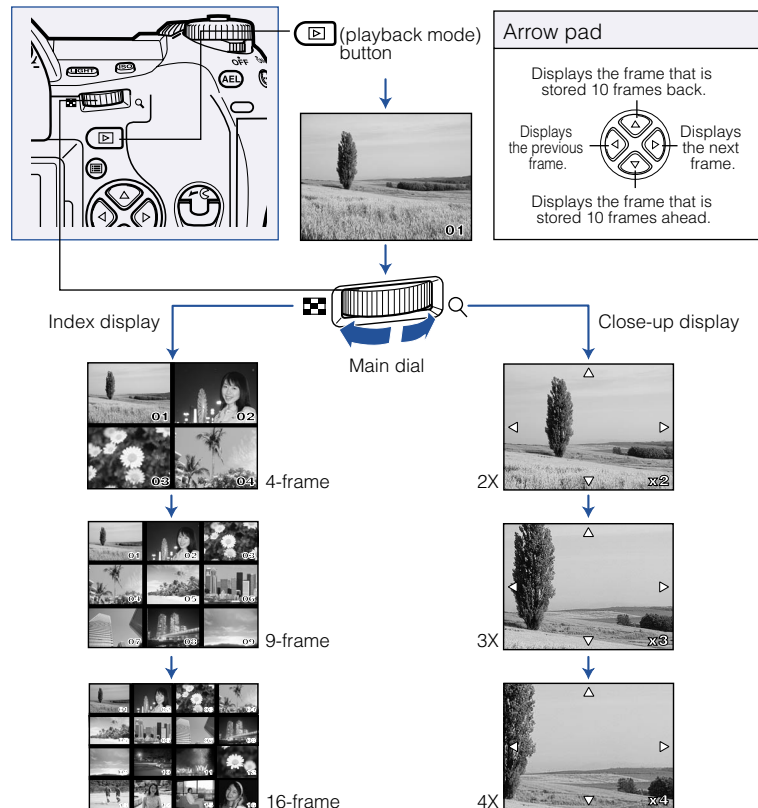
## Color space

Selects the color space of images.

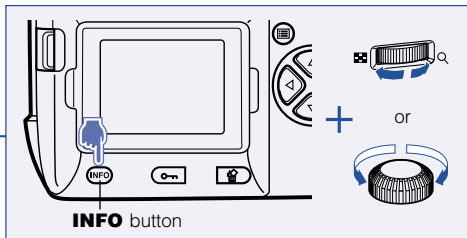


# Playback

## Single-frame playback / Close-up playback / Index display



## Information display



### Single-frame playback information



Picture only



Information 1



Information 2

### Detailed information



Highlight



Histogram



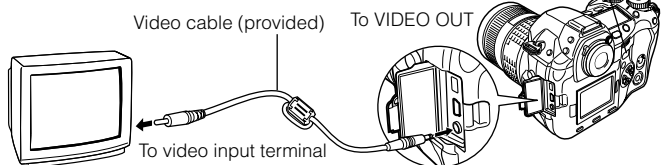
Shooting information

Press **INFO** button once



## TV playback

▶ button

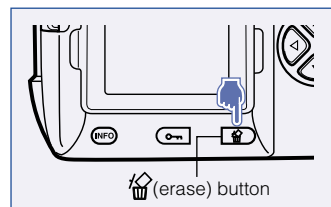
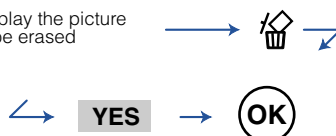


Connect the video cable as illustrated → Switch the TV setting to video input mode → Turn the camera on → ▶

## Erasing pictures

### Single-frame erase:

Display the picture to be erased



### Erasing selected frames:

Index display →

Select the picture to be erased → OK



YES → OK

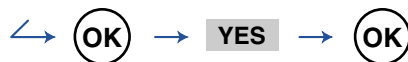
Repeat this procedure

### All-frame erase:



CARD SETUP →

ALL ERASE\*



\* Protected pictures cannot be erased.

If FORMAT is selected, however, all pictures on a card are erased.

## Protecting pictures

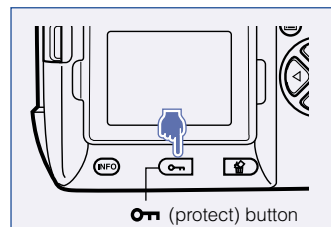
Protects pictures from being accidentally erased.

Display the picture to be protected



### Canceling the protection

Display the protected picture



## Date/time setting



12 →



Y-M-D  
M-D-Y  
D-M-Y

Use the arrow pad for each setting



## AEL/AFL mode

Customizes the functions assigned to AF lock and AE lock. (Refer to the chart below for details.)

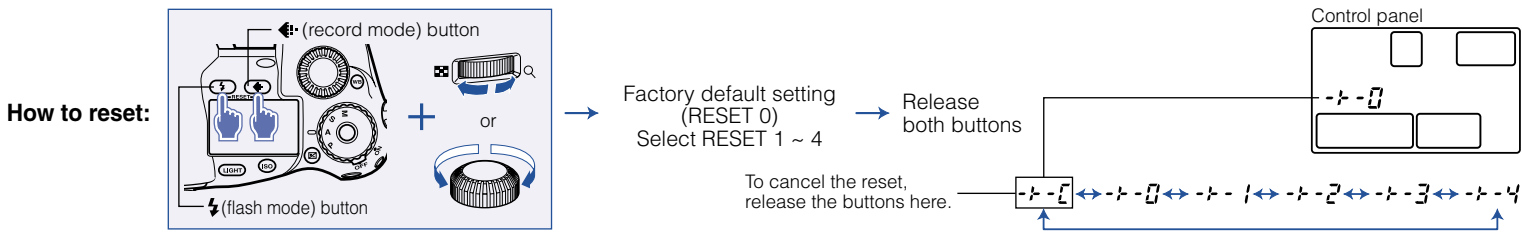


| Focus mode                    | AEL/AFL setting | Shutter button halfway | Shutter button fully pressed | AEL button | AE memo | AF memo | Features of each mode  |
|-------------------------------|-----------------|------------------------|------------------------------|------------|---------|---------|--|
| <b>S (single) AF mode</b>     | 1               | AF/AE                  | –                            | AE         | –       | –       | –  |
|                               | 2               | AF/AE                  | –                            | AE         | ON      | –       | AE lock can be held even after you release the AEL button.   |
|                               | 3               | AF/AE                  | –                            | AF         | –       | ON      | Possible to shoot continuously with the focus locked.  |
|                               | 4               | AF                     | AE                           | AE         | –       | –       | Shoot with the light conditions present prior to shutter release. (Stage shooting, etc.)           |
|                               | 5               | AF                     | AE                           | AE         | ON      | –       | Same as S-AF mode 4 + AE memo by AEL button.   |
| <b>C (continuous) AF mode</b> | 6               | AE                     | AF                           | AE         | ON      | –       | Uses the shutter button to set AE lock while focusing on moving objects.                           |
|                               | 7               | –                      | AF/AE                        | AE         | –       | –       | Shoot with the light conditions present prior to shutter release while focusing on moving objects. |
| <b>MF (manual focus) mode</b> | 1               | AE                     | –                            | AE         | –       | –       | –  |
|                               | 2               | AE                     | –                            | AE         | ON      | –       | AE memo is possible.   |
|                               | 3               | AE                     | –                            | AF         | –       | –       | AF memo is possible by pressing the AEL button.  |
|                               | 4               | –                      | AE                           | AE         | –       | –       | Shoot with the light conditions present prior to shutter release.                                  |
|                               | 5               | –                      | AE                           | AE         | ON      | –       | Same as MF mode 4 + AE memo by AEL button.   |

\* AE memo memorizes the exposure value and AF memo locks the focus.

## Custom reset setting

Allows registering of up to 4 settings for each function to be recalled upon reset.



## Reset Settings Check List (Use this list to check what setting each function is set to for RESET 1 to RESET 4.)

|                              | Functions               | RESET 1                        | RESET 2                        | RESET 3                        | RESET 4                        | Factory Default Settings |
|------------------------------|-------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------|
| Functions by Buttons & Dials | ISO sensitivity         | Auto ·                         | Auto ·                         | Auto ·                         | Auto ·                         | Auto                     |
|                              | Exposure compensation   |                                |                                |                                |                                | ±0                       |
|                              | White balance           | Auto · K                       | Auto · K                       | Auto · K                       | Auto · K                       | Auto                     |
|                              | Record mode             | RAW·TIFF·SHQ·HQ·SQ             | RAW·TIFF·SHQ·HQ·SQ             | RAW·TIFF·SHQ·HQ·SQ             | RAW·TIFF·SHQ·HQ·SQ             | HQ                       |
|                              | Flash mode *1           | Auto·Red-eye·Slow·Fill-in      | Auto·Red-eye·Slow·Fill-in      | Auto·Red-eye·Slow·Fill-in      | Auto·Red-eye·Slow·Fill-in      | Auto/Fill-in             |
|                              | Auto bracketing         | Off · F/                       | Off · F/                       | Off · F/                       | Off · F/                       | Off                      |
|                              | Metering mode           | ESP·Center weighted·Spot       | ESP·Center weighted·Spot       | ESP·Center weighted·Spot       | ESP·Center weighted·Spot       | ESP                      |
|                              | Drive mode              | Single-frame · [ ] · [ ] · [ ] | Single-frame · [ ] · [ ] · [ ] | Single-frame · [ ] · [ ] · [ ] | Single-frame · [ ] · [ ] · [ ] | Single-frame             |
|                              | AF frame selection      | [...] [·] [·] [·] [·]          | [...] [·] [·] [·] [·]          | [...] [·] [·] [·] [·]          | [...] [·] [·] [·] [·]          | [...]                    |
|                              | Shutter speed *1        | Sec.                           | Sec.                           | Sec.                           | Sec.                           | 1/60 Sec.                |
| Functions by Menu            | Aperture value *2       | F                              | F                              | F                              | F                              | F2.8                     |
|                              | Flash intensity control |                                |                                |                                |                                | ±0                       |
|                              | Saturation              | CS · CM                        | CS · CM                        | CS · CM                        | CS · CM                        | CS2                      |
|                              | Contrast                |                                |                                |                                |                                | ±0                       |
|                              | Sharpness               |                                |                                |                                |                                | ±0                       |
|                              | Color space             | sRGB · Adobe RGB               | sRGB · Adobe RGB               | sRGB · Adobe RGB               | sRGB · Adobe RGB               | sRGB                     |
|                              | WB bracketing           | Off · STEP                     | Off · STEP                     | Off · STEP                     | Off · STEP                     | Off                      |
|                              | RAW record mode         | On · Off                       | On · Off                       | On · Off                       | On · Off                       | Off                      |
|                              | Noise filter            | On · Off                       | On · Off                       | On · Off                       | On · Off                       | Off                      |
|                              | Noise reduction         | On · Off                       | On · Off                       | On · Off                       | On · Off                       | Off                      |
|                              | Shading compensation    | On · Off                       | On · Off                       | On · Off                       | On · Off                       | Off                      |
|                              | AF illuminator          | On · Off                       | On · Off                       | On · Off                       | On · Off                       | On                       |
|                              | Anti-shock              | On · Off                       | On · Off                       | On · Off                       | On · Off                       | Off                      |
|                              | EV step                 | 1/3 · 1/2 · 1                  | 1/3 · 1/2 · 1                  | 1/3 · 1/2 · 1                  | 1/3 · 1/2 · 1                  | 1/3EV                    |
|                              | ISO boost               | On · Off                       | On · Off                       | On · Off                       | On · Off                       | Off                      |
| WB compensation              | / Step                  | / Step                         | / Step                         | / Step                         | / Step                         | ±0                       |
|                              | / Step                  | / Step                         | / Step                         | / Step                         | / Step                         |                          |
|                              | / Step                  | / Step                         | / Step                         | / Step                         | / Step                         |                          |
|                              | / Step                  | / Step                         | / Step                         | / Step                         | / Step                         |                          |
|                              | / Step                  | / Step                         | / Step                         | / Step                         | / Step                         |                          |

\*1 The factory default varies depending on the exposure mode. \*2 The factory default varies depending on the exposure mode and the lens attached to the camera.