Exposure

**Exposure compensation**
- Adjustable range: ±5.0EV
- EV step interval: 1/3EV, 1/2EV, 1EV

**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.

**EV STEP**

**Main dial**
- Changes the functions or settings.

**Sub dial**
- Changes the functions or settings.

**Finger mark**
- Do other operations while holding the button.

**Menu button**
- Displays the menu.

**Arrow pad**
- Use the arrow pad to select the settings on the menu displayed on the monitor.

**OK button**
- Confirms the settings.

**AE bracketing**
- **Number of frames:** 3 or 5
- **EV step interval:** 1/3EV, 1/2EV, 1EV

**AE lock**
- Pressing the AEL button locks the metered exposure value for the subject.

**ISO sensitivity**
- **AUTO, 100, 200, 400, 800, 1600, 3200**

**How to Use This Guide**
- Use the arrow pad to select the settings on the menu displayed on the monitor.

**Exposure compensation**
- Adjusting toward – Exposure compensation value
- Exposure compensation indicator

**Metering mode**
- Spot metering
- Center weighted averaging metering
- Digital ESP metering

---

**How to Use This Guide**
- e.g. Button & Dial operation (Exposure compensation)
  - Main dial: Changes the functions or settings.
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  - Finger mark: Do other operations while holding the button.

- e.g. Menu operation (EV step)
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**How to Use This Guide**
- Use the arrow pad to select the settings on the menu displayed on the monitor.
**Image Quality**

**Record mode**

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

**Flash mode**

Adjusts the amount of light emitted by the flash.

- **Flash intensity control**: Light emission decreases by 1/3EV; Light emission increases by 1/3EV
- *EV step interval can be changed. (Refer to the instruction manual.)

**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**
  - Adjusts the white balance by selecting the appropriate color temperature for the light conditions.
  - **AUTO**
  - **3000K~7500K**
  - **1~4**
    - (One-touch white balance)

**Shading compensation**
Compensates for insufficient light at the edge of images.

- **Control panel**
  - Adjusts the frame that is stored 10 frames back.
  - Adjusts the frame that is stored 10 frames ahead.
  - Displays the next frame.
  - Displays the previous frame.

**Color space**
Selects the color space of images.

- **Control panel**
  - Adjusts the next frame.
  - Adjusts the previous frame.

**Playback**

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

- **Main dial**
  - Adjusts the image size.
  - **4-frame**
  - **9-frame**
  - **16-frame**

- **Control panel**
  - Adjusts the image size.
  - **2X**
  - **3X**
  - **4X**

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

- **Control panel**
  - OFF
  - 3F 2STEP
  - 3F 4STEP
  - 3F 6STEP

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

- **Control panel**
  - Adjusts the noise filter.

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

- **Control panel**
  - Adjusts the noise reduction mark.
Information display

Single-frame playback information

- Picture only
- Information 1
- Information 2

Press INFO button once

Detailed information

- Highlight
- Histogram
- Shooting information

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

All-frame erase:
Repeat this procedure

Protecting pictures

Protects pictures from being accidentally erased.

Display the picture to be protected

Canceling the protection

Date/time setting

Use the arrow pad for each setting

TV playback

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

INFO button

CARD SETUP → ALL ERASE

*Protected pictures cannot be erased. If FORMAT is selected, however, all pictures on a card are erased.
**AEL/AFL mode**

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

**Focus mode**

<table>
<thead>
<tr>
<th>AF mode</th>
<th>AE memo</th>
<th>Features of each mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>S (single) AF mode</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>AFIAE</td>
<td>AE lock can be held even after you release the AEL button.</td>
</tr>
<tr>
<td>2</td>
<td>AFIAE</td>
<td>Possible to shoot continuously with the focus locked.</td>
</tr>
<tr>
<td>3</td>
<td>AF</td>
<td>AE memo is possible.</td>
</tr>
<tr>
<td>4</td>
<td>AF</td>
<td>AE memo is possible by pressing the AEL button.</td>
</tr>
<tr>
<td>5</td>
<td>AF</td>
<td>AE memo is possible prior to shutter release while focusing on moving objects.</td>
</tr>
</tbody>
</table>

**C (continuous) AF mode**

<table>
<thead>
<tr>
<th>AF mode</th>
<th>AE memo</th>
<th>Features of each mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>AE</td>
<td>Uses the shutter button to set AE lock while focusing on moving objects.</td>
</tr>
<tr>
<td>7</td>
<td>AF</td>
<td>Same as S AF mode 4 + AE memo by AEL button.</td>
</tr>
</tbody>
</table>

**MF (manual focus) mode**

<table>
<thead>
<tr>
<th>AF mode</th>
<th>AE memo</th>
<th>Features of each mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AE</td>
<td>Same as MF mode 4 + AE memo by AEL button.</td>
</tr>
<tr>
<td>2</td>
<td>AE</td>
<td>Same as MF mode 4 + AE memo by AEL button.</td>
</tr>
<tr>
<td>3</td>
<td>AE</td>
<td>Same as MF mode 4 + AE memo by AEL button.</td>
</tr>
<tr>
<td>4</td>
<td>AE</td>
<td>Same as MF mode 4 + AE memo by AEL button.</td>
</tr>
</tbody>
</table>

* 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.

**How to register:**

1. Press the shutter button halfway to switch to the AEL/AFL screen.
2. Press the AEL button to set the RESET button to your desired function.
3. Press the CUSTOM RESET button to store the setting.

**How to reset:**

1. Press the AEL button to release the AEL button.
2. Press the CUSTOM RESET button to store the setting.

**Reset Settings Check List**

(Use this list to check what setting each function is set to for RESET 1 to RESET 4.)

<table>
<thead>
<tr>
<th>Functions</th>
<th>RESET 1</th>
<th>RESET 2</th>
<th>RESET 3</th>
<th>RESET 4</th>
<th>Factory Default Settings</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO sensitivity</td>
<td>Auto</td>
<td>Auto</td>
<td>Auto</td>
<td>Auto</td>
<td>Auto</td>
</tr>
<tr>
<td>Exposure compensation</td>
<td>±</td>
<td>±</td>
<td>±</td>
<td>±</td>
<td>±</td>
</tr>
<tr>
<td>White balance</td>
<td>Auto K</td>
<td>Auto K</td>
<td>Auto K</td>
<td>Auto K</td>
<td>Auto K</td>
</tr>
<tr>
<td>Record mode</td>
<td>RAW Tiff HQ SQ</td>
<td>RAW Tiff HQ SQ</td>
<td>RAW Tiff HQ SQ</td>
<td>RAW Tiff HQ SQ</td>
<td>HQ</td>
</tr>
<tr>
<td>Auto bracketing</td>
<td>Off</td>
<td>Off</td>
<td>Off</td>
<td>Off</td>
<td>Off</td>
</tr>
<tr>
<td>AF frame selection</td>
<td>[ ] [ ] [ ] [ ]</td>
<td>[ ] [ ] [ ] [ ]</td>
<td>[ ] [ ] [ ] [ ]</td>
<td>[ ] [ ] [ ] [ ]</td>
<td>[ ] [ ] [ ] [ ]</td>
</tr>
<tr>
<td>Shutter speed</td>
<td>Sec.</td>
<td>Sec.</td>
<td>Sec.</td>
<td>Sec.</td>
<td>1/60 Sec.</td>
</tr>
<tr>
<td>Aperture value</td>
<td>F</td>
<td>F</td>
<td>F</td>
<td>F</td>
<td>F2.8</td>
</tr>
<tr>
<td>Flash intensity control</td>
<td>±</td>
<td>±</td>
<td>±</td>
<td>±</td>
<td>±</td>
</tr>
<tr>
<td>Saturation</td>
<td>CS</td>
<td>CM</td>
<td>CS</td>
<td>CM</td>
<td>CS2</td>
</tr>
<tr>
<td>Contrast</td>
<td>±</td>
<td>±</td>
<td>±</td>
<td>±</td>
<td>±</td>
</tr>
<tr>
<td>Color space</td>
<td>Adobe RGB</td>
<td>Adobe RGB</td>
<td>Adobe RGB</td>
<td>Adobe RGB</td>
<td>Adobe RGB</td>
</tr>
<tr>
<td>WB bracketing</td>
<td>Off</td>
<td>STEP</td>
<td>Off</td>
<td>STEP</td>
<td>Off</td>
</tr>
<tr>
<td>RAW record mode</td>
<td>On</td>
<td>Off</td>
<td>On</td>
<td>Off</td>
<td>On</td>
</tr>
<tr>
<td>Noise filter</td>
<td>On</td>
<td>Off</td>
<td>On</td>
<td>Off</td>
<td>On</td>
</tr>
<tr>
<td>Noise reduction</td>
<td>On</td>
<td>Off</td>
<td>On</td>
<td>Off</td>
<td>On</td>
</tr>
<tr>
<td>Shading compensation</td>
<td>On</td>
<td>Off</td>
<td>On</td>
<td>Off</td>
<td>On</td>
</tr>
<tr>
<td>AF illuminator</td>
<td>On</td>
<td>Off</td>
<td>On</td>
<td>Off</td>
<td>On</td>
</tr>
<tr>
<td>Anti-shock</td>
<td>Off</td>
<td>On</td>
<td>Off</td>
<td>On</td>
<td>Off</td>
</tr>
<tr>
<td>EV step</td>
<td>1/2 Sec.</td>
<td>1/3 1/2 1</td>
<td>1/3 1/2 1</td>
<td>1/3 1/2 1</td>
<td>1/3 1/2 1</td>
</tr>
<tr>
<td>ISO boost</td>
<td>Off</td>
<td>Off</td>
<td>Off</td>
<td>Off</td>
<td>Off</td>
</tr>
<tr>
<td>WB compensation</td>
<td>/</td>
<td>Step</td>
<td>/</td>
<td>Step</td>
<td>/</td>
</tr>
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*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.