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DSLR-A900/DSLR-A850

The new functions provided by this upgrade and their respective operations are described here.

Please refer to the "Instruction Manual" supplied with the camera.

Additional functions provided by this upgrade

You can add the following functions and improve the performance of the AF function. Some items in the Custom menu will be modified if you upgrade the camera. For details, see "Custom menu" (page 5).

A [Release w/oLens] item has been added
You can release the shutter even when no lens is mounted on the camera.

The range of the exposure compensation has been expanded
The range of the exposure compensation is expanded to ±5 EV (Before the update: ±3 EV).

An additional setting of the exposure step for the bracket shooting has been added
The following setting has been added to the continuous bracket and single bracket shooting functions: The exposure has been shifted by 3.0 EV and the camera shoots three images (Before the update: Up to 2.0 EV). [3.0EV3] is indicated when this is selected.

The AF function has been improved
The speed and performance of autofocus have been improved. A noticeable result will be acquired when some telescope lenses are used. However, this depends on the lens mounted on the camera or the condition under which the subject shot.

Release w/oLens

If you upgrade the camera, [Release w/oLens] is added in the Custom menu (page 5). You can set whether to release the shutter or not when no lens is mounted on the camera. When you attach the camera to an astronomical telescope, for example, select [Enable] so the shutter can be released.

Enable	The shutter can be released even when no lens is mounted on the camera.
Disable	The shutter cannot be released when no lens is mounted on the camera.

Notes
- Correct metering cannot be achieved when you use lenses that do not provide a lens contact, such as the lens of an astronomical telescope. In such cases, adjust the exposure manually by checking it on the recorded image.
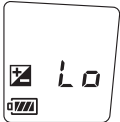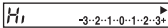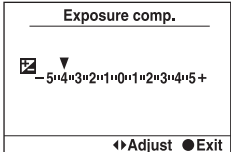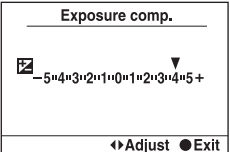- When the exposure mode is set to "M," the shutter release is controled by the setting of this item.

Expanding the range of exposure compensation

If you upgrade the camera, you can adjust the exposure between –5.0 EV and +5.0 EV. For details on exposure compensation, refer to "Compensating the exposure" in the "Instruction Manual."

The indication on the displays when you are adjusting the exposure

While you are setting the exposure to over +3.0 EV or under –3.0 EV, the indication on the display panel, viewfinder, or LCD monitor is as follows:
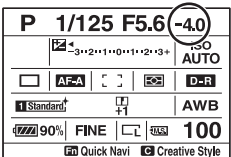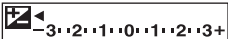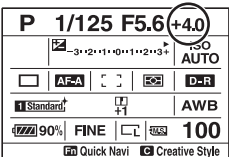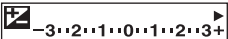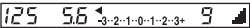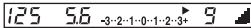
Example

	While the compensation value is being adjusted between –3.3 EV and –5.0 EV	While the compensation value is being adjusted between +3.3 EV and +5.0 EV
Display panel	The compensation value is indicated as [Lo].	The compensation value is indicated as [Hi].
Viewfinder	The compensation value is indicated as [Lo], and the ◀ arrow is indicated on the EV scale.	The compensation value is indicated as [Hi], and the ▶ arrow is indicated on the EV scale.
LCD monitor	The compensation value is indicated during exposure compensation.	The compensation value is indicated during exposure compensation.

The indication on the EV scale

If you set the exposure to over +3.0 EV or under –3.0 EV, the indication on the LCD monitor (recording information display) or viewfinder is as follows:

Example

	When the compensation value is between –3.3 EV and –5.0 EV	When the compensation value is between +3.3 EV and +5.0 EV
LCD monitor	The exposure value is indicated. The ◀ arrow appears or flashes.	The exposure value is indicated. The ▶ arrow appears or flashes.
Viewfinder	The ◀ arrow appears or flashes.	The ▶ arrow appears or flashes.

Display of a modified image when the intelligent preview is working

If you set the exposure to over +3.0 EV or under –3.0 EV after an image is displayed on the LCD screen in intelligent preview, you cannot check the effect on a modified image.

Adding a bracket step to the bracket shooting function

If you upgrade the camera, a setting is added to the continuous bracket and single bracket shooting functions: The exposure is shifted by 3.0 EV and the camera shoots three images. [3.0EV3] is indicated when this is selected. For details on bracket shooting, refer to "Shooting with Exposure bracket" in the "Instruction Manual."

The supplied "Remote Camera Control" software

You cannot set [3.0EV3] from "Remote Camera Control," however, you can set it from the camera. In this case, "Drive mode" is indicated as "As per camera" on "Remote Camera Control."

Custom menu

If you upgrade the camera, the order of some items will be changed as described below (Items listed in boldface). [Release w/oLens] can be set in the Custom menu ✿ 2 and [Rec.info.disp] is moved to the Custom menu ✿ 3.

	Before the update
✿ 1	AF/MF button AF/MF control AF drive speed AF area disp. FocusHoldButton Auto review Preview Function
✿ 2	AEL button Ctrl dial setup Dial exp.comp Ctrl dial lock Button ops. Release w/oCard Rec.info.disp.
✿ 3	Exp.comp.set Bracket order Custom reset

	After the update
✿ 1	AF/MF button AF/MF control AF drive speed AF area disp. FocusHoldButton Auto review Preview Function
✿ 2	AEL button Ctrl dial setup Dial exp.comp Ctrl dial lock Button ops. Release w/oCard **Release w/oLens**
✿ 3	**Rec.info.disp.** Exp.comp.set Bracket order Custom reset