

Dear Customer

◆ About the Upgrade of the DMC-GX80/DMC-GX85 Firmware

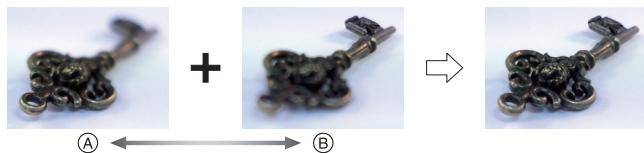
The following functions were added or changed from Ver. 1.1 of the firmware.

Please read this in conjunction with the owner's manual for the camera.

- The firmware version can be checked from the [Version Disp.] of the [Setup] menu.

The Focus Stacking function can now be used when playing back images recorded with the Post Focus function.

Merge multiple pictures extracted from images recorded with the Post Focus function into a single picture with a wider focus range.



Ⓐ Focus: closer

Ⓑ Focus: farther away

1 Select an image with the icon on the playback screen, and press **▲**.

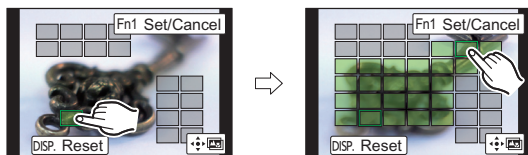


2 Touch (Fn3).

3 Touch the merging method.

[Auto Merging]	Automatically selects pictures that are suited to be merged, and merges them into a single picture. • Priority will be given to pictures with closer focus. • Pictures will be merged into a single picture and the resulting picture will be saved when this item is selected.
[Range Merging]	Merges pictures with specified focus areas into a single picture.

4 (When [Range Merging] is selected) Touch the desired focus area.



- Specify at least two areas.
- In-focus areas between the two areas will also be selected, and the combined in-focus area will be indicated.
- Grey areas indicate areas that may, if selected, cause the merged picture to look unnatural and areas that cannot be selected.

- Touch the focus area again to cancel the selection.
- Dragging the screen allows you to select multiple areas.

Button operation	Touch operation	Description of operation
▲/▼/◀/▶	Touching	Selects an area.
[Fn1]	[Set/Cancel]	Specifies/cancels an area.
[DISP.]	[All]	Selects all areas. (Before selecting areas)
	[Reset]	Cancels all selections. (After selecting areas)
[MENU/SET]		Merges pictures and saves the resulting picture.

5 Touch to merge the pictures and save the resulting picture.

- The picture will be saved in JPEG format. Recording information (Exif information) of the original picture with the closest focus distance, including the shutter speed, aperture, and ISO sensitivity, will also be recorded to the new picture.
- The camera may automatically correct the misalignments of pictures caused by camera shake. If they are corrected, the angle of view becomes slightly narrower when pictures are merged.
- An unnatural picture may be created if a subject moves during recording, the distance between subjects is great, or very defocused pictures are merged.
- This function is not available for images recorded with firmware version 1.0.

[Sequence] can now be selected for Focus Bracket recording.

[Sequence] has been added to [More settings] for Focus Bracket recording. In addition, values between [+1] and [+10] can now be set for [Step] in [More settings].

1 Select the menu.

MENU → [Rec] → [Bracket] → [Bracket Type] → [FOCUS] (Focus Bracket)

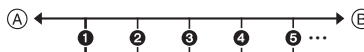
2 Press **▲/▼** to select [More settings] and then press [MENU/SET].

[Sequence]	[0/-/+]: Alternately moves the focus position closer and farther away within the range centred on the initial position as you take pictures. [0/+]: Moves the focus position farther away from the initial position as you take pictures.
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[Sequence]: [0/-/+]



[Sequence]: [0/+]



Ⓐ Focus: closer

Ⓑ Focus: farther away

① first picture, ② second picture... ⑤ fifth picture...

[Flash Mode] can now be set to ([Forced Flash Off]) for the built-in flash.