



LEICA D-LUX 5 Firmware Update

Dear Customer


About the Upgrade of the D-LUX5 Firmware

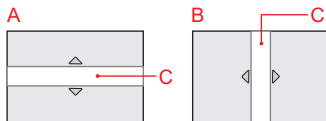
The following functions were added or changed from Ver. 1.0 of the firmware. Please read this leaflet in conjunction with the instructions for the camera.

- The firmware version can be checked with the [VERSION DISP.] item of the [SETUP] menu.

[MINIATURE EFFECT] has been added to My Colour Mode.



1. Set the mode dial to [C].
2. Press ▲/▼ to select [MINIATURE EFFECT] and then [MENU/SET].
 - Press ► with [MINIATURE EFFECT] selected to go to the intensity adjustment screen.
Adjust using ◀/▶ and press [MENU/SET] to set.
3. Press ▼ to display the setting screen.
 - The highlighted area on the live image will not show the effect.
4. Adjust the position and size of the frame and then press [MENU/SET] to set.

	A When the frame is horizontal	B When the frame is vertical
▲/▼	Move (up and down)	Switch to A
◀/▶	Switch to B	Move (left and right)
	Enlarge and reduce • You can switch between three levels.	
• If you press [DISPLAY], the adjusted frame will return to the original values.		



C Non-blurrable range

Note:







- The Display of the recording screen will be delayed more than usual and the screen will look as if frames are being dropped.
- The flash setting is fixed to .
- [SENSITIVITY] is fixed to [AUTO].
- [WHITE BALANCE] is fixed to [AWB].
- [AF MODE] is fixed to .
- [ISO LIMIT SET], [ISO INCREMENTS], [FACE RECOG.], [I.EXPOSURE], [BURST], [DIGITAL ZOOM], [FLASH ADJUST.], [AUTO BRACKET], [ASPECT BRACKET] and [WIND CUT] are disabled.
- No sound is recorded with motion pictures.
- Approximately $1/10$ of the time period is recorded. (If you record for 10 minutes, the resulting motion picture recording will be approximately 1 minute long.)
The displayed available recording time is approximately 10 times. When switching the Recording Mode, please check the available recording time. ([AVCHD Lite] motion pictures are recorded in approx. $1/10$ [NTSC] / $1/8$ [PAL] time.)
- If you end motion picture recording after a short time, the camera may go on recording for a certain period. Please continue to hold the camera still until the recording finishes.
- When taking pictures with high resolution, the screen may turn black after taking the picture because of signal processing. This is not a malfunction.

The shutter LIMIT in Manual Exposure Mode  has been extended. (Max 250 seconds approximately)

Shutter speeds of 80 s., 100 s., 125 s., 160 s., 200 s. and 250 s. have been added to the shutter speeds of Manual Exposure Mode to allow longer exposures. Use this when you want to keep the shutter open for a long time to take pictures of a starry sky, a night scene etc. Press the motion picture button to stop taking the picture.

[MONITOR]/[VIEWFINDER] has been added to the [SETUP] menu.

This allows brightness, color, or red or blue tint of the monitor/an external viewfinder (Leica EVF1, optional) to be adjusted.

 [MONITOR]/[VIEWFINDER]	<ol style="list-style-type: none"> 1. Select [MONITOR] or [VIEWFINDER] from the [SETUP] menu, and then press . • This will adjust the monitor when it is in use, and the viewfinder when it is in use. 2. Select the settings by pressing /, and adjust with /. 3. Press [MENU/SET] to set.
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- Some subjects may appear differently from actuality on the LCD monitor/the external viewfinder. However, this does not affect the recorded pictures.
- [MONITOR]/[VIEWFINDER] is reflected to other Recording Modes without being registered in the custom set.

[HIGH ISO NR] has been added to the [REC] menu.

This mode allows noise reduction processing when recording at high ISO sensitivities of [ISO1600] to [ISO3200].

Applicable modes: **PASM C1 C2 SCN B** [OFF]/[ON]

Note:

- Noise reduction processing takes time. If you intend to record a series of images, we recommend that you set this to [OFF].
- The effects of noise reduction processing may not be possible depending on the recording conditions.
- [HIGH ISO NR] is not available when [RESOLUTION] is set to [0.3M] or less.
- [HIGH ISO NR] cannot be set in Snapshot mode, My Color Mode and Scene Mode because the camera automatically adjusts it to the optimal setting. Note that you can use this setting when My Color Mode is set to [CUSTOM].


- The setting is fixed to [OFF] in the following cases.
 - When recording motion pictures/[BURST]/[AUTO BRACKET]/[ASPECT BRACKET]/White Balance Bracket/[MULTI FILM]

[ACTIVE MODE] has been added to the [MOTION PICTURE] menu.


In addition to the optical image stabilizer, the electronic image stabilizer is used, further decreasing the effects of camera shake on the image when recording motion pictures while walking, etc.

Applicable modes: **PASM C1 C2 SCN B** [OFF]/[ON]

Note:

-  is displayed on the screen when it is set to [ON].
- While recording motion pictures, the angle of view narrows.
- A stronger effect of the correction can be achieved at the wide end.
- Image stabilizer may not be as effective when recording in rooms or dark places.
- The setting is fixed to [ON] in Snapshot mode.
- The setting is fixed to [OFF] in the following cases.
 - In [PIN HOLE] or [FILM GRAIN] in My Colour Mode
 - When [REC MODE] is set to [VGA] or [QVGA] in [MOTION JPEG]
 - When [STABILIZER] is set to [OFF]

The position and size of the AF area you have set are now stored.

The AF area settings you make by changing the position and size of the AF area with  in [AF MODE] are now stored.




The AF/AE Lock Operation by half-pressing the shutter release button has been improved.

By holding the shutter release buttons in the half-pressed state, you can continue to record with the focus and exposure locked.

1. Half-press the shutter release button to focus on the subject and set the exposure. (AF/AE Lock)
2. Fully press the shutter release button to take the picture.
3. Return the shutter release button to the half-pressed state to maintain the AF/AE Lock.
 - Repeat steps 2 and 3.

When [MF] is set, you can make fine adjustments to the focus using a simpler operation than before.

After focusing using one shot AF, the MF Assist screen is now displayed automatically.

1. Set the focus selector switch to [MF].
2. Press  (FOCUS).
 - After performing the one shot AF operation, the MF Assist screen is displayed automatically.
3. Press / to finely adjust the focus.
 - You can also make fine adjustments by rotating the rear dial.

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<http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/CODES/mt19937ar.c>



my point of view

Leica Camera AG / Oskar-Barnack-Straße 11 / D-35606 SOLMS / DEUTSCHLAND
Telefon +49 (0) 6442-208-0 / Telefax +49 (0) 6442-208-333 / www.leica-camera.com