



LEICA SL3

LEICA SL3-S

FIRMWARE UPDATE 3.1.1

NEW

- The requirements of Lot6/Lot26, Regulation (EU) 2023/826 on ecodesign are supported.
- New video formats for **C4K** and **C6K**.

IMPROVEMENT

- Access to the function **Headphone Volume** is now additionally available via the menu **Audio** in the Video section, and via the FN button.
- The function **Magnification** can now be activated and deactivated by pressing the joystick.
- When making changes to the icon assignments in the Control Center, the function assignment list will open with the currently assigned option presented in the list as the starting position.
- The former menus **Film Style** and **Video Style** (accessible via **JPG Settings**) were integrated into the **Leica Looks** menu, and their menu items will now be accessible via the Main Menu.
- The firmware update process was optimized. Following a firmware update, all previous settings will remain unchanged, and the dialogue "Do you want to save profiles on SD card?" will no longer be displayed. A battery charge level of around 25% will now suffice for starting the update process.



- Electronic shutter speed $1/16000$ s will now be available for P/A mode.
- The function **AF-ON** can now be combined with the functions **Eye/Face/Body Detection** and **Animal Detection**.

ERROR CORRECTION

- An icon with an asterisk  will be displayed alongside the **User Profiles** icon in the Control Center and the sidebar if settings were modified after profile activation.
- In case of a joystick assignment, the function **AF-ON** will now be saved to the user profile.

FIRMWARE UPDATES

Leica is continuously working on the further improvement and optimization of your camera. Since many camera functions are entirely controlled by software, some of these improvements and additions to the functional scope can be installed in retrospect. Leica offers firmware updates at irregular intervals, which you can download from our website.

Leica will notify you of any new updates, once you have registered your camera. Users of Leica FOTOS will also be automatically notified about firmware updates for their Leica cameras.

There are two options for installing firmware updates.

- conveniently via the Leica FOTOS app
- directly via the camera menu

Finding the currently installed firmware version

- Select **Camera Information** in the main menu
 - The current firmware versions are displayed.



More information about registering, firmware updates and how to download them to your camera, as well as any amendments and additions to this manual can be found in the customer area of our website at:

<https://club.leica-camera.com>

EXECUTING A FIRMWARE UPDATE

Any interruption of a running firmware update may cause serious and irreparable damage to your equipment!

You will therefore have to take particular note of the following, when carrying out a firmware update:

- Do not switch off the camera!
- Do not remove the memory card!
- Do not remove the rechargeable battery!
- Do not detach the lens!

Notes

- A warning message will appear if the battery is insufficiently charged. Recharge the battery and then repeat the process described above.
- You will find additional device and country-specific registration marks and numbers in the **Camera Information** submenu.

PREPARATION

- Fully charge and insert the rechargeable battery
- Any stored firmware files on the memory card must be removed
 - We recommend saving any images on the memory card and reformatting it before the update.
(Caution: Loss of data! All data stored on the memory card will be lost during formatting.)
- Download the latest firmware version
- Save the download to the memory card
 - The firmware file must be stored in the main directory of the memory card (not in a sub-directory).
- Insert the memory card into the camera
- Switch the camera on

ABOUT LEICA FOTOS APP

Leica FOTOS will notify you when firmware updates are available for your Leica cameras.

→ Follow the instructions provided by the Leica FOTOS app

Notes

- Leica FOTOS Version 4.8.0 or higher is required for the camera firmware update function.
- A warning message will appear if the battery is insufficiently charged. Recharge the battery and then repeat the process described above.

ABOUT THE CAMERA MENU

→ Preparation

→ Select **Camera Information** in the main menu

→ Select **Camera Firmware Version**

→ Select **Start Update**

- A prompt with information about the camera is displayed.

→ Check the version information

→ Select **Yes**

→ Select **Yes/No**

- The update will start automatically.
- The lower status LED will flash during this process.
- Once the process has completed successfully, a relevant on-screen message and prompt to restart the device will appear on screen.

→ Switch the camera off and on again

UPDATING THE LENS FIRMWARE

Where available, firmware updates can be performed for Leica SL lenses and for all other lens types by L-Mount Alliance.

Firmware updates for Leica SL lenses are generally uploaded alongside the latest version of the camera firmware and will not have to be implemented manually. Provided an SL lens is attached during the camera update, it will automatically receive the latest firmware version. Where that is not the case, a relevant prompt will appear when a lens is attached to a camera with updated firmware for the first time.

The instructions provided for camera firmware updates apply.

- Preparation
- Select **Camera Information** in the main menu
- Select **Lens Firmware Version**
- Select **Start Update**
 - A prompt with information about the camera is displayed.
- Check the version information
- Select **Yes**
 - The update will start automatically.
 - The lower status LED will flash during this process.
 - Once the process has completed successfully, a relevant on-screen message and prompt to restart the device will appear on screen.
- Switch the camera off and on again

ADDED VIDEO FORMATS

File Format	Resolution	Frame rate	Bit rate	YUV/bit	Codec	Audio		35 mm	APS-C
						Codec	Sampling		
MOV	C6K 5776 x 3056 (17:9)	29.97 fps	1939 Mbps	422HQ	ProRes	LPCM	48 kHz/24 bit	●	n/a
		25.00 fps	1618 Mbps	422HQ		●			
		24.00 fps	1553 Mbps			●			
		23.98 fps	1551 Mbps			●			
	C4K 4096 x 2160 (17:9)	59.94 fps	1944 Mbps			422HQ		●	●
		50.00 fps	1622 Mbps	●				●	
		29.97 fps	972 Mbps	●				●	
		25.00 fps	811 Mbps	●				●	
		24.00 fps	779 Mbps	●				●	
		23.98 fps	778 Mbps	●				●	

USER PROFILES

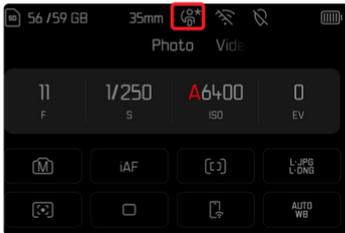
This camera allows the permanent storage of any menu settings, to e.g. access them quickly and easily for recurring conditions/image objects. Six memory slots are provided to store custom settings, plus the factory setting, which is always available and cannot be modified (Default Profile). You can assign names for the saved profiles yourself.

Any profiles configured for the camera can be saved to a memory card for use on another camera. Similarly, profiles saved on a memory card can be transferred to the camera.



INDICATOR REGARDING UNSAVED USER PROFILES

An icon with an asterisk  will appear in the Control Center and in the sidebar to indicate a changed/ not yet saved user profile in the current firmware.



Note

- User profiles that will continue to be used after a firmware update may similarly be indicated with this icon with an asterisk , as some profile settings are dependent on the firmware version in use. Where that is the case, we recommend exporting the existing user profiles followed by a reset of the camera to its factory settings, and a subsequent reloading of the user profile.