



Installation instructions for the LEICA D-LUX 4 - Firmware 2.2

Dear Customers,

By installing the firmware you can enhance the LEICA D-LUX 4's operation in the areas listed below.

Update Contents

Model Number	LEICA D-LUX 4
Update Version	Ver 2.2
Update File Name/Size	DLX4_220.ZIP / 6.097.035 Bytes (After extraction, DLX4_220.BIN / 6.096.384 Bytes)
Update Date	18/ Dec /2009

Improvements

Version	Description
Ver 2.2	<ol style="list-style-type: none">1. Improved auto white balance performance.2. Auto Focus speed-up.3. Recording function with an aspect ratio of 1:1 has been added.4. A white balance (WB) bracket function has been added.5. [HIGH DYNAMIC] has been added to scene mode.6. [LENS RESUME] has been added to the [SETUP] menu.7. [MENU RESUME] has been added to the [SETUP] menu.8. The exposure compensation and the auto bracket compensation can now be set up to $\pm 3\text{EV}$.9. Position of the guide line can now be set.10. It is now possible to display the highlights in playback mode.11. It is now possible to record the user's name in the picture.12. Digital red-eye removal has been modified.13. Items saved in the custom set have changed.14. Improved auto white balance performance in sunset mode.15. Improved recovery operation from unremoved lens cap.16. Improved operation of MF ASSIST/AF area selection.17. Improved display of Manual Exposure Assistance.

Firmware Update Procedures (Overview)

- STEP 1. Check the current version of firmware used by your camera.
- STEP 2. Download an updated version of the firmware and double click the downloaded file to open the zip-archive file.
- STEP 3: drag the **DLX4_220.BIN** firmware file from the archive to your desktop/finder
- STEP 4. Copy the firmware file **DLX4_220.BIN** from the desktop/finder onto an SD Memory Card in its top level folder.
- STEP 5. Install the firmware update.

CAUTION:

Please do not turn off your camera, or do not remove the SD Memory Card while updating your camera's firmware. **Doing so can cause serious damage to your camera !!!**

If the camera malfunctions after the firmware updating, please contact the dealer where you purchased the camera or the Global Service Center Network.

Actual installation steps

STEP 1: Checking the current firmware version.

Leica recommends that you update the firmware in your camera in the following case:

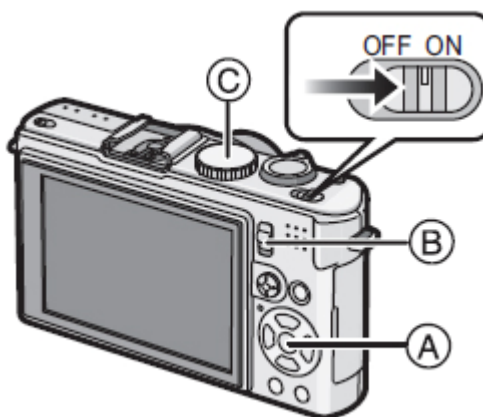
If the firmware version indicated is older than the version being offered.



The firmware update is not necessary if the current firmware version on your camera is Version 2.2.

A [MENU/SET] button

B [REC]/[PLAYBACK] selector switch

C: Mode dial [REC]



1. Turn the camera on.
2. Slide the [REC]/[PLAYBACK] selector switch to []
3. Set the mode dial to 

4. Press [MENU/SET] to display the menu.

Press [◀] [▼] to select the [SETUP] menu icon [🔧]



Press [▶] to select the [VERSION DISP.] menu

[Ver.] [VERSION DISP.]



The resulting screen displays the present firmware version on the camera



STEP 2. Download the updated version of the firmware with the following procedures, and extract it.

For Windows Users

1. Download and save the **DLUX4_220.ZIP** file with the firmware onto your desktop.

DLX4_220.ZIP / 6.097.035 Bytes

2. Double click the downloaded file and move the **DLUX4_220.BIN** file from the zip-archive folder to your desktop.
3. The file size for **DLX4_220.BIN** should be 6.096.384 Bytes.
If the file size is not the same, please download and double click the file again. The file size can be checked by right-clicking on the file and selecting properties.

For Macintosh Users

1. Download and save the DLUX4_220.zip file with the firmware on your desktop/finder.

DLX4_220.ZIP / 6.097.035 Bytes

2. Extract downloaded file.

Depending on your Macintosh setting the file maybe automatically extracted.

If your OS is earlier than Mac OS X 10.3, please use Extract software. If your Macintosh OS is equal or later than Mac OS X 10.3, double click the file, **DLX4_220.ZIP**.

3. The extracted file **DLX4_220.BIN** should be 6.096.384 Bytes. If the file size is not the same, please download and double click the file again. To check the file size, view "File in Finder" then check the information window.

STEP 3. Copy the firmware file onto an SD Memory Card. Prepare an SD Memory Card with the extracted file from STEP 2 above.

Preparation of the SD Memory Card

A minimum of 8 MB available memory is necessary. Please format the SD Memory Card before using with LEICA D-LUX4. Please format the SD Memory Card only in the camera. Refer to your instruction book for more details (Page 47). You will find the menu item FORMAT in the SETUP menu of the camera.

When formatting the SD Memory Card, all data, including protected files, will be erased and can not be recovered. Please make sure to back up your important data so you don't loose it.

Insert your formatted SD Memory Card to your SD slot of your PC.

Copy the firmware onto the SD Memory Card.

If your PC does not have an SD slot, use an external USB SD Reader device.

Copy the file into the Root directory (* 1) of the SD Memory Card.

(* 1) Root directory = The first or top-most directory in the hierarchy.

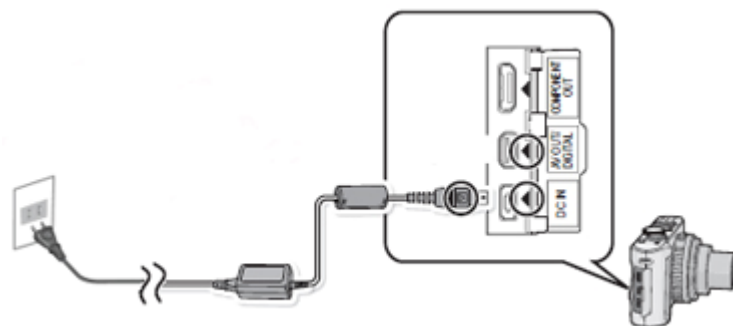
STEP 4. Install the firmware update

For customers who do not have an AC adaptor. (ACA-DC4, separately sold accessory)

1. Charge the battery fully.
2. Make sure to turn off the power switch.
3. Insert the fully charged battery to the body.
If the battery is not full, the Fig.3 will not appear.

For customers who have an AC adaptor. (ACA-DC4, separately sold accessory)

1. Make sure to turn off the power switch.
2. Connect the AC adaptor's power cord to a wall outlet. <Fig. 2>
3. Using the AC adaptor, connect the DC output on the adaptor with the DC input terminal on the LEICA D-LUX 4.



<Fig.2 Connecting the camera to the AC adaptor>

4. Insert the SD Memory Card prepared in STEP 3 into the LEICA D-LUX 4.
5. Set Playback/Recording switch to playback mode.
6. Turn on the power switch.
7. After the message of "PLEASE WAIT ..." is displayed, the following display will continuously be shown on the LCD (Fig.3).



Version number varies according to the updated firmware used.

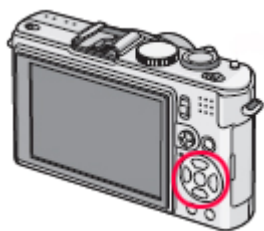
<Fig. 3 The initial setup of the firmware updating process>

If a newer version or the same version of the firmware has already been installed, the initial setup screen (Fig. 3) will not be displayed. If the battery is not fully charged the initial setup screen will also not appear (Fig. 3), and the LEICA D-LUX 4 will display "NO VALID PICTURE TO PLAY". Please turn off your camera and use the camera as is.

8. Press the UP-button to select YES (Fig. 4 and Fig. 5).

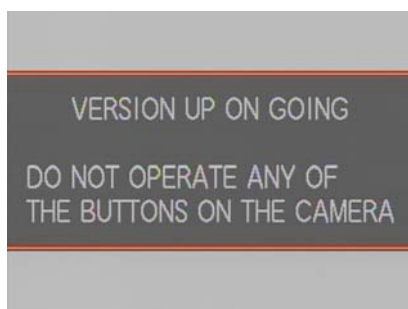


<Fig. 4 To prepare the start of the update, select YES.>



<Fig.5 Location of MENU/SET and cursor buttons.>

9. At the above screen (Fig.4), press the MENU/SET button(Fig.5) and the screen will change to Fig. 6.
The LEICA D-LUX 4 will start the update process.
The firmware update will take about 30 seconds.
Please do not attempt the following operations before completion of next step
 - Turning the power off and on
 - Opening the SD Memory Card compartment
 - Removing the SD Memory Card
 - Removing the AC Adaptor Cord
 - Removing the DC Cable



<Fig.6 Version up on Going>

10. Once the firmware update process is completed, the LEICA D-LUX 4 will reset to playback mode automatically.
11. To verify the version number, follow Step1 at the beginning, the camera version number indicates 2.2, the process is completed.
12. Turn off the power switch.
13. Remove the SD Memory Card.

NOTE:

Please format the SD Memory Card used for the firmware update before taking photos, otherwise it may cause the LEICA D-LUX 4 to malfunction and/or decrease the number of pictures that can be stored.