

December 2012

**Dear Mamiya Leaf Customer,**

Congratulations on the purchase of your new Mamiya Leaf camera system!

You are among our first customers using the new 645DF<sup>+</sup> and therefore we would like to provide you with some pertinent technical information.

Since the introduction of the Mamiya 645DF camera system, we have accomplished quite a lot in terms of durability. We have made the focal plane shutter even more durable and updated the mirror mechanism. We have enhanced a lot of internal electronic components to include more stable dataflow and also to improve the electrostatic discharge protection.

In addition, we have reworked the autofocus (AF) algorithms from scratch, which is why today, we can say with confidence, that the Mamiya 645DF<sup>+</sup> camera is the most versatile camera platform for high-end photography, with unparalleled control, performance, precision and reliability.

### **New Mamiya 645DF<sup>+</sup> camera system features**

- Completely new auto focus algorithm with two priority modes
- New autofocus fine tune feature
- New rechargeable Li-Ion battery pack

### **New autofocus**

- The new AF function has two priority modes, **Speed** and **Accuracy**.
- The default autofocus mode is **Speed**, recommended for optimum performance in handheld photography.
- For studio or product photography, where speed is not an issue, or when a superfine autofocus precision is required, we recommend that focus priority be set to **Accuracy**, consequently with a little slower speed on the autofocus motor.

### **New autofocus fine tune feature**

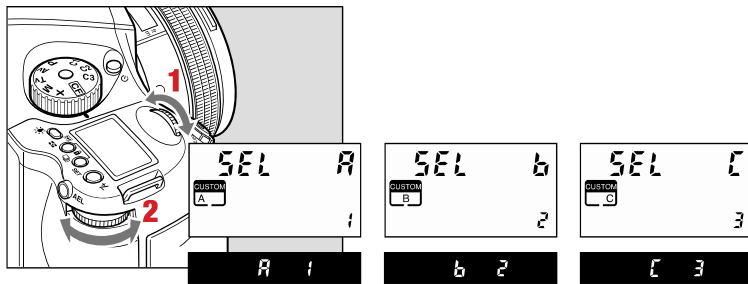
- The autofocus fine tune feature lets you adjust your AF focusing point.
- In some situations, it can be advantageous to use the AF fine tune feature to adjust your autofocus to have a front- or back-focus compared to the neutral calibration.
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### **New Lithium-Ion rechargeable battery**

- Your purchase of the Mamiya 645DF<sup>+</sup> includes the new Li-Ion rechargeable battery pack.
- The battery pack is shipped in a separate package
- The camera you just received is set up at the factory to use Li-Ion batteries.
- If you choose to use standard alkaline batteries in the camera body, you should set up custom function (CF) [04] accordingly.

*Have fun creating the world's best photography!*

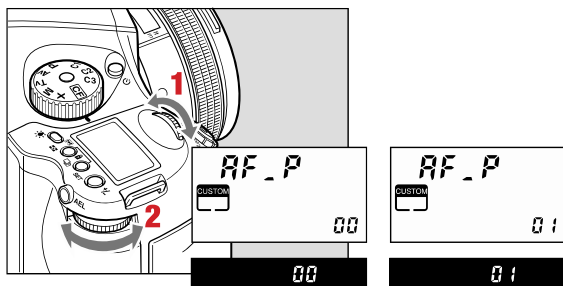
*All the best from the Mamiya Leaf Team*



### Initiating CF - Set A, B or C [00]

1. Turn on the camera body, and set the mode dial to CF.
2. Using the front dial, scroll to CF 00
3. Using the rear dial select set A, B or C.

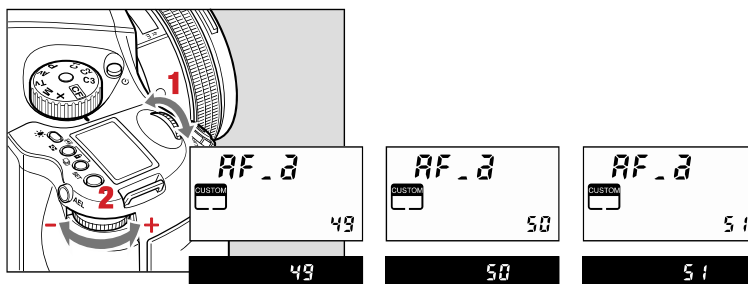
In order to use custom function 04 or 19, you must initiate at least one of the custom sets.



### AF Priority [19]

1. Use the front dial to scroll to custom function 19
2. Using the rear dial set AF Priority to
  - 00 = Speed
  - 01 = Accuracy

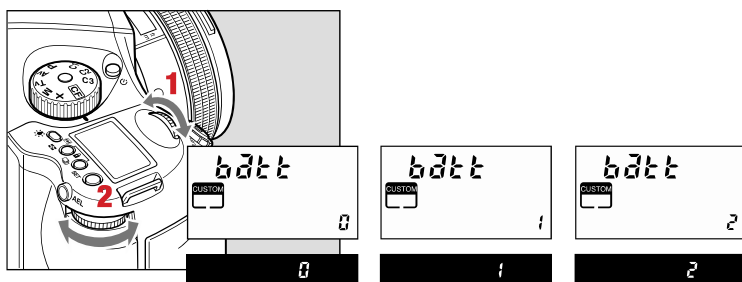
On Leaf Credo digital backs this CF can also be set from within the digital back menu system: Home > 645DF > Setup Custom A > AF priority.



### AF Fine Tune [20]

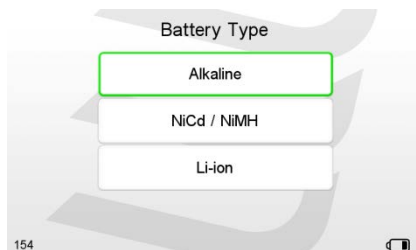
- Use the front dial to scroll to custom function 20
- Using the rear dial, fine tune the focus point on the subject closer or further away from the camera.

50 = Neutral factory calibration  
 Minus = Move AF point closer  
 Plus = Move AF point further away



### Battery Type [04]

- Use the front dial to scroll to custom function 04
- Using the rear dial to select between 0, 1 and 2
  - 0 = AA Alkaline batteries
  - 1 = AA NiMh / NiCD batteries
  - 2 = Li-Ion Rechargeable battery



On Leaf Credo digital backs, this custom function can be set from within the digital back menu when the back is connected to the camera: Camera settings > 645DF > Active Custom Set > A > Setup Custom A > Battery type.