

Phase One 645DF+ camera system

December 2012

Dear valued Phase One customer,

Congratulations with your new Phase One camera system!

You are among our very first customers using the new 645DF+ and therefore we would like to provide you with some extra information.

Since the introduction of the Phase One 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.

On top of this we have reworked the autofocus algorithms from scratch, which is why we today with confidence can say that the Phase One 645DF+ camera is the most versatile camera platform for high-end photography with unparalleled control, performance, precision and reliability.

New 645DF+ camera system features:

- Completely new autofocus algorithm with two priority modes
- New Autofocus Fine Tune feature
- New rechargeable Li-Ion battery package (See delivery time below).

New Autofocus:

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

New Autofocus trimming feature:

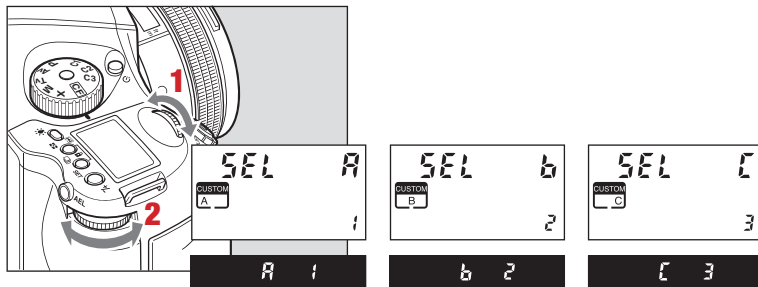
1. The autofocus trimming feature lets you adjust your AF focusing point.
2. In some situations, it can be an advantage to adjust your auto focus to have a certain front or back-focus compared to the neutral calibration, this can now be obtained with the AF fine tune feature.

New Lithium-Ion rechargeable battery.

1. Your purchase of the 645DF+ includes the new Li-Ion rechargeable battery pack
2. The battery pack is shipped to you in a separate package
3. The camera you just received is setup from factory to use Li-ion batteries.
4. If you should choose to use standard Alkaline batteries in the camera body you should set up custom function [04] accordingly.

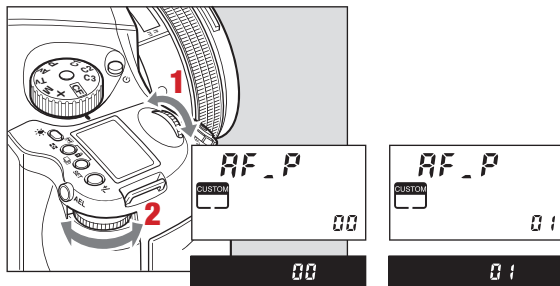
Have fun creating the world's best photography!

All the best from the Phase One Team

**Initiating CF - Bank 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 function 00
3. Select bank A, B or C with the back dial.

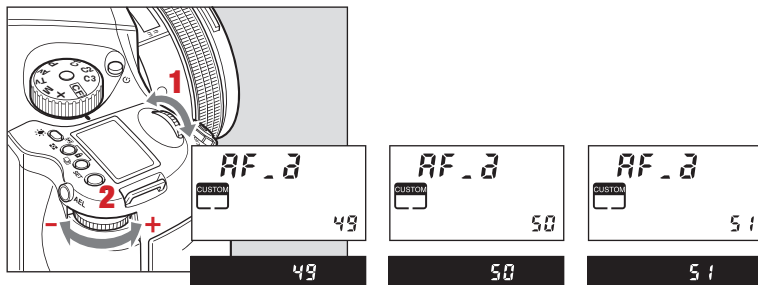
It is required to initiate at least one of the banks in order to use custom function 19 or 04 below.

**AF Priority [19]**

1. Use the front dial to scroll to Custom function 19
2. Using the rear dial Set AF Priority to

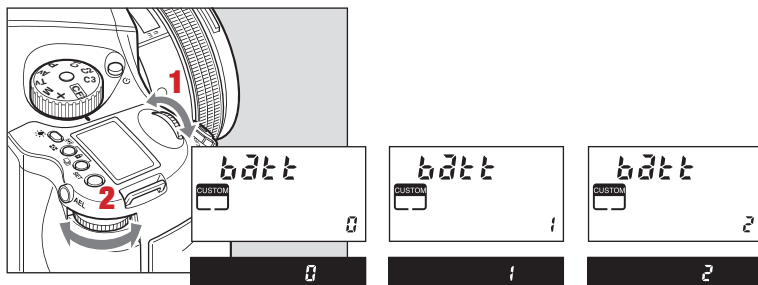
00 = Speed
01 = Accuracy

On IQ, P 65+ or P 40+ digital backs this CF function can also be set from within the digital back menu system: Menu > 645DF > Setup Custom A > AF priority

**AF Fine Tune [20]**

3. Use the front dial to scroll to Custom function 20
4. Using the rear dial to fine-tune the focus point on 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]**

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

On IQ, P 65+ or P 40+ digital backs this CF function can also be set from within the digital back menu system: Menu > 645DF > Setup Custom A > Battery type

Note: The newly introduced Custom function [21] (AF_c) is a factory service calibration function for the new AF algorithms – this function is user editable but does not set anything inside the camera – it is merely used in calibration routines at factory.