H system CF lens adapter

GENERAL DATA:

Dimensions (W x H x D)	98 × 86 × 22 mm
	3.9 × 3.4 × 0.9 in
Weight	140 g / 4.9 oz
	180 g / 6.3 oz (incl. covers)
Compatibility	All C-type lenses

The new CF Lens Adapter for the H-System allows photographers to use all Carl Zeiss C-Type lenses from the V-System on the H1 and new H1D digital camera. Integral processors for data conversion bridge the two systems to access a number of the H1-display and lens-control functions.

The precision machined CF Lens Adapter weighs only 140 g/4.9 oz. and fits between the H1 or H1D body and the Zeiss lens. The automatic focusing system in the H1 and H1D digital camera can be used to guide the manual setting of focus through the use of the focus confirmation signal displayed in the viewfinder. Light is measured at full aperture with all lenses, which produces an aperture and shutter speed data display in the camera for the manual setting of the exposure. Owners of CFE version lenses receive an additional benefit as the preset aperture setting is automatically transferred to the camera. Shutter cocking is performed manually with all lenses and is quickly accomplished by an easily accessible lever on the side of the adapter.

With the CF Lens Adapter, existing owners of the V-system are now able to transition to the H1 or H1D and still benefit from their investment in high-quality Zeiss lenses. This includes the specialty lenses, such as the 30mm CFi or 500mm CF, which are not available today in the H-System. For the digital photographer, Hasselblad offers additional flexibility in the form of the i-Adapter concept for the Ixpress camera back. With the Ixpress single-shot 96C, 132C or multi-shot 384C or 528C, photographers can make a single investment and use the camera back on both the V-System and H-System platforms through the use of interchangeable adapter plates. Together with the CF Lens Adapter, the photographer can freely choose between the camera and lens combination that makes the most sense for that job – with the peace of mind that comes from redundant back-up solutions.

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Instructions on use of the H-System CF Adapter:

1. **Attaching the Adapter:** The CF Lens Adapter should be attached to the camera body first and then the lens to the adapter.

2. **Removing the Adapter:** After exposure, you can remove the adapter from the camera without re-cocking the lens, but you cannot remove a lens from the adapter without re-cocking the lens. Remove a lens from the adapter by pressing the lens adapter catch on the adapter and rotating the lens in an anti-clockwise direction. Remove the adapter from the camera body as you would a lens by pressing the lens release button on the camera and rotating the adapter in an anti-clockwise direction.

3. **Use of Converters and Extension Tubes:** Converters and extension tubes are attached and removed in the conventional manner. They should be attached to the adapter first. When detaching, however, remove the lens first and then the converter/extension tube. If you remove the lens and converter/extension tube together as a unit and then separate them, there is a possibility that the shutter in the lens will be tripped.
Note: Only converters and extension tubes from the V-system can be used.

4. **Lens Choice and H1 Display:** Attachment of the CF Adapter or adapter/lens combination automatically causes the camera to display the lens/converter choice screen on the grip LCD. The grip screen is scrollable or partly so, depending on lens type. There are two possible screens, My Lenses and All Lenses. The My Lenses screen will provide access to a list you have already created consisting of the lenses you use, while All Lenses will provide access to all lenses available. When a C/CF/CFi type lens is attached, all 'C' type lenses are available on the list. To simplify operation when a CFE lens is attached, only the CFE lenses that share the same common widest aperture appear on the list of lens options. This feature functions by way of the databus connections and therefore will not work if the converter/extension tubes have no databus con-

nectors. Whether the choice of lenses is manual as in C/CF/CFi type lenses or semi-automatic with CFE lenses, a choice must still be made regarding a converter at least, and then saved. Failure to set the correct lens may cause errors in light metering.

5. **Creating and Using a 'My Lenses' Setting:** If you regularly use the same lenses, you might want to speed up lens choice when changing lenses by creating a personal 'My Lenses' list that matches your equipment. This method helps to avoid errors in lens choice and the list can be added to at any time.

6. **Focusing:** Although the auto-focus function is not available with V-System lenses, the H focus confirmation aid LED's in the viewfinder display function as normal with exception of lenses or lens-converter combination slower than f/6.7. This function remains customizable and the operation is identical as with all HC lenses.

7. **Light Metering:** For all types of lenses, choice remains between metering methods in the camera – average, center weighted and spot – as well as exposure compensation. Light metering is made at full aperture and the shutter & f/stop settings must be read from the grip or viewfinder LCD and manually transferred to the 'C' type lens. The aperture on the CFE lenses may be pre-set and this setting will transfer to the H1 by way of the databus connections. The full range of shutter speeds on the C Type lenses, from 1s – 1/500s, including B and T mode, remain available.

8. **Exposure:** When the exposure button is pressed (or the remote release or the self timer), the conventional sequence of events takes place. However, after exposure, the shutter in the lens remains closed and so there is no image in the viewfinder. If you forget to re-cock the shutter, the camera operation is blocked and the message 'Cock the Lens' appears on the grip LCD and in the viewfinder LCD alongside a red warning triangle. The standard screen returns again on the grip LCD when the lens has been cocked.