

Introduction

True Focus is primarily intended to relieve a situation caused by wanting to use auto-focus while having to continually make compositional changes.

The H4D user manuals have a great deal of information on True Focus. Please read carefully pages 31 to 39 inclusive.

Using True Focus in Practice

The H4D has a new button on the back of the camera labelled **True Focus**. This replaces the AE-L (Auto Exposure Lock) button as seen on previous models. The AE-L button is now in the position of the **USER** button. Both buttons can be similarly customised as before.

On the **Default settings**, the H4D can be setup to use True Focus in two ways. Firstly in AF-S mode, the camera will behave exactly as before on H3D models. However, pressing the True Focus button will allow True Focus operation for **one capture only**.

In the second mode, the H4D is set to **AF-T** in the Autofocus selection menu and then True Focus is permanently enabled. Both Methods are described below.

PLEASE NOTE - In this implementation of True Focus, the sensors in the H4D are only programmed to detect movement of the camera about its own axis. ie. Imagine the camera fixed to a tripod but free to rotate left to right, up or down or a combination of the two. Similar to Tilt and Swing movements on a technical camera.

Lateral movement, ie. side to side (shift) or rise and fall are NOT detectable by the H4D sensors.

Please bear this in mind when focussing and then subsequently recomposing. If you feel that True Focus is not operating correctly, test the methods below on a tripod first.

Method 1

Follow the steps below to use True Focus in this method...

1. Set the H4D to the default profile by pressing the ON-OFF / Profiles button once and choosing the Default profile...



Here the camera will automatically be set in AF-S mode and the True Focus button set to **True Focus**.

2. Aim the central AF points at the area of the subject you wish to be in focus and press the True Focus button. Release the True Focus button **once you have AF confirmation** from the two arrows in the viewfinder. This will also be indicated by a short 'beep' tone. The TF icon will animate in the viewfinder...



If the AF confirmation arrows do not illuminate, press and hold the True Focus button again, until they are shown and the 'beep' confirmation is heard.

3. Recompose your image, and press the shutter release. The AF drive applies the correction, after the mirror has been raised to the UP position, NOT as the camera is rotated / recomposed.
4. The camera automatically returns to AF-S mode for the next capture, unless the True Focus button is pressed again.

Method 2

Follow the steps below to use True Focus in this method...

1. Change the auto focussing mode to AF-T in the H4D Auto Focus menu...



NB - In this mode, operation of the AF drive by half pressing the shutter is automatically disabled. **All Auto Focus commands are made by the True Focus button.**

2. Aim the central AF points at the area of the subject you wish to be in focus and press the True Focus button. Release the True Focus button **once you have AF confirmation** from the two arrows in the viewfinder. This will also be indicated by a short 'beep' tone. The TF icon will animate in the viewfinder...



3. Recompose your image, and press the shutter release. The AF drive applies the correction, after the mirror has been raised to the UP position, NOT as the camera is rotated / recomposed.
4. Further captures can be taken with the new True Focus setting, as long as the situation remains very similar. The new focus is set according to the **first capture** and does not change until the True Focus button is pressed again. It therefore follows that any major deviance from the original situation should be regarded as a new situation and therefore would require a new True Focus setting.

If so, follow the steps from point 2. above.