

Optix v5+ AF-Confirm chip Trap Focus Mode User Guide

In the original Optix V5 firmware, the AF-assist indicator lights up / beep when the focussing ring is rotated to hit the correct point of focus. Very often it is very hard to stop the ring turning motion sharply when the beep sounds and a just tiny bit of over-turning will lead to obvious incorrect focus if you are using big apertures like f/2.8, f/2.0, etc. on your manual focus lens.

Optix V5+ is the new enhanced version of our famous Optix V5 AF-chip with the update to include the very helpful **Trap Focus** feature. You can activate and de-activate this focus mode by selecting f/18 in the basic setting mode. Under Trap Focus mode shutter can only be released at correct focus. And this introduces a wonderful trick to make the camera fire the shutter sharply and automatically once the focus condition is matched. Simply follow the steps below:

1. With your lens and Optix V5+ adapter properly mounted to Canon EOS camera, use the f/18 function in basic setting mode to enable the Trap Focus mode:



2. Once Trap Focus is enabled you should notice that the status goes from MF to one of the AutoFocus modes (One-Shoot, AI-Focus or AI-Servo). Please switch to One-Shoot AutoFocus mode through the camera menus or function buttons.
3. Now choose your desire object to aim at. Turn the focussing ring such that the view is totally out of focus. At this point if you press the shutter button fully you should not be able to hear any focus indicator or fire the shutter.
4. Continue to hold the shutter button in this fully pressed position and turn the focussing ring of your lens towards the correct focus point. You do not need to turn it too slowly but a even speed would be good to keep the camera in a steady position.
5. When the correct focus point is hit the camera fires the shutter automatically and a photo is taken sharply at the AF-assist indicated position. You will need more practice on how to keep the camera steady enough when the shutter is released. Maintaining the exposure time short will also help a lot on the overall successful rate of a quick and sharp photo.
6. Due to the AutoFocus calculation method of Canon EOS camera there is a difference between the indicated correct focus point by AF-Assist function when you rotate the focussing ring clockwise or anti-clockwise. For the same lens please always use only one turning direction as reference. You can also adjust the focus accuracy by the Optix V5 focus tuning function f/14. For more information on focus tuning please consult the Optix V5 focus tuning guide.
7. Trap Focus mode does not allow arbitrary / artistic shutter release at objects that are out of focus. Please repeat the Trap mode enabling sequence in (1) above to go back to Manual Focus (MF) mode if you want to do so.