

## ***Thank you for purchasing our Nikon ProLock adapter***

### **Main features:**

1. Positive locking to eliminate slop between the lens and the adapter
2. Aperture control for AF-S lenses built into the adapter.

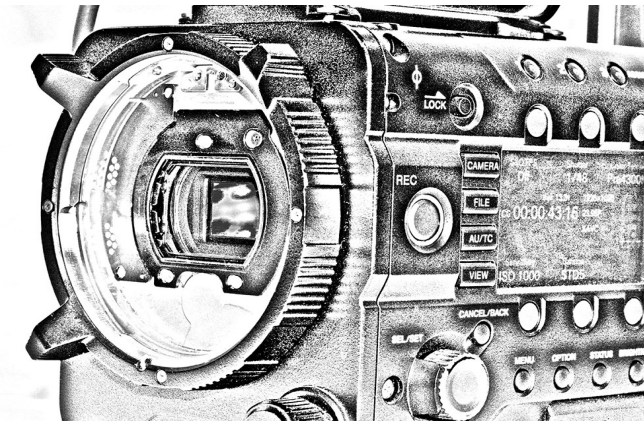
The control is a traditional iris ring with standard pitch gear so motor can be used to control aperture remotely

3. Iris scale engraved on the control ring to read the lens aperture value for reference.
4. Iris scale is adjustable so it can be quickly precisely calibrated to the lens on the camera for even more precise aperture reference.
5. full compatibility with the AI, AI-S, AF-S lenses.

**Mount Operation:**

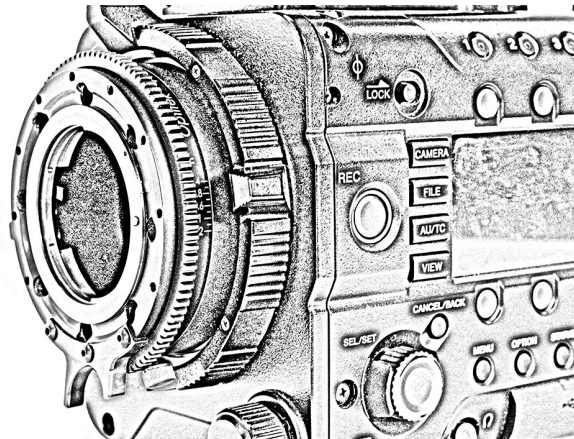
### **Remove the PL adapter:**

- turn the locking ring on the camera front using the tabs CCW until it stops
- remove the PL adapter.



### **Attach the Nikon ProLock:**

- insert the adapter with the locating pin lined up with the receiving slot @12 o'clock position
  - turn the locking ring CW all the way



## Mounting the lens:

Make sure the mount is in open position( locking lever turned all the way CCW until it stops)

Make sure that the iris scale is in all the way closed position. (turned CCW all the way)

Line up the red dot on the lens with the red dot on the mount flange and insert the lens

Turn the lens CCW until it stops.

Lightly lock the mount so the lens is still loose and try to turn the lens- it should not turn.

That means that the pin is engaged and all contacts aligned properly.

(this mounting verification is needed only initially, after a few times mounting the lens properly becomes natural)

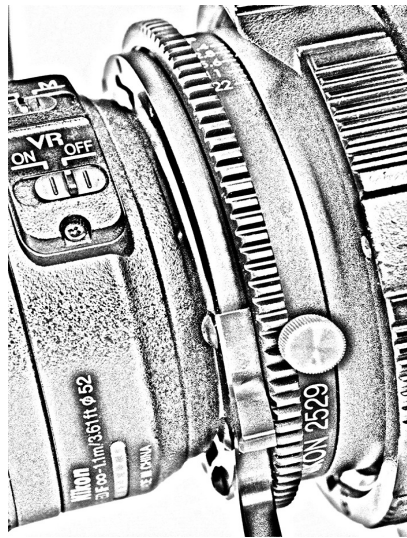
Now the lens is ready to use with iris control!!!

AF-s lenses iris control calibration and operation (lenses with no aperture ring)

Rotate the iris scale CW until the lens is Wide Open

Note the f- number of the lens (for example 50mm 1: 1.4 lens has the f number 1.4)

Loosen the red knob on the iris scale (turn as little as possible CCW until the knob turns freely)



Now slip the iris scale to line up the lens f- number with the index line on the adapter.



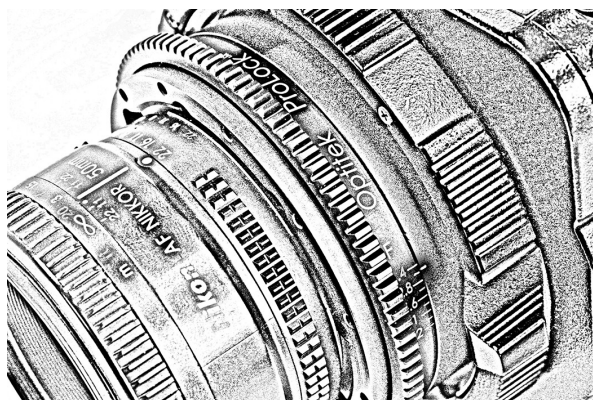
**Tighten the red knob. Close and open the aperture again and verify that in WO position the f-number of the lens on the iris scale is lined up with the index line.**

**Now you have iris scale precisely calibrated and ready to use!!!**

**Other types of Nikon lenses (with aperture ring on the lens)**

**With these lenses you have option to use either the lens aperture ring or the ProLock aperture ring**

**Calibration procedure for the ProLock aperture ring is the same as with AF-S lenses. The iris ring on the lens has to be in fully stopped down position in order to use the ProLock aperture ring (no need to declick iris ring in lenses anymore)**



**Conversely, if you would like to use the lens aperture ring the iris s ring on the ProLock has to be in the stopped down position (turned CCW all the way)**



## **FAQs:**

### **1. lens difficult to insert/turn**

- make sure that the locking lever is in open position (turned CCW all the way)
- make sure that the locking lever is not jammed in the open position (you should be able to lock it with one finger).

### **2. Iris not closing**

- make sure that the iris ring on the lens is in stopped down position
- make sure the iris control tab on the lens is not jammed open.

### **3. iris not opening**

- make sure that the iris control tab on the adapter engages with the iris control tab on the lens.

Remove the adapter with the lens from the camera and look from the back. You'll see the operation of the iris control.

The tab on the lens is sometimes bent or even missing. If bent carefully correct it. If missing use another lens

### **4. lens out of focus (also applicable in improper iris operation cases)**

- make sure the lens is mounted properly and the locating pin is engaged with the lens.

### **5. Iris scale reading incorrect**

6. -calibrate the iris scale per manual.