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# LE-Adapter

## Lens to Eyepiece Adapter

For Most Digital Cameras, Camcorders,  
Nightvision Scopes, SLR Cameras,  
& CCTV Cameras

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## Standard Le-Adapter Installation Guide

*These instructions are applicable to Zoom Digital Cameras,  
Camcorders and SLR Cameras*



[Download](#) Our Installation Guide  
In PDF Format.

Please review and follow the below instructions carefully. If you have any problems or questions feel free to contact our technical staff at LensPlus either by [E-Mail](#) or call 1-800-659-7770. The LE-Adapter carries a [full lifetime guarantee](#).

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### General Information:

The **LE-Adapter** couples eyepieces of various optical devices that are between one half inch (12mm) to 1 - 5/8 inch (41mm) diameter.

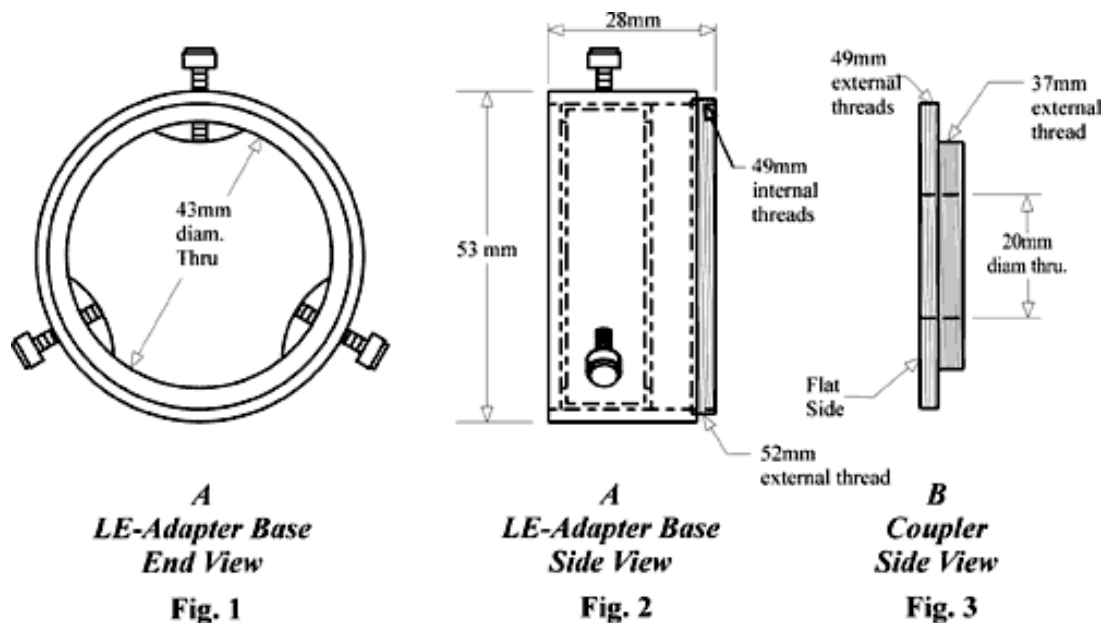
The **2Plus LE-Adapter** accepts a range of eyepieces diameters between 35mm (1 3/8") to 60mm (2 5/16").

The 2Plus LE-Adapter will function exactly like our original. Cameras compatibility, camera settings, installation procedures are exactly the same. The only difference in the two adapters other than size is the 2Plus adapter has fixed 28mm or 37mm filter threads. [Click Here](#) for more information.

The quality of your picture is primarily based on the quality of your optics.

Filter threads on cameras vary widely. The Standard LE-Adapter can now be purchased with either a 28mm/52mm or 37mm/52mm coupling ring. If your filter threads are 52mm proceed to Step 1. If your filter threads are 28mm or 37mm go to Step 2. If your Camera has different size filter threads than stated above you can purchase an inexpensive step-up or step-down adapter ring at your local camera store (or see end of instructions for additional resources) to adapt from your filter size to either 37mm or 52mm.

On some Cameras the lens is set slightly inside the camera body...in this case you will need to purchase and install an inexpensive 37mm Haze Filter prior to attaching the LE-Adapter coupling ring. You may need to remove the lens guard protecting the filter lens prior to attaching your camcorder to the LE-Adapter. These attachment procedures are applicable regardless of what type of eyepiece you are connecting to ie. monoculars, binoculars, spotting scopes, telescopes, night vision devices, microscopes, etc.



The LE-Adapter base (A) and Coupler (B) are shipped pre-assembled.

U. S. Patent No. 5,053,794

### Step 1 - If your camera has 52mm filter threads

1. Insure the LE-Adapter Coupler (B) is threaded all the way into the LE-Adapter (A) with the flat side of the coupler facing towards the camera lens to prevent the 28mm or 37mm coupler threads from contacting the camera lens.
2. Thread the LE-Adapter on to the 52mm filter lens of your Camera.
3. Proceed to Step 3.

### Step 2 - If your camera has 28mm or 37mm filter threads

1. Remove the LE-Adapter Coupler (B) from the LE-Adapter (A)
2. Screw Coupler (B) onto the 37mm filter lens of your Camera
3. Screw the LE-Adapter Base (A) onto the LE-Adapter Coupler (B)
4. Go to Step 3.

### Step 3 - Attaching the eyepiece of the optic to the LE-Adapter

1. Set the three sizing screws of the LE-Adapter (evenly) to the approx. diameter of the eyepiece. The LE-Adapter will accept eyepieces from one-half inch (12mm) to 1 and 5/8 inch (43mm). Eyepiece needs to be centered for best imaging.
2. Insert the eyepiece into the LE-Adapter and **Firmly** tighten the sizing screws equally to Lock the eyepiece of the device to the LE-Adapter.
3. Check to insure that optic device is firmly locked with LE-Adapter; you are now ready to begin shooting your

subject.

#### **Step 4 - Detaching Eyepiece from LE-Adapter**

1. Securely hold the optic device attached to the LE-Adapter with one hand and slightly loosen one of the sizing screws.
2. Remove the optic device from LE-Adapter
3. Remove the LE-Adapter from the Camera in reverse order as shown in Steps 1 & 2.

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### ***Focusing - Camcorders and SLR Cameras***

Most Camcorders and SLR Cameras on the market today will focus the lens and set the aperture automatically when using the LE-Adapter attached to an eyepiece or optic device...if the lens does not focus properly, set the mode to Manual and set the Focus on Infinity. Always Focus the eyepiece or device, not the Camcorder/Camera. Use the Zoom option to further increase magnification and eliminate vignetting.

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### ***Focusing - Digital Cameras***

In order to eliminate vignetting with digital still cameras, the camera must be set at "fixed aperture" (ie., in the Aperture preferred mode setting rather than Program or Shutter preferred). If your camera will not focus in the autofocus (AF) mode set it in the "manual focus" (MF) mode and set the focus to Infinity. In addition, the camera should be zoomed to full telephoto. Always focus the device that the LE-Adapter is coupled to, not the camera.

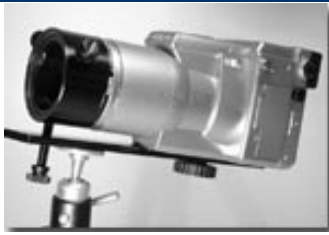
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### ***Support Bar Installation Instructions***

**Click Images to Zoom In!**





### **With the LE-Adapter installed:**

1. Rotate the LE-Adapter such that the nearest sizing screw is facing downward; remove the bottom sizing screw.
2. Attach the Support Bar to the base of the Camera with the tripod mounting screw and lightly tighten.
3. Align the 1-1/2" Support Bar Lockscrew with the now blank sizing screw hole and thread the Lockscrew into it.
4. Tighten the tripod mounting screw.
5. The Lockscrew should thread freely within the LE-Adapter threads...do not force when threading the screw into the LE-Adapter...if the screw does not thread freely, loosen the tripod screw from the camera and slide the Support Bar up or down on the Lockscrew to a point where the Lockscrew does not bind within the LE-Adapter. Retighten the tripod screw securely.

Note: The Support Bar also has two threaded holes for attachment to a tripod.

### **Removal of Support Bar:**

1. Loosen the tripod mounting screw
2. Unscrew the LE-Adapter Lockscrew until it clears the LE-Adapter.
3. Remove the Support Bar by completely unscrewing the tripod screw.
4. If applicable, reinstall LE-Adapter screw previously removed to install Lockscrew..

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## ***Attaching Night Vision or CCTV Device to Another Optical Device***

1. Most Nightvision Pocketscope/CCTV lenses have 40.5mm filter threads. You will need to obtain a 40.5 to 37mm step down ring from your local camera store before going to Step 1 as described above.
2. Due to the variations of lens filter thread sizes on CCTV cameras please contact us for additional information.

A lens thread of 25mm focal length is required on both CCTV and Night Vision Scopes to eliminate vignetting.

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## Notes and Precautions

**?** *Be careful when screwing any filter or device on the threads of your camera lens housing. Cross-thread it and you risk damaging the lens and/or the camera. Seasoned pros know that when using screw mounts you turn it backwards until you feel threads line up -- and then you turn it carefully forward paying close attention to the alignment.*

The support bar should always be installed to support the camera body when heavy optics are coupled with the LE-Adapter to prevent damage to the body and/or the lens. Use a tripod or window-mount for steady viewing and/or recording at high magnifications. On heavier optics, remove the rubber covering from the eyepiece so that there will be metal to metal contact between the LE-Adapter metal retaining band and the optics eyepiece. Increase the shutter speed and/or use a 4x Neutral Density filter when excess light causes the automatic iris on the camcorder/camera to close down.

The LE-Adapter is unconditionally guaranteed against any defects for the life of the product. If you have any problems just return the defective unit and we will replace it at no charge. We also have a 30 day no-hassle return policy...if you are not completely satisfied with the LE-Adapter just return it and we will promptly refund the cost of the unit.

**NO LIABILITY FOR CONSEQUENTIAL DAMAGES-** to the maximum extent permitted by applicable law, in no event shall LensPlus or its suppliers be liable for any special, incidental, indirect, or consequential damages whatsoever (including, without limitation, damages for loss of business profits, business interruption, loss of business information, or any other pecuniary loss) arising out of the use of or inability to use this product, even if LensPlus has been advised of the possibility of such damages. Because some states and jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, the above limitation may not apply to you. This guarantee does not cover any product or any device attached to it which has been damaged by dropping, tampering, servicing performed or attempted by unauthorized service agencies, misuse or abuse.

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## Resource for Step Rings

Cameras that do not have 37mm or 52mm lens threads will require the purchase of a step ring which is available through your local quality camera retailer for approximately \$12.00. If you are unable to locate the proper step ring for your particular camera the following company carries a wide selection:

**B & H Photo** - 420 Ninth Ave., New York, NY 10001  
Phone: 800-947-6628 or 212-444-6608 Fax: 212-239-7770  
Web Site: [www.bhphotovideo.com](http://www.bhphotovideo.com)

**Adorama Inc.** - 42 West 18th Street New York, NY 10011  
Toll Free: 1 (800) 223-2500 (US and Canada)  
Web Site: <http://www.adorama.com/>

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\* U.S. Patent No. 5,053,794

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