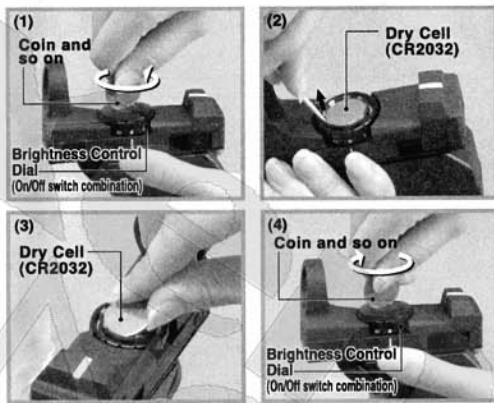


## VI. Replacing the battery

The dot finder is supplied with a dry battery (CR2032) installed. Replace the battery with new one according to the procedure below when it is run out.

- (1) Open the cover using a coin as you fit its edge into the groove on the brightness control dial.
- (2) Lift up one end of the battery using something like a toothpick. The battery will come off as the dot finder is tilted.
- (3) Set a new battery with the positive polarity turned up.
- (4) Put the cover in place and close it.

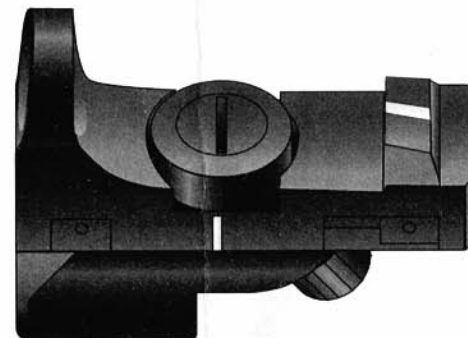


**Vixen Co., Ltd.** 5-17-3 Higashitokorozawa, Tokorozawa, Saitama 359-0021, Japan  
 Phone +81-4-2944-4141 (International)  
<http://www.vixen.co.jp> Fax +81-4-2944-9722 (International)

**Vixen Europe GmbH** Siemensring 44c, D-47877 Willich, Germany  
 Phone 02154/8165-0  
<http://www.vixen-europe.com> Fax 02154/8165-29

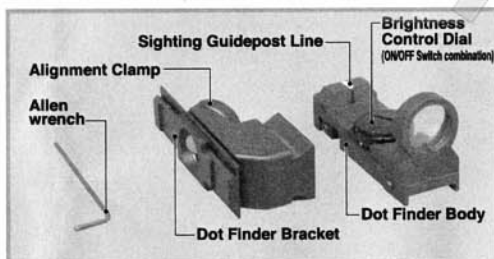
# Vixen

## Instruction Manual for Dot Finder



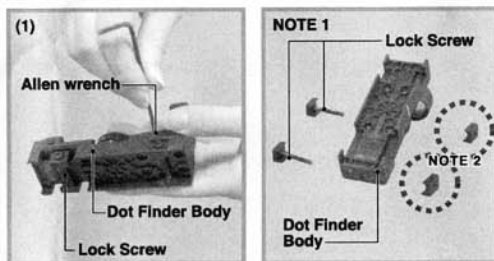
## I. Assembling the dot finder

(Proceed to section II when you have a pre-assembled dot finder.)

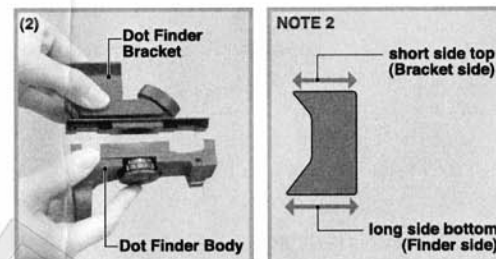


- (1) Remove the two screws on the dot finder body with Allen wrench supplied as shown in the Figure. Small parts on the dot finder body may unfasten at the same time.

**NOTE 1 :** Make sure to notice where the small parts are removed from.

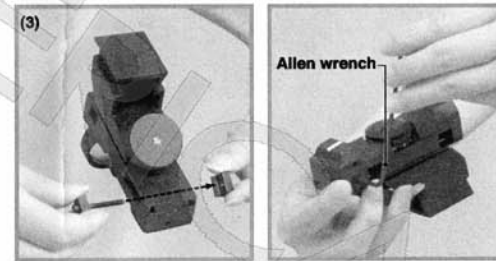


- (2) Attach the dot finder bracket on the dot finder body as shown in the Figure. Make sure to put them together in the right direction.



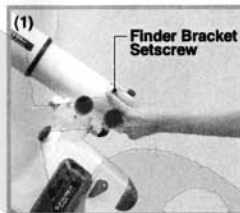
- (3) Assemble the screws and parts which are removed in step (1).

**NOTE 2 :** The small parts have a direction whose comparatively extruded side comes to the finder side. Do not fit it upside down.

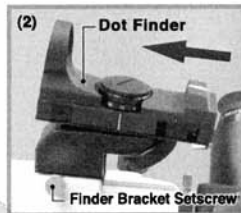


## II. Attaching to the telescope

(1) Loosen the finder bracket setscrew as shown in the Figure.



(2) Attach the dot finder as shown in the Figure, and tighten with the finder bracket setscrew securely.



## III. Adjusting brightness of the dot finder and power supply

Brightness of the dot finder can be adjusted with the dial provided in the center as shown in the Figure. It gains the brightness gradually as the number of the dial increases from 1 to 11.

The number 0 is a position where the power supply is turned off.



## V. Using the dot finder

Turn the brightness control dial to a value between 1 and 11.



Install an eyepiece that produces low power into the eyepiece holder of the telescope.



Move the telescope while looking through the finder scope until the red dot in the center matches the object you are about to observe.



View through the telescope.

Turn the brightness control dial to 0 after use.

**The red ray is not a laser and it does not harm your eyes.**

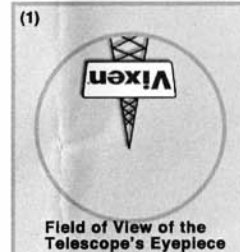
### For spectacle users

Wear your eyeglasses when making adjustment of the brightness.

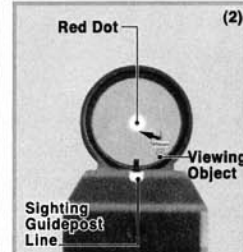
The red dot may not be seen as a tight point image or blurred without wearing the eyeglasses.

## IV. Aligning the dot finder

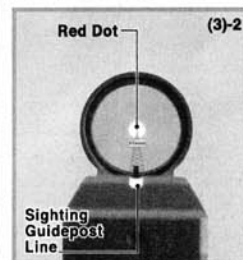
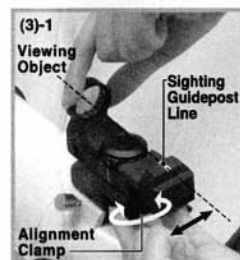
(1) Install an eyepiece with low-power magnification in the telescope, and place the distant object (such as building, tower or utility pole) in the center of the field of view.



(2) Turn on the power supply of the dot finder, and ensure a red dot can be seen from a sighting guidepost line.



(3) Loosen the alignment clamp as shown in the Figure, and adjust the position of the dot finder while viewing by holding its top end (front side). Consequently adjust it so that the centered object in the telescope can be seen at the position of the red dot in the center of the dot finder's field of view. Fasten firmly the alignment clamp.



### Hint:1

You don't need to fix a viewpoint as the red dot can be used for sighting regardless of a position of view whenever it is seen. The red dot may not be seen when you stand aside from the dot finder at a large angle. If you are unable to find the red dot, view again from the area nearer to the sighting guidepost line (white line).

### Hint:2

The red dot can be seen clearly even if you view it at a distance behind the dot finder. You can sight in a comfortable position as there is no need to have the eye close to the dot finder.

### Hint:3

The set up of the dot finder has another option. Release the alignment clamp and you can rotate the dot finder body by 180 degrees as shown in the figure. When the dot finder body is set at this position, the dot finder bracket is attached to the telescope in the opposite direction so that the alignment clamp comes to the front. Choose the set up positions as to usage.

