

Operating Instructions

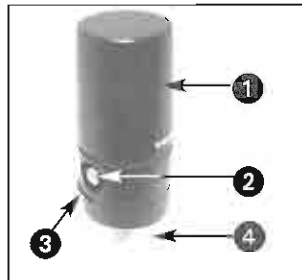
Meade® Electronic Eyepiece™

Black & White Imaging for the Amateur



Introduction

The Electronic Eyepiece can be used with virtually any telescope. View live video images of the Moon, planets, stars, and land objects in black and white on a television screen. Just connect the cable to the yellow-colored Video-In port of your TV set, monitor, or VCR. The Electronic Eyepiece is easy to set up and easy to use, and comes supplied with a cable.



Electronic Eyepiece Parts:
 (1) Battery compartment;
 (2) Video-Out; (3) Contrast Control; (4) Barrel.

Install the Battery

The Electronic Eyepiece uses one (1) user-supplied 9-volt battery.



1 Unscrew cover.



2 Insert battery.



3 Replace cover.

Important Note:
 If you are replacing the battery, unsnap the 9-volt connector from the battery before removing the battery from the compartment.

Remove the battery if you are not going to use your Electronic Eyepiece for several weeks or longer.

Connect the Electronic Eyepiece

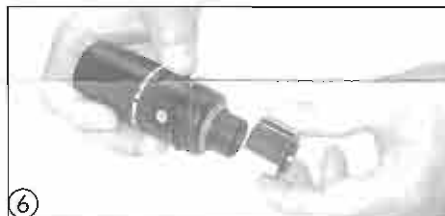
Do this during the day, before your first evening of observations.



4 Focus your telescope on a distant object. Use a lower-power eyepiece (e.g., 25mm) in your telescope.



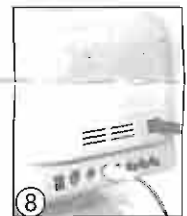
5 Remove the telescope's eyepiece and insert the Electronic Eyepiece.



6 **Note:** The Electronic Eyepiece can fit equally well into telescopes with either 1.25" or 0.965" barrel diameters. If the Electronic Eyepiece does not slide into your eyepiece holder, unscrew the outer barrel.



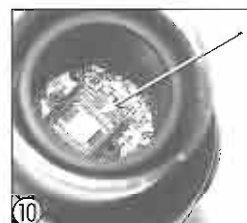
7 Plug one end of the cable into the Video-Out connector of the Electronic Eyepiece...



8 ...and the other into the Video-In connector of your TV, VCR, or monitor.



9 Turn the Contrast Control dial to click the Electronic Eyepiece on and then set the contrast level. Use the telescope's focus knob to focus the image on the monitor.



10 You may notice dark spots on the monitor screen. The imager can "see" small specks of dirt. Take a cotton swab and very gently wipe the square imaging chip in the barrel.



11 Turn the Contrast Control dial to click off when you are done. **Note:** When you move the telescope to a new object, you may need to refocus your telescope.

Warning: Never use a household TV set (or any 115v device) outdoors as there is a severe danger of electrical shock on wet grass or other outdoor surface! Battery-powered monitors, available at many electronics stores, are safe to use outdoors. Another option is to purchase a longer RCA cable at an electronics store, such as Radio Shack, and plug the cable into an indoor TV. This procedure allows the telescope to be placed outdoors, while the image is viewed indoors.

If you have a question concerning use of the Electronic Eyepiece, call the Meade Instruments Customer Service Department at (949) 451-1450, or fax to (949) 451-1460. Customer Service hours are 8:30 AM to 4:30 PM, Pacific Time, Monday through Friday.



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