

## Series 5000 2" Enhanced Diagonal Mirror with Thread-on SC Adapter

The Meade Series 5000 Enhanced Diagonal boasts an astounding 99% light reflectivity. Its 90 degree, precision polished, optically flat first surface mirror is coated with Meade's proprietary multi-layer dielectric coating. These coatings ensure the highest transmission of light to your eyepiece.

Included is a SC thread-on adapter allowing you to mount the diagonal to a standard SC screw-on thread. An extension tube moves the diagonal an additional 31 mm (1.2 inches) backward for greater mounting clearance. The diagonal has a 2" slip-fit barrel that will mate with most other telescopes. An adapter is included so you may use both 2.0" and 1.25" sized eyepieces.

This diagonal is the ideal companion for your larger Advanced Coma-Free, Schmidt-Cassegrain, or Meade refractor and will deliver a lifetime of viewing.

### Features:

- Precision polished optical flat first-surface mirror (No loss of image quality from the primary telescope optics)
- 99% Reflectivity, advanced multi-layered dielectric coatings; delivers virtually all of the light to the eyepiece
- Anodized Aluminum body with eyepiece holders for 2" and 1.25" eyepieces
- Flexibility to use the eyepieces best suited to your needs
- Includes standard SC thread screw-on adapter, a 31 mm/1.2 inches extension tube and 1.25" eyepiece adapter

### Mounting the 2" Diagonal

Remove the diagonal from the package and remove and the two (2) protective dust caps (one in the 1.25" adapter and the second over the 2" slip fit barrel). Remove the threaded SC adapter and note that the extension tube is attached.

### Mounting to a Meade Instruments Advanced Coma-Free or Schmidt-Cassegrain Telescopes:

Release the DEC lock knob and swing the OTA so that it is level to the ground plane. Remove the dust cap from the rear of the OTA.

**LX200 Models:** Thread the SC adapter onto the rear optical port. Tighten to a "snug" fit. Slide the diagonal in and secure with the two thumbscrews. Insert and secure your eyepiece using the thumbscrew.

**LX90 Models:** Unscrew and store the factory installed extension tube that is attached to the SC adapter. Then thread the SC adapter onto the rear optical port. Tighten to a "snug" fit. Note that with the LX90 models there is less distance between the OTA pivot point

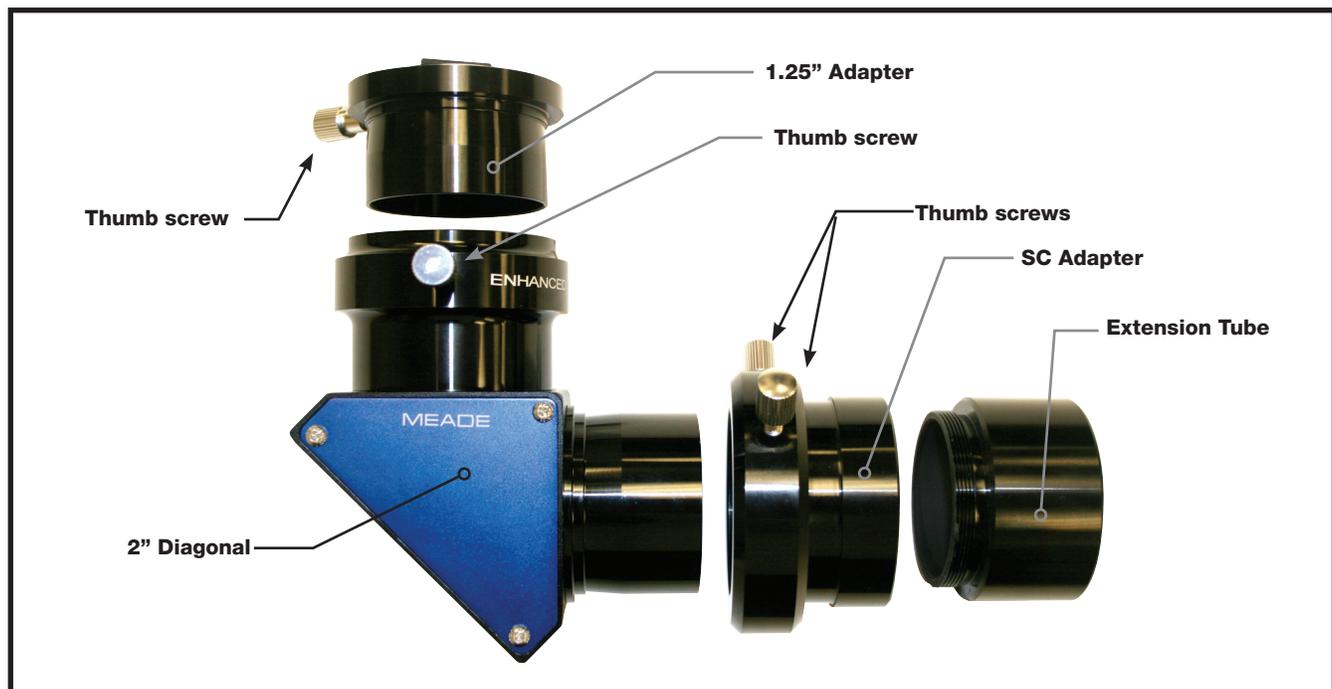
and the top of the drive base. When the OTA on a LX90 rotates towards the zenith (i.e. points directly overhead), a 2-inch diagonal mounted to the SC adapter, with the extension tube, will cause interference with top surface of the drive base. Removing the extension ensures clearance throughout the entire range of motion. Slide the diagonal in and secure with the two thumbscrews. Insert and secure your eyepiece using the thumbscrew.

### Mounting to a Slip fit Holder

Remove and safely store any 1.25" adapter that may be present in the telescope eyepiece holder. Slide the diagonal in and secure with your telescopes thumbscrews. Insert and secure your eyepiece using the thumbscrew.

**Eyepiece holder:** If you have a 2-inch eyepiece, remove the 1.25" eyepiece holder from the focuser assembly by loosening the holder thumbscrew. Slide the 2-inch eyepiece into the holder and tighten with the eyepiece locking thumb screw.

Your diagonal is now ready for observation.



## MEADE CONSUMER SOLUTIONS

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Customer Support Call Center +1 (800) 626-3233 (U.S.A. Only). Our representatives are available to handle your calls regarding any Meade product 8:00am to 3:00pm Pacific Standard Time, Monday through Friday, excluding holidays.

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A printed copy of the Meade Statement of Limited Warranty will be made available by Meade upon written request.

See below for Meade contact information.

Warranty Claim

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