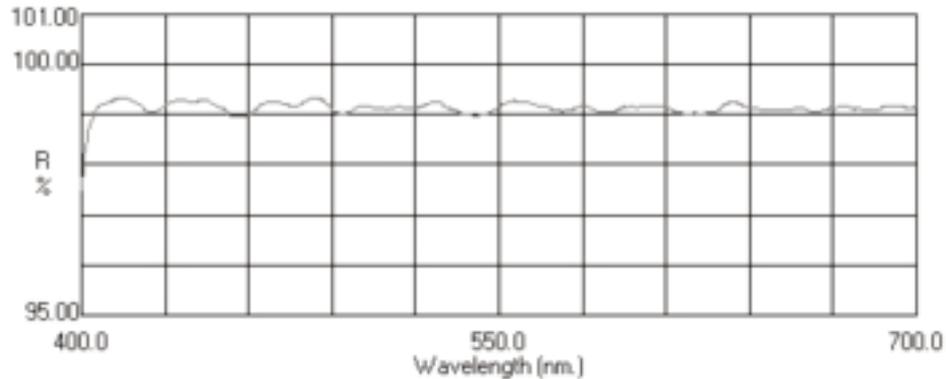


Do's and Don'ts

Don't

1. Do not worry about a slight amount of dust on the mirror. It will have no effect.
2. Do not blow dust from the mirror using your breath or computer type blowers. Moisture droplets will form on the mirror if you do so. Use only a bulb blower.
3. Do not leave the covers off when storing the diagonal.
4. Do not try and adjust the mirror as it may pinch the optic.
5. Do not drop or shake the diagonal or strike it against any object.
6. Do not place the diagonal in a focuser without tightening the lock screws.
7. Do not use a Barlow with a long insert tube as it will strike the mirror and damage it.
8. Never attempt to disassemble the diagonal or loosen the screws that hold the back plate in place. This will disassemble the internal mechanism, affect alignment and void the warranty.



The Stellarvue D1029EDU uses a dielectric coating designed for maximum light reflection and contrast. It will significantly improve performance of your telescope over conventionally coated diagonals.

STELLARVUE

TWO INCH ENHANCED DIELECTRIC DIAGONAL D1029EDU



STELLARVUE
1 1820 Kemper Road
Auburn, CA 95603
WWW.STELLARVUE.COM



The Stellarvue Mirror Star Diagonal contains a large, thick mirror with an extremely flat surface, mounted and aligned to a perfect 45 degree angle. This is necessary for the best performance. Misaligned mirrors will degrade the quality of the image.

Each Stellarvue mirror diagonal is carefully aligned at our factory and tested to ensure it performs as it should. Our mirror is positioned in a cast aluminum body with five cushioning points to ensure the mirror is held rigidly in place without pinching. **DO NOT** attempt to align this diagonal. It is in perfect alignment and adjusting the screws on top may pinch the mirror, degrading the image.

The two inch insert tube has filter threads and a safety taper that will more accurately seat the diagonal and tend to keep it from falling out accidentally. Make sure you tighten the lock screw(s) when installing the diagonal in a focuser. The receptacle barrel uses a brass compression ring. After installing the eyepiece or adapter, tighten the screw so the eyepiece will not fall out.

You may use a 1 1/4" adapter (packaged with all Stellarvue telescopes) which allow you to use 1 1/4" eyepieces. The adapter uses a compression ring and has an insert safety groove and filter threads. Some Barlows have a long insert tube. Always check before using them to make sure they do not strike the mirror. You may want to purchase a clear or skylight filter for this adapter if you are using a long 1 1/4" Barlow lens. This will keep the long Barlow from striking and damaging your mirror.



Do's and Don'ts

Do:

1. *Keep the covers in place whenever storing the diagonal and it will never need disassembly and cleaning.*
2. *Keep the outside clean and store your diagonal in a cool, dust free environment.*
3. *Avoiding dropping the diagonal, shaking it or striking it against any object.*
4. *Ignore dust that will accumulate on the mirror. A little dust will have no effect.*
5. *Blow off the dust periodically using a dry, bulb syringe.*
6. *Seat it firmly in the focuser so it is square and be sure to use the lock screws to hold it in place.*
7. *Slight residual stains or dust spots will have no effect on the image. If the diagonal is mishandled and cleaning is needed, use only a soft and completely clean lens cleaning cloth following the instructions below. **This may never be required!***

A. Only disassemble if it is really needed as this will void the warranty if still in effect. Hold the diagonal with the rear facing upward and keep it in this orientation. Unscrew the rear plate. Remove the mirror. The four tabs and plates in front of the mirror may fall out when you remove the mirror. If this happens, first replace the four small brass plates and then the rubber tabs back into the four recesses in the corners before replacing the mirror.

B. Hold the mirror by the edges and do not touch the surface. Remove the loose dust from the surface with air from a bulb syringe. Do not blow on the surface as your breath contains moisture. Apply reagent grade acetone to the cloth. Gently and very slowly draw the cloth across the mirror. Do not apply too much pressure when wiping the surface or you will scratch the mirror or coating. Follow precautions necessary when using acetone. Be advised that in cleaning the mirror, you will not end up with a pristine surface. Some residual streaks will probably remain.