Yoders Laser Spotter Mount

The Yoders Laser Finder is an inexpensive finder that is ideal for anyone who is tired of fidgeting with typical finders, or performing gymnastic moves to get positioned to utilize normal finderscope or red-dot finders.
The mount is compatible with Vixen Style Dovetail Mounting base if you already have this on your Optical Tube Assembly. You can also purchase a Mount Base Plate if you need a mount for this unit.

- Laser Finder with Mount (Compatible with Vixen Style Dovetail Mounting base) = $45.00
- Mount Base Plate (Specify aperture size of your telescope) = $7.00
- Shipping and Handling = $10.00
- Optional Low Temp Energizer 123 Battery (EL123AP) = $5.00

• **Great Price** - Less expensive than most other laser finders.
• **Tool Free Installation** - Does not require a standard mounting bracket, the "magnetic mount" is a set of rare earth magnets that are attached to your telescope with double sided mounting tape.
• **Easy Adjustments** – Tool free adjustments, just twist the knobs on the laser to aim the laser, no need to coordinate screws adjustments associated with brackets.
• **Easy Removal** – Slide forward to separate the mount from the base.
• **Sharable** – Get base to add to another telescope and easily transfer the finder between telescopes. (re-alignment with primary scope will be required).
• **PigTail Switch** – Ensures laser is only on when you need it and does not disturb astrophotographers.

Limitations and Considerations

- Laser utilizes a CR123A battery and many of these don't do well in the cold over extended periods of time. If you are in a cold climate you may want to consider purchasing Energizer 123 (EL123AP) batteries with operating temperatures of -40°F to 140°F.
- PigTail Switch – Repeated use of the pigtail switch may eventually ware this component down. If you find the laser does not turn on when using the pigtail change to the push button switch to see if this fixes the issue.
- If you are utilizing the optional base to attach the Laser to the telescope, make sure to remove the laser with mount (it slides off the base) between viewing sessions because the slow tug of gravity may eventually pull the base off the OTA if the laser is left attached over long periods of time. This is by design since this type of tape will not permanently attach to the OTA making it easier to remove the base from the OTA at a later date if you decide to move the base to a different OTA at a later date.
- Temperature kills – The material used to create this product does not handle extreme heat very well make sure not to store this in an area where heat may warp the product.

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Installation is Easy

If you are using the Mount Base Plate, follow these simple instructions:

- **Slide the Mount onto the Mount Base Plate**: align the rails on the base plate with the slot on the mount and slide the mount into position.
- **Clean the Telescope Surface**: Decide where you want to place the finder on the telescope and clean the surface of the telescope where you will mount it.
- **Find a Suitable Target**: Using a low power eyepiece in the telescope, identify and center the target in the main telescope.
- **Position and Attach**: Turn on the finder and carefully place it on the telescope while making sure the laser dot is close to the identified target. Firmly press it on the telescope.
- **Fine Tune Alignment**: Ensure the target is still centered in the telescope and make adjustments of the laser using the adjustment nobs to aim the laser at the target.

Recommendations

- If you use the Mount Base Plate to hold the finder, Remove the finder when you will not be using the telescope for extended periods. Although the sticky tape on the base plate is rated to hold 35lbs, the prolonged pull of gravity if the finder is not on the top of the scope might cause the tape to slowly detach from the telescope.
- Alignment Procedure – Use a low power eyepiece when aligning your laser to the telescope to ensure you have a large field of view.
- Re-alignment: While the finder will not maintain exact alignment when it is removed and place back on the telescope it should be pretty close and easily adjusted.