

Manual for the EF-508 Correct View finder

Part Names

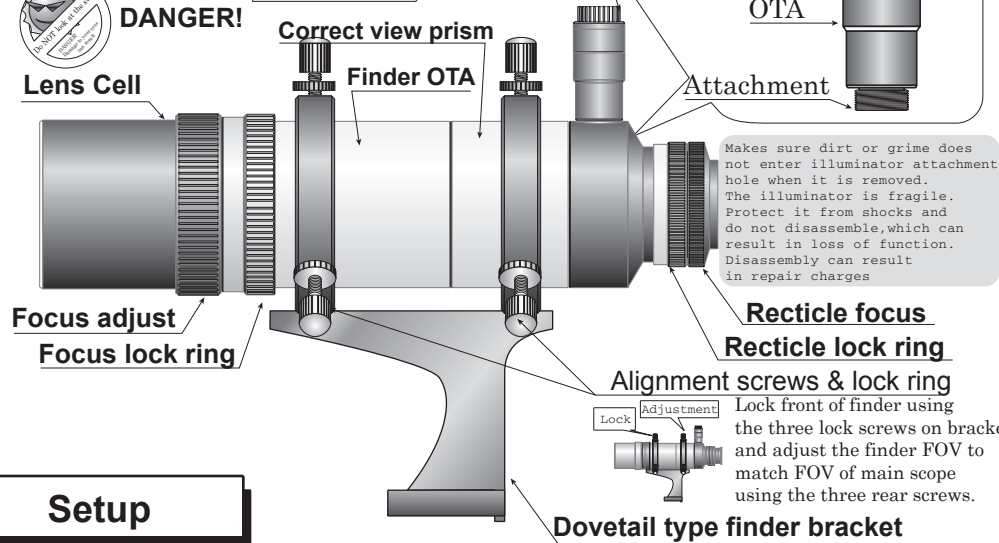
Using the illuminator
If LED does not light up
when dial is turned, please
change the batteries. Use
two LR41 batteries

Do not remove prism from finder!
Grime entry and collimations
errors can result

**Do NOT point toward
the sun. Damage to
your eyes can result**



DANGER!

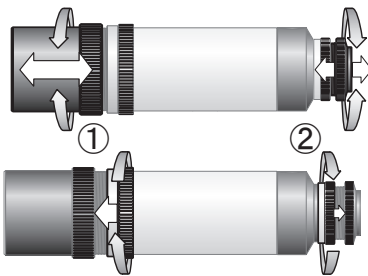


Setup

① Focus finder.

Find a distant object in FOV,
rotate objective lens until object comes to focus.
Rotate lock ring to lock focus position

Focus on objects of at least 2km distance (or, preferably, a star)

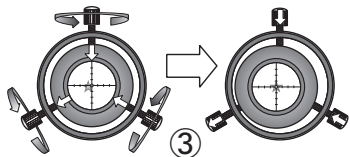


② Focusing the reticle.

Rotate Retical focus ring until reticle image is sharp
Rotate lock ring to lock focus position when reticle is sharply imaged.

③ Aligning to your telescope.

Center a star in your main telescope and adjust the three alignment screws to center same star in the finder's crosshair



Warning

On/off switch and brightness adjust

Do NOT rotate this part

Forced rotation will create a short, incurring repair fees

Remove a battery sheet first

LR41 battery

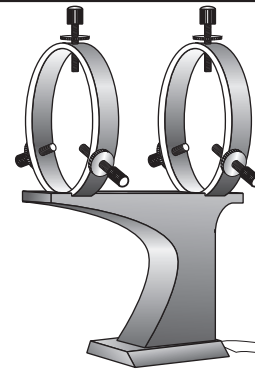
battery holder

OTA

Attachment

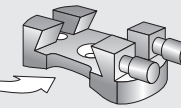
Makes sure dirt or grime does not enter illuminator attachment hole when it is removed. The illuminator is fragile. Protect it from shocks and do not disassemble, which can result in loss of function. Disassembly can result in repair charges

System configuration



Baader Standard Clamp

for SCT, and all telescope

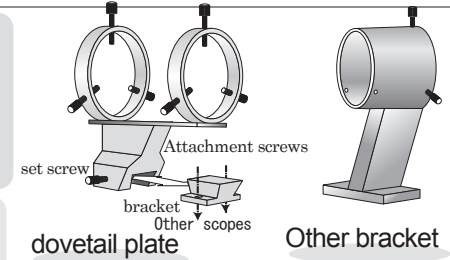


VIXEN type bracket and Long leg bracket

Standard dovetail plate SYNTA telescopes

VIXEN type finder mount

Compatible finder brackets



dovetail plate

Other bracket

Attach with two flat head screws. Be sure that bracket fits perpendicular to main telescope axis. Be sure that attachment bolt heads does not protrude above plate

Compatible with SCT finder attachment holes. Nexstar OK as well

Adaptable to all model Synta telescopes.

Adaptable to all model Vixen and Synta telescopes.

Can use in place of Losmandy, Vixen, TAK and Televue 50mm finders

Specifications

System specs subject to change without notice. Proper attachment is the responsibility of the user. The EF-508 is a precision instrument. Protect it from grime, dust, dampness, heat etc to insure long lasting performance

| | |
|-----------------------|--------------------------------------|
| Objective lens | multicoated |
| Effective aperture | φ 48mm |
| Correct view prism | Pechan prism |
| Eyepiece lens | Multicoated Kelner |
| Eye relief | 18mm, with rubber eyeguard |
| magnification and FOV | 8X, actual FOV 7° , apparent FOV 56° |
| Focuser | rotating helicoid focus |

| | |
|---------------------|---|
| Lens cell, tube OD | Lens cell φ 60mm/ tube 55mm |
| OTA/ bracket weight | OTA 520g / bracket 320g |
| illuminator OD | φ 12mm, length 35mm(when in use) |
| Illuminator power | LR41 alkaline button battery x 2 |
| | Standard finder bracket |
| Bracket dimension | width 60 x depth 36 x height 23mm(horizontal) |
| Attachment screws | M5 machine head screws recommended, on 28 to 41mm centers |
| Attachment foot | hole size φ 5.3mm/head size φ 8.5mm, bevel 4.4mm |

Usage warnings

Thank you for your purchase of EF-508. Please contact us with any questions regarding use. We also carry many additional products and look forward to hearing from you. Thank you for choosing Kokusai Kohki with your finder purchase.

- Never point at the sun or other very bright light sources. Doing so can result in loss of eyesight or fire damage, etc. When observing the sun, be sure to use AstroSolar solar filters also available from Kokusai Kohki to insure always safe observation.
- Do not disassemble or otherwise tamper with this finder. Repair of any resulting damage will incur repair fees.
- Grime and dirt on the objective or eyepiece lens should be cleaned off with a blower or lens cleaner. Do not disassemble lenses when cleaning.
- Clean the finder by wiping it lightly with a soft cloth. Using cleaners may result in damage to the finder so refrain from using them.
- Be sure that all screws and lock rings etc are firmly locked in place during use.



Kokusai Kohki (KK Magellan)

Ouno Cho 7-7, Kamikatsura, Nishikyo Ku, Kyoto 615-8215 JAPAN
TEL: +81-75-394-2625 FAX: +81-75-394-2612 Email: magellan@kkohki.com