

70/400
REFRACTOR TELESCOPE

MY-TW0014A | Assembly & use

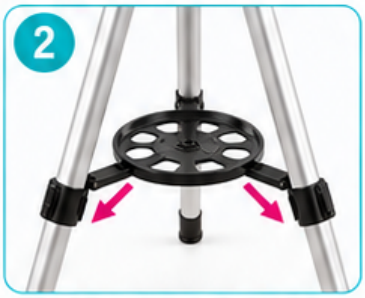
EYE SAFETY

Never look at the Sun through the telescope or finder scope. This can cause immediate, permanent eye damage. Do not use an unverified solar filter or the optional film accessory for solar viewing. Children must use the telescope with adult supervision.

ASSEMBLE YOUR TELESCOPE



Open the tripod legs. Extend to the desired height and lock the leg clamps.



Fit the accessory tray and spread the legs securely on level ground.



Align the optical tube mounting hole with the tripod head screw. Tighten the fixing screw.



Fit the finder scope to its mounting bracket.



Insert the diagonal into the rear of the optical tube. Gently tighten its retaining screw.



Insert the 25 mm eyepiece into the diagonal. Gently tighten the retaining screw.



Remove the front lens cap. Point at a distant object away from the Sun and turn the focus control until the image is sharp.

CHANGE MAGNIFICATION

Start with the 25 mm eyepiece for a wider view. Change to the 10 mm eyepiece for greater magnification and refocus.

For the 3× Barlow lens: remove the eyepiece, insert the Barlow into the diagonal and secure it. Insert the eyepiece into the Barlow, secure it and refocus.

25 mm eyepiece:	16x
With 3× Barlow:	48x
10 mm eyepiece:	40x
With 3× Barlow:	120x

OPTIONAL PHONE HOLDER



Fit the holder around the eyepiece and secure its adjustment screw. Mount the phone and align its camera lens with the eyepiece opening. Fit the eyepiece assembly into the diagonal and tighten carefully. Keep the tripod stable.

SPECIFICATIONS

Aperture:	70 mm
Focal length:	400 mm
Focal ratio:	f/5.7
Eyepieces:	25 mm and 10 mm
Barlow:	3×
Finder:	5×24
Tripod height:	approximately 45–135 cm.

Keep these instructions for future reference.