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Quick set-up guide for:
Model #21062 – AstroMaster 70EQ
Model #21064 – AstroMaster 90EQ
Model #21069 – AstroMaster 90EQ-MD

Questions or Problems with Set-up?
CONTACT: Celestron Technical Support:
310.803.5955

Quick Set-up Guide

1

Your AstroMaster 70EQ/90EQ includes: optical tube w/ built-on StarPointer finderscope, tripod with center support bracket, equatorial mount, two eyepieces, two counterweights, counterweight bar, two slow motion cables, erect image diagonal, accessory tray, battery, owner's manual, and The Sky™ CD Software.

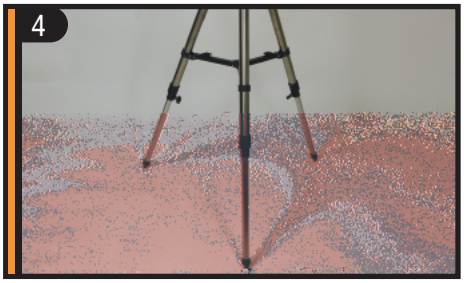
2

To set up the tripod, spread the legs outward until they are fully extended. Extend the center portion of each of the three tripod legs down 6-12".

3

Use the three tightening screws located at the bottom of each leg to secure the extended legs in place.

4

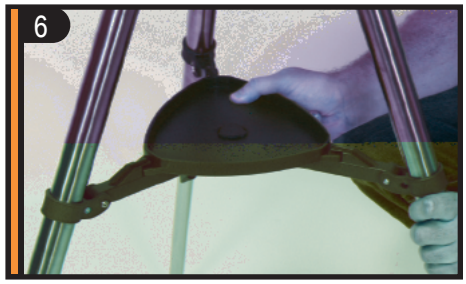


All three legs should be the same length to provide a level platform for the telescope.

5

To attach the accessory tray, line up notches and turn clockwise until tray tabs lock into place with the tripod brackets.

6



Properly assembled, the accessory tray should appear as pictured above.

7

Locate the equatorial mount and place the base of the mount through the hole in the center of the tripod mounting platform.

8

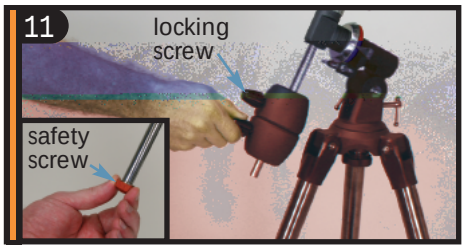
From underneath the tripod mounting platform, thread the mounting nut into the threaded hole on the bottom of the equatorial mount.

9

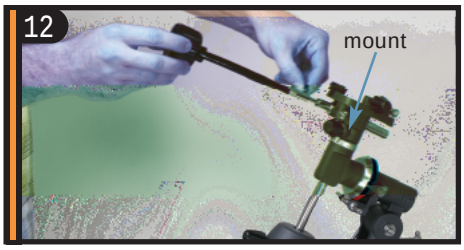
Thread the latitude adjustment screw into the equatorial mount until the screw is touching the inside of the mount.

Quick Set-up Guide [cont]

Tighten the threaded end of the counterweight bar into the declination axis of the equatorial mount.

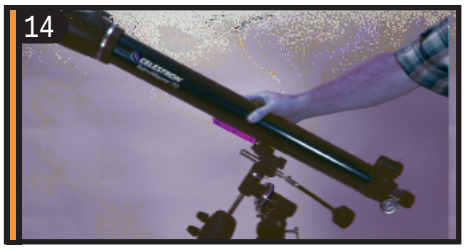


Remove safety screw from the end of the counterweight bar. Slide the counterweights half way up the bar and tighten the locking screw to secure in place. Replace safety screw.

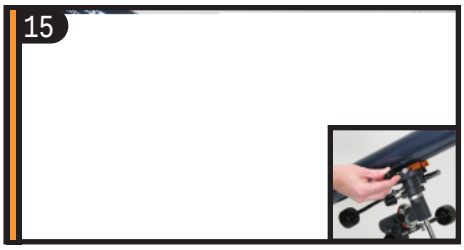


Slide the chrome end of the slow motion control cable onto declination axis gear shaft.

The other cable attaches to the R.A. axis gear shaft.

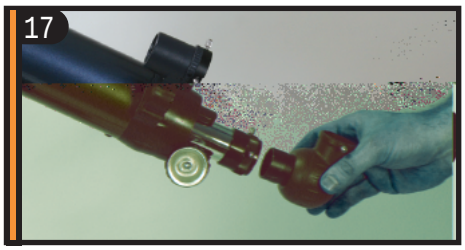


Place the telescope tube on the equatorial mount so that the tube is facing forward as pictured above.

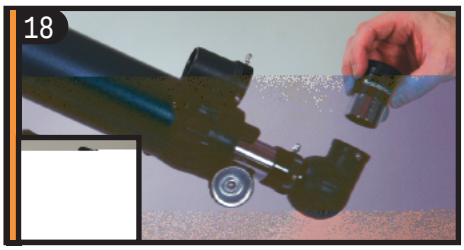


Center dovetail in the mount and tighten fastening screw. For added security tighten the angled lock down screw next to the fastening screw.

Loosen the set screw on the focuser. Remove the plastic cap covering the end of the focuser.

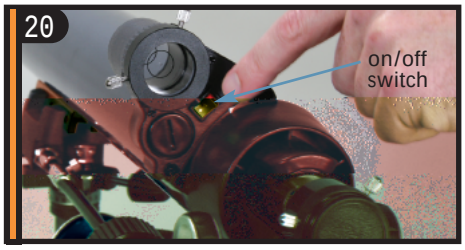


Insert the diagonal into the focuser and tighten the set screw.



Insert the chrome barrel of the 20mm eyepiece into the diagonal and tighten the set screw.

Unscrew battery cover for the StarPointer finderscope. Insert battery with "+" side facing out.



Replace battery cover and tighten. For longer battery life be sure to turn off finderscope when not in use.

Remove the lens cap from the front of the telescope. To observe, look through the eyepiece as shown above.

For detailed usage information please consult your owner's manual.

WARNING: Never attempt to view the sun through any telescope without proper filtering!