



ITEM: #11076

SKYPRODIGY™ 6

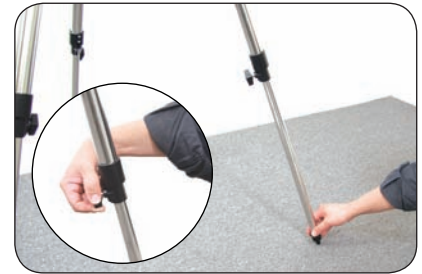
QUICK SET-UP GUIDE



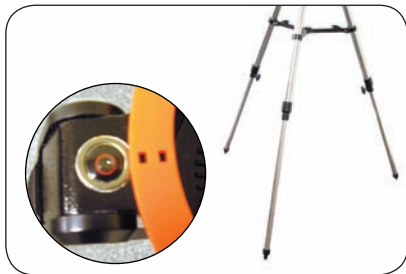
1 Your SkyProdigy includes: optical tube; fork arm, pre-assembled tripod, Computerized Hand Control, hand control holder, star diagonal, two eyepieces, StarPointer finderscope, accessory tray, battery holder, documentation, including an owner's manual, and The SkyX First Light Edition astronomy software.



2 Assemble tripod by spreading the legs out until the center leg brace is fully extended.



3 Extend tripod legs 6 to 8 inches by loosening the tripod leg locking knob, pulling the leg to desired length and retightening knob.



4 All three legs should be the same length to provide a level platform for the telescope. A bubble level is included (inset) to assist in leveling.



5 Place accessory tray on top of center leg brace by lining up the grooves on the tray to the post on the brace.



6 Once grooves are aligned, turn accessory tray until it snaps into clips on each leg brace.



7 Hold the telescope fork arm and place the bottom of the base inside the tripod mounting platform as shown.



8 Thread the coupling screw into the hole at the bottom of the fork arm base. Tighten screw to secure the fork arm.



9 Rotate the tube clamp so that the camera is pointed straight up.



10 Slide the mounting bracket into the tube clamp until it touches the positioning stop at the end. Tighten the locking screw to secure the tube in place, making sure that the bottom of the mounting bracket is flush against the inside of the clamp.



11 Slide StarPointer finderscope onto mounting platform as shown above. Tighten screws located on side of StarPointer to secure



12 Insert the barrel of the diagonal in to the visual back as shown above. Tighten thumbscrew to secure.



13 Select the low power (25 mm) eyepiece and insert as shown above. Tighten silver screw to secure.



14 Attach plastic hand control holder to the tripod leg.



15 Slide Computerized Hand Control into the hand control holder as shown above.



16 Plug Computerized Hand Control into the "Hand Control" port on the fork arm base.



17 Before you can use your telescope, you must insert eight D-size batteries into the battery holder.



18 Plug the barrel connector of the battery compartment into the power outlet on the fork arm.



19 Before you begin viewing, please remember to remove tube lens cap.



20 While observing, tube should be positioned as shown above.

Before you can begin observing, you must set-up your Computerized Hand Control and align your telescope. Step by step instructions are included in the following Hand Control Setup section.



Computerized Hand Control

In order for the SkyProdigy to accurately point to objects in the sky, it must first align itself with known positions (stars) in the sky. With this information the telescope can create a model of the sky, which it uses to locate any object in its database.



1 Set up your telescope in an outdoor location away from large trees and buildings that may obstruct SkyProdigy's view of the sky.



2 Face the front of the telescope towards an open area of the sky that has a clear horizon to the right (clockwise) of its starting position. Remove lens cap from camera.



3 Turn power switch (located on the side of the telescope fork arm) to the "on" position. The LCD display will display "SkyProdigy Ready."



4 Press the ALIGN button on the Computerized Hand Control to begin the alignment process.



5 SkyProdigy will automatically move to its "home position" and begin image modeling* the sky.



6 Once SkyProdigy has begun its alignment process, it is important not to touch or move the telescope in any way. Also, while image modeling*, do not obstruct, cover or shine light into the camera lens located on the fork arm of the mount.



7 Once it has identified a positive match, the Computerized Hand Control will display "Solved."



8 SkyProdigy will then move to a different position in the sky and repeat the process until three images are successfully acquired. The Computerized Hand Control will display "Alignment Complete" when finished.



9 Now that your telescope is properly aligned, you are ready to find your first object. Press the SKY TOUR button on the Computerized Hand Control. The hand control will display a list of objects that are visible from your current location.



10 Press the OBJECT INFO button to read information about the object displayed. Press the DOWN Scroll button to display the next object on the tour. Press ENTER to slew (move) the telescope to the displayed object.



*Celestron's SkyProdigy telescope uses an integrated imaging camera and patented StarSense Technology to automatically align itself with the night sky and determine where the telescope is currently pointing. The camera automatically captures an image of the sky, which is processed internally to positively identify the stars in the image. Once a positive match is found, SkyProdigy determines the coordinates of the center of the captured image. The process is automatically repeated two more times so that the system has three known alignment points that can be used to make an accurate model of the night sky. From this information the user can select any celestial object in the hand controller's database, and SkyProdigy will automatically move itself to the correct position.

*SkyProdigy's internal camera does not have an external output allowing users to view or save the captured images. Captured images are used internally solely for the purpose of self-aligning the SkyProdigy telescope.

For general usage information, please consult your user's manual.

If you have questions or problems with set-up, please contact
Celestron Technical Support: 310-803-5955

Designed and intended for those 13 years of age and older.

