

# 16 Inch LX200GPS Checklist

## **Start Up**

- ✓ Remove the main objective and finder scope covers.
- ✓ Press any button key on the hand controller to wake the telescope from sleep mode. The power light at the base of the telescope should no longer blink.
- ✓ Turn on the computer and display if not already on and log in as the appropriate user.
- ✓ Start up TheSky software either through the desktop icon or by Start Menu -> TheSky.
- ✓ Once TheSky has started, establish a link with the telescope by selecting the green telescope ' play' button or by Telescope | Link | Establish. A white cross hair mark should appear at the center of the screen where the telescope is currently pointing.
- ✓ The telescope is now ready to go.

## **Using TheSky**

- ✓ On the screen, the red bullseye marks the last position selected with the mouse and the white cross hairs shows the current position of the telescope. TheSky is setup to always keep the white cross hairs on the screen.
- ✓ To place an object in view, find the object in TheSky either by pressing the ' F' key, selecting Edit | Find..., or by clicking on the Sherlock Holmes icon. Once the correct object is selected, an object information window will appear.
- ✓ To slew the telescope to the currently selected object, click on the green telescope ' play' button located on the bottom left of the ' Object Information' window. The telescope will slew to this position and beep once it is finished.

## **Shut Down**

- ✓ To shut down the telescope, first disconnect TheSky from the telescope by pressing the red telescope ' stop' button or by selecting Telescope | Link | Terminate. It is now safe to close TheSky.
- ✓ Using the hand controller, slew the telescope to  $HA = 0^h$  and  $\delta = +30^\circ$ .
- ✓ From the ' Utilities' menu, choose ' Sleep Scope' to put the telescope to sleep. The power light on the base of the telescope should now blink.
- ✓ Replace the main objective and finder scope covers.
- ✓ Rotate the dome such that the slit is facing East and close the shutters.
- ✓ The telescope has been safely shut down.