

MAPPING WITH POINTXP

GUIDE STAR ALIGNMENT USING CDC

1. On the left monitor, start the Cartes Du Ciel planetary program and establish a telescope connection by clicking on Telescope/Control Panel/Connect. A virtual handpad will open. Drag the virtual handpad to the middle monitor.
2. On the virtual handpad's Scope tab, click the 'PointXP Telescope Model' button. This will take you to the window to clear all INIT points. Click 'Clear Terms & Cal Stars' and then 'Okay'.
3. Using the virtual hand pad click on the **GO/TO SYNC** tab located on the right edge of the hand pad.
4. Click the **STAR** button. When the menu appears, click on the star of your choice. Using the **physical** hand pad, move the telescope to the first star. Unpark the telescope if necessary to initiate telescope movement (Scope tab/Unprk). Once it is centred in the 4shooter eyepiece, click **SYNC** on the virtual hand pad. A window labeled INIT POINT will appear. Ignore any warning windows that appear.
5. The **SIMPLE OFFSET INIT** button will count down.
6. On the Cartes Du Ciel screen, GoTo another star. Centre the star up in the 4shooter eyepiece, right click the star, then click Telescope/Sync. When the INIT POINT screen comes up, click **LOAD CAL STAR #1**. Let it count down. If necessary re-centre the star and press **RELOAD CAL STAR #1**. Click **OK**. The INIT POINT window will disappear.
7. For the second and subsequent star(s), select and centre the star up in the 4shooter eyepiece, and then click **LOAD CAL STAR #2 (or 3 or more)**. Allow the button to count down and then click **OK**. When the INIT POINT window disappears, the telescope is now initialized for Go-To operation. The number of guide stars you use will determine how accurate the GoTo function will be.
8. When done observing, redefine the park position.
9. Using the physical hand pad, move the telescope to a convenient park location.
10. On the virtual hand pad, click **STOP** and then click the **Setprk** button on the Scope tab.
11. Click the **Prk** button.