

GOTO Procedure After One Star Calibration.

(This procedure can be used whenever one uses the scope for the first time and have gone through the powering up procedure.

Note: it will not work if the one star calibration has been lost).

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1. Press M button to get to the Object menu (COORD CAT LIST).
2. Select CAT with F2.
3. Select CATLG with F1.
4. Step through available catalogues by repeatedly pressing F1. They are DREYER NGC/IC. MESSIER. CALDWELL. COLLINDER (star clusters). MISC DEEPSKY. CAL STARS. YALEBRIGHTSTAR.
5. When you have right catalogue select OBJ with F2.
6. Use the keyboard to enter the catalogue number of the object. This will either be the known NGC number or IC or Messier etc. The star catalogue number list is pinned up on the wall next to the computer. Then press E for enter. A full screen of data about the object will appear.
7. Select GOTO with F1. THE TELESCOPE WILL START TO MOVE. **CHECK THAT IT WILL NOT HIT THE DOME.**
8. ABORT a GOTO in progress at any time by pressing any of the four telescope direction buttons.
9. When the GOTO has finished the handset will BEEP and the menu will change to SYNC NEXT ADD STEP. You can centre the object by the telescope movement buttons on the telescope hand paddle and press SYNC to refine the telescope calibration.

NOTE: you can also enter the RA and DEC directly if you know them. From the OBJECT menu select COORD, F1. then OBJ. F1 and use the keyboard to enter the values. Press E to enter values or C to cancel. If the coordinates are valid it will start the GOTO as before.

NOTE: if you do not know the RA and DEC, you can open up STARRY NIGHT software from the desk top and point to the object on the screen and the RA and DEC coordinates will show up. Select 'Slew To' and the telescope will then start the GOTO as before.

NOTE: all coordinates entered get added to the LIST and can be fetched at any time for use in further GOTO's by selecting PREV when it appears.