

Two Star Calibration Procedure IHV1.7

Sheet 1 of 1

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First Star Setup

1. If at power up the intelligent handset is un-calibrated follow the One Star Calibration Procedure.
2. If already calibrated use the GOTO procedure to get to the first star and press 'SYNC' when the star has been centred using the illuminated reticule eyepiece.

Second Star Setup

3. Starting from the default menu screen get to the CATLG OBJ FILTR FIX screen.
4. Select The CAL STARS catalogue. Press OBJ (F2) to select the second star. The second star should be at least 40° away in RA and DEC and in the same eastern or western hemisphere.
5. Enter number of the 2nd star from the star list pinned up by the computer then press 'E'. GOTO ADD NEXT STEP should appear.

Two Star Alignment Procedure.

6. Jot down RA & DEC readings.
7. Now press GOTO, (The scope will now move to somewhere near the chosen second star). The hand Controller will beep twice when this operation is completed).
8. Center the star with telescope hand padle and the reticule eyepiece.
9. If the hand controller has not changed to GUIDE CENTRE MOVE SLEW, press 'C' button to get there.
10. Now press 'M' key until you get CAL1, CAL2 CAL3. Press CAL2 (F2).
11. The Sub-menu PREV (F4) appears. Cycle through PREV list until you get to the RA & DEC coordinates you jotted down and check against what you jotted down previously.
12. Then press the 'E' key to enter. (Calibration is now complete). The controller will show polar alignment error readings COEFF M-EL M-AZ.
13. Press 'C' to return to GUIDE CNTR MOVE SLEW.