

## INSTRUCTIONS

Orient COMPASS (A) so that the blue part of the needle lines up with the letter "N" on compass dial. This faces OBJECTIVE (FRONT) LENS of the telescope (B) in the direction of magnetic north. Lift telescope and turn base until INDICATOR (D) lines up with "O" (zero) on DIRECTION DIAL (E). Locate North Star in the sky and turn telescope until North Star appears in your field of view. Now your instrument is pointed in the direction of the meridian. (If you observe even if stars are not visible from the same location you can orient your telescope in the direction of the meridian merely by lining up compass and turning it to the same reading on the direction dial that you obtained when you located the North Star in your field of view.)

The DIAL (F) on the bar which supports the telescope on the tripod post is an elevation dial. The POINTER (G) on this dial indicates the angle of the telescope. In group observation each person should be assigned a specific area of observation. When an observer locates the earth satellite in his field of view, he reports the direction of observation and the angle of elevation of his telescope. Information of both readings will enable other observers to locate the earth satellite with their telescopes.

Your satellite tracker has been designed as a portable instrument. If you wish to obtain the most satisfactory results. You may mount your instrument permanently. 4 screwholes are provided in the base of the telescope for this purpose. Follow the orientation directions given with care when mounting telescope.

