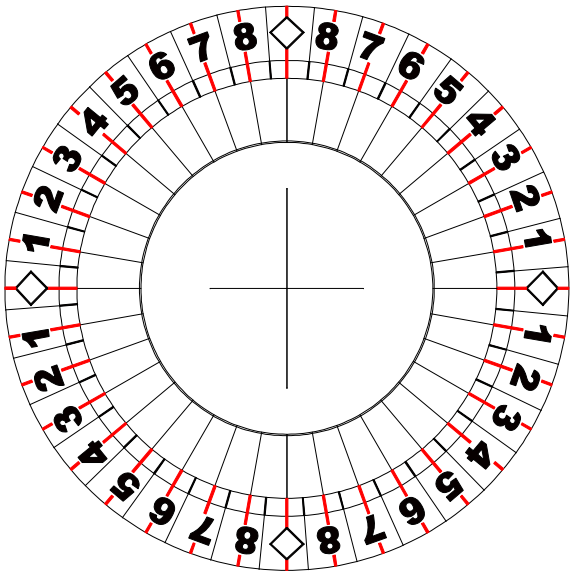
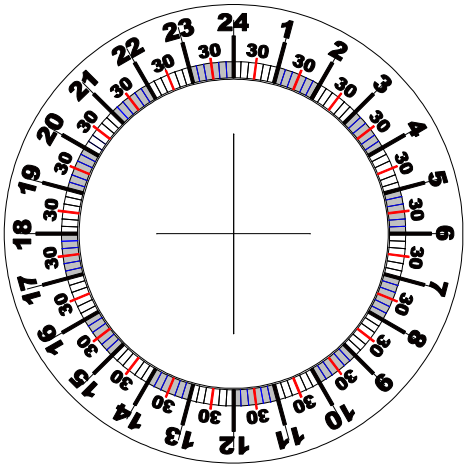


DEC SETTING CIRCLE

Note - each number represents 10°.



RA SETTING CIRCLE

Made by:
WP4NAL@GMAIL.COM

Clear skies!

MAKING THE SETTING CIRCLES

1. Print using photopaper or heavy paper.
2. Place Transparent Contact Paper or Mailing tape on both sides before cutting, to protect from humidity.
3. Cut exterior circle first using sissors.
4. Cut interior circle using sharp Xacto knife.
5. Glue the circle to a piece of heavy cardboard or foam board (prefered) and carefully cut and remove the circles from the board.

MADE FOR iOptron Skyguider Pro

INSTALLING THE SETTING CIRCLES

1. Install the setting circles to the mount.
2. Install pointers for the setting circles to the mount:
   RA - a large needle or a small pin or nail taped to the polar axis scope body or the iPolar back plate (if the iPolar is installed)
   DEC - place a piece of tape on the side of the declination bracket and make a small line with a pen.

USING THE SETTING CIRCLES

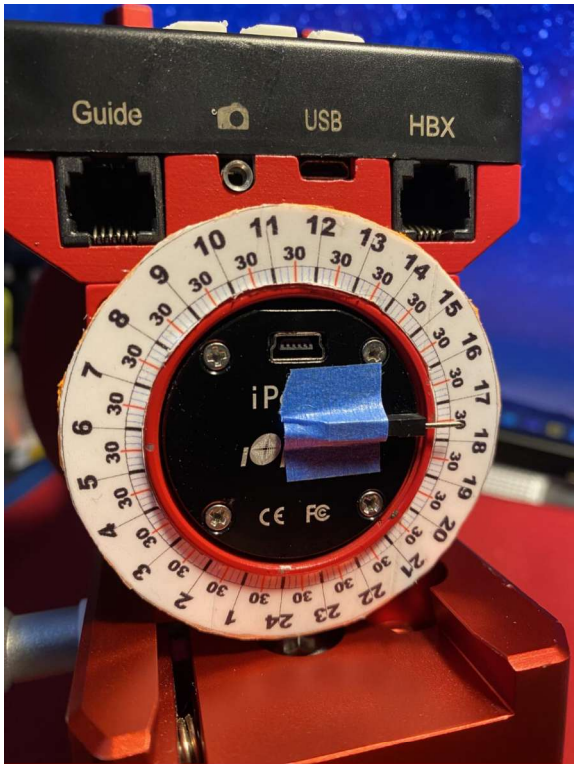
1. Point to a clear area in the sky.
2. Take an image with your camera (telescope) and PLATESOLVE using ASIStudio. Write the RA and DEC coordinates on your notebook.
   You only need the first two (hour and minutes in RA and degrees and minutes in DEC). E x a m p l e:

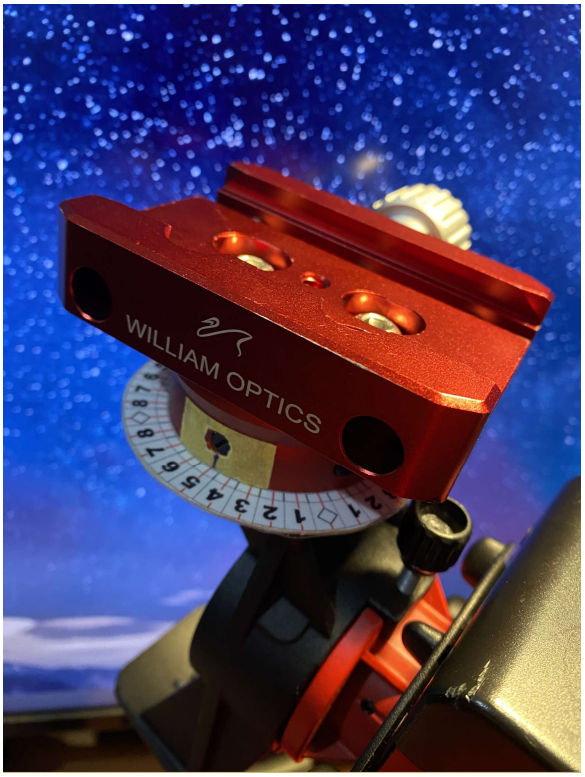
   RA 12h 03m 23s | Dec +43° 10' 23"
   12h 03m | +43° 10' ⟵ write this

3. Now ROTATE the setting circles so they match as close possible the coordinates you PLATESOLVED.
4. Google the coordinates of the object you want to "goto".

   M51 - RA 13h 29m 53s | Dec +47° 11' 43"
   13h 29m | +47° 11' ⟵ write this

5. Rotate the telescope to the new position matching the pointers (as close as you can) with the coordinates in the scales of the setting circles.
6. Take an image with your camera (telescope) and PLATESOLVE using ASIStudio. Write the RA and DEC. ANOTATE with ASIStudio to see if the object is in the FOW. The object will be in the field of view or VERY CLOSE to it.
7. Move the telescope SLOWLY to match the coordinates PLATESOLVED with ASIStudio. PLATESOLVE to see your improvement. Move the scope back if you went too far. ANOTATE with ASIStudio to center the object in the FOW.


Guide
USB
HBX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