

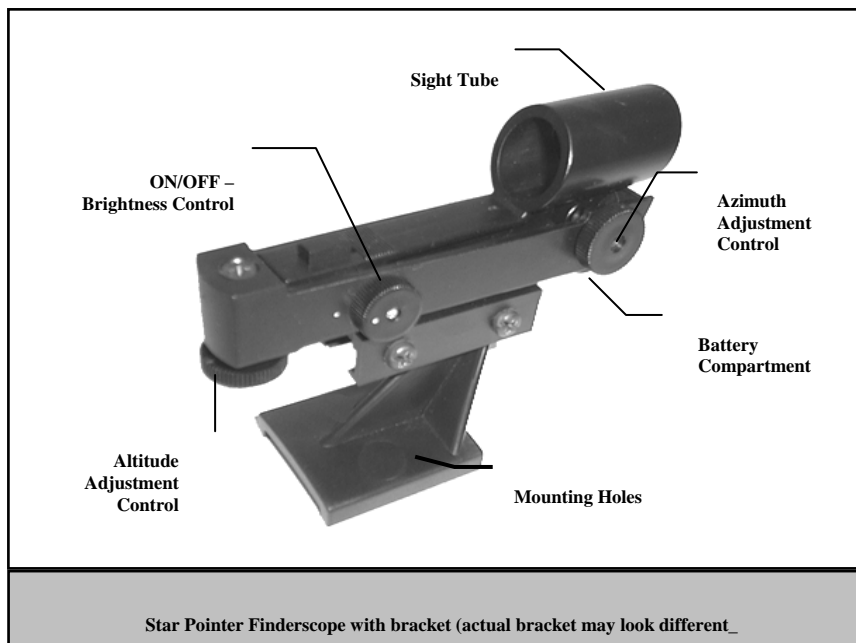
# Instruction Manual Addendum for # 21036

This addendum includes information on two changes which apply to Model # 21036-WM

- Replacement of the 5x24 Finderscope to a deluxe Finderscope called the Celestron Star Pointer. The Star Pointer is the quickest and easiest way to point your telescope exactly at a desired object in the sky. It's like having a laser pointer that you can shine directly onto the night sky. The Star Pointer is a zero magnification pointing tool that uses a coated glass window to superimpose the image of a small red dot onto the night sky. While keeping both eyes open when looking through the Star Pointer, simply move your telescope until the red dot, seen through the Star Pointer, merges with the object as seen with your unaided eye. The red dot is produced by a light-emitting diode (LED).
- The inclusion of an additional eyepiece – 10mm. This gives you two additional powers with your telescope – 70mm and 210 (using the Barlow Lens).

## Installing the Star Pointer Finderscope

The Star Pointer comes equipped with a variable brightness control, two axes alignment control and mounting bracket. Before the Star Pointer is ready to be used, it must be attached to the telescope tube and properly aligned.



1. Remove the knurled nuts on the threaded posts on the optical tube (see Figure 2-17 in the instruction manual).
2. Mount the Star Pointer by placing the holes in the bracket over the posts protruding from the optical tube and then holding it in place thread on the knurled nuts and tighten them down.
3. Note that the Star Pointer should be oriented so that the Sight Tube is facing toward the front of the optical tube.

## Star Pointer Operation

The Star Pointer is powered by a long life 3-volt lithium battery (#CR2032) located underneath the front portion of the Star Pointer. Like all finderscopes, the Star Pointer must be properly aligned with the main telescope before it can be used. This is a simple process using the azimuth and altitude control knobs located on the side and bottom of the Star Pointer. The alignment procedure is best done at night since the LED dot will be difficult to see during the day.

1. Before using the StarPointer, you must first remove the protective plastic cover over the battery (see image at left below).
2. To turn on the Star Pointer, rotate the variable brightness control clockwise until you here a "click". To increase the brightness level of the red dot, continue rotating the control knob about 180° until it stops.
3. Locate a bright star or planet and center it in a low power eyepiece in the main telescope.
4. With both eyes open, look through the glass window at the alignment star. If the Star Pointer is perfectly aligned, you will see the red LED dot overlap the alignment star. If the Star Pointer is not aligned, take notice of where the red dot is relative to the bright star.
5. Without moving the main telescope, turn the Star Pointer's azimuth and altitude alignment controls (see image at right below) until the red dot is directly over the alignment object.

If the LED dot is brighter than the alignment star, it may make it difficult to see the star. Turn the brightness control counterclockwise, until the red dot is the same brightness as the alignment star. This will make it easier to get an accurate alignment. The Star Pointer is now ready to be used.

