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## Daytime Use of TV-85 with Bino Vue



Background: We've been asked to find a way to use the 60° Everbrite diagonal with the TV-85 and Bino Vue, because of the great comfort factor of the 60° angle (instead of the 90° angle) for daytime use. The longer path-length and shorter eyepiece holder depth of the 60° diagonal required development of components with shortened path lengths to compensate for use of the 60° diagonal.

You need the following components:

1. 60° diagonal (DPC-6012)
2. Bino-Vue (BVP-2002)
3. 2x amplifier-corrector (BVP-2001)
4. Bino Vue Flat Coupler BVC-0125. This disc replaces the black tube on the Bino Vue that the 2x amplifier-corrector screws into and comes with BVP-2001. (Note: if you purchase the BVP-2002 it consists of: BVB-2003, BVC-0125 and BVP-2001.)
5. Flat top 2" to 1¼" Adapter ACF-2125. This adapter locks into the front tube of the 60° diagonal and is secured with a brass clamp ring.
6. Telescope Balance Aid APB-1008.

If you don't have the APB-1008 already, you must add this to the TV-85 ring mount. It allows the balance point to be shifted forward so that heavy eyepieces or the Bino Vue can be comfortably balanced.



We also highly recommend a set of 24mm Panoptics, which will yield 50x with the Bino Vue and TV-85 or 32mm Plössls yielding 38x. Either eyepiece set gives a 1.3° field of view (68ft @ 1,000-yards).

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