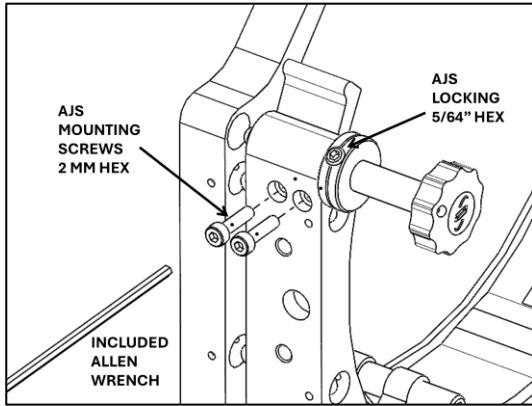


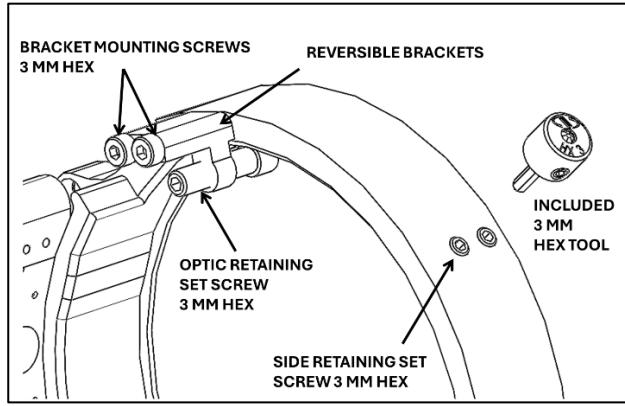
Ultima U500 Quick Start Guide

The U500 ULTIMA® Mount delivers stable, high-precision alignment for 5-inch optics, with rigid plates and stiff springs that maintain long-term positioning and resist vibration. A dedicated mounting plate prevents tipping and allows the mount to be secured to a pedestal(s) using 1/4-20 or M6 screws. This guide covers the different hex tool sizes required for operation and optional left (L/H) or right-hand (R/H) mounting plate configurations.

ADJUSTERS & OPTIC RETENTION

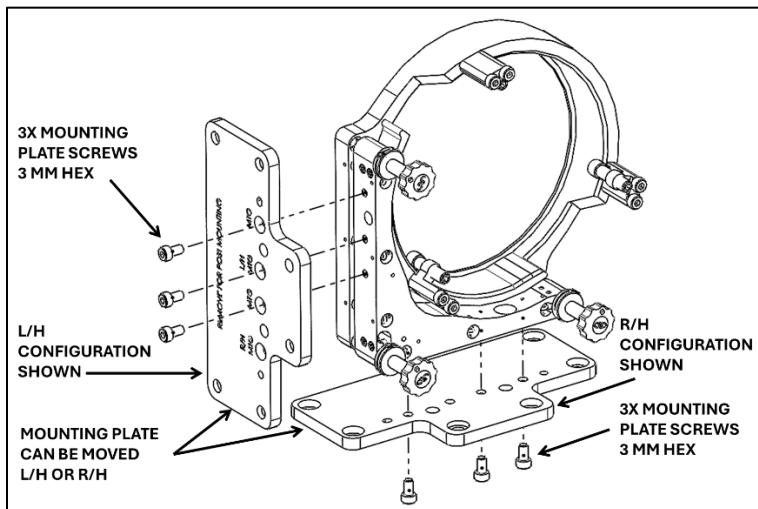


The included 2 mm (5/64") Allen wrench secures the AJS mounting screws and can also be used to engage the AJS flexure lock.



The included 3 mm hex tool fits the optic retaining soft-tip set screws, the side optic retaining screw, and the bracket mounting screws.

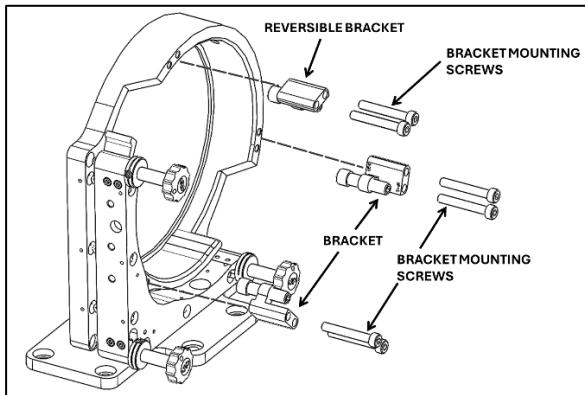
MOUNTING PLATE CONFIGURATION



To switch between left-hand and right-hand configurations, the mounting plate must be repositioned. The figure shows the location of the three screws that need to be removed to make this change (3 mm Allen included with U500-AC model). The plate also needs to be removed when swapping out AJS adjusters.

OPTIC MOUNTING

STEP 1: To mount an optic in the U500, first remove 6 Bracket Mounting Screws and 3 Brackets and set aside.

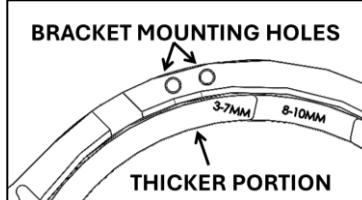
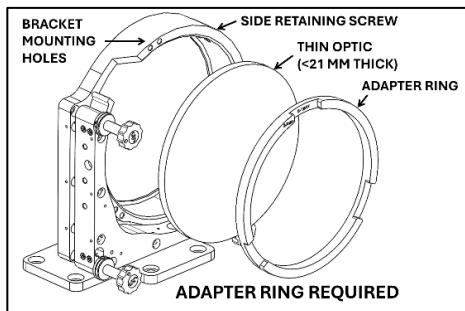


STEP 2: The optic thickness will determine how it is mounted in the U500. In all cases, insert optic (and adapter ring if needed) and lightly finger-tighten the Side Retaining Set Screw which is closest to the center of the optic. If possible, this process should be done horizontally. See the guide below to install adapter and brackets for each optic size.

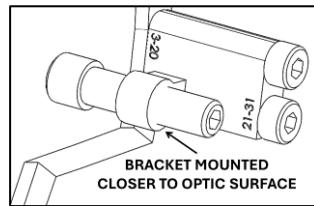
THIN OPTICS:

3 mm – 7 mm Thick

Align **thicker** portion to Mounting Holes

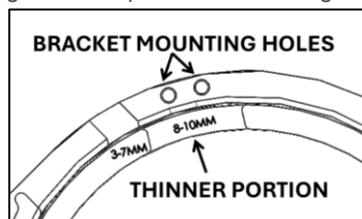


Re-Install Bracket to sit closer to optic

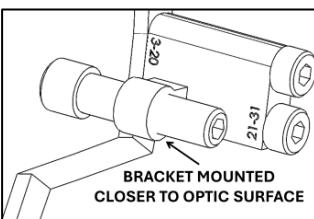


8 mm – 10 mm Thick

Align **thinner** portion to Mounting Holes



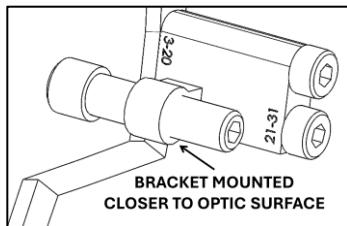
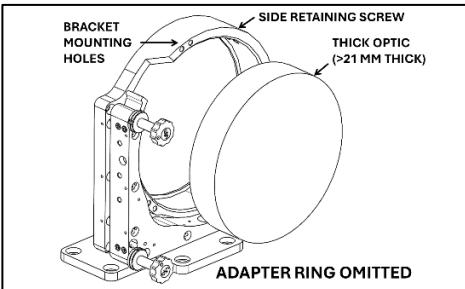
Re-Install Bracket to sit closer to optic



THICK OPTICS:

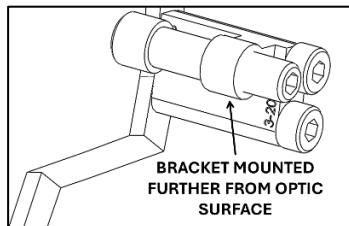
11 mm – 20 mm Thick

Re-Install Bracket to sit closer to optic



21 mm – 31 mm Thick

Re-Install Bracket to sit further from optic



STEP 3: With Brackets re-installed, finger-tighten the Optic Retaining Set Screws with included 3 mm Thum

Quick Start Guide



PART 90108231 REV B