

Honeycomb Alpha and Bravo Mounting Bracket Installation Guide

Note: It is much easier to install if you can work facing down rather than from underneath.

Tools Required

- Hole Punch Awl
- Drill and appropriate drill bits
- Tape (for securing the paper template)
- Ruler or tape measure (for double-checking alignment)

Kit Contents

- 2 x top support brackets (left and right)
- 2 x main mounting brackets (left and right)
- 2 x knobbed retention screws
- 2 x M4 x 20 mm inner replacement screws
- 4 x M4 x 16 mm outer replacement screws
- 1 x paper mounting template
- 1 x Hex Allen wrench 2.5 mm
- 1 x "Remove Before Flight" align tool
- 1 x Install Guide

Note: Mounting hardware is not included. If any parts are missing, contact kurt@kpuas.com before beginning installation.

Installation Instructions

1. Remove Factory Screws Remove the six (6) manufacturer screws from the top of the Honeycomb unit. Set them aside; they will not be reused.
2. Position the Top Brackets Identify the two top brackets: straight edges meet in the center; kpuas logo and slots are on the outer ends; tapered holes face upward. Align each bracket with the mounting holes on top of the unit.

3. Install Replacement Screws (*Bag A*) Use the six (6) supplied M4 screws. The two inner screws are longer (20 mm) than the four outer screws (16 mm). Refer to the specification table below. All values are shown in millimeters (mm).

Location	Hole Depth	Bracket Thickness	Total	Screw Length	Clearance
Inner (2)	18	7	25	20	5
Outer (4)	12	7	19	16	3

4. Position the Template Tape the template on your desk, table, or airplane cockpit. Align the "Front of Desk" line with the leading edge. Tape securely and mark pilot holes with a punch awl. The inner front bracket holes are reserved for the final retaining screw. Dimensions are provided to ensure proper alignment.

5. Drill Pilot Holes Use the correct pilot hole size based on your mounting material. The retention screw hole does not need to be drilled.

6. Install the Brackets Install the front screws first, then the rear screws. Loosely tighten and confirm bracket alignment for both sides using the "Remove Before Flight align tool". Once confirmed, tighten securely.

7. USB-C Cable Clearance-The Honeycomb Alpha requires clearance for its USB-C cable. Right bracket includes a notch for cable relief.

8. Install the Honeycomb Unit Loosen both rear knobs and slide the unit forward into the slots. Loosely tighten the rear support knobs. Next, insert the knobbed retention screws into the inner front holes and snug them down to secure the unit. Securely tighten rear support knobs onto bracket.

Completion

Installation is complete. For alternate mounting surfaces, hole spacing updates, or CAD source revisions, contact kurt@kpuas.com.