



Kestrel[®] Portable Vane Mount

Thank you for purchasing the Kestrel Portable Vane Mount. This accessory is compatible with all Kestrel models, and allows the Kestrel to spin freely into the wind. The Vane Mount was designed for extreme light weight and portability, and assembles in seconds. The included carry pouch protects the Vane Mount pieces, and also comfortably fits a Kestrel Meter.

NK, manufacturer of Kestrel Pocket Weather Meters, is available to answer questions and provide support. Contact NK by phone: 800-784-4221, fax: 610-447-1577, email: techsupport@nkhome.com, or web: www.nkhome.com. Visit our website's Knowledge Center for forums and articles on product care and usage. The Portable Vane Mount is covered by a 5-Year warranty.



Assembling the Vane Mount

The Portable Vane Mount contains four components: a zippered carry pouch, a cup bracket with incorporated level, a boom and a flight.

5) Attach the Vane Mount to your tripod and level your tripod. Spin the Vane Mount knob onto the 1/4-20 mount on your tripod. Slip your Kestrel into the Vane Mount with the display facing the bubble level and the back side of the Kestrel facing the flight and boom. Observing the level on the Vane Mount, carefully adjust your tripod so the Vane Mount is level and rotates freely and evenly.



6) Attach the Kestrel to the Vane Mount. If using the Vane Mount with a Kestrel 4000 series model, simply slip the Kestrel Meter into the cup bracket. The front (screen) side of the Kestrel Meter should be facing the boom. If using a Kestrel 1000-3500 model, use the enclosed velcro cable tie to affix the lanyard so that the Vane Mount can still spin freely:



6a) Slide the Kestrel 1000-3500 model into the cup bracket, and feed the lanyard through the hole in the back. Fit one of the foam pieces from the Vane Mount Kit in the cup bracket to ensure that the Kestrel Meter is firmly secured.



6b) Neatly fold the Kestrel's lanyard and use the velcro cable tie to hold the lanyard tight.



6c) Wrap the cable tie around the front of the cup bracket and secure the lanyard to the cup bracket. It is important to affix the lanyard to the back side of the cup bracket, as this will keep it balanced and allow it to spin freely.



1) Assemble the boom. Unfold the two pieces and stretch the bungee gently, then slide the two pieces together (like a tent pole).



2) Attach the flight to either end of the boom. Grasp the silver bungee end AND the black bungee washer, then pull the bungee out about 1/2 an inch. Drop the bungee into the slot the center of the flight while slipping the boom end into the opening in the center of the flight. Gently rotate the flight on the boom until it "seats" onto the angled end of the boom.



RIGHT



WRONG



3) The assembled flight and boom looks like this.



4) Attach the boom to the cup bracket. Locate the arrow on the inside of the cup bracket base. Insert the boom end in the direction of the arrow all the way through the base of the vane mount. Grasp the silver bungee end AND the black bungee washer, then pull the boom back, stretching the bungee. Drop the bungee into the slot and slip the boom end into the opening near the compass. Gently rotate the boom until the angled end "seats" into the base of the opening.



Logging Data

Depending on which Kestrel 4000 model you are using with your Vane Mount accessory, you may need to adjust your System Settings to ensure logging of wind speed and wind-related functions (air velocity, volume air flow, wind chill, crosswind, headwind/tailwind):

MODEL Kestrel 4200 and 4500

CODE All

No system adjustments are required. Wind Speed and related measurements are automatically stored with all other measurements at any selected interval, even when unit is off.

MODEL Kestrel 4000 and 4100

CODE 4.18 and Higher

No system adjustments are required. Wind Speed and related measurements are automatically stored with all other measurements at any selected interval, even when unit is off.

MODEL Kestrel 4000 and 4100

CODE 4.17 and Lower

Wind Speed and related measurements will NOT be stored when the unit is Off or in the 2 or 5 second automatic storage intervals. To store Wind Speed and related measurements, disable the Auto-Off feature in the System menu and choose a storage interval higher than 5 seconds.

Kestrel Pocket Weather Meters Warranty

NK does not believe in "disposable electronics." We know that Kestrel Meters and accessories don't typically lead pampered lives, and we design them for years of performance in tough conditions. The Kestrel Portable Vane Mount is designed and manufactured at NK's facility in Boothwyn, PA. We guarantee every Kestrel Portable Vane Mount to be free of defects in materials and workmanship for a period of FIVE YEARS from your date of purchase. We will repair or replace any defective product or part when notified within the warranty period, and will return the product via domestic ground shipping at no charge. Additionally, each Portable Vane Mount has a 30-day money back guarantee.

Your warranty period will be measured from your date of purchase. We keep your registration information strictly confidential and do not sell it, share it, or use it for anything but product-related information bulletins (which you may decline receiving).

We request that you contact NK if you feel your product is not working properly. We can often solve product issues by phone or e-mail, saving you the time and expense of returning the unit. If we require the product to be returned, we will issue a Return Authorization to expedite the handling of your warranty claim.



www.nkhome.com

21 Creek Circle,
Boothwyn, PA 19061 USA

Toll Free: (800) 784-4221

Phone: (610) 447-1555

Fax: (610) 447-1577

E-mail: info@kestrelweather.com

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