

# Ascent™ Multi-tent™ Accessory Kit

for Kinesis® Freestyle™ Convertible Keyboard  
Model AC740-blk (keyboard sold separately)

... Providing a full range of adjustable separation and tenting from 20 to 90 degrees

## Introduction

The new Freestyle Ascent accessory kit provides two multi-angle tenting\* modules which attach to the underside of the keying modules, plus a linking plate which may be used to connect the two keying modules if desired.

Tenting angles may be independently set for each keying module in the range of 20 to 90 degrees, in 10 degree increments (figures 1 & 2). Left/right separation is limited only by the length of the keyboard's linking cable. For details see [www.kinesis.com/freestyle-ascent-features.htm](http://www.kinesis.com/freestyle-ascent-features.htm).

The standard 8" linking cable provides sufficient separation for most users, but the 20" linking cable is recommended for greater flexibility. Keyboards with the 8 inch linking cable may be upgraded by purchasing an upgrade kit (see back page) or by sending the keyboard to Kinesis for this purpose (contact Kinesis Technical Support first).

*\*Tenting is the elevation of the center portion of your split keyboard. By raising your thumbs, your forearm muscles become relaxed, resulting in significantly improved comfort and blood flow.*

## Contents of kit (figure 3)

The Freestyle Ascent Accessory Kit includes a pair of multi-angle tenting assemblies which screw securely to the underside of each keying module, plus 8 mounting screws (6-32 thread), not shown.

Also included is a sturdy linking plate with easily-tightened thumb nuts for attaching the two tenting assemblies together at a fixed separation distance.

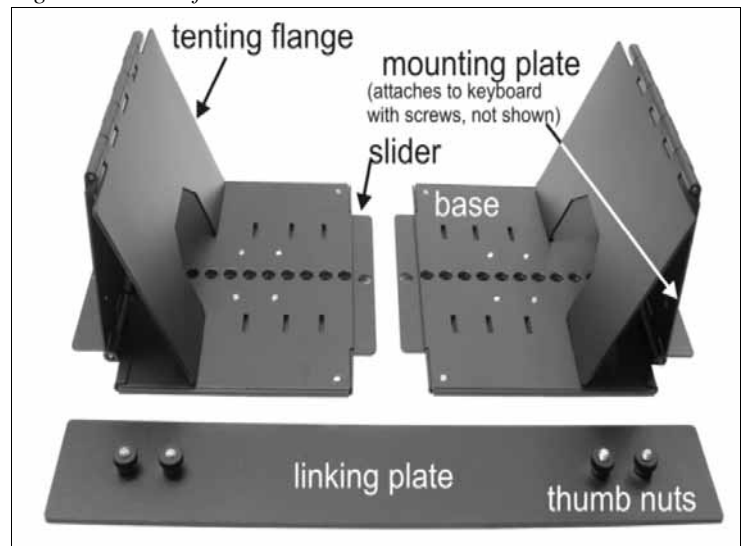
Fig 1. Ascent in vertical (90 degree) configuration



Fig 2. Freestyle keyboard with Ascent accessory at 20 degree tenting, maximum separation



Fig 3. Contents of kit



## ASSEMBLY INSTRUCTIONS

### Removing Pivot Tether

The pivot tether which comes installed on the Freestyle Solo keyboard must be completely removed before attempting to install the Ascent accessories. To remove the Pivot Tether (figure 4), slide one or both release buttons (figure 5) away from the inside edge(s) of the keying module.

Fig 4. Pivot Tether



Fig 5. Slide release button



### Installing Ascent accessory modules

Note: Disconnect your keyboard from the computer or shut down your computer before proceeding with installation.

The tenting modules are interchangeable, but must be oriented correctly on the keying modules when they are installed. The figures below show installing the left side module first.

To begin, flip the keyboard front-to-back on a flat, padded surface so that it is upside-down. Be sure to position the keying modules so that the left module is still on your left after turning it upside down. Select one tenting module and lay it flat and unfolded with its "KINESIS" label facing up, oriented as in figure 6. Then position its mounting plate over the left keying module so that the "KINESIS" label is showing and the holes in the mounting plate align with the holes in the keyboard bottom (figure 7). The slider will need to be extended slightly during the mounting process. If the screw holes on the keyboard bottom line up with the holes in the mounting plate, and the rectangular label on the adjacent tenting flange is visible, then the orientation is correct.

Fig 6. Left side tenting & keying modules

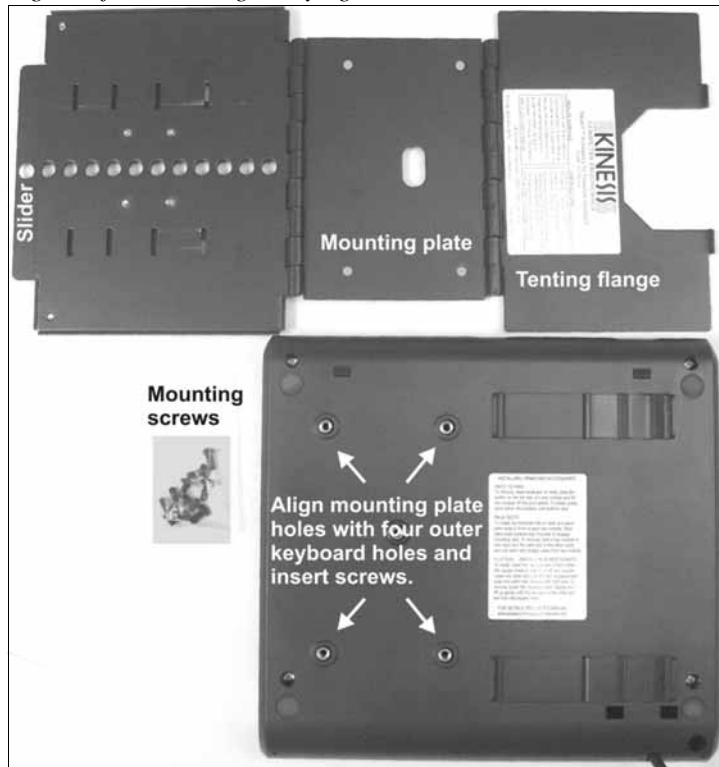


Fig 7. Left side positioned for screws

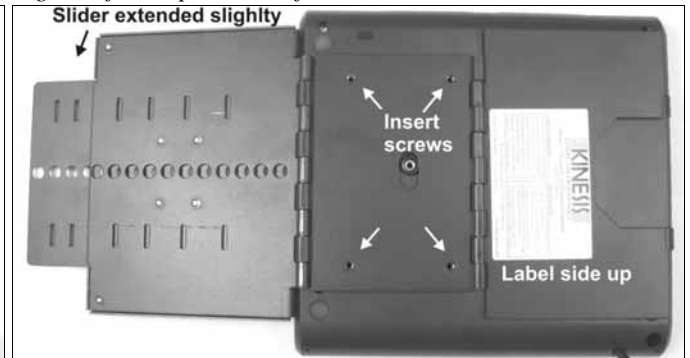


Fig 8. Both tenting modules installed



Insert four mounting screws into the outer four holes (figure 7) and use a Philips screwdriver to make them *gently snug*. **DO NOT OVERTIGHTEN**. When both sides have been installed, your still-upside-down Freestyle Ascent keyboard assembly should look like figure 8.

### Adjusting tenting in the low range (20, 30, 40, or 50 degrees)

For low-range tenting, the slider must be fully extended towards the middle space between the keying modules (figure 9).

*Note: to move the slider, slightly lower the keying module below 90 degrees (figure 10).*

Adjust the tenting angle of each keying module separately. First lift the keying module slightly to off-weight the tenting flange, then move the latter to the desired set of slots (20, 30, 40, or 50 degrees) in the extended slider.

### Adjusting tenting in the high range (60, 70, 80, or 90 degrees)

For high-range tenting, the slider must be fully retracted, as shown in figure 11. Remember before moving the slider, slightly lower the keying module below 90 degrees of tenting (figure 10).

To change the tenting angle, lift the keying module slightly to off-weight the tenting flange and move the latter to the desired set of slots (60, 70, 80, or 90 degrees) in the base. For 90 degree tenting, apply gentle pressure to the support flange to seat its tabs into the appropriate slots. This is normal, and is intended to keep the keying module from moving during use. Use no more force than necessary to avoid bending (and damaging) the slider. *Damage to the slider by excessive use of force is not covered by warranty.*

### Using the linking plate (optional)

After the tenting modules have been attached to the keying modules, you may wish to install the linking plate to provide a fixed separation. The linking plate has two bolts on each end which fit from below through the holes in the base and slider. Thumb nuts attach the linking plate without the need for tools.

Before installing the linking plate, establish the tenting angle(s) you want to use (see above). Then position the two modules at the desired separation distance. The separation distance is limited by the length of the linking cable and is greater at lower tenting angles.

*Note: don't stretch the linking cable taut. If you need more separation than is provided by the standard cable, contact Kinesis Technical Support about upgrading to a longer cable.*

Lower the other keying/tenting assembly onto the other half of the linking plate. The assembly should now look like figure 12. Attach the thumb nuts only finger tight. *Do not use a wrench or over-tighten them.* If the bolts on the linking plate are hard to see underneath the tenting flanges, you may need to lift the latter while installing the thumb nuts.

Fig 9. Slider extended for 20-50 degrees

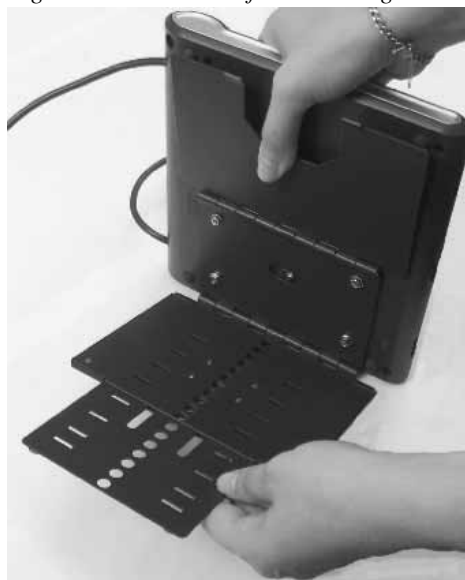


Fig 10. To adjust slider, reduce tenting angle to less than 90 degrees



Fig 11. Slider pushed in for high tenting

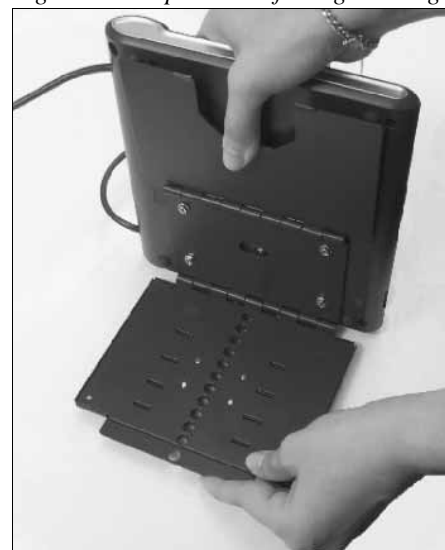
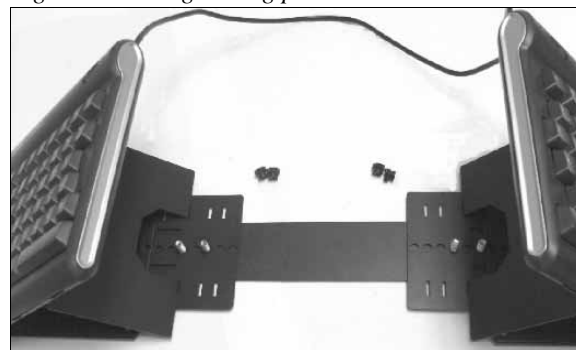


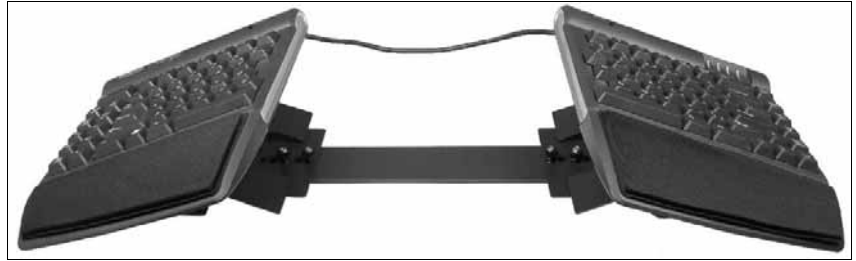
Fig 12. Installing linking plate



## Using optional palm supports with your Freestyle Ascent accessory

Palm rests may be purchased separately from your dealer or directly from Kinesis. They provide the most benefit at lower tenting angles. Palm supports insert into slots on the the near edges of the keying modules. *Be sure to orient them correctly so the wide part is towards the inside (figure 13).*

Fig 13. Ascent Freestyle with palm supports, 20 degree tenting



## Trouble shooting and Technical Support

For questions or problems that remain after reading this User's Guide, contact Kinesis Technical Support by email ([tech@kinesis.com](mailto:tech@kinesis.com)) or telephone (call 800-454-6374 between 8am and 4:30pm Pacific Time).

You may also check the Kinesis web site for additional information, such as the latest User's Manual and instructional videos for various Freestyle products (<http://www.kinesis.com/support/manuals.htm>).

## Other Freestyle Accessories from Kinesis Corporation

- *Incline Accessory kit (AC710-blk, AC710-wht)*: Adjustable splay and padded palm supports on a sturdy base which provides a fixed 10 degree tenting angle.
- *VIP Accessory kit (AC720-blk, AC720-wht)*: Adjustable tenting (10 or 15 degrees) plus padded palm supports. It provides adjustable splay or complete separation if the pivot tether is removed.
- *V3 Accessory kit (AC730-blk)* three-angle V-lifter: Adjustable tenting (5, 10, or 15 degrees) without palm supports. It provides adjustable splay or complete separation if the pivot tether is removed.
- *Upgrade to longer linking cable (UPKB700-20-blk)*: Upgrade Freestyle keyboard to 20" separation. Contact Kinesis Technical Support to order.
- *Palm support kit (AC706PS-blk, AC706PS-wht)*: Palm supports attach easily to the front edge of the keyboard and include replaceable soft palm pads.

## Health Caution

Improper keyboard and/or mouse use may contribute to painful and permanent injuries. Read the Health and Safety details in the full User's Manual and on the bottom label of the keyboard. If you experience pain, weakness, numbness, or tingling while or after using your computer, consult a qualified health professional for advice.

## Warranty

Kinesis warrants these Freestyle keyboard accessories to be free from defects in materials and workmanship and to perform substantially in accordance with the Product documentation for two years from the date of purchase. If Product fails due to accident, abuse, inappropriate use or normal wear, Kinesis shall have no responsibility under this Limited Warranty. For complete warranty details, see <http://www.kinesis.com/support/manuals.htm>.

Kinesis is a registered trademark and Freestyle, Ascent, Multi-Tent, Incline, VIP, V3, and Pivot Tether are trademarks of Kinesis. Patents pending.



Kinesis Corporation  
22121 17<sup>th</sup> Avenue SE, Suite 112  
Bothell, WA 98021 USA