USER GUIDE

# STEM-TOP COMPUTER MOUNT, ALUMINIUM 17 G

17 g aluminium alloy plate that fits on top of the stem, under the headset cap, and places the computer just ahead of it, in your line of sight, with an adjustable angle. The handlebar stays completely free. This guide covers fitting, headset adjustment, care and troubleshooting.



**GARMIN, BRYTON, CATEYE, WAHOO, IGPSPORT, BLACKBIRD** · STEM-TOP FITTING, ADJUSTABLE ANGLE · ALUMINIUM, 80 × 35 × 10 MM, 17 G

01 · FITTING

## CONTENTS, COMPATIBILITY, FITTING

### Before fitting

- A conventional stem with a headset cap bolted on top: the ring of the mount slides underneath it. An integrated cockpit with no accessible cap is not suitable.
- An Allen key for the cap bolt and the stem bolts; a torque wrench if the stem or steerer is carbon.

### Fitting, step by step

1. **Loosen the stem bolts** one or two turns, without removing them, then undo the cap bolt and lift off the cap.
2. **Set the ring of the mount** on top of the stem, plate pointing forward, in line with the bike. Refit the cap and its bolt on top.
3. **Adjust the headset.** Tighten the cap bolt gently, just enough to remove play: with the front brake held, rocking the bike back and forth should not knock, and the bar must turn freely.
4. **Align the stem** with the front wheel, then retighten its bolts to the torque given by its manufacturer. The mount is now pinched between stem and cap.
5. **Set the angle** of the plate on its side bolt: screen readable without lowering your head, then lock without forcing.
6. **Clip the computer on** with a quarter turn until it clicks. It should no longer turn or lift, nor touch the bar or the cables.

### Specifications

| | | | |
|---|---|---|---|
| Compatibility | **Garmin, Bryton, Cateye, Wahoo, iGPSport, Blackbird** | Attachment | **On the stem, under the cap** |
| Adjustment | **Adjustable angle** | Material | **Aluminium alloy, black** |
| Size | **80 × 35 × 10 mm** | Weight | **17 g** |

**BEFORE YOU RIDE**

- Headset adjusted: no knock under braking, steering free.
- Stem bolts retightened to torque, stem aligned.
- Computer locked, mount does not move by hand.

**LARGE SCREENS**

On a short stem, a large Edge 1030, 1040 or 1050 may overhang backward: check that it does not touch the bar. For those models, the Velkyne XL out-front mount is more comfortable.

02 · DAY TO DAY

# ADJUSTMENT, CARE, TROUBLESHOOTING

## Why the headset matters

The cap bolt does not hold the mount: it sets the headset preload, and the stem bolts are what lock everything in place. Too loose, the steering knocks under braking; too tight, it turns stiffly and wears the bearings. If the cap bolt becomes too short with the added thickness of the mount, replace it with a longer bolt rather than tightening on three threads.

## Care

- Check the headset and the angle bolt **after the first ride**, then regularly.
- After rain or mud, wipe the mount: aluminium does not mind water, but grit between stem and cap eventually creates play.
- Check that the quarter-turn plate is neither cracked nor worn.
- If you remove the mount, refit the cap and adjust the headset again.

## If something goes wrong

| SYMPTOM | LIKELY CAUSE | FIX |
|---|---|---|
| Steering knocks under braking | Not enough preload | Loosen the stem, tighten the cap slightly, relock the stem |
| Steering is stiff | Cap too tight | Loosen the stem, back off the cap, relock the stem |
| Mount pivots under the stem | Stem bolts not tight enough | Align, retighten to torque |
| Computer will not lock | Tabs not lined up or attachment of another standard | Line the tabs up with the notches, turn until it clicks |
| Plate moves on its bolt | Angle bolt loose | Set the angle, relock without forcing |



*The ring of the mount is pinched between stem and cap; the plate brings the computer out ahead of the stem.*

DON'T

- Never ride with the stem bolts loose: the cap is adjusted with the stem loosened, then the stem is locked again.
- Do not pull the computer upward to remove it: turn it a quarter turn the other way.
- Do not tighten a carbon stem beyond the torque given by its manufacturer.

## On video

Independent tutorials on headset adjustment, scan to watch.

**How to Fix a Bicycle Headset That Is Too Tight or Too Loose**
BikesbyMike · English

**How to adjust the headset in a threadless steerer tube**
Bike Teacher · English

## Need help?

**velkyne.com/contact**
Our team answers your questions about compatibility and fitting.