

# **AeroPod® Out-and-Back Calibration Procedure**

**July 2019**



After pairing AeroPod to your sensors (see “AeroPod Basic Setup” instructions), AeroPod is ready for a calibration ride.

**TIP: When you’re “in the field”, doing CdA testing, we suggest you recalibrate AeroPod prior to beginning your measurements**

We recommend calibrating AeroPod on road where there is little traffic, the road does not have sharp turns or starts/stops, and the wind is fairly calm.

**The AeroPod calibration ride is similar, but not identical to, the calibration ride for other Velocomp products:**

- 1) After sensor pairing, AeroPod light will show solid yellow when its button is clicked
- 2) After riding a few seconds, AeroPod light will flash red/green. Ride to the place where you want to start your calibration ride.
- 3) When you are ready to start your calibration ride, click the AeroPod button. Light will change to flashing yellow.
- 4) You will ride “out” for about 3 minutes; during the “out” period the light flashes yellow and watts will slowly rise to 50W.
- 5) At the 50W mark, the light turns solid red and watts no longer increase. When it is safe, STOP, and turn around.
- 6) Once you turn around the light will start to flash yellow, indicating the “back” portion of the calibration ride. Ride back to the starting point. While you ride back the light will flash yellow and watts will rise to 70W
- 7) **NEW TO AEROPOD:** When you reach the starting point (70W), CONTINUE RIDING SOLO FOR ANOTHER 5 MINUTES, IN YOUR NORMAL RIDE POSITION. Watts slowly rise to 100W. At the 100W point, the calibration ride is complete.
- 8) After watts reach 100W, the flashing yellow light will go out, “live” DFPM watts will be shown, and your default CdA will be shown.
- 9) Approximately 2 minutes after completing the calibration ride, live CdA will be shown.

The next page shows the AeroPod calibration ride pictorially.

**Step 7 measures and stores your “default” value of CdA; that is, your CdA for your normal ride position.** When you download your ride files into Isaac, this measured value of CdA will be used in your profile.

When the calibration is complete you are ready to start using AeroPod for CdA measurement.

**TIP: WHENEVER YOU WANT TO DO A NEW CALIBRATION, DO AN AEROPOD SENSOR PAIRING (PRESS-HOLD AEROPOD BUTTON FOR 4 SECONDS, THEN RELEASE). SENSOR PAIRING, EVEN TO THE SAME SENSORS, PUTS AEROPOD INTO THE O&B CALIBRATION MODE.**

# AeroPod Out and Back Calibration Ride

