



December 2013

PLEASE READ!!

SETUP/INSTALL VIDEO INSTRUCTIONS AVAILABLE AT: <http://youtu.be/aF5ZGxEDKAA>
BASIC USAGE VIDEO INSTRUCTIONS AVAILABLE AT: <http://youtu.be/m3x6r5XoGaU>

1) INSTALL YOUR NEWTON MOUNT AND SENSOR:

- **Remove the protective cover from your Newton's display screen** for clearest numbers
- **Charge your Newton for two hours** by connecting it to a USB charging device (your computer or any USB charging device will work).
- **Attach the Newton Dual Mount** to your bike's stem or handlebars, according to the printed instructions included separately. Check out the youtube video for additional guidance.
- **Install the Newton ANT+ speed/cadence sensor** according to the printed instructions included separately.
- **Slide the Newton on the Dual Mount**, and secure it with the bolt.
- **Click the center button to wake up the Newton.**
- **Spin the bike crank and rear wheel** to confirm that you see speed and cadence in the main screen (speed in top window, cadence in bottom window).
- **Your Newton goes to sleep automatically** after a few minutes of inactivity.

2) PERFORM NEWTON "CAL RIDE":

To calibrate your Newton you will need about 10 minutes to perform a Cal Ride:

- Pick a quiet, low-traffic place to do a *solo* (no drafting allowed) Cal Ride.
- Wake up the Newton. Speed is shown in the top window.
- *Start riding.* After 8 seconds of riding "Cal" appears in the middle window, and "Start" flashes in the bottom window. Allow the flashing to continue until you reach the starting point of your cal ride.
- When you've reached your starting point, **click the center button to start the Cal Ride.**
- The top window shows bike speed, the center window alternates between "Cal" and distance traveled, and the progress bar fills as you ride.
- During the Cal Ride you can bike at a leisurely pace, and it's OK to stop if needed. Your Cal Ride will be unaffected.
- Ride for five minutes, until "*go bac(k), turn 180 degrees*" flashes. If you still need to keep riding more before turning safely, it's OK. When safe, ***slow to a stop, turn around, and ride back*** to the starting point.
- The progress bar empties as you ride back. **Keep riding until the progress bar is completely empty, and "Cal Done" flashes.**

AFTER COMPLETING THE CAL RIDE YOUR NEWTON IS READY TO USE!

TIP: TO ABORT THE CAL RIDE, PRESS-HOLD THE CENTER BUTTON. "ABRT CAL" FLASHES. NOTE THAT UNTIL COMPLETING THE CAL RIDE, YOU'LL SEE "---W" IN THE CENTER WINDOW.

TIP: YOUR NEWTON WAS SHIPPED WITH A PRE-PAIRED IBIKE ANT+ SPEED/CADENCE SENSOR. TO PAIR NEWTON WITH OTHER ANT+ SENSORS, WAKE UP YOUR ANT+ SENSORS. THEN, PRESS-HOLD THE NEWTON'S TOP AND BOTTOM ARROWS SIMULTANEOUSLY. "SCAN" FLASHES. AFTER A FEW SECONDS YOUR ANT+ SENSORS WILL BE PAIRED.



3) INSTALL ISAAC SOFTWARE ON YOUR MAC/PC:

- If you have *never* installed iBike software on your computer, download Isaac software from www.ibikesports.com/downloads.html
- If you have *already* installed Isaac software on your computer, launch Isaac, and go to “Help/Check Online for Software Update”...to install the latest Isaac software version

4) USE ISAAC SOFTWARE WITH YOUR NEWTON:

- Attach the USB cable to your Newton and computer
- Click the center button to wake up your Newton
- Launch the Isaac software
- Check to see that the USB icon, located in the top left portion of the main window, has a green box around it. The green box indicates that your Newton is communicating with your computer.



5) DOWNLOAD YOUR RIDES:

- Click the “Download Ride” icon, located immediately to the right of the green USB icon

6) FINE TUNE YOUR NEWTON’S CALIBRATION:

After your Cal Ride Isaac will fine-tune your Newton’s calibration when you click the “Download Ride” icon:

- Isaac automatically launches a “Dial-In Wizard” to fine-tune your Newton
- Or, at any time later, from the Isaac main menu, select the “Device/Setup Device...” command to tweak your Newton settings.
- Enter your information, then click the “Send Profile to iBike” button to transfer your fine-tuned data to your Newton.

7) CREATE FILES USABLE WITH STRAVA OR TRAININGPEAKS

- Strava: Select “File/Export for Strava...” NOTE: **Strava requires GPS data**; use Newton Tracker
- TrainingPeaks: Select “File/Export for TrainingPeaks...”

8) LEARN ABOUT ALL OF THE SPECIAL FEATURES OF YOUR IBIKE NEWTON AND ISAAC SOFTWARE WITH DETAILED INSTRUCTIONS FOUND IN THE “HELP” MENU OF ISAAC:

- Go to “Help/Help Documents” in Isaac software for detailed instructions for your Newton, and instructions for Isaac software.
- Newton Tracker and PowerStroke instructions are also found in the Help Documents
- Also, ibikeforum.com, ibikeblog.net, and @ibikepowermeters are other great resources for support.
- Or, email us at technicalsupport@velocomp.com

Questions? email us at technicalsupport@velocomp.com, or call us at (609) 425-0444

Enjoy your iBike Newton!

Warranty information: ibikesports.com/warranty.html