MOUNTING

To install your unit, you must first mount it on the dock of your boat. Your SpeedCoach GPS uses its internal accelerometer to calculate speed and distance if your boat is equipped with a SpeedCoach harness, which allows you to mount your unit on the dock without affecting its performance.

If your boat is not equipped with a SpeedCoach harness, you can still mount your unit on the dock. You will need a lanyard and a mount that can be adapted to fit your boat. The lanyard attaches to the dock and the mount attaches to your unit. The lanyard should be long enough to allow your unit to move freely on the dock.

If your boat is equipped with a SpeedCoach harness, you can use the SpeedCoach Harness Dock Mounting kit to mount your unit on the dock. This kit includes a harness that can be attached to your boat and a mount that can be attached to your unit.

Once your unit is mounted, you can use the Recall Data feature to recall data from the main menu. Select Recall Data to access your data, and then select the data point you want to recall. You can also use the Erase Data feature to erase data from the main menu.

ADDITIONAL FUNCTIONS AND OPTIONS

Navigating the Menus

- You can use the up and down buttons to navigate within a menu or to adjust a selected value.
- You can use the left and right buttons to select a menu or to adjust a selected value.
- You can use the enter button to select an option or to confirm your choice.

Input

- You can use the up and down buttons to change the speed or distance you want to display.
- You can use the left and right buttons to change the units of measure you want to display.

Advanced

- You can use the select button to navigate to different advanced setup options, such as:
  - Impeller Calibration
  - Starting Amplitude
  - Rowing Sensitivity
  - Diagnostics

Advanced Setup Menu

- You can use the select button to navigate to the advanced setup menu, where you can perform additional tasks, such as:
  - Impeller Calibration
  - Starting Amplitude
  - Rowing Sensitivity
  - Diagnostics

Diagnostics

- The Diagnostics screen includes information about the performance of your unit's GPS receiver, accelerometer, impeller, and charging system. It may be useful in the event your SpeedCoach GPS does not perform as expected. Additional information is available at N KH home.com or from NK tech support.
From the Calibration Menu, press \( \text{A} \) to select the Calibration Value, then press \( \text{Y} \) to accept the value.

Running the Calibration Routine
The SpeedCoach GPS does not need a measured course to be calibrated. Because the SpeedCoach GPS knows both the GPS and Impeller distance measured, it can self-calibrate. Calibration simply involves selecting the distance in two directions. Your distance options are 500 to 1000M. Although a longer distance will somewhat improve the accuracy of your calibration, it is important to choose a calibration distance that you can row in a relatively straight line in both directions. Ideally, it will also have relatively consistent current. The Calibration Routine requires that you row your course in both directions so the unit can average out any impact of current, tide or wind, and thus improve the accuracy of the calibration result through more comparison data.

If you wish to change your calibration distance from 500M, press \( \text{Y} \) to move to the distance line, \( \text{A} \) to select, then \( \text{Y} \) to adjust and to accept.

To run the calibration routine, press \( \text{A} \) to highlight Run on the Calibration Menu, then \( \text{Y} \) to select. From the calibration screen, press \( \text{X} \) to start each calibration leg and follow the screen prompts. On each leg, the land distance from the start to your chosen distance will count up until the selected distance is reached in the land distance window (bottom left). Note that there will be a three- or four-stroke delay at the start of each leg while the GPS and impeller readings are synchronized. At the end of the routine, the newly calculated value will be displayed. Press \( \text{Y} \) to accept the new value and exit the routine, or press \( \text{X} \) to exit the routine without changing your calibration value. At any time while running the calibration routine, you can press \( \text{X} \) to exit the routine without changing your calibration value.

GPS FUNCTION AND ACCURACY
Your SpeedCoach GPS employs a high-precision 5-Hz GPS receiver. This means it receives GPS position and speed data from the GPS satellites 5 times a second. This update rate, which is five times that of any running watch on the market, is necessary to provide the data for accurate stroke by stroke rowing speed. Your GPS receiver’s performance is dependent upon having an unobstructed view of the sky. After passing under a low or wide bridge, you are likely to notice erratic speed data for a stroke or two. Your unit will return to accurate values as soon as it has re-established good satellite signal. A higher setting for speed-smoothing strokes will dampen both the initial error and the routine. Your unit will not return to valid readings. Note that your total distance, elapsed time and average speed are synchronized. At the end of the routine, the newly calculated distance value will be displayed. Press \( \text{Y} \) to accept the new value and exit the routine, or press \( \text{X} \) to exit the routine without changing your calibration value. At any time while running the calibration routine, you can press \( \text{X} \) to exit the routine without changing your calibration value.

BATTERY USE AND CHARGING
A fully charged battery will provide approximately 6-8 hours of operation, depending on backlight use. Each bar on the battery indicator represents 20% of battery life, or approximately 1.2 to 1.6 hours.

To charge your unit, press it firmly into the charging dock of your SpeedCoach GPS changer until it clicks and you see “Charging...” on the screen. The battery indicator will flash and the bar will indicate the charge status achieved. The battery indicator will show full and stop flashing after 90% charge is achieved, and the display will turn off when the unit is fully charged.

The SpeedCoach GPS can only be charged with the supplied charging dock. The SpeedCoach GPS is compatible with any USB charging source, including a laptop or a cell phone standby power source. A SpeedCoach XL charger will not charge a SpeedCoach GPS.

SPECIFICATIONS
<table>
<thead>
<tr>
<th>WEIGHT</th>
<th>Control unit and bumper: 5.2 oz (150 g).</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIZE</td>
<td>Display unit measures 3.6 x 2.6 x 1.2 in. (92 x 67 x 31 mm.) with bumper.</td>
</tr>
<tr>
<td>BOYANCY</td>
<td>Does not float.</td>
</tr>
<tr>
<td>WATER RESISTANCE</td>
<td>Waterproof (IP-67).</td>
</tr>
<tr>
<td>MEMORY</td>
<td>100 data point memory – store and review multiple pieces. Fix 100-meter internal.</td>
</tr>
<tr>
<td>BATTERY CAPACITY</td>
<td>One rechargeable lithium-poly battery provides up to 8 hours of battery life.</td>
</tr>
<tr>
<td>BATTERY LIFE EXPECTANCY</td>
<td>Battery can be expected to last 300 full charge/discharge cycles. The expected life increases greatly for partial charge/discharge. After 500 cycles, expected capacity 85% of original.</td>
</tr>
</tbody>
</table>

COMPLIANCE

ENVIRONMENTAL
The SpeedCoach GPS is in line with RoHS (Restriction of Hazardous Substances) compliant and marked in accordance with the WEEE (Waste Electrical and Electronic Equipment) Directive. Please do not dispose of the unit in battery in your household. Return to NK, an NK dealer or your designated recycling center for proper recycling and disposal.

LIMITED TWO-YEAR WARRANTY
NK warrants your SpeedCoach GPS and accessories to be free of defects in materials and workmanship for two years. NK will repair or replace your SpeedCoach GPS when notified within the warranty period, and will return the product via domestic ground shipping or NK’s choice of method of international shipping at no charge. The following issues do not result from a manufacturing defect and are not covered under this warranty:

- Damage due to improper use or neglect (including corrosion).
- Damage resulting from severe impact, crushing or mechanical harm.
- Modifications, alterations or attempted repairs by someone other than an authorized NK repair agent.
- Water damage resulting from exposure to water after product enclosure has been visibly damaged and/or failure to return product for service promptly after product enclosure has been compromised.
- Normal wear and tear.
- Reduction in capacity of rechargeable battery normal for its age and/or number of charge/discharge cycles.
- Damage resulting from corrosion or leakage of batteries due to improper storage or charging.

Except for the warranties set forth herein, NK disclaims all other warranties, expressed, implied or statutory, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Any implied warranties that may be imposed by applicable law are limited to the term of this warranty. In no event shall NK be liable for any incidental, special or consequential damages, including, but not limited to, loss of business, loss of profits, loss of data or use, whether in an action in contract or tort or based on a warranty, arising out of or in connection with the use or performance of an NK product, even if NK has been advised of the possibility of such damages. You agree that repair, and (upon availability) replacement, as applicable, is your sole and exclusive remedy with respect to any breach of the NK Limited Warranty set forth herein. All product liability and warranty options are governed exclusively by the laws of the Commonwealth of Pennsylvania.

IMPORTANT: If you become aware that your product is no longer waterproof – either due to a severe impact or a visible product defect that has developed – stop using it IMMEDIATELY and return it to NK for repair. In many instances, we can repair the product if returned promptly. However, exposure to moisture for any length of time will cause permanent and irreparable damage to electronic components and void your warranty.

Register your SpeedCoach GPS!
Your warranty period will be measured from the date of your purchase if it can be proven, or from the date of manufacture if it cannot be. The best way for you to ensure full warranty coverage is to REGISTER your product promptly under the support section of NK’s website. We keep your registration information in strict confidence and do not sell it, share it or use it for anything but product-related information bulletins (which you may decline receiving).

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