

Thank you for purchasing the Velocitek Speedcompass!

The Speedcompass can operate in the following modes:

- **Standard** mode where the display shows your current speed in knots if the device is mounted right side up or heading in degrees true if it is mounted upside down.
- **Alternating** mode where the display flashes back and forth between speed and heading

Choosing Between Standard and Alternating Modes

1. Open the waterproof case and turn on the Speedcompass using the black plastic switch. Make sure that you are looking at the LCD display when you activate the switch.

When you first activate the switch, the display will show a number between 0 and 99 for about 3 seconds. This represents the amount of energy left in the device's batteries. 99 represents fresh batteries and 0 represents dead ones.

2. The display will then switch to showing either "Std" or "Alt". When the display is showing "Std" or "Alt" twisting the "SPEED DAMPING" knob will cause the display to switch between showing "Std" and "Alt".

Use the "SPEED DAMPING" knob to choose the mode you want and then stop twisting the knob. After about three seconds the display will switch to flashing "000".

Acquiring a GPS Solution

1. When the device is flashing "000", place the device outdoors with a clear view of the sky for 15 minutes. This allows the device to download the information it needs to operate from Global Positioning System (GPS) satellites.
2. Once the display has stopped flashing it will show you speed or heading depending on which mode you are in and how you have mounted the device.

Damping Control

The damping control knobs allow you to adjust the damping of both speed and heading measurements.

If you twist the speed damping control knob you will see the letter n followed by a number between 1 and 9 appear on the display. If you continue to twist the knob, the number will change. This number represents the degree of damping present in the speed measurement. A speed damping setting of 1 corresponds to a damping time constant of about 1 second, a setting of 9 corresponds to a time constant of 9 seconds. The compass damping can be adjusted in a similar fashion.