



Auto Anchor



AutoAnchor 560 V2 : QUICK USER GUIDE



IMPORTANT INFORMATION

READ BEFORE INSTALLING OR USING THE AUTOANCHOR

This User Guide is intended as a quick reference for day to day use of the AA560. It must be read in conjunction with the Owner's Manual. The Owner's Manual has installation, set up and testing instructions plus information relating to troubleshooting and maintenance. If you do not have the Owner's Manual please contact your supplier or the manufacturer for a copy or see www.autoanchor.co.nz

USER PRECAUTIONS

It is the owner's sole responsibility to ensure the AutoAnchor is installed, used and maintained in a manner that will not cause accidents, personal injury or property damage. When using the AutoAnchor the operator must use safe boating practices and safe windlass/winch and anchoring operation

- use the windlass/winch strictly according to the manufacturer's instructions;
- only persons who are fully aware of the correct use of the windlass/winch should be allowed to use the AutoAnchor to control this equipment;
- the user must personally control and supervise all anchoring operations;
- the user must know the location of the main breaker or battery switch to disconnect the windlass/winch from all power sources in the event of an emergency;
- the windlass/winch power supply must be turned off when the equipment is not in use;
- there must be an alternative method available to operate the windlass/winch.

When Controlling a Windlass/Winch

- maintain a clear view of the windlass/winch, rode and/or anchor during operation;
- always ensure the anchor is fully **docked and secured** before moving the boat.

SET UP AND TESTING

Before use the AutoAnchor must be correctly set up for the equipment it is to control and then tested in a safe environment. The AutoAnchor will not count correctly if the windlass selection is wrong or the windlass is not standard (eg it is installed with a different chainwheel or motor).

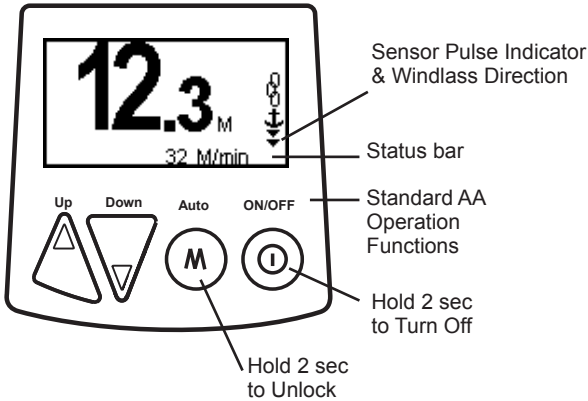
PLUG & PLAY SENSOR TUNING

Required for all sensors other than a motor driven reed sensor. This screen automatically displays on first use or if Factory Defaults are loaded, the sensor is reset or there has been a loss of sensor signal. Refer to page 21 in the Owner's Manual.

The AutoAnchor manufacturer and supplier accept no liability for personal injury or property damage resulting from failure to follow the installation and operating instructions or the use of the AutoAnchor in a way that may cause accidents or damage or that may violate the law.

OPERATION

AA560 BUTTONS

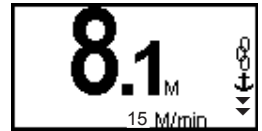


In an emergency shut off the power to the windlass using the isolating/breaker switch.

Note: Some operators prefer to swap the Up/Down buttons as follows:
Up = Out and Down = In. See the instructions on page 18 of the Owner's Manual.

INFORMATION DISPLAYED DURING OPERATION

- The length of rode deployed in feet, metres or fathoms.
- The direction the anchor is moving.
- The type of rode being deployed (chain or rope).
- Windlass speed.

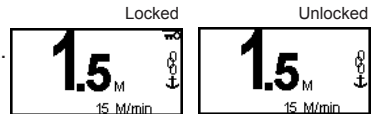



Settings and measurements are saved if the unit is turned off or the battery fails. Counting continues if the windlass is operated by another control eg foot switches.

Lock

The AutoAnchor is fitted with a lock to help protect against unintentional windlass operation.

 Hold the Mode button for 2 seconds to unlock.



The lock automatically resets 5 minutes after the AutoAnchor was last operated or when the AutoAnchor is turned off. You can also reset the lock by holding down the  button until **the key** is displayed in the top right corner.




AUTOMATIC AND MANUAL OPERATION

Keep your finger on the button to deploy the anchor manually or use the automatic function for hands free anchor deployment and retrieval. See the instructions for both options below.

For an accurate reading always ensure the AutoAnchor display reads 0.0 before deploying the anchor.

MANUAL OPERATION

Deploy and Retrieve the Anchor Using Manual Operation.

-  Turn the AutoAnchor on.
-  Clear the safety lock.
-  Hold down the up or down button to deploy or retrieve the anchor. Releasing the button stops the windlass operation.

Ensure the anchor is fully docked and secured before moving the boat.

DOCKING ALARM: During retrieval the windlass will stop and the AutoAnchor beeps to warn the operator the anchor is at the preset docking distance. Press and hold the button to continue retrieval.

Extra care must be taken at this stage of retrieval.



AUTOMATIC OPERATION

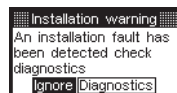


WARNING: There is an inherent risk when using any automatic function on a boat. If you choose to use the AutoAnchor automatic functions, you must still control and supervise all windlass and anchoring operation.

Use the Automatic Function to:

- Preset the length of rode for deployment.
- Have hands-free operation of the windlass.
- Retrieve the anchor automatically to the preset docking distance.

Note: For rope/chain counting, if the sensor or load sensing wires are not installed correctly the automatic function **will not operate**. An Installation warning message will display on the screen. The windlass can still be operated using manual operation but on retrieval the display may be incorrect because it cannot allow for the stretch in the rope.

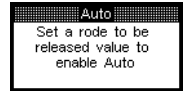


Safety Override






Press any button on the AutoAnchor to stop the windlass during automatic release or retrieval. **In an emergency shut off the power to the windlass using the isolating/breaker switch.**

Enable Automatic Operation

A “rode to be released” value must be entered to use automatic operation.



To Set A Rode to be Released Value





-  Turn the AutoAnchor on.
-  Clear the safety lock.
-  Press the Mode button twice to enter Set auto.
-  Scroll up or down to change the value.
-  Save ready to deploy. Press twice to return to start screen.



To disable the automatic operation: Set the rode to be released value to Off.






Deploy the Anchor Using Automatic Operation

-  Turn the AutoAnchor on.
-  Clear the safety lock.
-  Press the Mode button to select Auto. The screen displays the current length for Auto release.
-  If this setting is correct. Press and release the down button to deploy the anchor.



To Change the setting:






-  Press the Mode button again to select Set auto.
-  Enter the value.
-  Save and return to Auto.

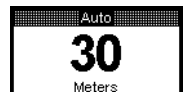


The windlass will stop and the AutoAnchor will beep when the preset length of rode has been released. The screen will display “Auto target reached”.




Retrieve the Anchor Using Automatic Operation

-  Turn the AutoAnchor on.
-  Clear the safety lock.
-  Press the Mode button to Select Auto.
-  Press and release the Up button to retrieve the anchor. The windlass will stop and the AutoAnchor will beep when the docking distance is reached. The screen will display Docking distance.
-  Press the Up button to complete retrieval of the anchor. The AutoAnchor will beep during this process.









Ensure the anchor is fully docked and secured before moving the boat.

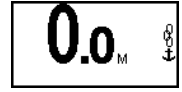
OTHER OPERATION SETTINGS

Press  to access the menu when the AutoAnchor is turned on.

To Clear to Zero





The AutoAnchor must be turned on.

-  Press to access the Menu.
-  Select clear to zero.
-  Select No/Yes.
-  **Yes** - return to start screen.
-  **No** - return to the menu, then press  again to return to the start screen.



To Check Logs

The AutoAnchor must be turned on.

-  Press to access the Menu.
-  Select Logs.
-  Return to the menu.
-  Exit and return to start screen.








Logs are cleared using the Factory Default Settings. See page 14 in the Owner's Manual.

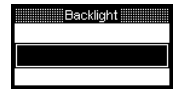


Resetting the Factory Defaults clears all logs and calibrations.

To Adjust Backlight






The AutoAnchor must be turned on. It is best to change this setting in low light.

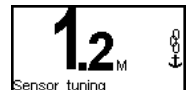
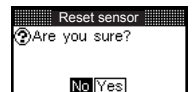
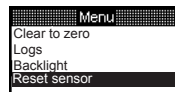
-  Press to access the Menu.
-  Select Backlight.
-  Change the Backlighting level.
-  Save and return to the menu.
-  Exit and return to start screen.



To Reset Sensor

The AutoAnchor must be turned on.

-  Press to access the Menu.
-  Select Reset sensor.
-  Select No/Yes.
-  Save and return to the menu.
-  Exit and return to start screen.
- Deploy the anchor to tune the sensor.
- See page 21 in the Owner's Manual.



FCC, CE and compliance statements are set out in the Owner's Manual.

To the best of our knowledge the information in this User Guide was correct at the time of printing. However, the AutoAnchor is continuously being reviewed and improved and product specifications may be changed without notice. The latest product specifications may not be reflected in this version of the manual.

Documentation relating to the AutoAnchor is created in the English language and can be translated from English to another language. In the event of any conflict between translated documents, the English language version will be the official version.

All AutoAnchor documents including the Owner's Manual are also available on the website www.autoanchor.co.nz

TROUBLE SHOOTING

For troubleshooting see the Owner's Manual Pages 25 - 29 or contact AutoAnchor support on: www.autoanchor.co.nz/autoanchor-installation-help.php Fill in the information form. Email: support@autoanchor.co.nz or Telephone: +64 9 360 0300.



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Company**

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