



**You don't think  
you need one.  
Until you do.  
Don't get left behind.**

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## QUICK START GUIDE TO ACTIVATE **H**ELP













- 1** Open the dive cap by releasing the latch.
- 2** Press the blue button to power on the Nautilus GPS.  
It will now begin to search for a GPS lock.
- 3** Remove the antenna retainer and manually unfurl the antenna.\*
- 4** Hold the red button for 5 seconds to begin distress transmission.

\* Be cautious when removing antenna retainer. The antenna may spring out rapidly.

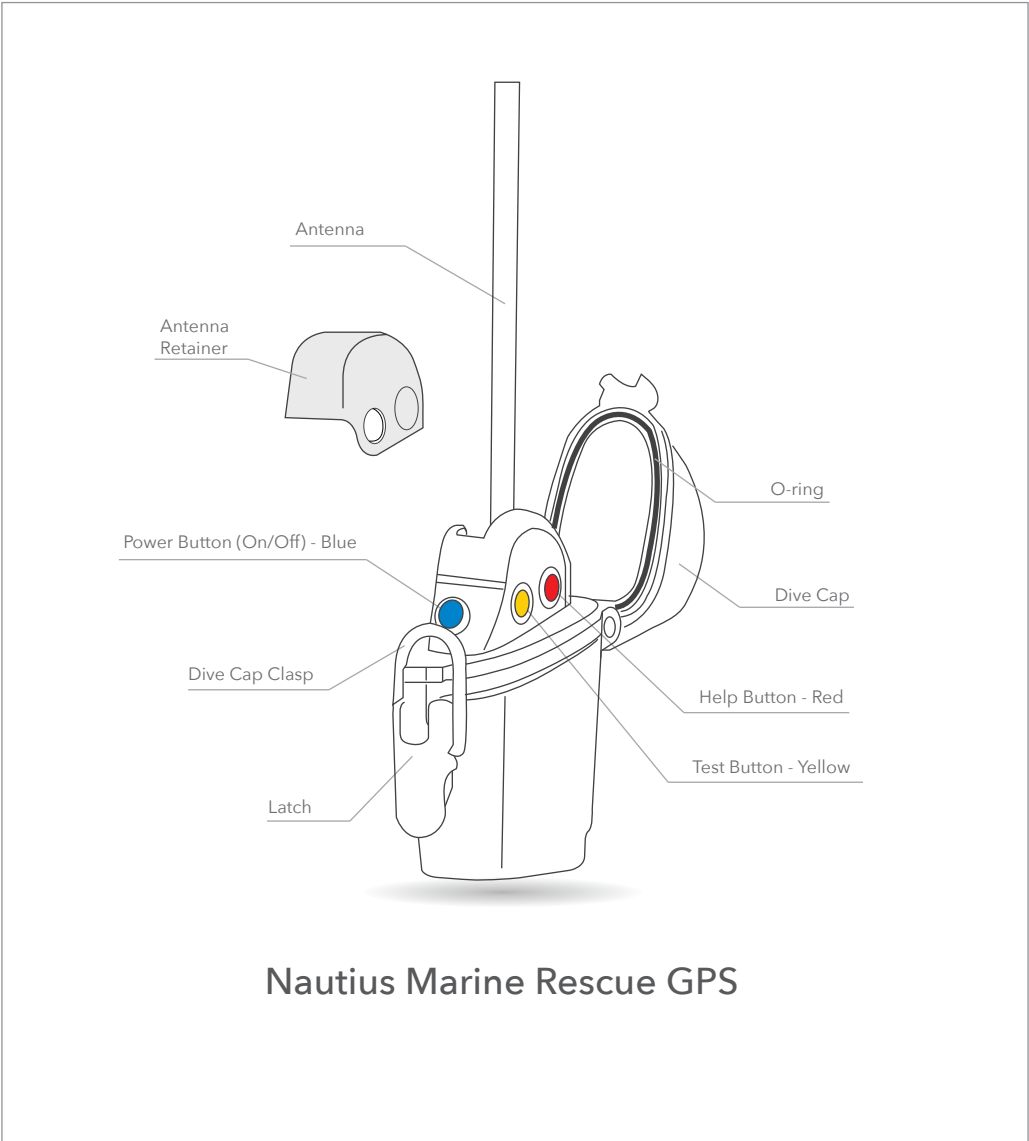
*The Nautilus Marine Rescue GPS is an aid to your safety. It is not a life-saving device.  
It is not intended to save your life.*

## IMPORTANT!

*The Nautilus Marine Rescue GPS is an aid to your safety. It is not a life-saving device. It is not intended to save your life.*

-  This equipment is intended for emergency use. Do not activate unless in an emergency situation.
-  Performing a test will reduce the battery life. Only perform a test once before each dive trip
-  We recommend using Panasonic CR123 3V (1550 mAh) batteries. Lower quality batteries may have a reduced lifespan.
-  Ensure that the O-rings are always clean and free of contaminants.
-  DSC functionality may be disabled in certain countries subject to regulations.
-  Be cautious when removing antenna retainer. The antenna may spring out rapidly.
-  Dive cap should remain sealed unless in distress situation or when performing self-test.
-  Do not open dive cap underwater.
-  In order to comply with CE RF exposure guidelines, ensure that the Nautilus GPS is at least 16cm from your body when transmitting.
-  In the case of accidental activation, the user should deactivate the Nautilus GPS distress signal and notify the appropriate search and rescue authorities (e.g., U.S. Coast Guard or Rescue Coordination Center serving the geographic region) at the earliest possible time.

GET TO KNOW NAUTILUS GPS




Nautilus Marine Rescue GPS




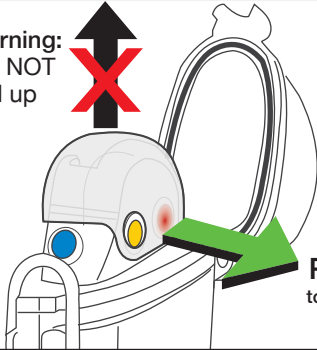
Nautilus  
Marine Rescue GPS



Proprietary Tool  
(Antenna winder)



Online Manual  
[www.NautilusLifeLine.com](http://www.NautilusLifeLine.com)

<p><b>Batteries Not Included</b></p>  <p>* Ensure that your Nautilus GPS has two CR123 batteries installed.</p> <p>* Batteries should be within the marked expiry date.</p>	<p><b>How to remove antenna retainer</b></p> <p>Warning: DO NOT pull up</p>  <p>Pull forward only to remove antenna retainer</p>
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**OPERATION**

- 1 Open the dive cap by releasing the latch.
  
- 2 Press the blue button: Nautilus GPS goes to ON standby state and GPS attempts to lock. Pressing the blue button again powers off the LifeLine GPS.
  - Blue LED flashes slowly while GPS searching
  - Blue LED flashes quickly when GPS location determined
  
- 3 Remove the antenna retainer exposing the “H”elp button allowing user to manually unfurl the antenna.
  - User can press red “H”elp button at any time – not necessary to wait for GPS to find location.
  
- 4 Hold the red “H” button for 5 seconds to begin distress transmission.
  - a. Red LED indicator flashing (Blue LED extinguishes)
    - Red LED slow flashes if GPS not locked (same cadence as Blue LED if red button not pressed)
    - Red LED quick flashes if GPS locked (same cadence as Blue LED if red button not pressed)
    - Red LED on solid 3s before DSC/AIS transmission
  - b. White strobe begins – quick double flash every 5s. (to save energy, the white strobe shuts off in bright sun)

\* Note: To prevent false alerts the LifeLine GPS will wait 20s before start of first transmission sequence. (Red LED on solid)
  
- 5 How to deactivate distress transmission:  
 Hold down the red button for 5 seconds to deactivate distress transmission
  - \* Note: Pressing the blue button will also power off the Nautilus GPS and end distress transmission, however transmission will begin again if Nautilus GPS is powered back on.

## MMSI

### \* USER MID

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Each Nautilus GPS comes pre-programmed with an MID number. This number serves as your identification and will be transmitted along with your distress call. The number can be found on the back label of your Nautilus GPS.

### \* VESSEL MMSI CONFIGURATION

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If your vessel (or the vessel you are traveling with) has a DSC enabled VHF radio, it is recommended to program the vessel MMSI number into your Nautilus GPS. This allows your Nautilus GPS to send a DSC position report directly to the vessel VHF radio by holding down the yellow button for 5 seconds.

Note: Not required for use of the red Help button

### \* MMSI PROGRAMMING (Android & iOS)

- 1 Download and install Nautilus GPS MMSI Programming App from Google Play or Apple iTunes. (Note: ios app requires ios 8 or later)
- 2 Start the App and enter Own Ship's MMSI, Group MMSI, and if desired, AIS Only or DSC Only.
- 3 Lay Nautilus GPS face down with Label pointing up.
- 4 Aim your mobile phone's flashlight at Nautilus GPS and press START. Your mobile phone's flashlight will flicker. Try not to move the phone during the programming sequence.
- 5 Nautilus GPS flashes the white strobe LED twice when successfully programmed and returns to IDLE state. If no valid programming sequence received after 60s, Nautilus GPS returns to IDLE state.

### \* REGION CONFIGURATION (COMING SOON)

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## TEST SEQUENCE

Note: Test should be done at a temperature between 10-30 degrees Celsius.

- 1 Press and hold Nautilus GPS Test Button for 5s till ORANGE indicator on Solid
- 2 Releasing TEST button the ORANGE indicator will flash with the same rate as BLUE indicator
  - Slow flashing indicates no acquired position
  - Fast flashing indicates acquired position
- 3 Test sequence begins after Nautilus GPS has acquired position.
- 4 Approximately 20s after acquiring position the ORANGE Indicator will stop flashing (on solid) and Nautilus GPS will transmit a low power Routine Own Ship Position Report.

This message will be received by all surrounding vessels with AIS receivers. As well, if you have programmed a vessel MMSI (see page 7), the message will be received on the vessel's VHF radio.

- 5 Low Battery indicated by alternate sequencing of ORANGE – RED indicators. Replace batteries before next use.
- 6 Good Battery indicated by Nautilus GPS returning to IDLE.

## MAINTENANCE

Check the O-ring carefully for dust or contaminants before submerging the unit. Applying a very sparing application of lubricant to the piston o-ring can be beneficial.



## BATTERY INFORMATION



The batteries should be replaced per the battery vendor's expiry date as printed on the batteries and recorded on the back label or after TEST mode battery change notice (alternating RED and Yellow LEDs). Replacing the batteries requires a Philips #1 head screw driver and a clean, non lint surface. We recommend using Panasonic CR123A 3V batteries. Lower quality batteries may have a reduced lifespan.

### How to install batteries



Unscrew two screws on top cap



orientation +/- symbols) Insert two batteries



Put screws back

## REWINDING ANTENNA

To rewind the antenna, after use of the Nautilus GPS, use the tool provided in the box. Pass the end of the antenna through the slot of the rewinding tool. Insert the tool into the open space of the top cap. Continuously turn the tool clockwise to fully spool the antenna back into place. Remove the tool and replace the antenna retainer.

**SPECIFICATIONS**

AIS Transmit Power: 1 Watt
AIS Frequency: 161.975 and 162.025 MHz
DSC Transmit Power: 0.5 Watt
DSC Frequency: 156.525 MHz
Messages: Individual Distress Relay, Distress Alert
Environmental Temperature Range: -20°C ~ +55°C
Waterproof Depth: 425 feet (130 meter) sea water with dive cap closed Splashproof with dive cap open
Dimensions: 2.9 x 3.8 x 1.5 inch (75 x 97 x 39mm)
Weight: 4.6 oz (131g) after inserting two batteries



This radio device is designed to only provide an effective alerting and locating capability in close proximity to a vessel. This radio beacon is NOT an EPIRB.

 **Proudly made in Canada**



WARNING: The FCC / The Industry Canada regulations provide that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.