NAUTILUS LIFELINE™
MARINE RESCUE GPS

QUICK START GUIDE TO ACTIVATE HELP

1. Open the dive cap by releasing the latch.
2. Press the blue button to power on the LifeLine 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.

The Nautilus LifeLine is an aid to your safety. It is not a life-saving device.
It is not intended to save your life.

OPERATION

- ✻ Ensure that your LifeLine GPS has two CR123 batteries installed.
- ✻ Batteries should be within the marked expiry date.

1 Open the dive cap by releasing the latch

2 Press the blue button: LifeLine 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.

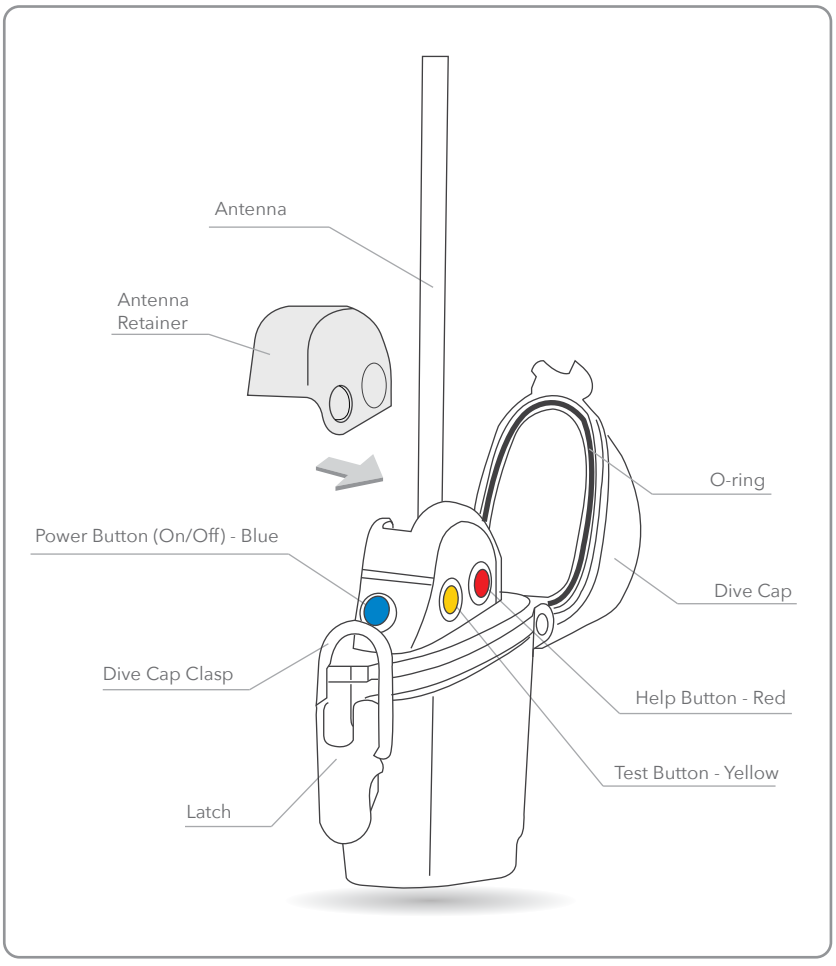
- User can press red "H"elp button at any time – not necessary to wait for GPS to find location

4 Hold the red "H"elp button for 5 seconds to begin distress transmission

a. Red LED indictor 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)

* To prevent false alerts the LifeLine GPS will wait 20s before start of first transmission sequence (Red LED on solid)



WHAT'S INCLUDED

Nautilus LifeLine
Marine Rescue GPS

Proprietary Tool
(Antenna winder)

Online Manual
www.NautilusLifeLine.com

IMPORTANT!

The Nautilus LifeLine 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.
- DSC functionality may be disabled in certain countries subject to regulations.
- Dive cap should remain sealed unless in distress situation or when performing self-test.
- Do not open dive cap underwater.
- Performing a self-test will reduce the battery life. Do not perform a self-test more than once per month.
- Ensure that the O-rings are always clean and free of contaminants.
- In the case of accidental activation, the user should deactivate the LifeLine 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.

MMSI

* USER MID

Each LifeLine 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 LifeLine GPS.

* VESSEL MMSI CONFIGURATION

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 LifeLine GPS. This allows your LifeLine GPS to send a DSC distress call directly to the vessel VHF radio.

Note: AIS distress sequence will still be transmitted without vessel MMSI number entered.

MMSI PROGRAMMING (SMARTPHONE)

1. Download and install Nautilus LifeLine GPS MMSI Programming App from Google Play or Apple iTunes
2. Start the App and enter Own Ship's MMSI, Group MMSI, and Country
3. Press and hold LifeLine GPS Test Button for 15s (subject to change). The ORANGE indicator will come on solid at 5s. The White Strobe will flash once when LifeLine GPS is in MMSI programming mode.
4. Lay LifeLine GPS face down with Label pointing up
5. Aim your mobile phone's flashlight at LifeLine GPS and press PROGRAM. Your mobile phone's flashlight will flicker. Try not to move the phone during the programming sequence.
6. LifeLine GPS flashes the white strobe LED twice when successfully programmed and returns to IDLE state. If no valid programming sequence received after 60s, LifeLine GPS returns to IDLE state.

MMSI PROGRAMMING (PC/MAC) – Coming Soon

BATTERY COUNTER RESET – Coming Soon

SELF-TEST

TEST SEQUENCE WITH OWN SHIP'S MMSI PROGRAMMED

1. Press and hold LifeLine 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
   - o Slow flashing indicates no acquired position
   - o Fast flashing indicates acquired position
3. Test sequence begins after LifeLine GPS has acquired position.
4. Approximately 20s after acquiring position the ORANGE Indicator will stop flashing (on solid) and LifeLine GPS will transmit a low power Routine Own Ship Position Report. This message will only be received by close proximity Marine VHF radios.
5. Low Battery indicated by alternate sequencing of ORANGE – RED indicators. Replace batteries before next use.
6. Good Battery indicated by LifeLine GPS returning to IDLE

TEST SEQUENCE WITHOUT OWN SHIP'S MMSI PROGRAMMED (NOT RECOMMENDED)

1. Press and hold LifeLine 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
   - o Slow flashing indicates no acquired position
   - o Fast flashing indicates acquired position
3. Test sequence begins after Lifeline GPS has acquired position.
4. Approximately 20s after acquiring position the ORANGE Indicator will stop flashing (on solid) and Lifeline GPS will transmit a low power Routine All Ships Position Report. This message will only be received by close proximity Marine VHF radios.
5. Low Battery indicated by alternate flashing of ORANGE – RED indicators. Replace batteries before next use.
6. Good Battery indicated by Lifeline GPS returning to IDLE

MAINTENANCE

Check the O-ring carefully for dust or contaminants before submerging the unit. Applying a very sparing application of silicone grease 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). The Battery Counter must be reset using the MMSI programming app or else the alternating battery yellow - red LEDs will continue to indicate replacements are required. Replacing the batteries requires a Philips #1 head screw driver and a clean, non lint surface.

REWINDING ANTENNA

To rewind the antenna, after use of the LifeLine 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.

HOW TO INSTALL BATTERIES

Unscrew two screws on top cap

Insert two batteries
(Need to install with proper orientation +, - symbols)

Put screws back

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
Dimensions: 2.9 x 3.8 x 1.5 inch (75 x 97 x 39mm)
Weight: 4.6 oz (131g) with 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

CE 2200

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.