

Nautilus Lifeline

VHF-GPS Radio for Divers

Operations Manual



Model: DIVER

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Email: info@nautiluslifeline.com

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

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Introduction

Thank you for your purchase of a Nautilus Lifeline VHF-GPS Radio for Divers! Your unit is ready for immediate use as a fully functional marine VHF radio and GPS. You can talk on the radio on either of the following:



- **Chat Button:** Pre-set to channel 8, or adjustable to any marine VHF frequency



- **Hail + Distress Button:** Pre-set to channel 16, the international hail and distress channel

NOTE: You can operate your Nautilus Lifeline immediately. Before using, check the O-ring to ensure it is clean and free of any dirt or contaminants.

Not all features are available before you register your Lifeline unit.

Connect your unit by the included USB cable to your computer and visit www.nautiluslifeline.com to register your warranty, activate distress mode, and enter a Maritime Mobile Service Identify (MMSI) number. See *Register Your Nautilus Lifeline* on page 11.

About this Manual

We encourage you to read through this operations manual before using your Nautilus Lifeline VHF-GPS Radio for Divers. This will help you get the full benefits from all of your unit's features and understand the safe and proper way to use it.

The label **WARNING!** identifies conditions that could result in personal injury or loss of life, or cause damage to your Nautilus Lifeline.

The labels **IMPORTANT** and **NOTE** alert you to information that is important to proper assembly, operation, or maintenance of your Nautilus Lifeline.

Important Safety Considerations

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

Federal Communications Commission Notice

This unit has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the Federal Communications Commission (FCC) Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced marine electronics technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

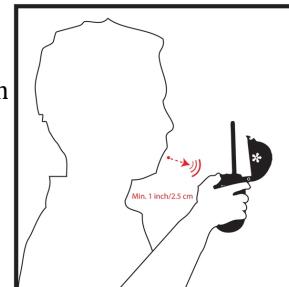
Unauthorized changes or modifications to this equipment may void compliance with the FCC Rules.

Radio Frequency Exposure Safety Statement

Your wireless handheld portable transceiver contains a low-power transmitter. When the push-to-talk button is pushed, the transceiver sends out radio frequency (RF) signals. In August 1996, the FCC adopted RF exposure guidelines with safety levels for handheld wireless devices. This device is authorized to operate at a duty factor not to exceed 50% (this corresponds to 50% transmission time and 50% reception time).

WARNING! To maintain compliance with the FCC's RF exposure guidelines, this transmitter and its antenna must maintain a separation distance of at least 1 inch (2.5 centimeters) from your face. Speak in a normal voice, with the antenna pointed up and away from your face at the required separation distance.

Use only the supplied antenna. Unauthorized antennas, modifications, or attachments may damage the transmitter and violate FCC regulations.



Operator Warnings

WARNING! Unauthorized use, changes, or modifications to the Nautilus Lifeline may result in violations of FCC Rules.

WARNING! Disassembly and repair of the Nautilus Lifeline should only be performed by the manufacturer. Any modification of the serial number or attempt to repair the original equipment or accessories by unauthorized individuals will void the warranty.

WARNING! The Nautilus Lifeline radio is capable of transmitting on the very high frequency (VHF) marine band. Use of the VHF marine band is permitted on water only. Use of the VHF marine band on land is prohibited. If the VHF marine band is used on land and interferes with others communicating, authorities may be notified and search for the interference. Responsible parties found to be transmitting on the VHF marine band on land may be fined.

The following communications are prohibited:

- False distress or emergency messages
- General messages (messages not addressed to a particular station), except in an emergency or if you are testing your radio
- Transmission while on land
- Messages containing obscene, indecent, or profane language (potential fine of \$10,000)

Licensing

You may need a licence to operate your handheld VHF radio. Contact your local authorities before using your unit to ensure that you are complying with the rules and regulations in your area.

Maritime Mobile Service Identity

A Maritime Mobile Service Identify (MMSI) number is a nine-digit number used on marine radios like your Nautilus Lifeline that are capable of using digital selective calling (DSC). It is used like a telephone number to selectively call other vessels.

Many countries (but not all) allow use of MMSI numbers. You must apply to your local authorities to obtain an MMSI number:

- In the United States, register at: <http://www.boatus.com/mmsi> or http://seatow.com/boating_safety/mmsi.asp.
- In Canada, visit:
<http://www.ic.gc.ca/epic/site/smt-gst.nsf/en/sf01032e.html> or
<http://www.usps.org/php/mmsi/rules.php>.

- In Europe, check with the local marine regulatory authority in your country for assistance.

To enter your MMSI number, see *Register Your Nautilus Lifeline* on page 11.

Parts Supplied

Before using your Nautilus Lifeline VHF-GPS Radio for Divers, make sure that the following parts are included in the box:

- One Nautilus Lifeline
- USB adapter cable
- USB port cover
- Clip (attached to unit)
- Antenna (installed on unit)
- Quick Start Guide

If any of these items are missing, contact your dealer or Nautilus Lifeline (see *Customer Support* on page 21).

Optional Accessories

The following optional accessories are available for the Nautilus Lifeline:

- DIVER Pouch
- Spare DIVER O-rings
- Extended Warranty

NOTE: These accessories are available online by visiting our website at www.nautiluslifeline.com or calling customer support at 001-604-241-1918. You can also check with your local dealer to place an order.

How the Radio and GPS Work

<i>Very High Frequency Radio</i>	Very high frequency (VHF) radio is the most common method of communicating with other boats. Part of the radio spectrum has been allocated specifically to maritime users, and this VHF marine band is the same worldwide.
<i>Digital Selective Calling</i>	Digital selective calling (DSC) is an advanced, computerized form of VHF radio designed for marine use. When a distress call is made by pressing just one button on the radio, your identification and location may be automatically transmitted to the Coast Guard and other vessels in the area with a modern VHF radio. <i>This function is only for emergency use.</i>
<i>Maritime Mobile Service Identity Number</i>	A Maritime Mobile Service Identity (MMSI) number is a nine-digit number used on marine radios like your Nautilus Lifeline that are capable of using digital



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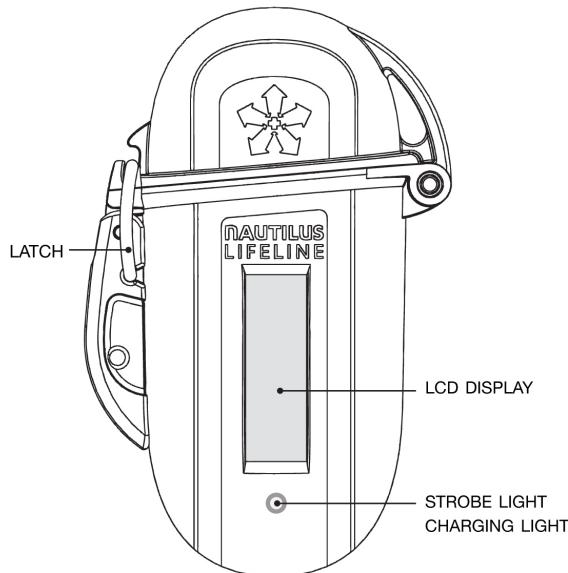
selective calling (DSC). It is used like a telephone number to selectively call other vessels. For more information, see the following:

- To obtain an MMSI number: see *Maritime Mobile Service Identity Number* on page 5
- To enter your MMSI number, see *Register Your Nautilus Lifeline* on page 11

Global Positioning GPS, short for Global Positioning System, is a means for locating any point on the earth. On your Nautilus Lifeline, it allows your latitude and longitude position to be acquired as long as you have a clear view of the sky. This ensures that you can be found even without communicating your position.

Controls and Features

Front of Unit



Polycarbonate Housing Provides waterproof protection to a depth of 425 feet (130 meters) so you can take your Nautilus Lifeline with you on every dive.

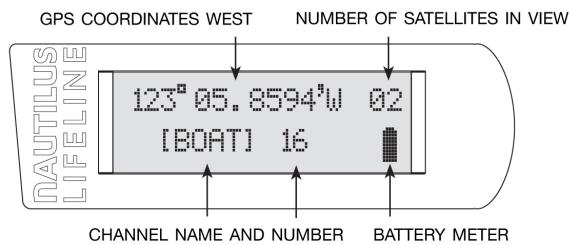
Clip Conveniently and securely attaches the Nautilus Lifeline to a D-ring. For ultimate convenience, order a DIVER Pouch.

GPS Receiver Jupiter 3 GPS receiver shows your latitude and longitude on the LCD screen.

Strobe Light Flashes in distress mode to indicate diver position. Especially useful after sunset.

Charging Light Turns on when the unit is being charged and turns off when unit has fully charged.

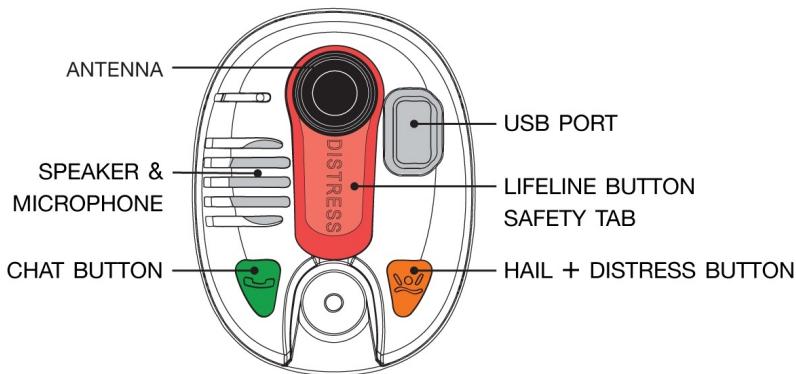
LCD Screen Shows GPS coordinates, number of satellites in view, channel in use, and battery level. When scrolling through the menu, the screen shows volume, squelch, and channel selection.



Rechargeable Battery 1850 mAh Lithium ion battery connects to any USB charger. The battery provides 30 minutes of talk time plus 24 hours of distress mode.



Top of Unit with Cap Open



<i>VHF Whip Antenna</i>	Waterproof to IP67 standards. The antenna's range can be further extended by holding the unit above your head in distress mode. When your unit is not in use, store it with the cap open and antenna fully extended.
<i>Speaker / Microphone</i>	Splash-proof and functional in all sea conditions. Do not submerge. If incoming transmissions are muffled, hold unit upside down and gently tap on speaker grill to dislodge trapped or standing water.
<i>Chat Button</i>	Allows you to chat to your dive boat or other divers on a regular transmission channel, or to change the channel to any marine VHF frequency.
<i>Hail + Distress Button</i>	Allows you to talk to every boat within range on channel 16, the universal hail and distress channel on every marine radio worldwide. Users can change this channel to any marine VHF frequency. Software embedded in the unit prevents you from accidentally jamming the channel.
<i>Lifeline Button</i>	Allows you to transmit a distress message and your GPS coordinates by using FindMe™ Technology. Your message will usually be shown on the screen of boats with modern marine radios, or a group call will be made to all radios pre-set to the same MMSI number. Their radios should automatically switch to channel 16, alarms sound, lights flash, and your GPS coordinates and emergency message should be shown on the screen of each radio. This function varies according to country and certification.
<i>USB Port</i>	For recharging the battery. Also allows you to connect to a computer to change advanced settings or download a GPS log of dive sites.

Before You Start

Your unit is ready for immediate use as a fully functional marine VHF radio and GPS. You can talk on the radio on either of the following:



- **Chat Button:** Pre-set to channel 8, or adjustable to any marine VHF frequency



- **Hail + Distress Button:** Pre-set to channel 16, the international hail and distress channel

To activate all applicable features, follow the instructions under each section below:

- Check the unit
- Charge the unit
- Install the software
- Register your Nautilus Lifeline
- Adjust settings with Lifeline software

Check the Unit

Check the O-ring carefully for dust or contaminants before submerging the unit. Very sparing application of silicone grease can be beneficial. Also make sure the USB cover is firmly in place.

Charge the Unit

Your Nautilus Lifeline comes from the factory with a partial charge. You can charge it by connecting it to a USB charger or to any computer. To charge your unit:

- 1 Open the cap on the unit.
- 2 Remove the protective cover over the USB port.
- 3 Plug the USB cable into the unit and into a USB charger or the USB port on your computer.
- 4 Leave the unit plugged in until it is fully charged. Charging usually takes 4-5 continuous hours. A green LED indicator will turn on while the unit is charging. When charging is complete, the indicator will turn off.
- 5 When finished, disconnect the USB cable and carefully replace the cover over the USB port on the unit.

IMPORTANT: You must charge your unit every 6 months. Make sure your unit goes no longer than 6 months without a charge. Prolonged periods of inactivity may result in severe battery depletion. It is very important to the operation of your unit that the battery receive a charge every 6 months. Fully charge your unit before storing for long periods of time. If battery becomes completely depleted please return unit to manufacturer for maintenance.

Install the Software

To activate all applicable features, you will need to download the software from the Nautilus Lifeline website and install it to activate all functions. To download and install the Nautilus Lifeline software on your computer:

- 1 Make sure that your computer is connected to the Internet and that your unit is connected to the computer with the USB cable.
- 2 Go to www.nautiluslifeline.com and download the Nautilus Lifeline software.
- 3 Follow the instructions on your screen for installing the software.
- 4 When finished, disconnect the USB cable and carefully replace the cover over the USB port on the unit.

Register Your Nautilus Lifeline

To activate all applicable features, you will need to use the included software to register your unit, validate warranty, select your country, activate distress mode (if applicable), and enter an MMSI number. To do this:

- 1 Make sure the unit is connected to the computer with the USB cable.
- 2 Open the Nautilus Lifeline software on your computer.
- 3 Follow the instructions for validating your warranty. Be sure to accurately fill out the required fields and carefully read the Limited Liability.
- 4 You must register your Nautilus Lifeline to use the distress mode function on your unit. The distress mode function varies according to country and certification. Contact your local authorities before using this function

After Registration

- 1 Select your region.

IMPORTANT: Your unit must always be set to the country where you are using it. If you travel to a different country, make sure to reset your unit to that country

- 2 If you have already obtained an MMSI number, enter the number correctly. For information on obtaining an MMSI number, see *Maritime Mobile Service Identity* on page 5.

NOTE: You must enter an MMSI number to have full use of the distress mode function. You can only enter your MMSI number once, and you can only enter one MMSI number. If you need to change it or add a new MMSI number, contact Nautilus Lifeline to reset your unit. See *Customer Support* on page 21.

When finished, disconnect the USB cable and carefully replace the cover over the USB port on the unit.

Getting Started

To start using your Nautilus Lifeline, follow the instructions under each section below:

- Open the cap
- Extend the antenna
- Turn the unit on
- Use the menu
- Turn the unit off

Open the Cap

IMPORTANT: Only open the cap if you are at the surface. Do not open the cap underwater. GPS and radio functions may only be used at the surface.

When the cap is open the unit splash-proof and can be used at the surface in any sea state. Do not submerge the unit with the cap open. When the cap is closed, the unit is submersible to 425 feet (130 metres).

Extend the Antenna

The whip antenna can be flipped up when the cap is opened.

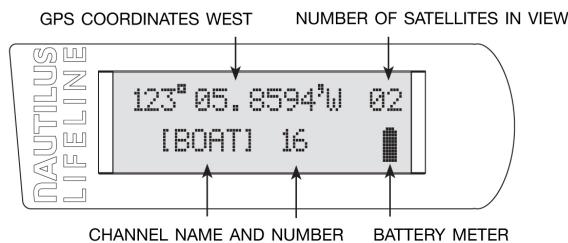
NOTE: You can maximize the range of your unit in distress mode by fully extending your arm upwards and holding the unit as high above your head as possible.

Power On

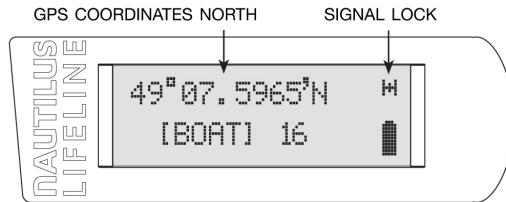


Opening and closing the cap on your unit does not turn it on or off. To turn on your unit, open the cap and press the **Chat Button** once.

Once your unit is turned on, the home screen will appear and the GPS will automatically acquire your latitude and longitude position as long as you have a clear view of the sky.



The screen flashes coordinates from west to north. Coordinates are locked when the screen shows your position and a plus sign |+| in the top right corner.



NOTE: When the unit is turned on for the first time, triangulation may take longer than normal. The next time, the GPS will take less time to lock. We recommend turning on your radio when arriving at a new dive destination so it acquires an accurate position.

Use the Menu



To access the menu options or to return to the home screen at any time, press the **Chat Button** and **Hail + Distress Button** at the same time.

To scroll through the menu options, press the **Chat Button**

To select a menu option, press the **Hail + Distress Button**.

Power Off

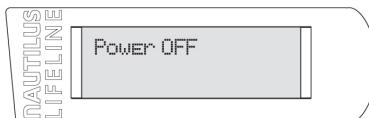
If no buttons are pressed for more than 5 minutes while your unit is on, it automatically turns off. You can change this auto-off time using the software on your computer (see *Selecting and Adjusting Settings on the Computer* on page 16).

To manually turn off the Nautilus Lifeline:

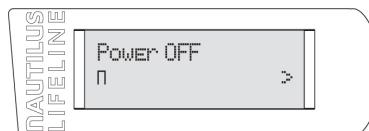


1 Press the **Chat Button** and **Hail + Distress Button** at the same time.

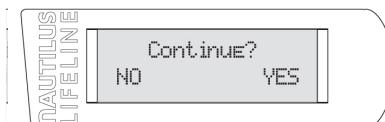
2 Scroll through the menu by pressing the **Chat Button**. When you reach the "Power OFF" option, press the **Hail + Distress Button**.



3 When the screen shows an arrow, press and hold the **Hail + Distress Button** for 2 seconds.



4 When prompted to continue, press the **Hail + Distress Button** to select "YES" and turn the unit off, or the **Chat Button** to return to the home screen.



Using the Radio

To use the radio on your Nautilus Lifeline, follow the instructions under each section below:

- Chat to other boats or divers
- Change the chat channel
- Hail boats in the area
- Change the boat channel

Chat to Other Boats or Divers



Use the **Chat Button** to talk to your dive boat or other divers on a regular transmission channel. To talk on the Chat Button channel:

- 1 Press and hold the **Chat Button**. The radio will switch to transmit mode.
- 2 Talk clearly into the speaker / microphone area of the radio. When you are transmitting, the screen shows the channel that it is transmitting on and the letter "T." Wait 3 seconds before speaking.
- 3 When finished transmitting, release the button. You must release the button to listen to incoming transmissions.

NOTE: If incoming transmissions are muffled, hold unit upside down and gently tap on speaker grill to dislodge trapped water.

NOTE: The **Chat Button** channel is not available at lower battery levels. While transmitting a message, the radio cannot receive a call.

Change the Chat Button channel

The **Chat Button** channel is pre-set to channel 8. To change the **Chat Button** channel to any marine VHF frequency:

- 1 Press the **Chat Button** quickly 3 times.
- 2 Scroll through the channel options by pressing the **Chat Button**.
- 3 Press and hold the **Chat Button** to confirm the channel and return to the home screen.

Hail Boats in the Area



Use the **Hail + Distress Button** to talk to boats within range on channel 16, the universal hail and distress channel on every marine radio worldwide. Every boat in the world is required to monitor this channel. To talk on channel 16:

- 1 Press and hold the **Hail + Distress Button**.
- 2 Talk clearly into the speaker / microphone area of the radio. When you are transmitting, the screen shows the channel that it is transmitting on and the letter "T." Wait 3 seconds before speaking.
- 3 To listen, or when finished transmitting, release the button.



NOTE: The **Hail and Distress Button** is not available in distress mode when less than 24 hours of battery life remain. While transmitting a message, the radio cannot receive a call. Software embedded in the unit prevents you from accidentally jamming the channel.

NOTE: If incoming transmissions are muffled, hold unit upside down and gently tap on speaker grill to dislodge trapped water.

Minimum transmission time is pre-set to 10 seconds. After 20 seconds of transmitting, the radio will automatically cut out.

Change the Hail + Distress Button channel

The **Hail + Distress Button** is pre-set to channel 16. To change to channel 9, 14, or any other channel that you have pre-selected:

- 1 Press the **Hail + Distress Button** quickly 7 times.
- 2 Scroll through the channel options by pressing the **Hail + Distress Button**.
- 3 Press and hold the **Hail + Distress Button** to confirm the channel and return to the home screen.

Transmitting a Distress Message

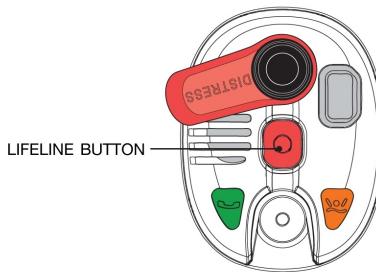
Use distress mode to transmit an alarm and your GPS position to stations within range that are equipped with a modern VHF marine radio.

NOTE: The distress mode function varies according to country and certification. Contact your local authorities before using this function.

NOTE: This feature is not activated until your Nautilus Lifeline has been registered online. Please visit www.nautiluslifeline.com to do register your unit.

Turn Distress Mode On

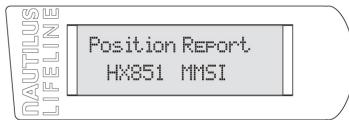
To turn distress mode on, slide the safety tab over, then press and hold the **Lifeline Button** for at least 3 seconds.



NOTE: The distress mode function is available as long as there is any battery life.

With successful activation, the strobe light starts flashing and the screen shows the message "distress mode on."

Stations within range that are equipped with a modern VHF marine radios should automatically switch to channel 16, alarms sound, lights flash, and your GPS coordinates and brief message should be shown on the screen of each radio.



NOTE: To maximize the range of your unit in distress mode, fully extend your arm upwards and hold the unit as high above your head as possible.

Turn Distress Mode Off

To turn distress mode off, press and hold the **Lifeline Button** for more than 3 seconds. The screen will show the message “distress mode off.”

IMPORTANT: Remember to turn distress mode off, as it will continue to broadcast emergency messages until it is turned off.

Selecting and Adjusting Settings on the Computer

You can select and adjust settings on your unit on the computer or on the unit (see *Selecting and Adjusting Settings on the Unit*). To use the included software on your computer:

- 1 Connect your unit to the computer using the USB cable.
- 2 Open the Nautilus Lifeline software on your computer. (For information on downloading and installing the software, see *Install the Software* on page 10.)
- 3 Click on the **Advanced** tab to do the following:
 - Adjust volume or squelch
 - Adjust the amount of time before the unit automatically turns off (default auto-off time is 5 minutes)
 - Change the **Chat Button** channel or **Hail + Distress Button** channel
 - Add country-specific channels to memory or delete channels from memory
 - Reset the radio
 - Add an MMSI (see *Register Your Nautilus Lifeline* on page 11)
- 4 When finished, disconnect the USB cable and carefully replace the cover over the USB port on the unit.

Manually Selecting and Adjusting Settings on the Unit

Follow the instructions under each section below to do the following on your unit:

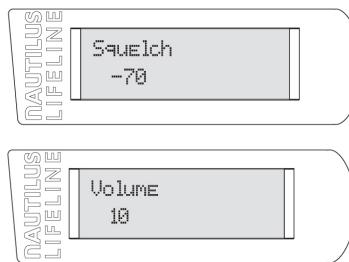
- Adjust volume and squelch
- Select GPS polling
- Change the **Chat Button** channel
- Change the **Hail + Distress Button** channel
- Reset the radio

Adjust Volume and Squelch

Squelch is used to eliminate static and background noise between transmissions, and allows silent operation of the radio until a transmission is received.

To adjust volume or squelch:

- 1 Press the **Chat Button** and the **Hail + Distress Button** at the same time.
- 2 Scroll through the menu by pressing the **Chat Button**. When you reach the “Squelch” or “Volume” option, press the **Hail + Distress Button** to lower the squelch or volume, or the **Chat Button** to raise it.



- 3 When satisfied with the setting, press and hold the **Chat Button** for 2 seconds to confirm and return to the home screen.

Select GPS Polling

Your unit may be polled by other DSC radios. If you turn your unit on, other radios that are in polling mode will show your GPS position.



Change the Chat Button channel

Your Nautilus Lifeline can store any VHF channel. The **Chat Button** is pre-set to channel 8. To change the **Chat Button** channel to any marine VHF frequency:

- 1 Press the **Chat Button** quickly 3 times.
- 2 Scroll through the channel options by pressing the **Chat Button**.
- 3 Press and hold the **Chat Button** to confirm the channel and return to the home screen.



Change the Hail + Distress Button channel

Your Nautilus Lifeline can store any VHF channel. The **Hail + Distress Button** is pre-set to channel 16, the international hail and distress channel. To change the **Hail + Distress Button** channel to any marine VHF frequency:

- 1 Press the **Hail + Distress Button** quickly 7 times.
- 2 Scroll through the channel options by pressing the **Hail + Distress Button**
- 3 Press and hold the **Hail + Distress Button** to confirm the channel and return to the home screen.

Reset the Radio

You can reset many radio settings back to the factory default settings. Resetting the radio will:

- Erase any channels stored in memory
- Return power settings to their original state

To reset the radio, press the **Chat Button**, **Hail + Distress Button**, and **Lifeline Button** at the same time.

Maintenance

Maintain the O-Rings

To lengthen the life of your unit and prevent accidental flooding, keep the o-rings clean of dirt, hair, and debris.

WARNING: Any dirt or contamination on the o-ring may result in damage or permanent failure of your Nautilus Lifeline.

Charge the Battery

The Nautilus Lifeline is a peripheral computing device. To prolong the life of your battery, you must charge your unit after every 6 months of inactivity. Over time, battery life may decrease as a result of inactivity.

IMPORTANT: You must charge your unit every 6 months. Make sure your unit goes no longer than 6 months without a charge. Prolonged periods of inactivity may result in severe battery depletion. It is very important to the operation of your unit that the battery receive a charge every 6 months. Fully charge your unit before storing for long periods of time. If battery becomes completely depleted please return unit to manufacturer for maintenance.

Replace the Battery

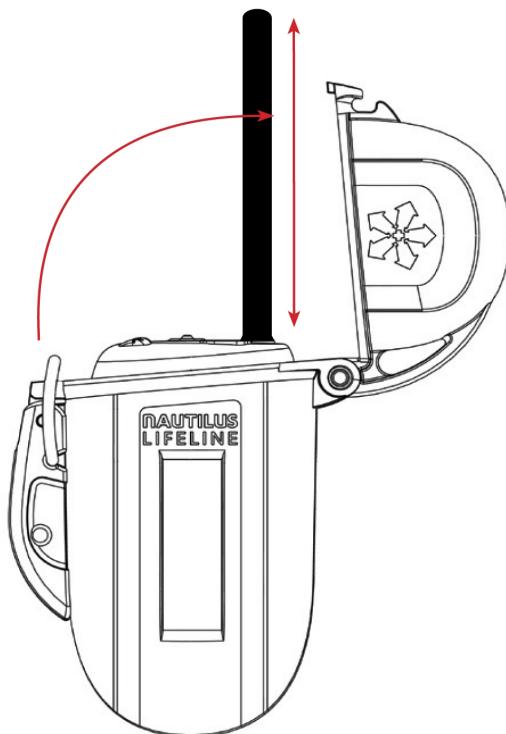
A 1850 mAh lithium ion battery is used to power the Nautilus Lifeline. Return your unit to the manufacturer if the battery needs to be changed. Any attempt to replace the battery by the user will void the warranty.

Rinse the Unit

Gently rinse your Nautilus Lifeline in fresh water after each use. Do not pressure blow-dry.

Store the Unit Open

Store the unit in a clean dry environment, clear of dust and contaminants and out of direct sunlight. To prolong the life of the o-ring and antenna, always store the unit with the top cap open and the antenna fully extended.



Troubleshooting

Please read the following troubleshooting guidelines. This may enable you to solve a performance problem yourself and avoid sending your unit back for repair.

If problems persist, do not attempt to repair the unit yourself. See the warranty for factory service information.

NOTE: Do not attempt to repair the Nautilus Lifeline yourself, as there are no user serviceable parts inside, and special tools and techniques are required for reassembly to maintain the waterproof integrity of the housing. Repairs should be performed only by authorized Nautilus Lifeline technicians.



NAUTILUS
LIFELINE

VHF-GPS Radio for Divers
Operations Manual v0.4 (June 2011)

Unit Does Not Power On

If your Nautilus Lifeline does not turn on:

- 1 Try resetting the radio by pressing all three buttons at once.
- 2 Connect your unit to a computer using the USB cable.
- 3 If the problem persists, contact Nautilus Lifeline directly. See *Customer Support* on page 21.

Warranty

The Nautilus Lifeline comes with a limited warranty. This warranty only applies if the unit has been registered online.

The Nautilus Lifeline limited warranty covers the correction of manufacturing defects and resulting damage only and is valid for 1 year from the date you take delivery of your unit. Without limiting the generality of the foregoing, this warranty does not cover physical misuse or abuse of your unit, including tampering by unauthorized persons or repair facilities, flooding as a result of customer misuse/neglect or improper care and maintenance, damage or flooding if the unit is submerged without the lid being properly latched or if the o-ring is not clean and clear of contamination.

IMPORTANT: THIS WARRANTY IS ONLY AVAILABLE TO THE ORIGINAL OWNER ON UNITS BOUGHT FROM AN AUTHORIZED DEALER AT MANUFACTURER SUGGESTED RETAIL PRICE (MSRP) OR MINIMUM ADVERTISED PRICE (MAP).

This warranty does not apply to a unit that has been:

- Improperly used
- Used for a purpose other than that recommended in the product installation and operation instructions
- Damaged or has failed because of an accident or abnormal operation
- Repaired or modified by entities other than Nautilus Lifeline

Please keep your original receipt as a proof of the purchase date. You must register your unit online within 30 days of purchase to qualify for the limited warranty.

Extended Warranty

TBA



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Warranty Returns

Returning Your Unit for Service

You should return your unit for service directly to Nautilus Lifeline. Prior authorization (RMA) to return your unit is required. Please call the service department at 001-604-241-1918 or on Skype at nautiluslifeline or email us at info@nautiluslifeline.com before returning your unit to receive your RMA number.

To return your unit for service, include the following in the package:

- Your name, RMA number, email address, telephone number, copy of dated sales slip and return shipping address, so we know who and where to send the unit back to
- A brief description of the problem

Include a copy of your dated sales slip for coverage under our warranty and replacement programs. If you have lost your sales slip, email us and if you are the original owner, we will do our very best to assist you.

If you request emergency service, we will try to meet the date you specify. Include a note with this information in the package so we know that it is an emergency when we receive it. Note that the cost of a rush emergency shipment is your responsibility. Please include your credit card information and authorization.

Make sure the unit is packed carefully. Return the package using an insured carrier to:

Nautilus Lifeline Ltd.
ATTN: Service Department
2nd Floor
Suite 1129
11871 Horseshoe Way
Richmond, British Columbia, Canada V7A 5H5

Customer Support

Contact Nautilus Lifeline in any of the following ways:

- Call **001-604-241-1918**
- Live chat at www.nautiluslifeline.com
- Email technical support at info@nautiluslifeline.com
- Skype **nautiluslifeline**

Specifications

Frequency Range:	156.025 MHz – 157.425 MHz
Channel Spacing:	25 KHz
Frequency Stability:	+/- 10ppm
Antenna Connector:	SMA
Antenna Impedance:	50 Ohms
Supply Voltage:	3.7V DC
Battery Capacity:	1850 mAh Li-on
Maximum RF Power:	1.85 Watts + 0dB / -3.5dB
Maximum Deviation:	+/- 5KHz
AF Output:	400 mW @ 8 Ohms for 10% THD
Operating Temperature:	-10C to +55C
Weight:	9.88 Oz (280 g)

NOTE: Product specifications and features are subject to change without notice.