

README

Nautilus Lifeline README.txt

Updated October 18, 2012
Current Software Revision: 0.3.50
Current Firmware Revision: 0.64

Have a look at <http://www.nautiluslifeline.com> for the latest news and updates for the Nautilus Lifeline.

Check our support section at <http://nautiluslifeline.com/support> for up to date manuals and support information.

WINDOWS INSTALLATION

Run the Lifeline-Setup.exe installer to install the Nautilus Lifeline Desktop Software. If you haven't already plugged in your Nautilus Lifeline, you will be prompted to do so during the installation.

windows may warn you about installing an unsigned driver. Choose "Continue Anyway" and continue the installation.

GENERAL OPERATION, ALL OPERATING SYSTEMS

FACTORY DEFAULT CONFIGURATION

Your Lifeline will come pre-configured, but there are a few instances where you may need to restore the Nautilus Lifeline to Factory Default configuration. You can do so by clicking on the "Restore Factory Default Configuration" button from the Advanced > Configuration tab. The factory reset takes about 20-30 seconds depending on your computer. Do not unplug your Lifeline during this time.

CHOOSING CHANNELS

A Lifeline with the initial configuration will have a number of commonly used channels in the chat list and three channels in the boat list. You should choose the Region where you intend to use the Lifeline from the "Choose a Region" box. You can also change the currently active chat channel from the "Choose Chat Channel" box on the right side of the General tab, or from the Advanced > Customize Channels tab. Choosing a Chat Channel on the General tab will automatically set this as the active chat channel on the Lifeline.

Changing channels on the Advanced > Customize Channels tab provides more configuration options than the General tab. This allows you to specify a subset of channels for use on the Green (Chat) or Orange (Hail + Distress) buttons, and to specify the currently active channel for either of these buttons.

Select multiple channels from the "Select Preferred Channels" list on the right, and click the "Sync to Hail Channel List" button to set these to the Hail + Distress button, or "Sync to Chat Channel List" to add these to the Green Chat button list. Choose a channel for each in the left side dropdown boxes, and click "Sync Channels to Lifeline" to update the channel options on the Lifeline. The Hail + Distress list will support a maximum of three channels.

README

BASIC SETTINGS

The Advanced > Settings tab has a number of basic settings:

- Volume - Volume of the radio
- Squelch Adjustment - Automatic or Manual. Using automatic mode is recommended for general use
- Squelch - Radio squelch setting (Manual Mode only)
- Timeout - Power-off timeout - Set the number of minutes before the radio shuts down with no user interaction
- Chat Off bat % - Percent battery power at which the Chat function is de-activated to conserve power
- Lifeline MMSI - MMSI number used when sending DSC messages
- Group Name - Name of the Group for Group Call feature
- Group MMSI - MMSI number used for Group Call

SOFTWARE SETTINGS

This page contains a number of settings for the Software, such as:

- Automatically Check for Updates - if checked, the software will try to check for updates shortly after the program is started.
- Export Points Anonymously - Specifies that GPS points are exported without any identifying personal information. The serial number of the unit will still be sent in this mode.
- Export with Personal Information - If this is checked name and email fields are required, and will be exported with the GPS points.
- Name - Your Name as you would like it exported with your GPS points.
- Email - Email that you would like exported with your GPS points.

This page also shows the Hardware, Firmware, Software, and Regions versions that you are using.

For example:

- Hardware:1.00 means you are running hardware version 1.00
- Firmware:0.64 means you are running firmware version 0.64
- Software: 0.3.50 means you are running software version 0.3.50
- Regions: 0.19 means you are using regions definition version 0.19

CONFIGURATION

The configuration page contains a number of more advanced features.

- Restore Factory Default Settings - will restore all settings to factory defaults, except your MMSI, registration status, and serial number.
- Update or Repair Firmware - this will erase the existing firmware and will load a new firmware file onto the Lifeline. There are a few possible errors that may be encountered during this process. See the Troubleshooting section below for an overview.
- Save Custom Settings - Choose a file to save your current settings.
- Restore Saved Settings - Choose a file to restore settings from.

If there is a new version of firmware for the Lifeline, you will be informed of this when you perform a Software Update check. If you choose to download and install the updated firmware, as is always recommended, the software will automatically perform the following steps for you. Please do not disconnect your Lifeline during the firmware update.

- 1) The Lifeline will have its firmware erased, and will be momentarily

README

- disconnected from the software and computer
- 2) It will reconnect to the computer as a USB drive onto which the updated firmware file will be copied
- 3) Once the file is copied, the Lifeline will reset itself and again momentarily disconnect from the computer
- 4) The Lifeline will re-connect to the computer with the up to date firmware loaded

NOTE! This is not currently available on the Mac version due to a known issue. We understand the frustration this causes our customers with Mac computers. If you are unable to find a Windows computer to update your firmware, please read "How to Run the Live CD on a Mac" at http://nautiluslifeline.com/support_troubleshooting_mac.

TROUBLESHOOTING

The Lifeline software has been well tested but you may still run into occasional errors. If you do encounter an error, please make note of the following information and contact our technical support team:

- a) what was being done at the time,
- b) what button was pressed immediately before the error/problem happened,
- c) whether the error is a typical message box, or a larger window with "Error" information, and
- d) anything else that may be relevant to the error and/or problem.

Firmware Update is currently not available on Mac version of software!

The following are some errors you may encounter during the Firmware Update process.

Error: The Lifeline is unstable, please reset by pressing all three buttons at the same time.

Solution: The lifeline encountered an error loading the firmware. Press all three buttons on the Lifeline to reset it, then try the firmware update again.

Error: Cannot Find Lifeline USB Drive

Solution: The Lifeline was not found as a USB drive plugged into the computer. Reconnect the USB cable and click the "Update or Repair Firmware" button again.

Error: Lifeline has been found as a USB Drive. Do you want to repair the firmware?

Solution: This would happen when you initially start the Lifeline software if a Lifeline USB drive is detected. Click "Yes" to try to update the firmware, or click "No" to do nothing.

If the "Update or Repair Firmware" process does not work for you, you may wish to manually update the Lifeline firmware. To do so:

- 1) When connected to the Lifeline software, click the "Erase Firmware" button.
- 2) The Lifeline firmware will be deleted, and will re-connect to your computer as a USB drive labelled "LIFELINE".
- 3) Copy and paste a new firmware file onto the Lifeline USB drive and wait for the usb drive to disappear, and the Lifeline to reappear.
- 4) The software will automatically reconnect to the Lifeline when the Lifeline restarts.