



Sirius-3
GMDSS tri-channel Navtex Receiver
User Manual



Preliminary Version

Side 2

Blank

Side 3

Congratulations with your new Sirius-3 GMDSS Navtex with touch screen operations.

Disclaimer

Sirius is a brand name owned by Polaris Electronics A/S, Denmark.

We reserve the right to change specifications and instructions given in this manual without notices.

No liability can be accepted for any inaccuracies or omissions in the manual, although every care has been taken to make it as complete and accurate as possible.

This manual includes firmware release February 2010.

Side 4

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Safety notices

Before installation please read the Installation Manual carefully. The equipment must be 10-32 V DC powered only.

Do not open the Sirius-3 or the active antenna. Unauthorized opening will invalidate the warranty.

The equipment is designed for operation in temperatures between -15° C and +55° C. Do not use the navtex in temperatures which exceed this range.

The Sirius-3 is waterproof from the front only.

A navtex is an aid to safe navigation and should not lead to a reduction in the level of good navigation practice.

The propagation of radio signals may vary over time. No liability can be accepted for the non reception of navtex messages.

Compass safe distance is 75 (to be verified) cm. Do not install the navtex closer to magnetic compasses.

Connection to a source of UTC data to NMEA 0183 is recommended for the best operation and automatic date-time information.

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About Sirius-3

Your Sirius-3 has been designed to meet all requirements for use on board a SOLAS convention vessel.

The navtex has three separate receiver channels, 490 kHz, 518 kHz and 4,209.5 kHz, for simultaneous reception of navtex messages. It can be set up to filter stations and/or message types that are not required by the user, however, some message categories at 518 kHz are mandatory and cannot be switched off.

There is no on/off switch, as the equipment must always be must turned on, so that navtex messages are received even in port. If the equipment is installed with an external switch at the main electrical switchboard, please, be sure that the equipment is turned on at least one hour before departure.

Touch screen

The touch screen is the only Man-Machine-Interface.

The screen is designed for fingertip operation only. Please, do not use sharp instruments when keying the icons or texts.

Operation

When your Sirius-3 is properly installed and tested the equipment is very easy to use.

The following icons are used:



Press to switch between daylight and night colours and brightness.



Press to select filters, systems settings etc.



Press to select a listing of all received messages. It is possible to select a single message from the list by touching it. Furthermore, you can select or deselect 490 and/or 4,209.5 kHz messages in the right side. You cannot deselect 518 kHz, as the monitoring of the frequency is mandatory.



Press to select or accept.



Filter Coast Station(s) by designator and/or frequencies



Filter Messages by designators. Please note A, B, D and L are mandatory and will always be displayed



Locked messages. If messages are locked they can be deleted here only and not by the delete all message icon.



Press to select the number of visible messages. A maximum of 1,000 messages are selectable, however, we recommend no more than 400.



Delete all messages. For safety reasons you have to confirm your choice. Please notice that locked messages cannot be deleted here.



Press for information about firmware versions, etc.



Home



Select Systems Settings, e.g. screen setup, sound, etc.



Press to select brightness and contrast



Choose if sound should be on/off when messages/alarms are received or when using touch screen. Furthermore, you can select Central Muting if connected.



Select printer on or off – if connected.




Press to adjust date and time if not connected to GPS or other UTC source.



See GPS status. If a printer is connected you can print current position with date and time (UTC).

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When the Sirius-3 is in standard receiving mode the latest navtex messages are shown on the screen. You can select a message by touching the text and then using  or you can double click on the message you want to read in full text.

If a message consists of more than 10 lines you can toggle up and down with the arrows in the right side.

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End of life statement

The European Waste Electrical and Electronic Equipment Directive aims to minimize the environmental impact from electrical and electronic devices when they reach end of life.

We strongly urge you to treat the equipment in accordance with local legislation when it becomes waste after end of life.

A Green Passport is downloadable from our web site www.polaris-as.dk

Declaration of Conformity

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WARRANTY

The Sirius-3 Navtex has a 24 months Warranty from the date of purchase.

WARRANTY SERVICE is available worldwide through authorized service dealers. Products returned will, at the sole discretion of Polaris Electronics A/S, either be repaired or replaced free of charge within normal working hours. Freight charges, insurance, duties or any other costs are the responsibility of the customer. Maximum liability shall not, in any case, exceed the contract price of the products claimed to be defective.

ON BOARD SERVICE can be arranged by Polaris Electronics A/S or local service dealers upon request. Labour costs for the repair/replacement of the defective modules/parts will be free of charge provided a valid warranty is confirmed. Overtime, travel, lodging, per diem, insurance, duties or any other costs are the responsibility of the customer. Additional expenses connected with replacement of antenna cable, dry docking and precautionary measures are not covered by this warranty.

VALIDITY: This warranty is effective only when proof of purchase and equipment serial number are presented. Furthermore, the installation and operation have to be carried out in accordance with the product manual. Warranty liability does not apply to any equipment which has become inoperative due to misuse, accident, neglect, sea water damage or unauthorized repair. Polaris Electronics will not be liable for any loss, incidental or consequential damages whether based upon warranty, contract or negligence, or arising in connection with the sale, installation, use or repair of the product. Consequential damages include, but are not limited to, any loss of profit, property damage or personal injury. The terms of warranty as described does not affect your statutory rights.

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