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B&G ZUES SR (10-inch)

B&G Zeus SR Chartplotters User Manual

Model: ZUES SR (10-inch)

Brand: B&G

1. Introduction

The B&G Zeus SR Chartplotter is an advanced marine navigation system designed for sailors. Featuring a powerful 8-core processor and a SolarMAX HD display, it offers a smooth, fast, and intuitive user experience. This manual provides essential information for the installation, operation, maintenance, and troubleshooting of your Zeus SR Chartplotter, ensuring optimal performance and longevity.



Figure 1.1: B&G Zeus SR Chartplotter 10-inch model.



Figure 1.2: Zeus SR Chartplotter in a sailing context.

2. Unboxing and Package Contents

Before beginning installation, carefully unpack all components and verify that all items are present. If any items are missing or damaged, contact your dealer immediately.

Included Components:

- Sun cover
- 4-pin power cable
- Gimble bracket
- Rear mount kit
- ZEUS SR MFD (Multi-Function Display)
- C-MAP DISCOVER® X Chart Card (AMER region only)

3. Setup

3.1 Physical Installation

The Zeus SR Chartplotter can be installed using either the included gimble bracket for surface mounting or the rear mount kit for flush mounting. Ensure the chosen location provides clear visibility, protection from direct sunlight and excessive moisture, and adequate ventilation. Refer to the detailed installation template provided in the packaging for precise cut-out dimensions for flush mounting.



Figure 3.1: Rear view with connection ports.

3.2 Electrical Connection

Connect the supplied 4-pin power cable to the corresponding port on the rear of the Zeus SR unit. Ensure the power source is a stable 12V DC supply, suitable for marine electronics. Observe correct polarity (red to positive, black to negative) to prevent damage. It is recommended to install an inline fuse appropriate for the unit's power consumption.

3.3 Initial Configuration

Upon first power-on, the unit will guide you through an initial setup wizard. This includes setting language preferences, time zone, and basic network configurations. Insert the C-MAP DISCOVER® X Chart Card into the designated card slot before initial use to ensure chart data is available.

4. Operating Instructions

4.1 User Interface Overview

The Zeus SR features a responsive SolarMAX IPS HD touchscreen for primary interaction. For precise control in challenging conditions, a rotary dial and dedicated keypad buttons are also provided on the side of the unit. The redesigned interface allows for quick navigation between applications and customizable home screens.

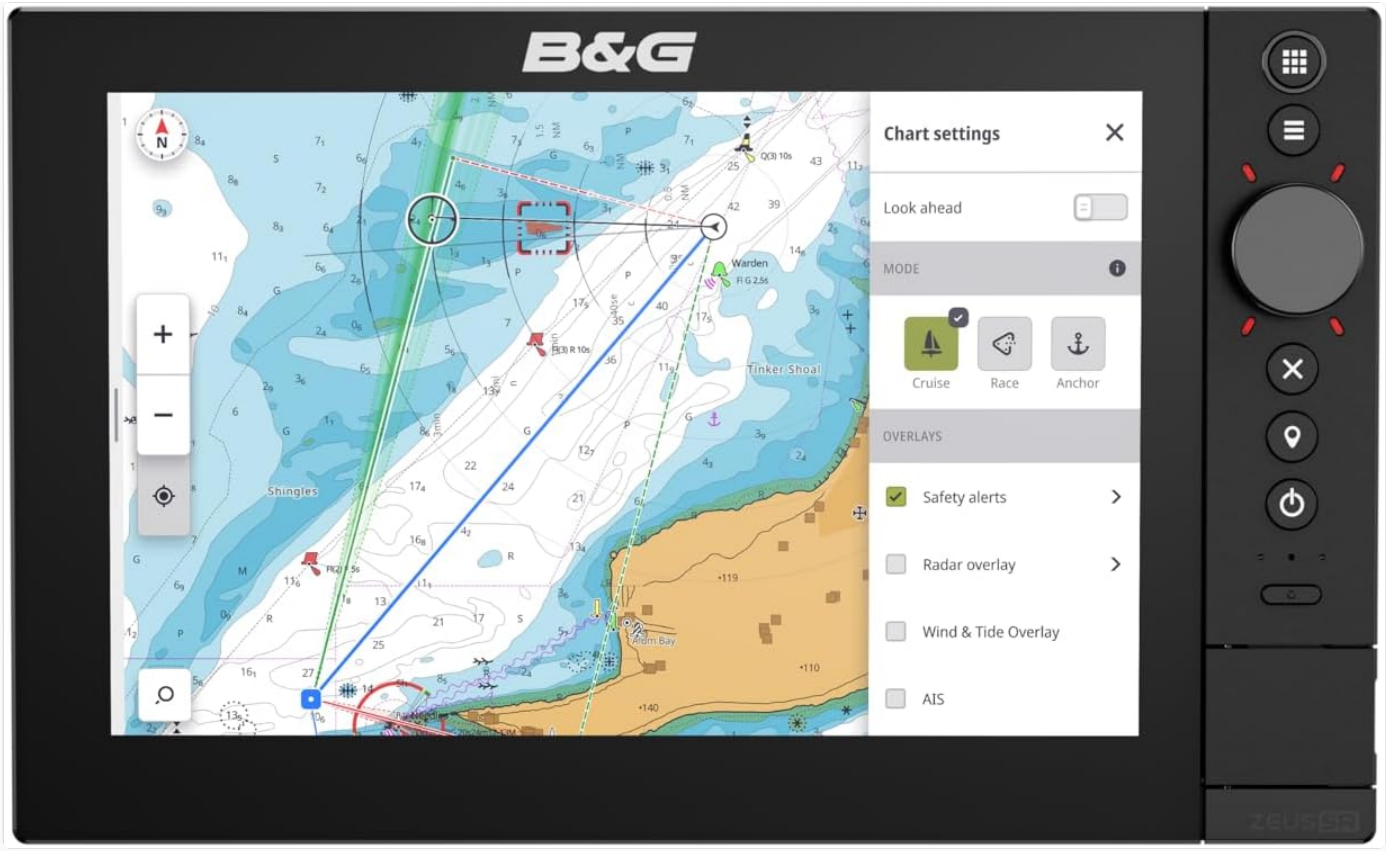


Figure 4.1: Main application menu.



Figure 4.2: Touchscreen interaction.



Figure 4.3: Rotary dial and keypad controls.

4.2 Core Functions

4.2.1 Charting and Navigation

Utilize the pre-loaded C-MAP Discover X chart card for detailed navigation. Create and manage waypoints, routes, and tracks directly on the display. Access various chart overlays such as safety alerts, radar overlay, and wind & tide information to enhance situational awareness.



Figure 4.4: Chart settings menu.



Figure 4.5: Detailed marine chart display.

4.2.2 Instrument Display

Monitor critical sailing data such as boat speed, wind speed and direction, depth, and course over ground. The instrument display can be customized to show the most relevant information for your current activity.



Figure 4.6: Customizable instrument display.

4.2.3 Radar Integration

The Zeus SR is compatible with HALO Radars, allowing for seamless integration of radar imagery directly onto your chart display. This provides enhanced collision avoidance and navigation capabilities, especially in low visibility conditions.

4.2.4 System Integration

The Zeus SR offers full integration with other B&G systems, including Triton 2 Sailing Auto Pilots, Triton 2 and Nemesis Instruments, various sensors, and sonar. It also supports mobile app integration for remote viewing and control, enhancing flexibility and convenience.



Figure 4.7: Mobile app integration.

5. Maintenance

5.1 Cleaning

Regularly clean the display and unit casing with a soft, damp cloth. For stubborn marks, use a mild, non-abrasive cleaning solution specifically designed for electronic screens. Avoid using harsh chemicals, solvents, or abrasive materials, as these can damage the screen coating and casing.

5.2 Software Updates

Periodically check the B&G website for software updates. Keeping your Zeus SR's software up-to-date ensures you have the latest features, performance enhancements, and bug fixes. Follow the instructions provided with the software update package carefully.

6. Troubleshooting

This section provides solutions to common issues you might encounter with your Zeus SR Chartplotter. For problems not listed here, or if the suggested solutions do not resolve the issue, please contact B&G customer support.

Problem	Possible Cause	Solution
Unit does not power on	No power supply; Blown fuse; Loose connection	Check power cable connection; Inspect and replace fuse if necessary; Verify battery voltage.
Display is dim or unreadable	Brightness setting too low; Direct sunlight glare	Adjust brightness settings in the menu; Reposition unit or use sun cover.
GPS position not acquired	Poor satellite signal; External GPS antenna issue	Ensure clear view of sky; Check external GPS antenna connection if applicable.
Touchscreen unresponsive	Screen dirty; Software glitch	Clean screen thoroughly; Restart the unit; Use physical buttons if available.

7. Specifications

Detailed technical specifications for the B&G Zeus SR Chartplotter (10-inch model).

Feature	Specification
Brand	B&G
Model Name	ZUES SR
Screen Size	10 Inches
Display Type	LCD (SolarMAX IPS HD)
Item Weight	4.23 Pounds
Product Dimensions (LxWxH)	12.43" x 4.68" x 7.73"
Color	Black
Material	Plastic
Manufacturer	NAVICO GROUP APAC LIMITED
Part Number	000-16021-001



Figure 7.1: Zeus SR Chartplotter product range.

8. Warranty and Support

The B&G Zeus SR Chartplotter comes with a**2 Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

For technical support, service, or warranty inquiries, please contact your authorized B&G dealer or visit the official B&G website for contact information and support resources. Providing your model name (ZUES SR) and part number (000-16021-001) will help expedite your support request.

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