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Raymarine E70637-00-NAG

Raymarine Axiom+ 9 RV 9-inch Fish Finder/Chartplotter

Model: E70637-00-NAG

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1. SAFETY INFORMATION

Read all safety warnings and instructions carefully before installing and operating the Raymarine Axiom+ 9 RV. Failure to follow these instructions may result in product damage, property damage, or serious injury.

- **Navigation Safety:** This device is an aid to navigation. It is the user's responsibility to use sound judgment and exercise caution. Always refer to official government charts and publications for safe navigation.
- **Power Connection:** Ensure correct polarity and fuse protection when connecting to the vessel's power supply. Incorrect wiring can cause damage or fire.
- **Mounting:** Mount the unit securely in a location that does not obstruct visibility or interfere with the safe operation of the vessel.
- **Water Exposure:** While the unit is designed for marine environments, avoid direct high-pressure water spray. Ensure all connections are properly sealed.
- **Proposition 65 Warning:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

2. SETUP & INSTALLATION

2.1 Unpacking and Inspection

Carefully unpack the Axiom+ 9 RV unit and inspect for any signs of damage. Retain all packaging materials for potential future shipping.

Note: This package does not include a transducer. A compatible transducer must be purchased separately for fish finder functionality.



Figure 1: Raymarine Axiom+ 9 RV unit. This image shows the front view of the 9-inch display unit, typically used for navigation and sonar.

2.2 Mounting Options

The Axiom+ 9 RV can be flush-mounted or bracket-mounted. Choose a location that provides clear visibility, easy access to controls, and protection from excessive heat or direct sunlight.

- **Flush Mounting:** Requires cutting a precise opening in the dashboard or console. Use the provided template for accurate cutting.
- **Bracket Mounting:** Attach the supplied trunion bracket to a flat surface using appropriate fasteners. The unit then clips into the bracket.

2.3 Power Connection

Connect the power cable to a 12V DC power source on your vessel. Ensure the circuit is protected by an appropriate fuse (refer to the full installation manual for fuse size recommendations). Connect the red wire to positive (+) and the black wire to negative (-).

2.4 Transducer Connection (Optional)

If you have purchased a compatible transducer, connect its cable to the designated transducer port on the back of the Axiom+ 9 RV unit. Ensure the connection is secure and waterproof.

2.5 Network Connections (Optional)

The Axiom+ 9 RV supports various network connections (e.g., NMEA 2000, Ethernet) for integration with other marine electronics. Refer to the full installation manual for detailed networking instructions.

3. OPERATION

3.1 Powering On/Off

- **Power On:** Press and hold the Power button (usually located on the front or side of the unit) until the Raymarine logo appears.
- **Power Off:** Press and hold the Power button until the power-off menu appears. Select "Power Off" or "Shutdown". A short press typically brings up a quick menu for brightness or standby.

3.2 Touch Screen Interface

The Axiom+ 9 RV features an intuitive multi-touch display. Common gestures include:

- **Tap:** Select items, open menus, activate buttons.
- **Drag:** Pan charts, move objects.
- **Pinch-to-Zoom:** Zoom in or out on charts and sonar displays.
- **Swipe:** Navigate between pages or menus.

3.3 Home Screen and Apps

The Home screen provides access to various applications (apps) such as Chart, Sonar, Radar (if connected), and Dashboard. Tap an app icon to open it.

3.4 Chartplotter Functions

- **Viewing Charts:** The unit comes with Navionics+ North America Charts. Pan and zoom to explore marine areas.
- **Creating Waypoints:** Tap on the chart to drop a waypoint. Edit its name and symbol as needed.
- **Route Planning:** Create routes by adding multiple waypoints. The system will calculate distance and bearing.
- **Go To/Follow Route:** Select a waypoint or route and choose "Go To" or "Follow Route" to initiate navigation.

3.5 Fish Finder (Sonar) Functions

Requires a compatible transducer (not included).

- **Sonar Views:** Access different sonar views such as traditional CHIRP sonar, DownVision, SideVision, and RealVision 3D (depending on transducer type).
- **Adjusting Settings:** Adjust gain, range, frequency, and color palette to optimize the sonar display for current conditions.
- **Identifying Targets:** Learn to interpret sonar returns to identify fish, bait, and bottom structure.

4. MAINTENANCE

4.1 Cleaning the Unit

- **Display:** Use a clean, soft, damp cloth to wipe the screen. For stubborn marks, use a mild glass cleaner applied to the cloth (not directly to the screen). Avoid abrasive cleaners or solvents.
- **Casing:** Wipe the casing with a damp cloth. Do not use high-pressure washers.

4.2 Software Updates

Periodically check the Raymarine website for software updates. Updates often include new features, performance improvements, and bug fixes. Follow the instructions provided with the update package for installation via a microSD card.

4.3 Storage

When storing the unit for extended periods, especially in cold climates, disconnect power and store in a dry, temperature-controlled environment.

5. TROUBLESHOOTING

This section addresses common issues you might encounter. For more detailed troubleshooting, refer to the full Raymarine Axiom+ manual or contact support.

Problem	Possible Cause	Solution
Unit does not power on.	No power, incorrect wiring, blown fuse.	Check power connections, verify fuse, ensure battery is charged.
No GPS position.	Poor satellite reception, internal GPS fault.	Ensure clear view of the sky. If problem persists, contact support.
No sonar image.	Transducer not connected, faulty transducer, incorrect sonar settings.	Verify transducer connection. Check sonar settings (gain, range). Ensure transducer is submerged.
Touch screen unresponsive.	Screen dirty, temporary software glitch.	Clean the screen. Restart the unit.

6. SPECIFICATIONS

Key technical specifications for the Raymarine Axiom+ 9 RV (Model E70637-00-NAG).

Feature	Detail
Model Name	E70637-00-NAG
Screen Size	9 Inches
Display Type	IPS (In-Plane Switching)
Power Source	Battery Powered (12V DC system)
Preloaded Charts	Navionics+ North America
Sonar Capability	Requires external transducer (not included)
Item Weight	9.25 Pounds (approx. 4.2 kg)

Feature	Detail
Item Dimensions (LxWxH)	6 x 4 x 1 inches (approx. 15.24 x 10.16 x 2.54 cm)
GTIN / UPC	723193838532

7. WARRANTY & SUPPORT

7.1 Product Warranty

Raymarine products are covered by a standard warranty. For specific warranty terms and conditions, including duration and coverage details, please refer to the official Raymarine website or the warranty card included with your product. Keep your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, service, or further information, please contact Raymarine customer support. You can typically find contact details, FAQs, and additional resources on the official Raymarine website:

Website: www.raymarine.com

Support Portal: Visit the support section on the website for manuals, software downloads, and contact options.

When contacting support, please have your product model (E70637-00-NAG) and serial number ready.