

Raymarine Axiom 2 Pro 16 RVM

Raymarine Axiom 2 Pro 16 RVM Chartplotter/Fishfinder User Manual

Model: Axiom 2 Pro 16 RVM

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Raymarine Axiom 2 Pro 16 RVM Chartplotter/Fishfinder. The Axiom 2 Pro series offers enhanced performance with an ultra-fast 6-core processor, HybridTouch control, and advanced RealVision MAX sonar capabilities. Its HydroTough display ensures reliable operation in challenging marine environments. This device integrates seamlessly with other marine electronics through the LightHouse 4 operating system.

Please read this manual thoroughly before using the product to ensure safe and efficient operation.

2. SAFETY INFORMATION

Important Safety Instructions:

- Always ensure proper installation by qualified personnel to prevent damage or injury.
- Disconnect power before performing any maintenance or installation procedures.
- Do not expose the unit to extreme temperatures or direct sunlight for prolonged periods when not in use.
- Use only Raymarine approved accessories and parts.
- Observe all local and international maritime regulations when operating this device.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your product package:

- 1 x Raymarine Axiom 2 Pro 16 RVM Monitor
- Mounting Hardware (screws, gaskets, etc.)
- Power Cable

- Documentation Pack (including this manual)



Image 1: Raymarine Axiom 2 Pro 16 RVM Chartplotter/Fishfinder unit. This image shows the main display unit, which is the primary component of the package.

4. SETUP AND INSTALLATION

The Axiom 2 Pro 16 RVM is designed for panel mount installation. Ensure you have adequate space and access for wiring before beginning.

4.1 Mounting the Display

1. Choose a suitable location on your boat's dashboard or panel, ensuring clear visibility and access.
2. Use the provided template (if applicable) to cut the mounting hole.
3. Secure the display unit into the panel using the supplied mounting hardware.

4.2 Electrical Connections

- Connect the power cable to a suitable 12V DC power source on your vessel. Ensure proper polarity.

- Connect any external sensors or transducers (sold separately) according to their respective manuals.
- For network integration, connect Ethernet cables to other compatible Raymarine devices.
- The unit supports HDMI connectivity for remote displays.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- Press and hold the Power button to turn the unit on or off.
- The automatic display brightness sensor adjusts screen illumination based on ambient light conditions.

5.2 HybridTouch Control

The Axiom 2 Pro features HybridTouch, allowing control via the fluid touchscreen or reliable keypad. Use the touchscreen for quick navigation and planning, and the keypad for precise control in rough seas. An interchangeable keypad field offers options for autopilot controls or user-programmable soft keys.

5.3 LightHouse 4 Operating System

Navigate seamlessly through chartplotter, sonar, radar, autopilot, and video functions using the intuitive LightHouse 4 OS. Customize your display with multiple Axiom displays and advanced video options, including HDMI output.

5.4 RealVision MAX Sonar

RealVision MAX optimizes DownVision, SideVision, and 3D sonar for greater range, improved resolution, and sharper target identification. This feature enhances fishfinding capabilities.

5.5 Chartplotter Functions

The unit supports Navionics/C-Map cartography. Plan and create your course directly on the display. Utilize GPS for accurate positioning and navigation.

6. MAINTENANCE

6.1 Cleaning the Display

The HydroTough display features nanocoating technology that repels water, ensuring reliable touchscreen operation and vibrant colors. Clean the screen with a soft, damp cloth. Do not use abrasive cleaners or solvents.

6.2 Software Updates

Periodically check the Raymarine website for software updates to ensure optimal performance and access to new features.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	No power supply; incorrect wiring; blown fuse.	Check power connections; verify fuse; ensure battery is charged.
No sonar data.	Transducer not connected; transducer faulty; incorrect settings.	Ensure transducer is properly connected; check transducer for damage; verify sonar settings.

Problem	Possible Cause	Solution
Touchscreen unresponsive.	Screen dirty; temporary software glitch.	Clean screen with a soft cloth; restart the unit.

8. SPECIFICATIONS

Feature	Detail
Brand	Raymarine
Model Name	Axiom 2 Pro
Screen Size	16 Inches
Display Type	Touch Screen (HydroTough)
Control Method	Touchscreen, Keypad (HybridTouch)
Special Feature	RealVision MAX
Connectivity Technology	HDMI, Ethernet
Map Type	Nautical (Navionics/C-Map)
Mounting Type	Panel Mount
Supported Satellite Navigation System	GPS
Included Components	1 x Monitor
UPC	723193843567
ASIN	B0CFWVQBVC

9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Raymarine website. Raymarine offers technical support and service for its products.

Contact Information:

- Visit the Raymarine official website for support resources, FAQs, and contact details.
- For service inquiries, please contact your authorized Raymarine dealer.