

# AXIOM™ PRO

HIGH PERFORMANCE MULTIFUNCTION DISPLAYS



**Raymarine**

SIMPLY SUPERIOR™

# AXIOM PRO

## AXIOM™ PRO DISPLAYS

### HIGH PERFORMANCE NAVIGATION

Axiom Pro is engineered for captains that want it all. Available with RealVision 3D, 1kw CHIRP sonar, and Raymarine HybridTouch control, Axiom Pro is the new standard for “all-in-one” multifunction devices. And with a blazing fast quad core processor, a super bright high-definition IPS display, and the smart LightHouse OS, Axiom Pro delivers a fluid and intuitive navigation experience. Axiom Pro is easy to expand into an advanced navigation network that includes multiple Raymarine Axiom displays, CHIRP radar, Evolution autopilot, FLIR thermal night vision technology, and more.





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## BLAZING FAST

Quad core processor delivers instantaneous response and the ability to run multiple apps simultaneously without any slowdowns.

## BOLD AND BRIGHT

Optical bonding technology and IPS display panels give you stunning Colour, clarity, and contrast in all lighting conditions. Axiom Pro looks great even through polarized sunglasses.

## HYBRIDTOUCH™

Control Axiom Pro from its multi-touch screen, its buttons and rotary knob, or any combination of both. This choice is yours.

## CUSTOM KEY

Get instant access to your favourite function with user-programmable Custom Key.

## LIGHTHOUSE 3 OS

Fast, fluid and easy to learn. The Lighthouse 3 interface is uncluttered and easy to personalise for your style of boating.

## BUILT-IN SONAR MODELS

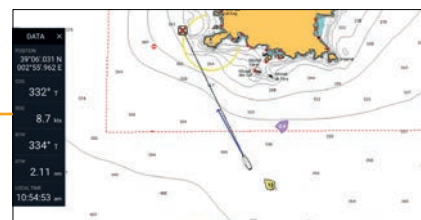
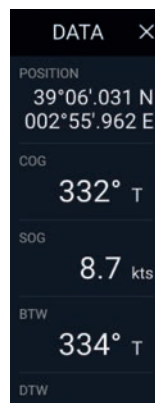
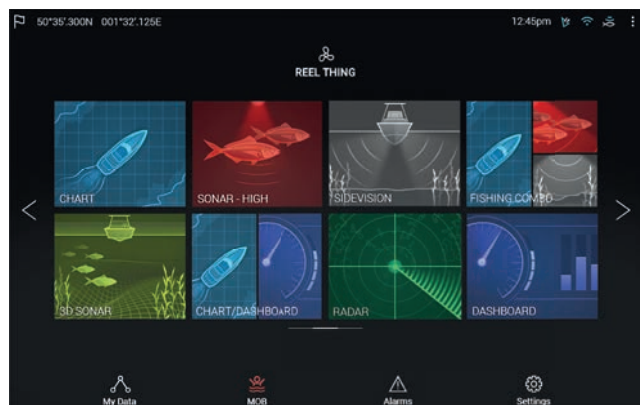
Select from Pro S or Pro RVX sonar for cruising, sailing, coastal, or offshore sonar needs.

# AXIOM PRO



## LIGHTHOUSE™ 3

### THE INTUITIVE AND POWERFUL OS BEHIND AXIOM PRO

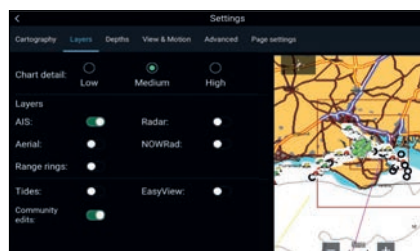


#### YOUR DATA

Swipe the side of the display to reveal the fully customisable Side Bar data display. The Side Bar also appears automatically if a GOTO command is initiated.

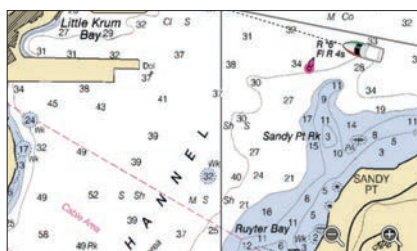
#### HOME SCREEN

The LightHouse™ 3 home screen offers bold and simple app icons. Customise the home screen to display the apps you use the most.



#### LIVEVIEW MENU™ CONTROLS

Easily customise charts and see the navigation display change in real time.



#### SUPPORT FOR THE BEST CHARTS

AXIOM Pro supports Navionics, LightHouse Raster, and LightHouse Vector Charts sourced from leading map makers, including NV Digital, Blue Latitude, and more.



#### USER PROFILES

User Profiles saves your personal home screen and configuration preferences.



# AXIOM PRO

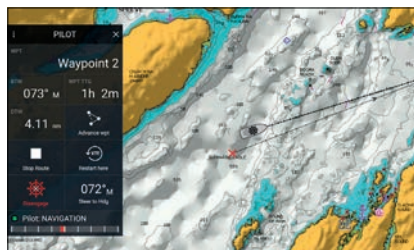


HIGH PERFORMANCE MULTIFUNCTION DISPLAYS



## INTUITIVE CONTROL

With Raymarine HybridTouch you can enjoy simple touch screen interaction or take control of Axiom Pro from its keypad and multi-function rotary control. The choice is yours.



## EVOLUTION AUTOPILOT CONTROL

Seamless integration with the smartest autopilot on the water – Evolution from Raymarine. Engage or disengage the pilot, follow a waypoint or route, or let the pilot handle the helm with an automated trolling pattern and control it all right from Axiom Pro.



## MOBILE APPS

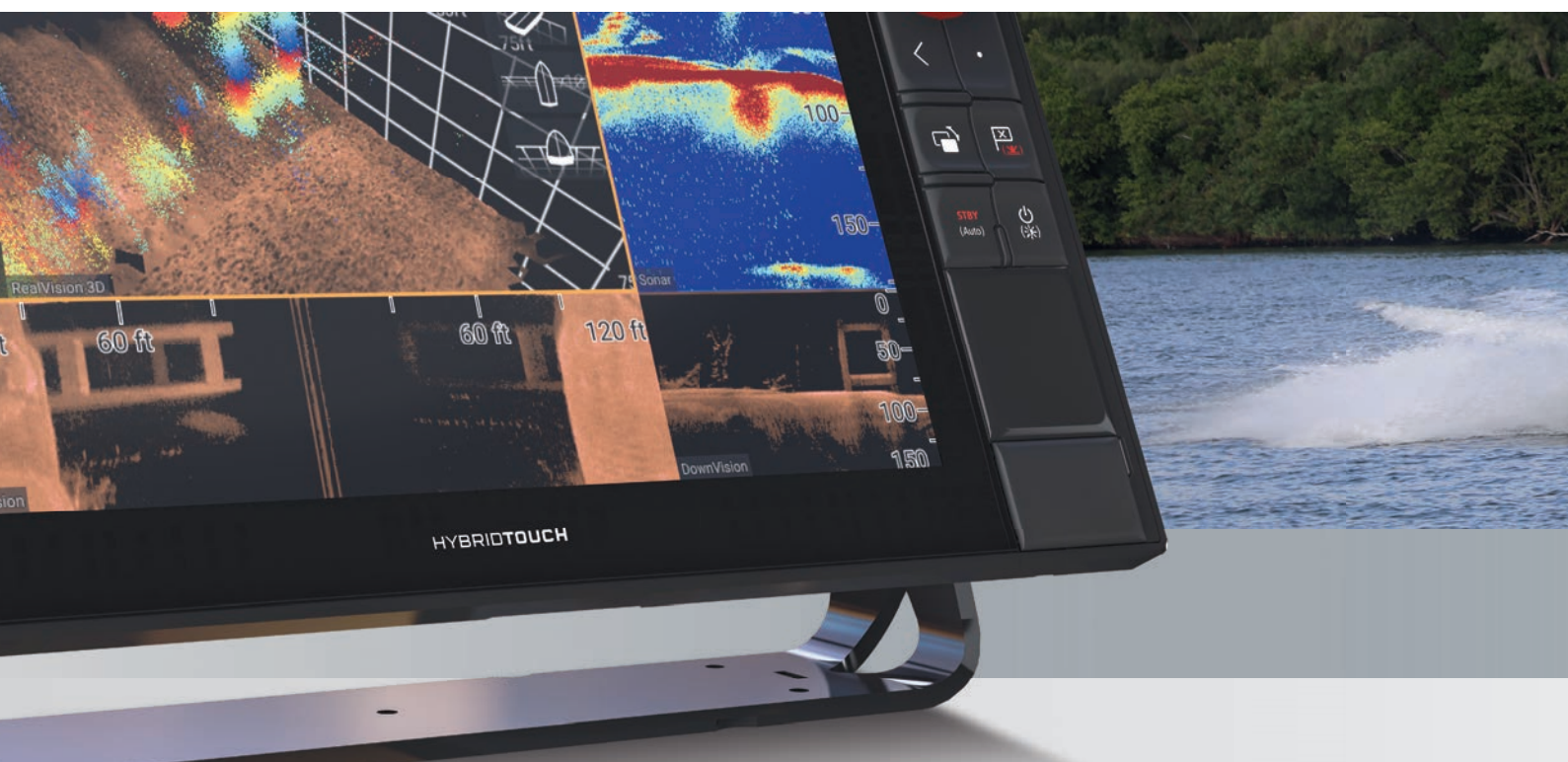
View and control your Axiom Pro MFD over Wi-Fi using Raymarine's free RayRemote app for Smartphones and RayControl app for tablets. Apps are available for both iOS and Android devices.



## MARINE AUDIO

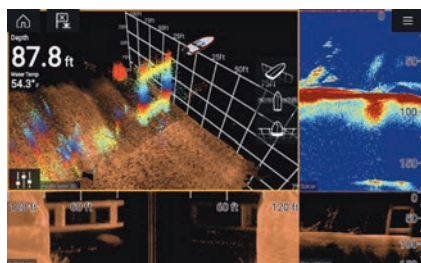
Integrate Axiom Pro with multi-source, multi-zone marine audio from Rockford Fosgate. Change sources, select tracks, control zones, and much more right from your MFD.

# AXIOM PRO



## SUPERIOR SONAR

### SIMPLY SUPERIOR REALVISION™ 3D SONAR

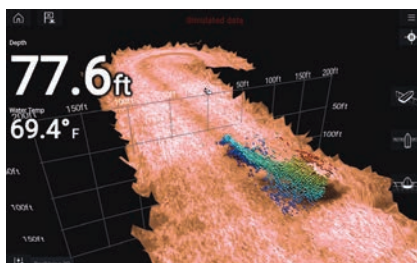


#### REALVISION 3D

Easily identify structure and locate fish with the life-like clarity of RealVision 3D sonar.

#### SCROLL BACK

Rewind, pause and playback recorded DownVision™ SideVision™ and RealVision 3D sonar history to take a closer look fish and structure, and easily plot waypoints.

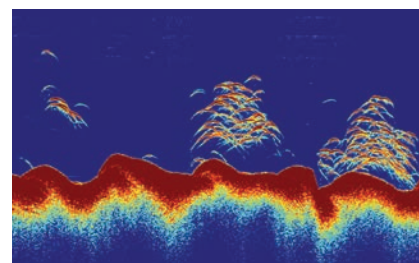


#### GPS TRAILS

RealVision 3D combines with precision GPS to construct the most accurate 3D model of the underwater world, in real-time.

#### HISTORICAL SENSITIVITY SETTINGS

Adjustments to sonar gain, sensitivity and filtering are also applied to recorded sonar history, enabling you to reveal previously concealed fish and structure.



#### OFFSHORE RATED 1KW CHIRP SONAR

Add a compatible offshore transducer and experience the stunning definition and clarity of dual-channel CHIRP sonar.

No gimmicks or games, this a true 1kW CHIRP sonar – no compromise performance. Target bait, fish, thermoclines and more at depths to 5,000 feet.

#### LOW MEDIUM OR HIGH CHIRP

Axiom Pro 1kW sonar offers a wide spectrum of CHIRP sonar bands for deep, mid-range and shallow water fishing.



#### GO DEEPER

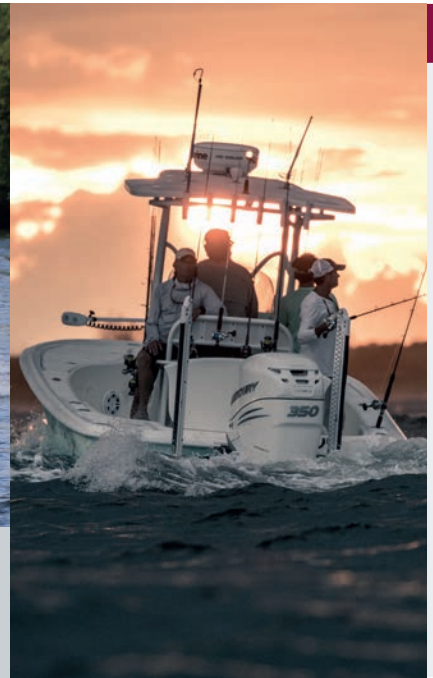
Axiom Pro is compatible with the Raymarine CP470 and CP570 Professional CHIRP sonars. Enjoy powerful sonar output up to 2 kilowatts and dual, independent transceivers on CP570.



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## ENHANCED AWARENESS

### STAY SAFE WITH FLIR THERMAL AND RADAR



#### THERMAL CAMERAS

Combine Axiom Pro with the FLIR M132 or M232 thermal camera and enjoy ClearCruise™ IR Analytics. Axiom Pro will automatically alert you to obstacles in your path.



#### VIDEO MONITORING

Works with above and below decks marine cameras from Raymarine and FLIR.

- Connect up to 8 HD video sources with IP video, and view up to 4 cameras simultaneously
- Supports analogue composite video sources, including thermal and underwater cameras
- Analogue inputs can be distributed across the network
- Supports Miracast wireless video streaming to smart TVs and video monitors



#### RADAR

Integrate seamlessly with Raymarine Quantum CHIRP or any other Raymarine radar system for all-weather, night-or-day navigation capability.

- Quantum Solid State CHIRP radar delivers superior imaging at long and short ranges. Wired or Wi-Fi connectivity.
- HD and Super HD radar. Ideal for coastal and offshore anglers with features including bird mode and high speed scanning.

# SPECIFICATIONS

## AXIOM PRO 9 / 12 / 16

	AXIOM PRO 9	AXIOM PRO 12	AXIOM PRO 16
<b>Model Options</b>	Pro RVX: with RealVision 3D and 1kW CHIRP Sonar		
	Pro S: with single channel CHIRP sonar		
<b>Screen Size</b>	9"	12.1"	15.6"
<b>Display Resolution</b>	1280 x 720 pixels	1280 x 800 pixels	1920 x 1080 pixels
<b>Screen Type</b>	Super bright IPS display with optical bonding. Multitouch support		
<b>Mounting Options</b>	Front and trunnion mount		Front
<b>Waterproofing</b>	IPX6 / IPX7		
<b>Memory</b>	16GB Internal / x2 microSDXC slots		
<b>USB</b>	1 x USB microAB (rear - charging, external storage device or RCR-SD/USB Accessory (A80440)		
<b>Voltage</b>	12 / 24 V dc		
<b>Weight</b>	3.35lbs / 1.52kg	4.5lbs / 2.04kg	6.25lbs / 2.84kg
<b>Operating Temperature</b>	-25°C to +55°C (13°F to 131°F)		
<b>Wi-Fi</b>	●	●	●
<b>Ethernet</b>	2 x 10/100 Mbps/ Network (RayNet)		
<b>NMEA 0183</b>	x2 NMEA 0183 input and x1 NMEA 0183 output (part of power cable)		
<b>NMEA2000</b>	1 x NMEA2000 port (DeviceNet microC)		
<b>Radar Compatible</b>	●	●	●
<b>Thermal Night Vision Compatible</b>	●	●	●
<b>Video Cameras</b>	1 x Analogue input (BNC). Up to 10 IP Cameras		
<b>Built-in Sonar</b>	RealVision 3D & 1kW CHIRP Sonar built in – RVX models only. High CHIRP Sonar built in – S models only		
<b>External Sonar Compatible</b>	●	●	●
<b>GPS</b>	Built-in GNSS Receiver: GPS/GLONASS/Beidou - 10Hz 167 Channel   External Accessory: GA150 (A80288)		
<b>Optional Remote Controls</b>	●	●	●
<b>AIS</b>	●	●	●
<b>Audio Integration</b>	●	●	●
<b>Autopilot Control</b>	Evolution Autopilot Control		
<b>Digital Switching</b>	Empirbus compatible		
<b>Dimensions (w x h x d)</b>	11.9" x 6.85" x 2.56" 300 x 174 x 65 mm	14.1" x 9.17" x 2.56" 358 x 223 x 65 mm	17.8" x 10.2" x 2.72" 452 x 258 x 69 mm

### Safety Notices

Raymarine products are intended to be used as aids to navigation and must never be used in preference to sound navigational judgement. Their accuracy can be affected by many factors, including environmental conditions, equipment failure or defects, and incorrect installation, handling or use.

Only official government charts and notices to mariners contain all the current information needed for safe navigation, and the captain is responsible for their prudent use. It is the user's responsibility to use official government charts, notices to mariners, caution and proper navigational skill when operating any Raymarine product.

### Content Note

The technical and graphical information contained in this brochure, to the best of our knowledge, was correct as it went to press. However, the Raymarine policy of continuous improvement and updating may change product specifications without prior notice. Therefore, unavoidable differences between the product and this brochure may occur from time to time, for which liability cannot be accepted by Raymarine.

Some images in this brochure have been used for illustration purposes only.

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### FLIR Maritime Belgium Bvba

Luxemburgstraat 2,  
2321 Meer, Belgium  
T: (+32) (0) 3665 5162

### Raymarine UK Limited

Marine House, Cartwright Drive,  
Fareham, PO15 5RJ, United Kingdom  
T: (+44) (0)1329 246 700

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