NEW

AXIOM 2

High-Performance Chartplotter Displays

Axiom 2 is the next generation of the award-winning Raymarine Axiom chartplotter product line. Featuring a powerful 6-core processor, rugged HydroTough™ displays, and expanded app and engine integration, Axiom 2 delivers a faster, more intuitive, and more responsive navigation experience for leisure boaters of all kinds. Designed for sailors, anglers, cruisers and motor-yacht owners, Axiom 2 combines next-level performance with Raymarine's signature durability and ease of use.

AXIOM 2 KEY FEATURES

- Rugged all-weather, marine-ready design backed by a 3-year warranty.
- 6-core processor delivers faster chart rendering, quicker startups and smoother networking and video performance.
- 7, 9, and 12-inch HydroTough™ IPS touchscreen displays, with high brightness (up to 1,800 nits) for all-day visibility.
- Powered by LightHouse OS with an intuitive interface and access to over 30 LightHouse apps.
- RayNet Gigabit Ethernet for high-speed integration of radar, cameras, sonar and accessory devices.
- 64 GByte of onboard storage for apps, charts, video and user data.
- Broad chart compatibility, including LightHouse Charts Gen 2, Navionics, C-MAP, and more.
- Built-in high-performance GPS / GNSS with fast 10 Hz position updates.
- Smart vessel monitoring and control, including engine integration, NMEA 2000 and digital switching support.

Axiom 2 RV models include RealVision™ 3D sonar and 600-watt digital CHIRP sonar.

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TECHNICAL SPECIFICATIONS

PHYSICAL	AXIOM 2 (7")	AXIOM 2 (9")	AXIOM 2 (12")
Dimensions (Trunnion mounted):	**Width:** 250.4 mm (9.86 in.) **Height:** 162.5 mm (6.4 in.) **Depth*:** 218.0 mm (8.58 in.)	**Width:** 265.03 mm (10.43 in.) **Height:** 187.81 mm (7.39 in.) **Depth*:** 178.0 mm (7.01 in.)	**Width:** 314.0 mm (12.36 in.) **Height:** 226.72 mm (8.93 in.) **Depth*:** 178.0 mm (7.01 in.)
Dimensions (Surface / Flush mounted):	**Width:** 201.1 mm (7.92 in.) **Height:** 133.0 mm (5.24 in.) **Depth*:** 218.0 mm (8.58 in.)	**Width:** 244.08 mm (9.61 in.) **Height:** 157.78 mm (6.21 in.) **Depth*:** 178.0 mm (7.01 in.)	**Width:** 314.0 mm (12.36 in.) **Height:** 217.0 mm (8.54 in.) **Depth*:** 178.0 mm (7.01 in.)
POWER			
Voltage:	**Nominal:** 12 V DC / **Operating range:** 8 to 16 V DC		
Power consumption (max.):	**Chart-only variants:** 7.34 W **RV variants:** 9.84 W	**Chart-only variants:** 8.95 W **RV variants:** 11.98 W	**Chart-only variants:** 15.48 W **RV variants:** 18.96 W
Inline fuse / thermal breaker rating:	7A	7A	7A
LCD			
Size & Type:	**Size (diagonal):** 7.0" **Type:** IPS	**Size (diagonal):** 9.0" **Type:** IPS	**Size (diagonal):** 12.1" **Type:** IPS
Resolution:	WSVGA 1024 x 600	HD 1280 x 720	WXGA 1280 x 800
Brightness / luminance:	1500 bits / 1500 cd/m^2	1500 bits / 1500 cd/m^2	1800 bits / 1800 cd/m^2
Protective coating:	HydroTough™ (Oleophobic)		
NETWORK & CONNECTIONS			
Transducer (**RV variants only**):	1x 25-pin RealVision connector		
NMEA 2000 / DeviceNet:	1x DeviceNet male connector (on power cable) (LEN rating: 1)		
Network:	**Wired:** 1x RayNet (10 / 100 / 1000 Mbit/sec Ethernet) **Wi-Fi:** 1x 802.11 b / g / n **Bluetooth:** v4.0		
GNSS:	Internal GNSS receiver: GPS / GLONASS / BeiDou (incl. SBAS) (Cold start: <2 minutes) (10 Hz refresh rate)		
DATA STORAGE**			
Internal storage:	64 GByte (Solid State)		
External MicroSD storage:	1x MicroSDXC card slot		
SONAR			
Sonar channels: (*Output power / Responsive Frequency Range*)	**RealVision 3D:** (70 W / 350 kHz ± 5%) **SideVision:** (70 W / 350 kHz ± 5%) **DownVision:** (35 W / 350 kHz ± 5%) **CHIRP High:** (100 W / 200 kHz ± 5%)		
COMPATIBLE SENSORS			
Via networking connections:	Radar, Autopilot, Sonar module, AIS transceiver, Thermal and visible-light cameras, VHF radio, Engine Integration, Digital Switching, Assisted Docking, Augmented Reality, Instruments, Vessel Monitoring		

*   Maximum depth including straight transducer connector cable.

** Additional external MicroSD and USB device storage available via the optional RCR-2 or RCR-SDUSB accessories.

For further information go to our website
www.raymarine.com

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