



## ALPHA

### 7" AND 9" PERFORMANCE DISPLAYS

The Alpha series are high-visibility touchscreen displays with fully customizable marine instrument data and graphic displays to help you make smarter sailing decisions. Designed for helm or mast mounting, the Alpha Series is customized and controlled via its touchscreen and controlled remotely from a networked Axiom Chartplotter\*.

#### ALPHA KEY FEATURES

- Customizable sailing, navigation, and engine instrument displays.
- SailPoint™ mode provides you with a visual reference of target wind angle, so you achieve your maximum VMG upwind or downwind.
- Polarized sunglasses-friendly displays with extra wide viewing angles, viewable on the mast or remote location.
- Tested to the extreme and built with our exclusive HydroTough™ nano-coating that repels water and oils for reliable touchscreen control.
- Landscape or portrait mounting option.
- Single power and data cable\*\* for fewer cables running through the deck and mast.
- Support for daisy-chaining up to 4 displays.
- Auto-dimming through an integrated ambient light sensor.
- Lockable touch screen with remote control from Axiom.
- Designed to network with Axiom chartplotters for all instrument data, transducer data, and performance sailing calculations.



Landscape and portrait orientation mast brackets are available as accessories

\* The Alpha Performance Display requires a Axiom Chartplotter (on Lighthouse 4.5 software or later) connected on the Raynet network.

\*\* Power and data cables not included and must be purchased separately to match the installation configuration.

# ALPHA SMART DISPLAY SPECIFICATIONS

POWER		
Nominal supply voltage:	12 V / 24 V dc	
Operating voltage range:	10.8 V to 32 V dc	
Power consumption:	Alpha 7: 10.10 W (maximum) @ 12 V dc / 10.34 W (maximum) @ 24 V dc	Alpha 9: 12.27 W (maximum) @ 12 V dc / 12.51 W (maximum) @ 24 V dc
ENVIRONMENTAL		
Operating temperature range:	-25°C to +55°C (-13°F to +131°F)	
Waterproof rating:	IPx6 and IPx7	
DISPLAY		
Type:	Alpha 7: 7" IPS TFT LCD	Alpha 9: 9" IPS TFT LCD
Brightness / Luminance:	1500 nits / 1500 cd/m2	
Viewing angles:	Portrait: 85° + / 85° +	Landscape: 85° + / 85° +
Resolution:	Alpha 7: 1024 (H) x 600 (V)	Alpha 9: 1280 (H) x 720 (V)
Aspect ratio:	Alpha 7: 15.4 : 9	Alpha 9: 16 : 9
PPI (Pixels Per Inch):	Alpha 7: 170 PPI	Alpha 9: 163 PPI
Colours:	24-bit colour (16.7 million colours)	
Refresh rate:	60 Hz	
CONNECTIONS		
Data connections:	1x Daisy-chain connector and 1x Power / RayNet Ethernet connector	
PHYSICAL		
Width:	Alpha 7: 118.6 mm (4.67 in)	Alpha 9: 148.9 mm (5.86 in)
Height:	Alpha 7: 188.4 mm (7.42 in)	Alpha 9: 235.9 mm (9.29 in)
Depth:	Alpha 7: 32 mm (1.26 in)	Alpha 9: 34 mm (1.34 in)
Weight:	Alpha 7: 0.72 kg (1.59 lbs)	Alpha 9: 1.18 kg (2.60 lbs)
PARTS		
What's in the box:	<ul style="list-style-type: none"> <li>• Alpha Series Performance Display • Suncover • Waterproof gasket</li> <li>• Documentation pack • 4x Threaded studs, M4 x 40 mm</li> <li>• 4x Thumb nuts • 2x mounting brackets</li> </ul>	

**Note:** Cables are not included and must be purchased separately to match the installation configuration. See price list for available options.

For further information go to our website  
[www.raymarine.com](http://www.raymarine.com)

23--438-MAR / SEP 2023