

# C120



## Features

### **Multifunction**

- Configure any C Series display as single function stand-alone chartplotter, digital fishfinder or radar.
- Build a powerful all-in-one chart/radar/sounder system.

### **Intuitive**

- The intuitive C Series interface puts you in command. Simply 'Page' through your choice of displays.
- Create custom windows of any combination of chartplotter, radar or sonar.
- Twist N' Click™ Rotary control provides easy alphanumeric waypoint storage.

### **Advanced Display Technology**

- Direct Sunlight Viewable.
- High resolution 256 colour displays.
- Excellent contrast and a wide viewing angle.
- Very low profile flush mounting for a clean, unobtrusive helm.
- Rugged and weatherproof (CFR46).

### **C Series GPS Chartplotter**

Connect an optional Raystar GPS Sensor and choose Navionics charts to transform any C Series display into accurate and detailed GPS charting system.

- Support for professional quality Navionics® vector charts on Compact Flash.
- Fast chart screen redraw.
- 256 colour high resolution display provides paper-like chart clarity.
- True or relative motion and course-up/north-up/head-up modes.
- Auto Range mode intelligently maintains your vessel and your waypoint on the best chart scale while underway.
- Loran TD positioning mode.

- On screen VHF DSC position reports (when connected to compatible DSC VHF via NMEA).
- AIS Target tracking using the optional Raymarine AIS250 receiver.

### **C Series Digital Fishfinder**

Transform a C Series display into the ultimate fishfinder with HD Digital™ technology using an optional Raymarine Digital Sounder Module.

- Raymarine's patented HD Digital fishfinder technology using a remotely mounted Digital Sounder Module.
- Hands-free HD Digital technology automatically adjusts more than 220 sonar parameters per second and virtually eliminates clutter.
- HD Digital adaptive receiver technology targets fish and bottom structure with amazing clarity.
- 600 or 1000 Watt power output with dual frequency 200/50 Khz operation.
- Bottom lock, A-Scope and zoom modes.
- Maximum depth of 5000ft. (1700 meters).
- Full range of high and ultra high performance transducers available.

### **C Series Radar**

Raymarine brings you unmatched radar performance. Connect an optional radome or open-array antenna to any C Series display to create a powerful radar system.

- Radar/chart overlay.
- MARPA (Mini-Automatic-Radar-Plotting-Aid) target tracking.
- Waypoint navigation and multiple waypoint overlay.
- Low receiver noise figure (less than 5 dB).
- Auto GST™ fully automatic gain, sea clutter and tune control for real hands off operation.
- Advanced microprocessor controlled transmitter-receiver features eight pulse width/PRF settings, providing enhanced target returns through every range scale.
- AIS Target tracking using the optional Raymarine AIS250.

**C Series Engine and Instrument Data Integration** With support for SeaTalk, SeaTalk<sup>NG</sup> (next generation), NMEA 0183, NMEA 2000 and J1939, Raymarine C Series in the centre point for all of your vessel's navigation, instrument, and engine data.

- Control your Raymarine SeaTalk compatible autopilot right from your C Series display.
- Repeat information from your connected instruments, autopilot, GPS, weather instruments and more.
- Customisable data displays support multiple combinations of graphical, digital and analog information.
- Monitor critical engine functions like RPM, oil pressure, fuel level and flow rate, coolant temperature, trim tabs and engine tilt, generator electrical data and more using NMEA2000 or J1939.

## Specifications

- Data Display Capabilities: Chartplotter, Fishfinder, Radar, CDI (Course Deviation Indicator), and customisable Data Bar display
- Waterproofing: CFR46 standard
- Display type: Sunlight viewable colour TFT LCD
- Display (LCD) size: 12.1"
- Display resolution: 800 x 600pixels (SVGA)
- Display colours: 256
- Operating temperature: -4°F to 122°F (-10°C to 50°C)
- Interfaces: 1 NMEA 0183 input, 1 NMEA 0183 output, Raymarine SeaTalk, Raymarine SeaTalk2/ NMEA 2000 Port\*, DSM250 Echo Sounder Input, Pathfinder Radar Input
- Voltage range: 10.7–32 volts (12/24v nominal)
- Power consumption: 12 Watts
- Mounting Methods: Bracket or console
- Dimensions: L14"X 10.4"X 4.31" (355.5 x 264 x 110mm)
- Weight: 6.6 lbs (3.0kg)