

# ComNav<sup>®</sup>



## Commander P2 Autopilot

### Engineered for Performance

- Auto Learning using Intelligent Steering Technology — IST
- Auto Setup — automatic drive detection, automatic pilot calibration & automatic compass compensation
- Auto Sea State adjustment for reliability in all weather conditions
- Sunlight Viewable TFT LCD or silver backed high contrast monochrome LCD
- Work Mode — Superbly suited for professional performance on vessels requiring ultimate rudder response
- Adjustments can be made “on the fly”
- Advanced Power Features include automatic helm bias, automatic leeway control for minimizing course errors due to wind and tide
- Automatic Thruster assist for dead-ahead slow or station keeping (option)
- Proportional Rate Control to provide gentle smooth response at fast cruising speeds
- NAV Mode provides adaptive precise track steering
- NMEA 0183 input/output ports
- Quick Turn Selection — continuous circle, U-turn, Emergency MOB to steer the Williamson-Recovery turn
- FISH ZAG to allow the sport fisher to mimic the actions of live prey more closely
- Simple touch 8 button illuminated keypad
- Multi-language capability configurable in English, French, Italian, Spanish and Icelandic
- Universal Mount — surface mount, flush mount or bracket mount
- Waterproof — Control head to commercial grade IP67 standards
- CE compliance for EMI and RFI immunity
- Extended 3 year warranty

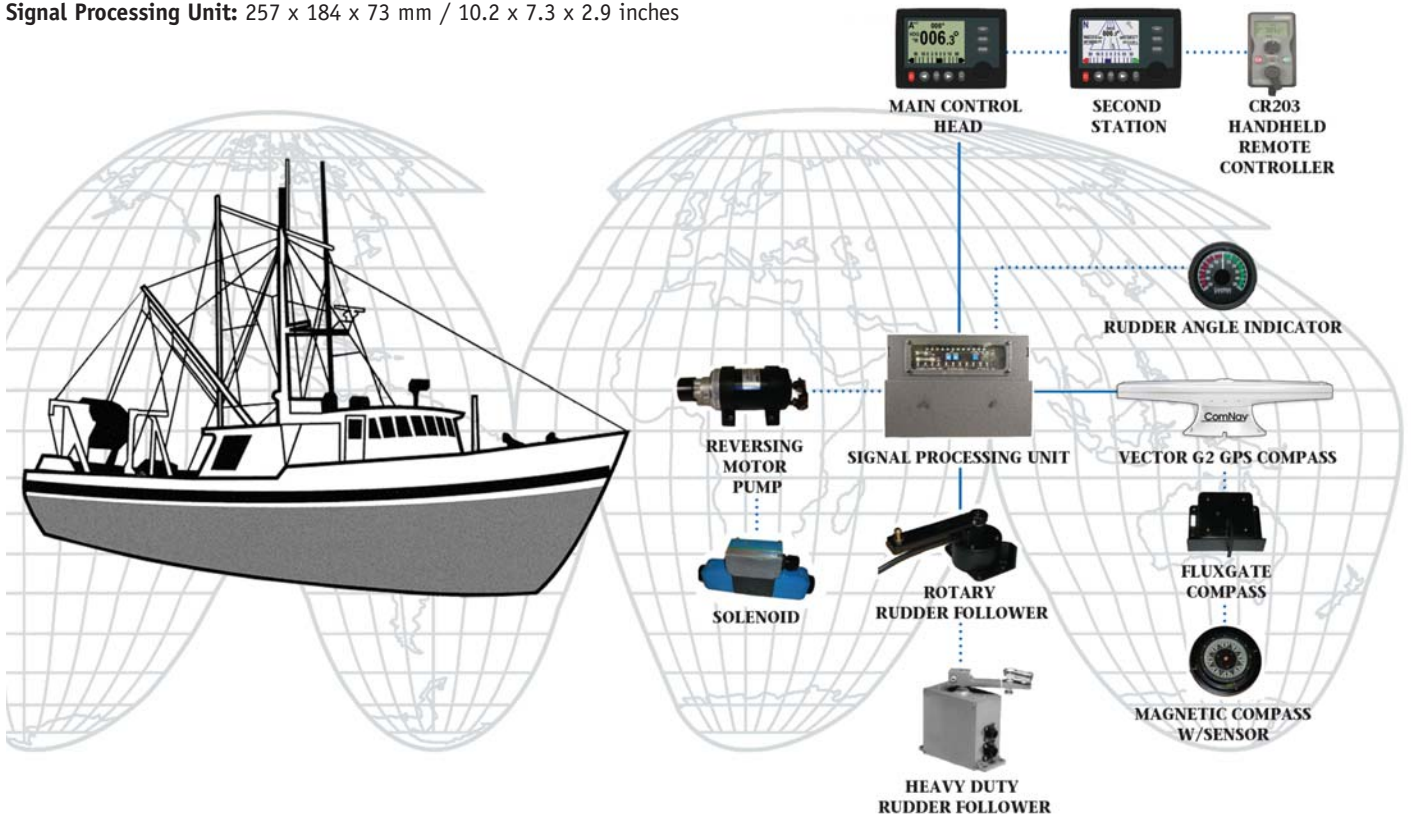
# COMMANDER P2

## SYSTEM CONFIGURATION & OPTIONS

### DIMENSIONS

**Control Head** (surface mount w/o knob): 155 x 113 x 29 mm / 6.1 x 4.5 x 1.2 inches. Cable 25' Head to SPU

**Signal Processing Unit:** 257 x 184 x 73 mm / 10.2 x 7.3 x 2.9 inches



### SPECIFICATIONS

**Operating Voltage:** 10 to 30 VDC

**Power Consumption:** Average 0.5 Amps, 3 Amps Peak  
(Lower consumption capability with low backlight setting)

**Drive Output:** 20 Amps

**Navigational Interface:** Dual NMEA 0183 inputs

**NMEA 0183 Output:** Heading (10x per sec), Autopilot Status  
(1x per sec)

**Heading Reference:** Fluxgate, Magnetic Compass, NMEA  
Compass or Heading Sensor G2/G2B GPS compass

**Course Resolution:** 1°

**Course Detection:** 0.1°

**Control Head:** Sunlight viewable high contrast LCD is  
available in color or monochrome version; QVGA (320 x 240)  
high resolution display

### ADDITIONAL FEATURES

- 9 level backlit LCD display
- Colour head gives you Red Night Vision mode for comfortable viewing in all conditions
- Pre-defined parameter sets for full or semi-displacement, planning hulls, stern drives and sailboats
- Multiple steering capability for Fast, Slow and Work modes
- Simple to use course knob with mechanical detent
- Multi-station capability with security station lock
- Automatic trim
- Adjustable yaw, turn rate and rudder settings
- PORT and STBD dodge buttons for collision avoidance
- Output for optional analog rudder angle indicator, up to 4 stations
- Fully compatible with onboard NMEA instruments and most steering systems
- Versatile Wind Mode for excellent sailboat steering

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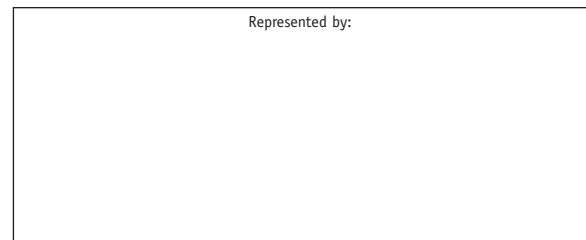
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