

ComNav[®]



Autopilot Commander P2VS

Virtual Feedback for Enhanced Auto Steering

- Auto Learning Intelligent Steering Technology: IST
- Auto SETUP: Automatic drive detection, automatic pilot calibration & automatic compass calibration
- Auto Sea State for enhanced reliability in all weather conditions
- Crystal clear Sunlight Viewable TFT LCD Display or silver backed high contrast monochrome LCD
- Advanced Power Features includes No Drift course: Automatic Leeway Control (ALC)
- Proportional Rate Control provides smooth response at fast cruising speeds
- GPS Nav mode provides precise adaptive track steering
- NMEA 0183 Input/output ports
- Quick Turn Selection: Fish Zag, Continuous Circle, U-Turn and Emergency MOB turn
- Simple touch 8 button illuminated keypad
- Multi-language capability configurable in English, French, Spanish, Italian and others
- Waterproof control head commercial grade to IP67 Standards
- CE compliance for EMI & RF immunity
- Extended 3 year warranty

COMMANDER P2VS

SYSTEM CONFIGURATION & OPTIONS

VESSEL TYPE:

Stern & Outboard Drives

VESSEL SIZE:

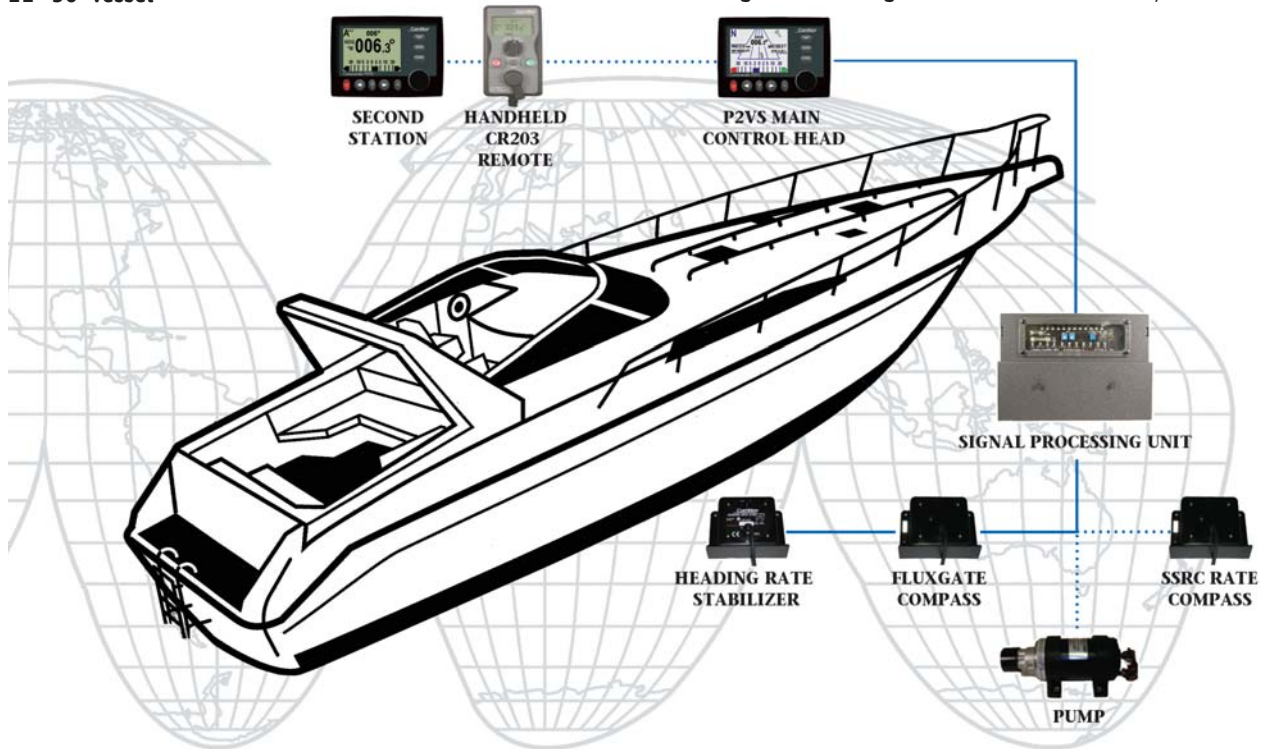
22'-50' vessel

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: 11 to 30 VDC

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

Drive Output: 20 Amps DC reversing pump or DC solenoids

Navigational Interface: Dual NMEA 0183 inputs

NMEA 0183 Output: Heading (10Hz), Autopilot Status (1Hz)

Heading Reference: Fluxgate Compass with Heading Rate Stabilizer or SSRC Rate Gyro 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
- Color head gives you RED Night Vision mode for comfortable viewing in all ambient conditions
- Pre-defined parameter sets for stern drive
- Multiple steering capability for Fast and Slow speeds
- 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
- Fully compatible with onboard NMEA instruments and most steering systems

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