

# ComNav<sup>®</sup>



## P4 Autopilot

### Intelligent Steering

- IST – Intelligent Steering Technology provides superior vessel steering capability
- ADAPTIVE steering for sea conditions and varying vessel speeds
- AUTO-SETUP – allows auto-drive detection, rudder response time, compass detection and calibration
- WORK Mode suitable for Towboats and Workboats
- NMEA 2000, ETHERNET, and NMEA 0183 interface
- Configurable for Fishing, Offshore Vessels, Workboats, Towboats and Yachts
- PRC- Proportional Rate Control feature provides gentle smooth response
- Multi-Station capability with security station lock
- SUNLIGHT viewable LED backlit 5.7" TFT LCD 640 x 480 display
- NAV Mode provide adaptive precise track steering
- ALC – Automatic Leeway Compensation for Drift, Tide & Wind
- Fully compatible with onboard instruments and steering systems
- Z-Drive interface allows 360° Azimuth drive interface using +/- 10 Volts /4-20 milliamps analog signal (optional)
- Auto Thrust-assist for Dead-ahead slow or station keeping (optional)
- Multi-Language capability: English, Chinese, French, German, Norwegian, Spanish, Italian, Icelandic, and more
- Standard Mounting bracket – Flush Mount, Swivel mount bracket is optional
- IP67 Waterproof – Control Head, TS4, NF4 and WS4
- RoHS & CE compliance for EMI and RFI immunity



# P4 Autopilot

## Multiple Applications

Fishing



Search & Rescue



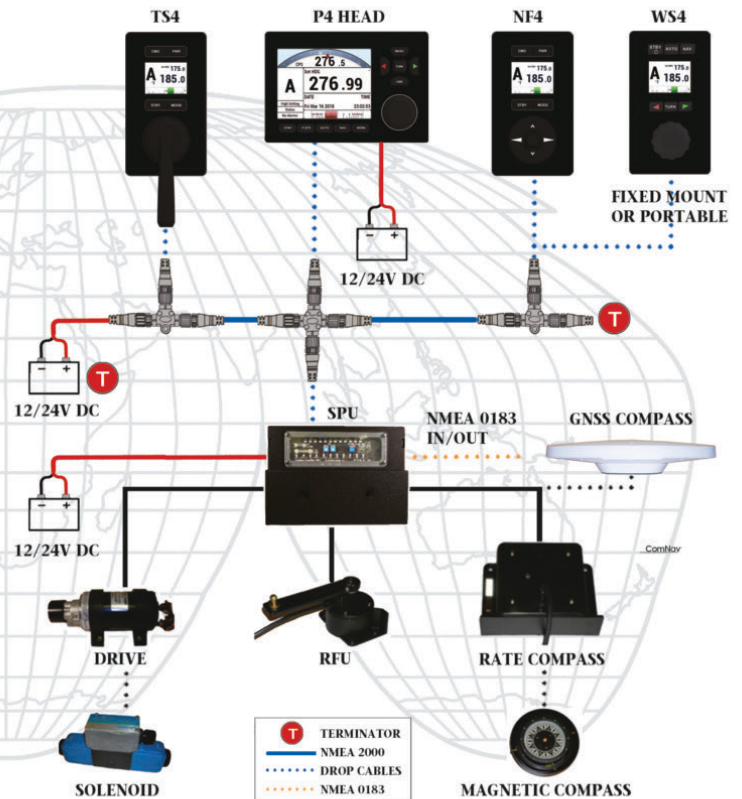
Professional



Workboat



## SYSTEM CONFIGURATION & OPTIONS



## DIMENSIONS

**P4 Head:** 214mm x 145mm x 35mm / 8.4" x 5.7" x 1.9"  
**SPU:** 257mm x 184mm x 73mm / 10.1" x 7.2" x 2.8"  
**TS4 / NF4 / WS4:** 83mm x 145mm x 38mm / 3.2" x 5.7" x 1.4"

## 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  
**Network:** NMEA 2000  
**Navigational Interface:** 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 GNSS compass  
**Course Resolution:** 1°  
**Course Detection:** 0.5°  
**Control Head:** Sunlight viewable high contrast LCD is 5.7"  
TFT LCD 640 x 480 VGA high resolution display

## BASIC PACKAGE

- P4 Head, Signal Processing Unit, Compass, Rudder Follower Unit
- Accessories:** TS4, NF4, WS4, P4 Second Station, RA4 RAI Meter, 360° Azimuth Drive Interface

## 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

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Specifications subject to change without notice

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