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

NMEA 2000, ETHERNET, and NMEA 0183 interface

Configurable for all types of recreational mid-size to large pleasure craft

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

**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

**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

**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

**SYSTEM CONFIGURATION & OPTIONS**

**RECREATIONAL**

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

**YACHT**

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

**SYSTEM CONFIGURATION & OPTIONS**

**BASIC PACKAGE**

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**COMNAV Marine Ltd.**

- #15-13511 Crestwood Place, Richmond, British Columbia • Canada • V6V 2G1
- Phone: 604-207-1600 • Fax: 604-207-8008
- E-mail: sales@comnav.com
- [www.comnav.com](http://www.comnav.com)

**Represented by:**

Specifications subject to change without notice  Rev: May 2018