



## **New for 2020 SI-TEX SP-38 Autopilot System:**

- **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**
- **NMEA 2000, ETHERNET, and NMEA 0183 interface**
- **Compatible with many of the components from our SP-70 & SP-80 Series Autopilots**
- **Configurable for Fishing, Offshore Vessels, Workboats, Towboats, Sailboats, and Yacht's**
- **WORK Mode suitable for Fishing Boats, Towboats and Workboats**
- **PRC- Proportional Rate Control feature provides gentle smooth steering response**
- **Multi-Station capability with security station lock**
- **SUNLIGHT viewable Color 5.7" LCD display**
- **NAV Mode provide adaptive precise track steering**
- **ALC – Automatic Leeway Compensation for Drift, Tide & Wind**
- **Fully compatible with onboard instruments and steering systems**
- **Optional Z-Drive interface allows 360 Azimuth drive interface**
- **Optional Automatic Bow-Thruster Control for hands free Sabiki Fishing or station keeping**
- **Multi-Language capability: English, Chinese, French, German, Norwegian, Spanish, Italian, Vietnamese, etc.**
- **Standard with Flush Mount kit, & Swivel mount bracket**
- **IP67 Waterproof – Control Head, TS38, & NF38**
- **RoHS & CE compliance for EMI and RFI immunity**

### **Additional Features:**

- **9 level backlit LCD display**
- **LCD Display switches to Red Night Palette to protect Operators night vision**
- **Pre-defined parameter sets for full or semi-displacement, planning hulls, stern drives and sailboat applications**
- **Multiple steering parameters for Fast cruise, Slow cruise 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 N2K instruments and most steering systems**

### **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 & Ethernet**
- **Navigational Interface: NMEA 0183 input/Output**
- **NMEA 0183 Output: Heading (10x per sec), Autopilot Status (1x per sec)**
- **Heading Reference: Fluxgate, Magnetic Compass, NMEA Compass or Sat Compass**
- **Course Resolution: 1°**
- **Course Detection: 0.5°**