



## New SP-120-RF3 Autopilot System



### Package Includes:

- SI-TEX SP-120 Monochrome LCD Autopilot Control Head
- New EC-120 9 Axis Precision Electronic Gyro Compass
- Includes Straight Shaft Cable Steering Drive Unit w/ Built- in RFB Sensor
- Includes Adapters for all types of Rotary Steering Cables
- Integrated Rudder Feedback sensor
- Control Head Sun cover
- Product manual
- Mounting Screws

### Features:

- The SI-TEX SP-120-RF3 is a complete Autopilot-in-a-Box kit that is ready to install on Boats with Rotary Cable Steering Systems. No need to convert your cable steering to expensive hydraulic steering.
- Applications include any type of cable steered boats using Teleflex-Morse rotary steering cables. Power assisted or Manual
- Replaces your original cable helm with a heavy-duty helm unit with the drive motor and rudder feedback built-in
- The entire installation is completed at the helm area with no need to run wires to the stern, saving time and aggravation.
- Does not require a separate junction box, everything simply connects to the rear of the control head
- This system is ideal for small boats used for slow trolling downrigger fishing in the Great Lakes.
- Control head can display Compass heading, Selected Heading and Rudder Angle information
- Compact 4.1" x 4.1" Waterproof Control head with large easy to read LCD Display
- Very easy to select your desired headings, operate, and setup
- High Precision 9 Axis Gyro Compass, allows the Autopilot to quickly adjust for varying Sea Conditions automatically
- Autopilot uses Input of GPS Speed over ground (SOG) and Course over ground (COG) to enhance performance
- NMEA-0183 GPS Interface accepts inputs from most Chart plotters for steering to waypoints and routes
- NMEA-0183 Output of Compass heading at 10kHz for interface to MFD's with Chart/Radar Overlay
- Autopilot Steering Modes:
  - Manual (Power Steer)
  - Auto (Pilot maintains selected Magnetic course)
  - GPS (Steers to Waypoint or Routes when Interfaced with GPS)
  - Wind (Steers to wind when interfaced to wind sensor for Sailboat installations)
- Off Course Alarm

### Specifications:

- Waterproof: IPX6
- Control Head Dimensions: 110 mm L x 110 mm W
- Voltage supply VOLTAGE: 12/24 Volts DC
- Display LCD Color
- Current consumption: 0.5 amps at 12VDC in standby mode
- Maximum Drive Output Current 15 Amps
- Operating temperature: -10°C to +55°C
- Data Connections: NMEA-0183 GPS Input, NMEA-0183 10kHz Compass heading Output
- Course Detection <1 Degree