

## Raymarine® ST70 SmartPilot X-10 Hydraulic System for Powerboats

**NEW**

All-in-one X-10 autopilot for hydraulically steered powerboats. Fits vessels with hydraulic steering cylinder capacities between 4.9 and 14 cubic inches. The system features the ST70 color autopilot controller. The ST70 Autopilot Control brings the convenience and flexibility of sunlight viewable display technology to autopilots. Featuring a high resolution, 3.5" TFT LCD display with 320 x 240 pixels, the ST70 Autopilot Controller's intuitive menu and icon driven interface and simple pushbutton controls make operation simple and straightforward. In addition to its high-visibility numerical readouts, the ST70 Autopilot Controller also takes advantage of its color capabilities with graphical autopilot displays and day/night color palettes.

### ST70 Control Head Features

- 3.5" Sunlight viewable display
- Intuitive graphical displays for visualizing autopilot control
- Simple setup and calibration with AutoLearn
- Programmable AutoTack control
- Extensive range of fishing patterns
- Multifunctional dodge feature
- SeaTalkng next generation data bus interface for creating a ST70 instrument network
- NMEA2000 compatible
- Compatible with Raymarine SeaTalk and SeaTalk<sup>ng</sup> autopilots as well as Raymarine multifunction displays

### X-10 Autopilot Core Pack Features

- Designed for all Raymarine Type 1 autopilot drives.
- Built-in rate gyro processor
- Raymarine AST (Advanced Steering Technology) Software
- AutoLearn calibration.
- Smart Rudder Sense technology eliminates the need for a rudder feedback sensor.
- NMEA 0183 and NMEA 2000 compatible.
- SeaTalk and SeaTalking compatible.
- Automatic trolling of preset fishing patterns



ORDER NO.	PRICE
RAY T12118	\$3740.00

## Raymarine® SmartPilot S1000 Hydraulic Autopilot System

The SmartPilot S1000 autopilot is the perfect fit for powerboats up to 25 feet in length equipped with SeaStar hydraulics. Everything you need to install the autopilot comes in one box. With minimal wiring and no complicated compass or rudder reference to install, you can have your autopilot running in record time. The wireless control has an intuitive menu with a bold clear display.

Engineered to achieve the greatest accuracy without a rudder reference, the S1000 has standard steer to heading mode which allows for straight line trolling and steer to waypoint mode which puts you on the most direct course while reducing the amount of fuel that you use. Raymarine's proprietary SmartSteer technology intelligently calculates the rate of turn relative to the boat speed.

You can connect your Raymarine GPS to the S1000 via the SeaTalk connection or the NMEA input. Included in the box is an adaptor that can be used for easy connections to third party NMEA 0183 compatible GPS.

### S1000 Features:

- Wireless autopilot controller
- Smooth course changes regardless of boat speed
- Standard steer to heading and steer to waypoint functionality
- NMEA 0183 input from handheld GPS
- Dedicated fishing patterns
- Troll at low speeds
- Uses rechargeable or regular AAA batteries
- Displays up to 2 lines of text and graphic display
- Raised profile "Standby" button for easy identification in the dark
- Keylock security
- 10 meters wireless range from base station

### Included in the box:

- S1000 Course Computer
- S100 Remote (wireless handheld)
- 2 x cradle for remote (and mounting screws)
- Lanyard
- Beltclip
- Power cable & 9-pin D-type data cable
- S100 Operating / User Guide
- Quick Start Guide
- Installation Guide



ORDER NO.	PRICE
RAY E12169	\$1185.00

## Universal DuraSafe Electronics Lock

A unique lock that prevents theft of GPS/Marine electronics. The lock acts as a knob, replacing one factory knob from either side of an electronics unit. It offers reliable electronics theft protection. Fits most popular GPS, fish finder, chartplotter and VHF brands.



ORDER NO.	PRICE
DRS UEL50	\$31.10

## Raymarine® SmartPilot X-5 Sport Pilot Autopilot

**NEW**

SPX-5 Sport is designed for manual cable steered boats with laden displacements of up to 4400 lbs and manual hydraulic and servo hydraulic steering up to 7700 Lbs.

- Easy-to-install autopilot for power boats typically up to 30ft
- Built-in rate gyro sensor with Raymarine AST (Advanced Steering Technology) gives superb steering performance and boat handling.
- AutoLearn technology simplifies calibration and enables the autopilot to automatically adapt to changing sea conditions
- Smart Rudder Sense™ technology eliminates the need for a rudder reference sensor
- SeaTalk®, SeaTalkng, NMEA0183 and NMEA2000 compatible
- Modular system includes –ST6002 Autopilot Controller –SmartPilot X-5 course computer –Rugged, cockpit mounted drive unit –Fluxgate compass
- System can be expanded with multiple autopilot controls and wireless hand held remote controls
- Suitable for fixed and tilt steering systems
- Auto Speed Gain adjusts the amount of helm applied at different boat speeds for a smooth, safe ride.
- Course Memory: After a manual course change to avoid an obstruction, simply press Auto for one second to return to your previous course.



ORDER NO.	PRICE
RAY E12206	\$1950.00