

Raymarine®

INSTRUMENTS

ST70 PLUS

High Performance
Instrument and Autopilot System



INSTRUMENTS



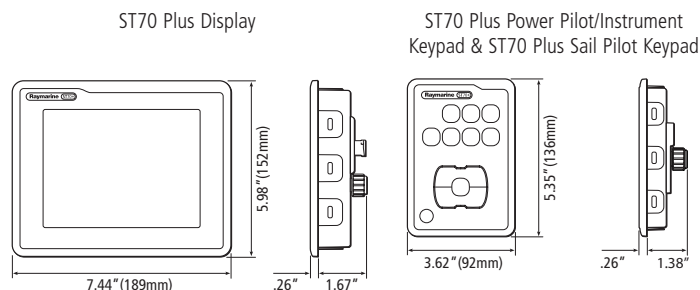
ST70 PLUS INSTRUMENT & AUTOPILOT SYSTEM

The ST70 Plus system is an innovative instrumentation and autopilot display and control system engineered for premium power and sailing yachts. ST70 Plus is the perfect partner for Raymarine E-Series and G-Series navigation systems. The ultra bright 6.5" color display is ideal for installations where information is viewed at a distance. An ergonomic remote instrument keypad provides complete control of the intuitive menu and icon user interface, plus multiple ST70 Plus displays can be controlled from a single instrument keypad. ST70 Plus is fully customizable, with high quality graphics, multiple color palettes and 25 unique screen layout options. Combine an ST70 Plus display with either the Sail or Power pilot keypad and enjoy full function autopilot control of any SmartPilot X-Series autopilot system.

KEY FEATURES

- 6.5" Ultra bright sunlight viewable display
- Superior visibility with high quality graphics and a wide viewing angle
- Night mode and inverse text mode for low light conditions
- Create a system with SeaTalk[™] sensors for wind, speed, depth and NMEA2000 compatible engine systems
- User defined instrument pages
- 25 screen layout options with analog, digital, and historical displays
- Configure as either an instrument or autopilot display

DIMENSIONS



Lifestyle photography courtesy of Windy Boats AS and Beneteau Group

Raymarine[®]

Raymarine Inc.
21 Manchester Street
Merrimack, NH 03054
USA
Tel: 603.881.5200
Fax: 603.864.4756
www.raymarine.com



INSTRUMENT KEYPAD

The instrument keypad controls all the instrument functions via a series of push buttons and a rotary 'Unicontrol' interface.



SAIL PILOT KEYPAD

Designed for sail boats, the sail pilot keypad consists of dedicated buttons to engage and disengage the autopilot, perform a dodge maneuver and track to a waypoint. Course adjustment and auto tack functions are made using the port and starboard -1, +1, -10 and +10 keys.



POWER PILOT KEYPAD

The power pilot keypad is designed specifically for powerboats. Dedicated buttons are used to engage and disengage the pilot and the rotary control provides simple course changes.

ST70 PLUS SPECIFICATIONS

	ST70 Plus	Keypads
POWER		
Absolute voltage range	9-16 Volts	9-16 Volts
Power consumption (maximum) mA	700mA	100mA
PHYSICAL		
Product Weight lbs (kg)	1.98 (0.9)	0.66 (0.3)
Mounting Method	Low profile flush or surface mount (Fully sealed behind panel mount)	Low profile flush or surface mount
Control Type	Requires remote keypad (sold separately)	Backlit buttons and rotary control (Power Pilot/Instrument)
Display size and type	Sunlight viewable VGA (640x480 pixels) color LCD	
Color Palettes	Inverse video (White text on black background) Night mode (Red text on black background)	
Display lighting	White, LED sliding scale	
Connections		
Connectors	2 SeaTalk [™] connectors 1 Power	2 SeaTalk [™] connectors
Interfaces	SeaTalk [™] , NMEA2000	SeaTalk [™] , NMEA2000

ST70 PLUS ORDERING INFORMATION

PART #	DESCRIPTION
E22115	ST70 Plus Display
E22116	ST70 Plus Instrument Keypad
E22117	ST70 Plus Sail Key Pad
E22118	ST70 Plus Power Key Pad
E22119	Analog Close Hauled Wind/VMG repeater
E22121	Analog Compass repeater
E22122	Analog Rudder Reference indicator
E22123	Analog Wind repeater

Raymarine plc
Anchorage Park
Portsmouth, Hampshire PO6 3TD
United Kingdom
Tel: +44 (0)23 9269 3611
Fax: +44 (0)23 9269 4642
www.raymarine.com

Additional information, specifications and interactive product tours available online at www.raymarine.com



Product specifications subject to change without notice