

# SIMRAD

PRO  
SERIES

## Simrad AP60 Autopilot System

The Simrad AP60 is the latest addition to the award winning family of Simrad autopilots. Replacing the renowned AP35, the AP60 is the most cost effective autopilot system available on the market today, providing commercial vessels with the perfect balance of performance and price.

The Simrad AP60 is an entry level pilot packed with features often reserved for high-end autopilots. It completes the Simrad autopilot range, sitting just under the premium AP70 and AP80 systems.

### Intuitive and easy to use

Based on the proven user interface of the AP70 and AP80, the AP60 is incredibly easy to set up and use. The intuitive menu system and large, high contrast monochrome screen with clear digits make reading the display effortless. The heading control includes a rotary course control wheel, as well as dedicated WORK, AUTO and STANDBY buttons enabling simple performance selection depending on your task at sea.

### Feature packed

The AP60 includes two user configurable profiles; WORK and NORMAL. The operator could configure the WORK profile for trawling, towing or other operations, and switch from NORMAL to WORK with one press of a button. The AP60 includes NoDrift steering, thruster integration and turn patterns such as U-Turn and S-Turn – features you wouldn't expect to find in an entry level Autopilot.

### We steer any vessel

The Simrad autopilot series prides itself on flexibility and the ability to customise a solution to steer any vessel. The control unit can be used in isolation, as part of a multi-station system, or alongside a wide range of remote controls. The AP60 is also compatible with the most comprehensive range of Simrad autopilot computers, interface boxes, heading sensors and rudder feedback units. This unit stands out amongst the competition for its sheer versatility and the ability to meet the needs of a wide range of both leisure and commercial vessels.

The latest family of Simrad autopilots is the result of over 60 years of design and production from a company recognised as a leader in auto steering and navigation.

### Main Features

- The most cost effective advanced autopilot system with thruster integration
- Compatible with an extensive range of existing Simrad autopilot remote controllers and accessories
- Two user configurable profiles; NORMAL and WORK – customise parameters to suit specific operations
- Designed by the world leaders in autopilot technology
- Backed by the Simrad Advantage Service program which includes 7 years of worldwide product support



Technical specifications overleaf.



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# Technical Specifications

<b>▶ KEY FUNCTIONS</b>	
Heading control	
Course steering (NoDrift)	
Waypoint-waypoint steering (Nav)	
Non Follow Up steering (NFU)	
Follow Up steering (FU)	
Adjustable light (10 levels)	
Day and night mode lighting	
Power on/off	
Digital steering repeater view	
Analog and digital rudder angle view	
Course Over Ground (COG) and Speed Over Ground (SOG) readout	
Immediate turn setting with rotary knob	
Rate turn	
Heading/course catch	
Direct command transfer (open/unlocked system)	
Thruster on/off with direct access key	
U-turn	
S-Turn	
Two user configurable profiles, Work and normal	
Adaptive steering (precision/economy)	
Possibility for manual steering parameter setting	
Built in audible alarm	
Unit setting (nautical, metric, US)	
Languages	multi language support
<b>▶ DISPLAY</b>	
Size	112 mm; 4.4"
Resolution (HxW)	130 x 104
Type	TFT Matrix LCD
Backlight	Red or white LED
<b>▶ NETWORKING</b>	
CAN bus	Micro-C
<b>▶ POWER</b>	
Local supply	8-16 V DC (CAN network powered)
Consumption	1.2 W Max typical
NMEA 2000 Load Equivalent number (50mA)	1

<b>▶ ENVIRONMENT</b>	
Temperature, operation	-15 to +55°C; 5 to 131°F
Temperature, storage	-30 to +70°C; -22 to 158°F
Protection	IPX6 (from front)
<b>▶ MECHANICAL</b>	
Dimensions	172mm x 114mm x 48mm; 6.5" x 4.3" x 1.6"
Weight	0.5kg; 1.1 lbs
Mounting	Dash Mount (from front) or bracket mount.
<b>▶ ACCESSORIES</b>	
Acc kit inc corners 22096630	
Weather cover 22096572	
Bracket 22096820	



PART NUMBER	DESCRIPTION
000-11220-001	AP60 Simrad Control Unit
000-11217-001	AP60 Pack (AP60+AC70+RF300)
000-11218-001	AP60 Thruster Pack (AP60+AC70+RF300+AD80) - analogue
000-11219-001	AP60 Thruster Pack (AP60+AC70+RF300+SD80) - solenoid

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