



AP9

AUTOPILOT

Precision control for your yacht or superyacht. Designed for vessels 15-75 + metres and high speed craft, settings can be quickly adjusted by rotary control and touch button.



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The autopilot with more

The system can be integrated with navigational aids such as a GPS or GPS plotter to provide way point steering, or in addition can become a timer fixed commercial watch alarm.

FEATURES



JOG lever input



Luminescent front panel for ease of use at night



Up to two remote steering positions



3 heading input options



Off course alarm



Timer adjustable or fixed for use as a commercial watch alarm



Current heading lock on



Waypoint Steering (when interfaced with GPS plotter)



Rate of turn adjustment



Counter rudder

STANDARD INCLUSIONS



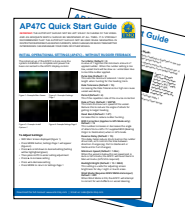
AP9 Control unit



Electronic compass sensor with 5 metres of cable



Rudder Feedback Unit (Heavy Duty)



Operation manual

The TMQ AP9 autopilot is a hybrid of digital and analogue technology, adjusting its parameters to suit any boat.

DISPLAY MODES

Standby Mode:

The autopilot displays the current magnetic heading and will not apply any steering control.

Auto Mode:

The autopilot will maintain your boat on the selected magnetic course. Course can be set via the keypad panel, changed by rotating the large knob or recalled from a stored course with the PRESET button. Where fitted, the course can also be controlled via a remote control unit.

Power Steer:

The rudder angle may be controlled by the large control knob on the main panel or from one of the remote steering stations.

GPS Mode:

When receiving information from a GPS unit, the autopilot can steer a vessel along a preset track to a precise latitude and longitude.

Watch Timer:

A timer can be set for 1 to 120 minutes. When the time expires, an alarm sounds.

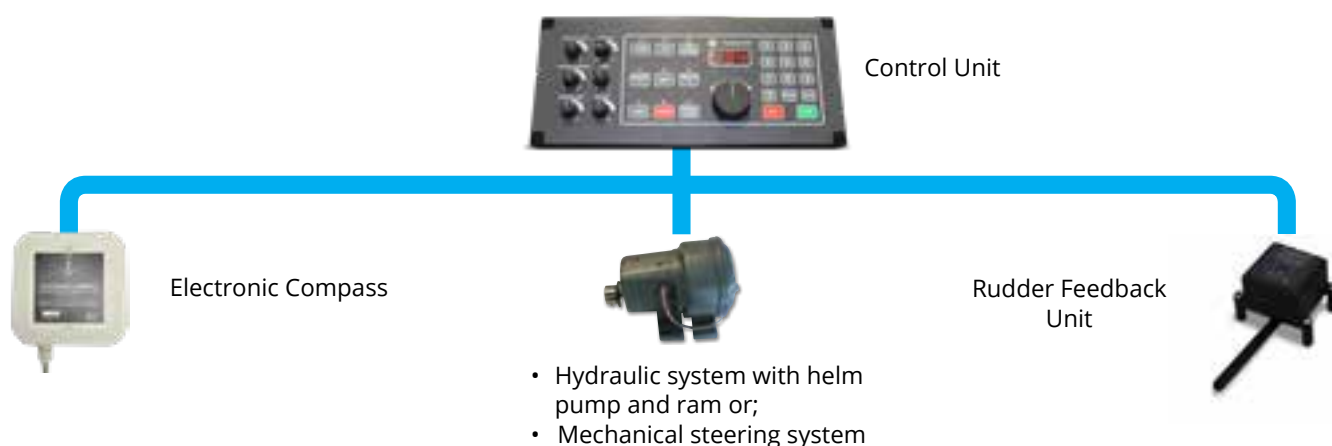
Uses include timing of trawling runs or a reminder to check for anchor drag at set periods.

Commercial Watch Timer:

For vessels under survey. The timer can be set to give a warning alarm at a fixed preset time and provide an output control signal for a loud external alarm 1 minute after the internal alarm sounds.

Note: An external alarm piezo siren must be fitted.

CONNECTION DIAGRAM



ACCESSORIES & OPTIONAL EXTRAS



DIMENSIONS

(W) 309mm x (H) 140mm x (D) 65mm
(Allow for rear cable connection)

SPECIFICATIONS

VOLTAGE:	12-24 volts DC	COURSE ALARM:	Adjustable
CURRENT:	Manual – 0.4 amps. Auto – 1.0 amps. Max: 15 amps	RUDDER RATIO:	0.1:1.0 to 1.0:1.0
CONTROLS:	Rotary and Push button	RUDDER LIMITS:	Front panel adjustable
DISPLAY:	LED	SENSITIVITY:	0 – 10 degrees
COURSE DETECTION:	Better than 1 degree		
NAV. SIGNAL:	NMEA 0183		
WATCH ALARM:	Adjustable 0/60 minutes		

SUPPORT

Benefit from over 40 years of local product support. TMQ equipment is backed with a 2 year warranty*. Warranty is extended to 3 years when the item is registered with TMQ.



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