

# ComNav

# autopilot



## 1420 Autopilot

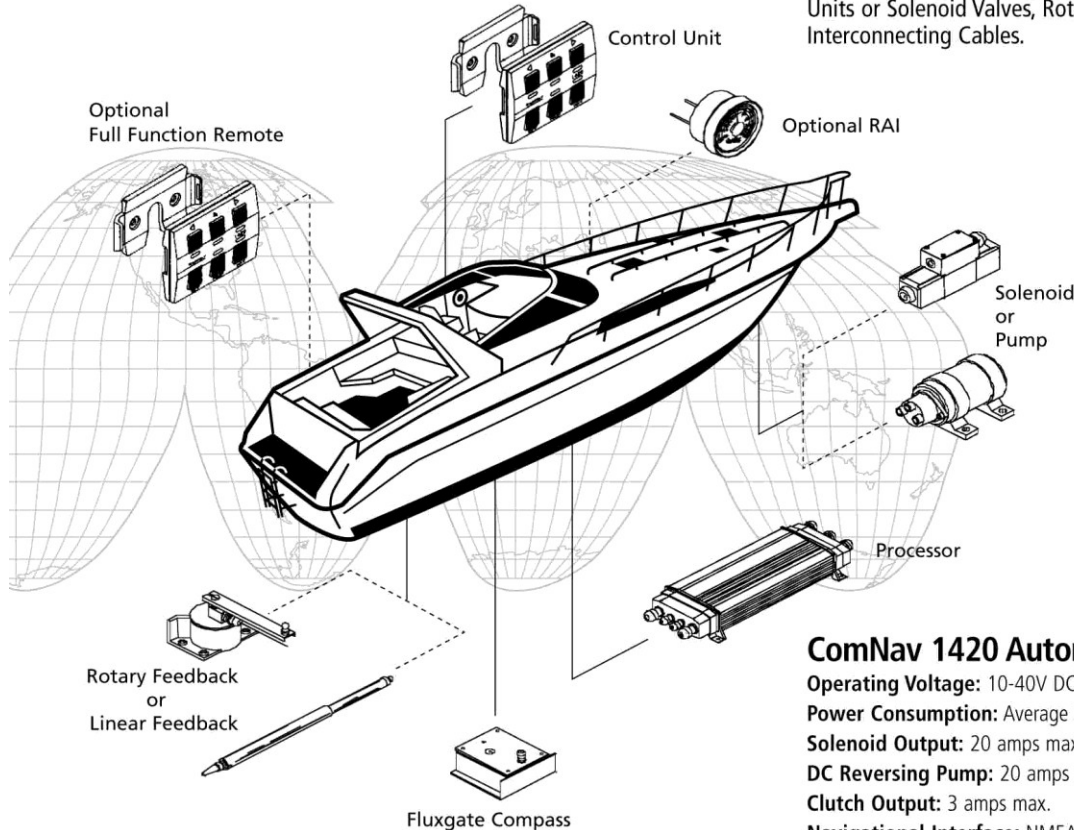


- Clip mounted allowing both fixed or hand held operation
- Suitable for small to mid-sized vessels
- Capable of operating on most standard types of steering systems
- Waterproof Control Head
- "Hands Off" automatic yaw, sea state and trim
- Optional full function remote
- Output for optional analog rudder angle indicator, up to 4 stations.
- Easy course changes, from one degree to major changes, with the push of a button
- "Nav" mode accepts NMEA 0183 information
- One NMEA 0183 Heading Output (HDM & HDG)
- Built-in diagnostics and self tests plus visual and audible alarms
- Reliable in any sea and weather condition
- Easy to install and fully compatible with your onboard instruments
- Fourteen selectable steering parameters for both Fast and Slow Modes
- Extended 3 year warranty
- Meets CE requirements



# 1420 Autopilot

A basic ComNav 1420 electronics package includes: Control Head, Processor, Fluxgate Compass, output for Reversing Drive Units or Solenoid Valves, Rotary or Linear Feedback and all Interconnecting Cables.



## ComNav 1420 Automatic Pilot Specifications

**Operating Voltage:** 10-40V DC  
**Power Consumption:** Average 3 amps, 20 amps peak  
**Solenoid Output:** 20 amps max.  
**DC Reversing Pump:** 20 amps max.  
**Clutch Output:** 3 amps max.  
**Navigational Interface:** NMEA 0183  
**Heading Reference:** Fluxgate  
**Course Resolution:** 1°  
**Course Detection:** 0.25°

## Dimensions

**Control Unit:** 79mm x 64mm x 18mm / 3.1 x 2.5 x 0.7 inches  
**Processor Unit:** 160mm x 380mm x 70mm / 6.3 x 15.0 x 2.7 inches  
**Fluxgate Compass:** 142mm x 107mm x 76mm / 5.6 x 4.2 x 3.0 inches  
**Pump:** 122mm x 191mm x 102mm / 4.8 x 7.5 x 4.0 inches

## Options

1420 Full function remote.  
Rudder Angle Indicator, easy-to-read analog display.  
Rate Stabilized fluxgate compass.

*Specifications subject to change without notice*

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