

ComNav<sup>®</sup>

marine



**COMPILOT**  
▶

# COMPILOT

## ADMIRAL



### Features Exclusive to the Admiral Model

- WHEELMARK certified, IMO compliant

- **SUNLIGHT VIEWABLE COLOR LCD** - high contrast crystal clear LCD; QVGA (320 x 240) high resolution TFT display
- **UNIVERSAL MOUNT** - fixed station autopilot, either surface, flush or bracket mounted
- **IST** - Intelligent Steering Technology designed with automatic *self learning* attributes that work continually to improve steering while underway



- **AUTO SETUP** - select boat type from menu, and ComPilot's automatic drive detection, automatic compass detection and compensation routine automatically calibrates for immediate results
- **AUTO SEA STATE** - automatic sea state adjustment with manual override
- **QUICK TURN SELECTION** - continuous CIRCLE, U-TURN, Emergency MOB which steers the all-important Williamson Recovery turn & FISH ZAG to allow the sport fisher to mimic the actions of live prey more closely
- **WATERPROOF** Control Head to commercial grade IP67 standards
- **SIMPLE** touch 8 button illuminated keypad
- **ADVANCED POWER FEATURES** include automatic helm bias, automatic leeway control for minimizing course errors due to wind and tide and automatic thruster assist for dead-ahead slow or station keeping
- **PRC** proportional rate control feature provides gentle smooth response at fast cruising speeds
- **WORK MODE** - superbly suited for professional performance on vessels requiring ultimate rudder response; adjustments can be made "on the fly"
- Multiple selections of steering parameters for Fast, Slow and Work modes
- Easy to install
- Simple to use course change knob with mechanical detent
- Multi-station capability with security station lock
- 8 level backlit LCD display for comfortable viewing in all conditions
- Optional full function Remotes both fixed and hand held
- Unique center amplified digital Rudder Angle display
- "Hands Off" automatic trim
- Adjustable yaw, turn rate and rudder settings
- NAV mode provides adaptive precise track steering; dual navigation NMEA 0183 input ports
- Standard NMEA 0183 outputs Heading and Autopilot status info
- Power steering feature for ease of maneuvering
- PORT and STBD dodge buttons for collision avoidance
- Fully compatible with your onboard instruments and steering system
- Built-in diagnostics and self tests plus visual and audible alarms
- Output for optional analog rudder angle indicator, up to 4 stations
- Reliable in all weather conditions
- Auto steering selection of parameters with manual override
- Multi language capability
- Extended 3 year warranty
- Fully compatible with the ComNet advanced marine electronics network protocol for connection to all industry standard marine electronics
- CE certified

# COMMANDER



## Features Exclusive to the Commander Model

- **Sunlight Viewable LCD** is also available in silver backed high contrast monochrome version; QVGA (320x240) high resolution TFT display
- **Advanced Sail steer to wind features** include gybe inhibit, adjustable wind filter, wind shift alarms, one touch preset tack angle, port and starboard tack alarms, one touch opposite tack and exclusive rate of tack will make sure you won't end up in irons

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# ADMIRAL

## SPECIFICATIONS

- Operating Voltage:** 10 to 40 VDC
- Power Consumption:** Average 0.5 Amps, 3 Amps Peak (Lower consumption capability with low backlight setting)
- Drive Output:** 20 Amps
- Navigational Interface:** Dual NMEA 0183 inputs
- NMEA 0183 Output:** Heading (10x per sec), Autopilot Status (1x per sec)
- Heading Reference:** Fluxgate, Magnetic Compass, Standard Gyro or NMEA input
- Course Resolution:** 1°
- Course Detection:** 0.1°
- Control Head:** Sunlight viewable high contrast color LCD; QVGA (320 x 240) high resolution TFT display
- Compliance:** Wheelmark, IMO

## DIMENSIONS

- Control Head** (surface mount w/o knob): 155 x 113 x 29 mm / 6.1 x 4.5 x 1.2 inches
- Distribution Unit:** 257 x 184 x 73 mm / 10.2 x 7.3 x 2.9 inches
- Fluxgate Compass:** 142 x 107 x 76 mm / 5.6 x 4.2 x 3.0 inches
- 45° Fluid Damped Fluxgate Compass:** 125 x 140 x 120 mm / 4.9 x 5.5 x 1.7 inches

## OPTIONS

- Wide range of fixed and full function Remotes
- Wide range of specialty drives and interfaces
- GPS Antenna, boat position / speed sensor, NMEA 0183, WAAS capable
- Non-Follow-up jog switches
- Rudder Angle Indicator, easy-to-read analog display
- Rate stabilized Fluxgate Compass
- Wind Transducer



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Printed in Canada

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