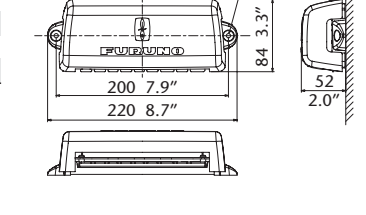
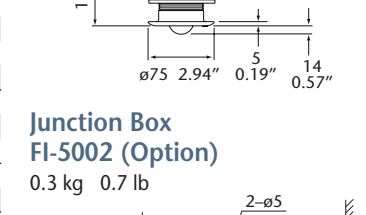
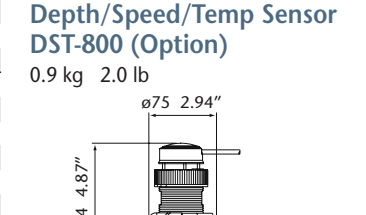
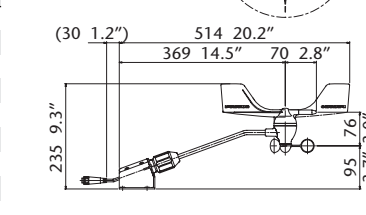
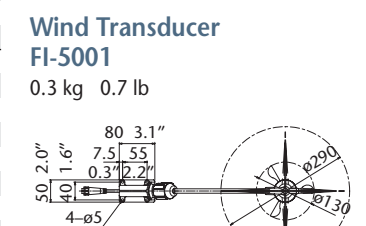
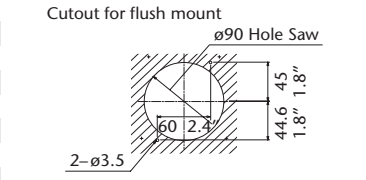
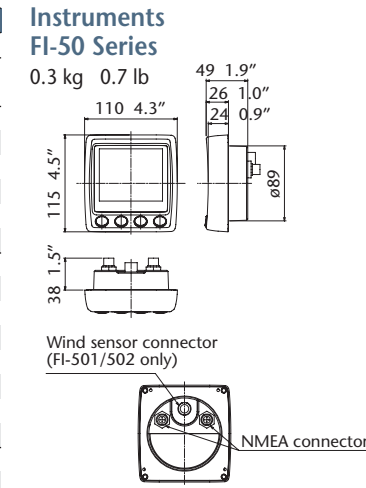


and Comfortable Boating



- ▶ Bright backlit displays with wide viewing angles
- ▶ Auto-Backlighting feature minimizes power consumption
- ▶ NMEA2000® interface offers "Plug and Play" networking
- ▶ Easy installation with hole-saw flush-mount design
- ▶ Ideal for mast or bulkhead mounting configurations
- ▶ White face "F1 Style" gauges provide maximum contrast and visibility
- ▶ New use Organic Light Emitting Diode (OLED) Backlighting Technology reduces power consumption

	WIND FI-501	CH WIND FI-502	DIGITAL FI-503	MULTI FI-504	COURSE PILOT FI-505	RUDDER FI-506
Port	NMEA2000®x2 WINDx1	NMEA2000®x2 WINDx1	NMEA2000®x2	NMEA2000®x2	NMEA2000®x2	NMEA2000®x2
Depth						
Current Depth	-	-	○	○	-	-
Shallow alarm threshold	-	-	○	○	-	-
Deep alarm threshold	-	-	○	○	-	-
Anchor shallow alarm threshold	-	-	○	○	-	-
Anchor deep alarm threshold	-	-	○	○	-	-
Speed						
STW (Speed through water)	-	-	○	○	-	-
SOG (Speed over ground)	-	-	○	○	-	-
Maximum Speed	-	-	○	○	-	-
Average Speed	-	-	○	○	-	-
VMG to windward	○	○	○	○	-	-
Log (0 - 9999nm)	-	-	○	○	-	-
Trip (0 - 999.99nm)	-	-	○	○	-	-
Wind						
Apparent wind speed	○	○	○	○	-	-
Apparent wind direction	○	○	○	○	-	-
True wind speed	○	○	○	○	-	-
True wind direction	○	○	○	○	-	-
Beaufort scale and cardinal point	○	○	○	○	-	-
Maximum wind speed	○	○	○	○	-	-
Maximum true wind speed alarm	○	○	○	○	-	-
Low true wind speed alarm	○	○	○	○	-	-
High apparent wind angle alarm	○	○	○	○	-	-
Low apparent wind angle alarm	○	○	○	○	-	-
Ground Wind	-	-	-	-	-	-
Heading						
Heading	-	-	○	○	-	-
Average heading	-	-	○	○	-	-
Locked heading	-	-	○	○	-	-
Heading on next tack	-	-	○	○	-	-
COG (Course over ground)	-	-	○	○	-	-
CMG (Course made good)	-	-	○	○	-	-
DMG (Distance made good)	-	-	○	○	-	-
Navigation						
Bearing to Waypoint	-	-	○	○	-	-
Distance to Waypoint	-	-	○	○	-	-
Cross Track Error and error steer bar	-	-	○	○	-	-
Target waypoint name	-	-	○	○	-	-
Target waypoint number	-	-	○	○	-	-
Latitude	-	-	○	○	-	-
Longitude	-	-	○	○	-	-
GPS satellite status	-	-	○	○	-	-
Roll	-	-	○	○	-	-
Pitching	-	-	○	○	-	-
SOG	-	-	○	○	-	-
Environment						
Battery voltage	-	-	○	○	-	-
Battery voltage alarm	-	-	○	○	-	-
Date and Time	-	-	○	○	-	-
Water Temperature (two decimal points)	-	-	○	○	-	-
Air Temperature	-	-	○	○	-	-
Pressure	-	-	○	○	-	-
Humidity	-	-	○	○	-	-
Wind Chill Temperature	-	-	○	○	-	-
Dew point	-	-	○	○	-	-
Timer						
Count-up timer	-	-	○	○	-	-
Count-down timer	-	-	○	○	-	-
Autopilot						
Rudder angle	-	-	○	○	-	○
Engine						
Fuel information	-	-	○	○	-	-
Fuel consumption	-	-	○	○	-	-
Engine RPM	-	-	○	○	-	-



FI-50 series INSTRUMENTS



Precision Instrumentation for Safe

The FURUNO FI-50 Navigation Instrument Series are professionally designed to meet the needs of all sailing and power boat vessels. These instruments provide a wide variety of precise information, even under the harshest conditions, enhancing your safety at sea.

Each easy-to-use display unit utilizes standard NMEA2000® network connectors and cabling. Data from each component may be fully integrated with any Navnet 3D or other NMEA2000® system providing an easy "Plug and Play" installation.



FI-50 series INSTRUMENTS

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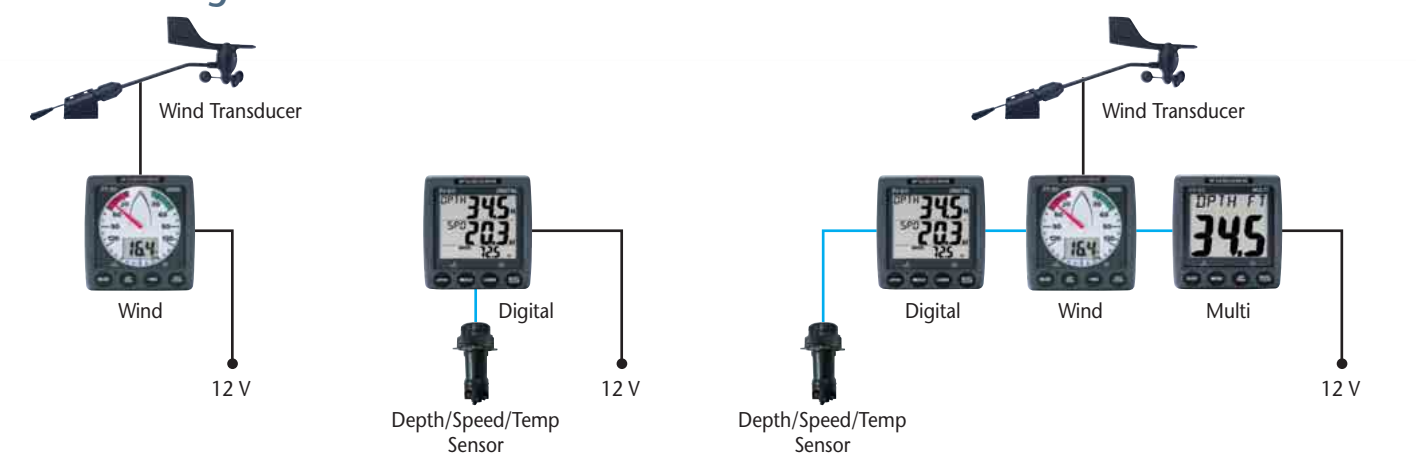
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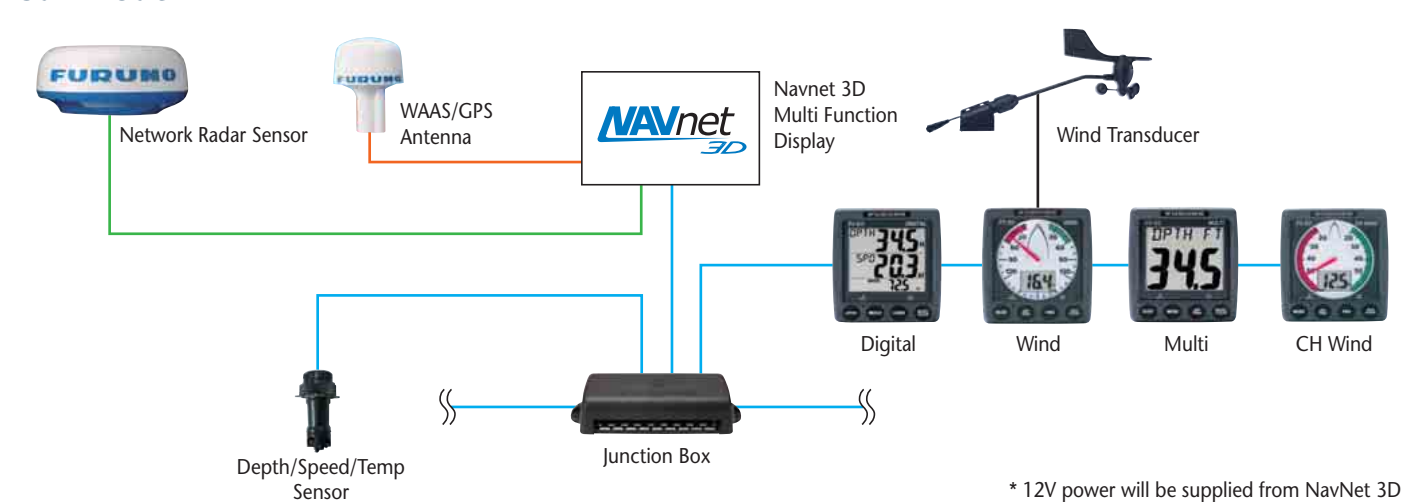
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System Configurations

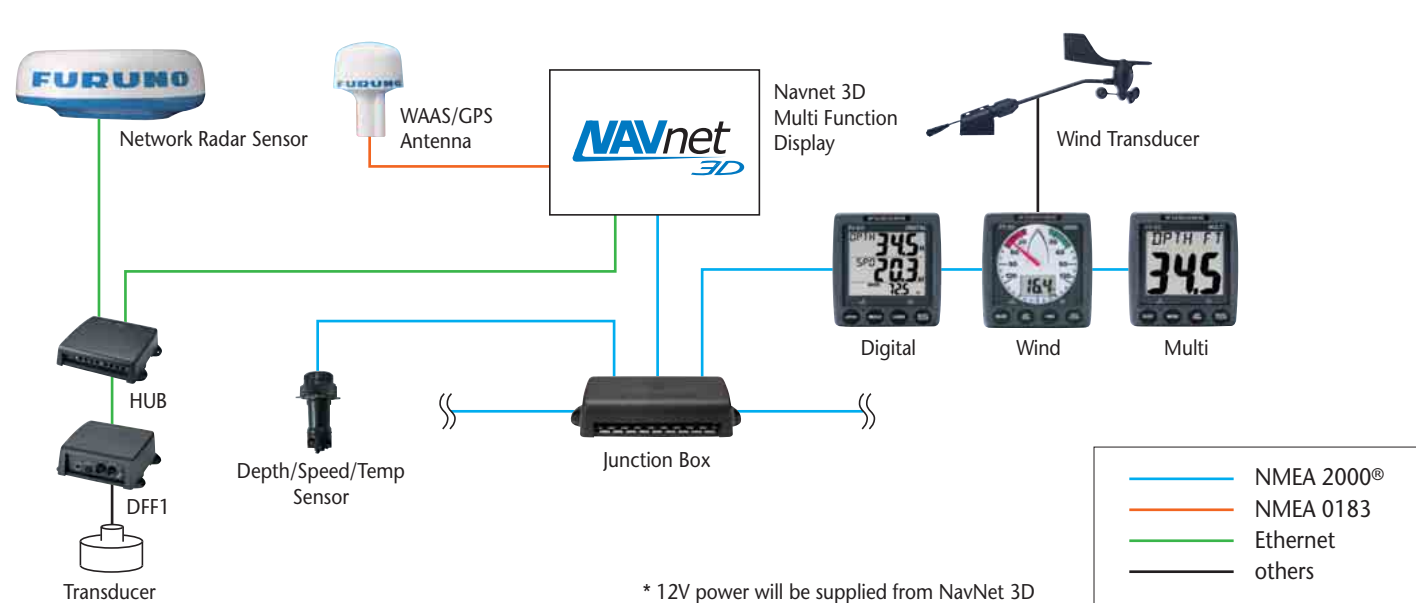
Basic Configurations



Sail Boat



Power Boat



FI-501
Apparent and True Wind Angle is displayed in both analog and digital format when connected to the FI-5001 or other NMEA2000® wind measurement system.

FI-502
The FI-502 provides detailed and precise wind bearing measurements from 60 port to 60 Starboard, an important range for Close Hauled (CH) points of sail.

FI-503
The FI-503 displays critical digital data for navigation, such as depth, speed, temp, and atmospheric weather data in a 3-way split screen.

FI-504
The FI-504 features a large digital display. The combination of alpha and numeric characters present all of the data and functionality available in the FI-50 Network. Alternating Data Displays are possible and selected information can be switched at 3 second intervals.

FI-505
The FI-505 provides a digital compass readout with an analog "Off-Course" needle that greatly assists the helmsman in maintaining the desired vessel course. Or, use the needle to check and verify the autopilot steering performance.

FI-506
Connected to an Autopilot, the FI-506 Rudder Angle Display show precise rudder angle information.

Data displayed

- Apparent and true wind speed
- Apparent and true wind angle
- Maximum true wind speed
- MAX/LOW true wind speed alarm
- High/Low apparent wind angle alarm
- Beaufort wind speed
- VMG to windward

Data displayed

- Current depth
- Shallow/deep alarm
- Shallow/deep anchor alarm
- Wind angle
- High/Low apparent wind angle

Data displayed

- Boat speed
- MAX/AVG STW
- SOG
- MAX/AVG SOG
- VMG to windward
- Wind speed
- MAX true wind
- MAX/LOW true wind speed alarm
- Beaufort wind speed
- LOG
- Trip
- Count up/down timer
- Water temperature
- Air temperature
- Air pressure
- Humidity
- Wind chill temperature
- Dew point

Data displayed

- Displays all information on the FI-50 series
- NAVIGATION (Bearing/distance to WPT, XTE, WPT number/name, L/L, Satellites tracked, Roll & Pitch)
- ENVIRONMENT (Battery voltage, Time & Date)
- ENGINE (Trip fuel used, Fuel consumption, Engine RPM)

Data displayed

- Current heading
- Locked heading
- Average heading
- Course over ground



FI-50 series INSTRUMENTS

Specifications of FI-50 series

Display: Analog and digital LCD (FI-501, 502, 505)
Digital LCD (FI-503, 504)
Analog (FI-506)

Power supply: 12 VDC, less than 0.1 A

Temperature: -15°C to +55°C

Waterproofing: IP56

Sensors and Accessories (Option)



Easy to install

Surface Mount the displays with a hole saw then install 4 hidden screws under the front bezel. Installations are easy and clean with a finished appearance (1"(26mm)bulkhead protrusion)

Optional "Low Profile" Flush Mounting front panels provide a cosmetic match to NN3D Displays and a custom console appearance (0.4"(10mm)bulkhead protrusion)

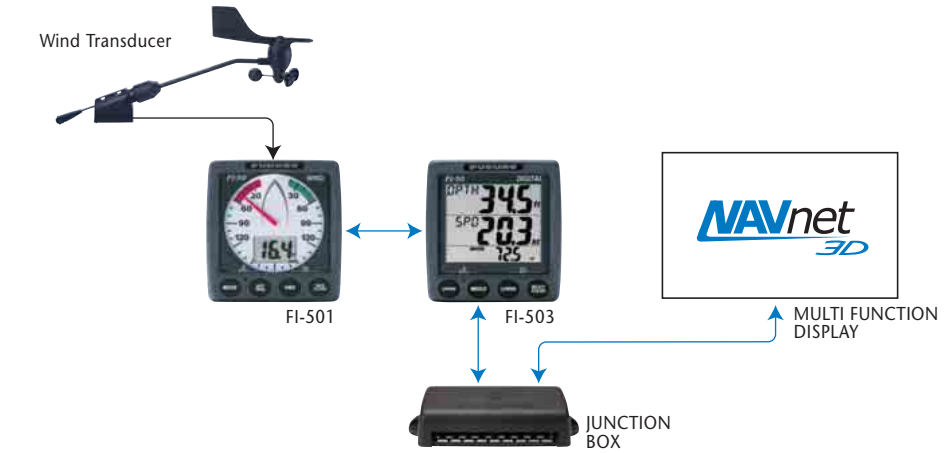


Surface mount installation



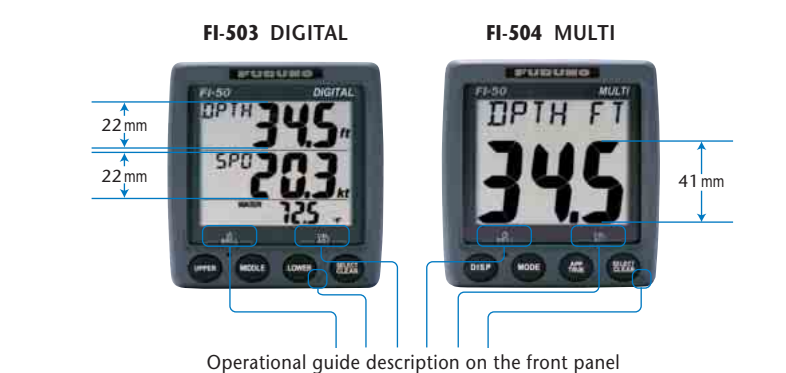
Flush mount installation with optional front panel

The units are designed to match the NavNet 3D series and other navigation equipment. The "Plug and Play" system utilizes NMEA 2000® interface protocol, which gives the system exceptional interface ability.



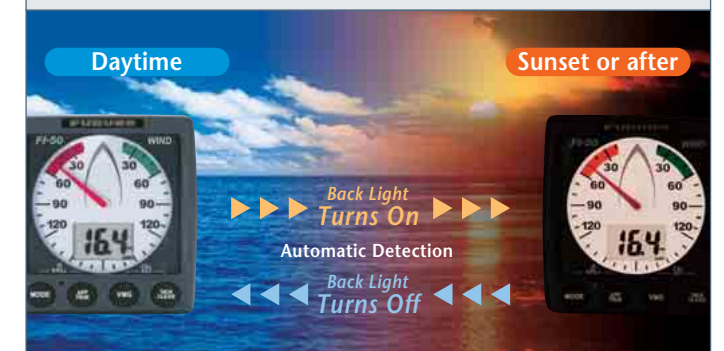
Easy to Read with Silver Bright LCD Display

The FI-50 Series utilize high-contrast, backlit LCD displays for superior viewing even in direct sunlight. Each unit features an easy-to-read display and 4 simple programming buttons for operation. The function for each key and combination is printed directly on the front panel.



Automatic Backlight Adjustment

The FI-50 series of instruments minimize power consumption by turning off the backlight during the daytime. Sensors on the front panel measure ambient lighting conditions and adjust the on/off condition of the display backlighting accordingly.



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