FURUNO

Model **FI-70**

INSTRUMENT/DATA ORGANIZER

All your info... All in one,
for powerboats and sailboats alike

The new FI-70 INSTRUMENT/DATA ORGANIZER sports a vibrant 4.1" bonded color display that is visible even in the harshest sunlight conditions. Utilizing the CAN bus (NMEA2000) network, external sensors can easily be connected for simple and reliable operation. The FI-70 features an easy to operate graphical user-interface. It allows you to customize almost every display property, allowing you to choose the information you want to be displayed, in the way you want to see it!

▶ Clear 4.1" QVGA screen that is viewable even under direct sunlight
▶ Simple and intuitive graphical user interface allows you to fully customize
▶ Designed to perfectly match the NavNet TZtouch/TZtouch2 on your helm
▶ Bonded color LCD ensuring condensation free operation as well as great visibility
▶ Use your existing wind sensors (FI-5001/FI-5001L) with the new analog IF-NMEAFI converter
▶ Low power consumption (0.25 A max)
▶ Simple AIS display through connected CAN bus devices
▶ Share language and brilliance settings between FI-70s when grouping them together

Simple setup for powerboats and sailboats alike

No matter if you own a powerboat or a sailboat, the FI-70 INSTRUMENT/DATA ORGANIZER will be equally useful with the proper sensors connected.
For maximum performance and simple setup, the FI-70 automatically asks you which type of vessel you have, helping to customize operation of the unit. With its low power consumption and easy installation, it's hard to imagine a vessel where the FI-70 wouldn't be a benefit.

Model FI-70
INSTRUMENT / DATA ORGANIZER

Display Data

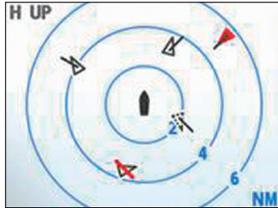|				
Speed	STW (Speed Through Water), Max STW, Average STW, SOG (Speed Over Ground), Max SOG, Average SOG, VMG (Velocity made good)		Boat	Rudder Angle, Trim Tabs, Roll/Pitch
			Engine	Engine RPM, Trip Fuel Used, Fuel Rate, Engine Trim/Tilt, Boost Pressure, Engine Temperature, Engine Hour, Oil Pressure, Oil Temperature, Coolant Pressure, Engine Load, Transmission Oil Temperature, Transmission Oil Pressure
Wind	AWS (Apparent Wind Speed), TWS (True Wind Speed), Max TWS, AWA (Apparent Wind Angle), TWA (True Wind Angle), Beaufort Wind, GWD (Ground Wind Direction)			
			Tank	Tank Level 1-6
Heading	HDG (Heading), Average HDG, Heading on Next Tack, ROT (Rate Of Turn)		Depth	Depth
Course	COG (Course Over Ground)		AIS	AIS (Max targets: 25, fixed 6NM range)
Timer	Count Down Timer 1, Count Down Timer 2, Count Up Timer		Voltage	Supply Voltage
Navigation	Bearing, RNG (Range), WPT (Position), XTE (Cross-Track Error), Position, ETA Time, ETA Date, Trip, Odometer		Environment	Date & Time, Water Temperature, Air Temperature, Atmospheric Pressure, Humidity, Wind Chill Temperature, Dew Point

Display Modes

Heading

Wind

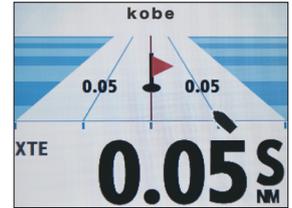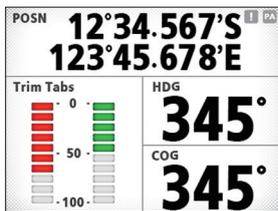Engine RPM (Single)

Engine RPM (Triple)
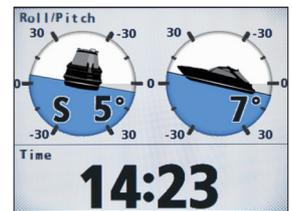

AIS

Graph

Timer

Highway

Data Box (Split)
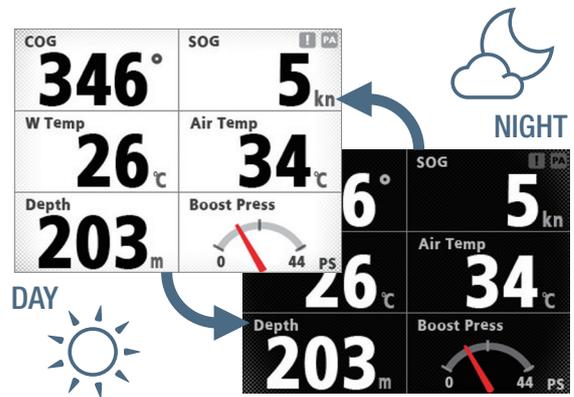

Data Box (Single)
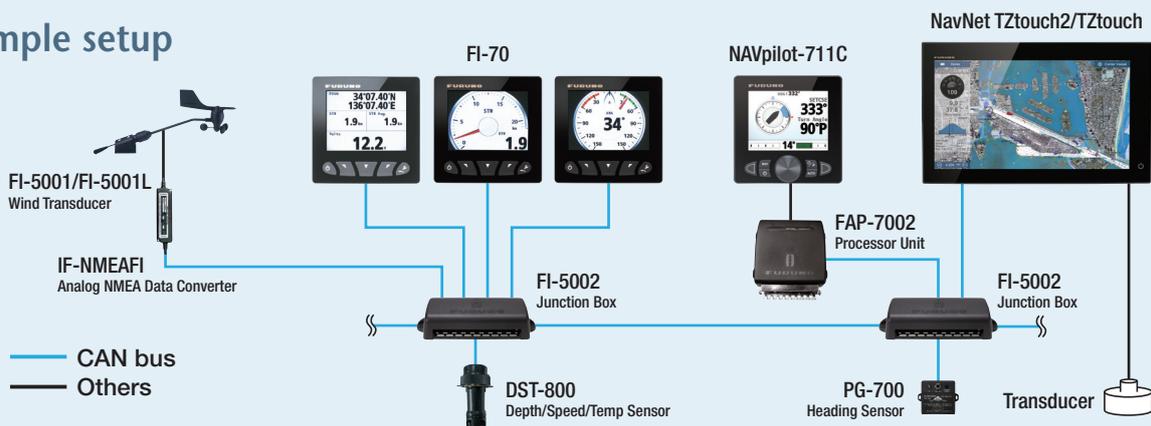

Rudder

Roll & Picth

The NavNet TZtouch2, NAVpilot-711C and the FI-70 have been designed to match each other beautifully, both in appearance and in function.
Sporting a clean and functional design in all black, the FI-70 fits right in on your helm, together with the NavNet TZtouch2 and NAVpilot-711C.

FI-70

NavNet TZtouch2

NAVpilot-711C

Day and Night modes are available for less eye strain. With Day and Night mode, losing your night vision is no longer an issue. Simply change between the two modes with a menu setting.

NIGHT

DAY

Example setup

NavNet TZtouch2/TZtouch

FI-70

NAVpilot-711C

FI-5001/FI-5001L
Wind Transducer

IF-NMEAFI
Analog NMEA Data Converter

FAP-7002
Processor Unit

FI-5002
Junction Box

FI-5002
Junction Box

— CAN bus
— Others

DST-800
Depth/Speed/Temp Sensor

PG-700
Heading Sensor

Transducer

SPECIFICATIONS OF

Model FI-70 INSTRUMENT / DATA ORGANIZER

GENERAL

Screen Size	4.1" Color LCD
Pixel Number	320 (V) x 240 (H) pixels (QVGA)
Brightness	Typical 700 cd/m²
Display Mode	Analog Meter, Graph, Highway, Race Timer, Simple AIS, Data Box

INTERFACE

Port CAN bus (NMEA2000) x1

Input PGN: 059904, 060928, 061184, 126208/720/992/996,
(NMEA2000 V2.0) 127237/245/250/251/257/258/488/489/493/497/505,
128259/267,129025/026/029/033/038/039/040/283/
284/285/794/809/810,130306/310/311/312/313/316/
576/577/816/821/822/825/880/841

Output PGN: 059392/904, 060928, 061184, 126208/464/720/
(NMEA2000 V2.0) 993/996,130816/821/822/823/825/841

POWER SUPPLY

Power Supply	15 VDC through CAN bus
Power Consumption	15 VDC 0.25 A max, LEN3

ENVIRONMENT

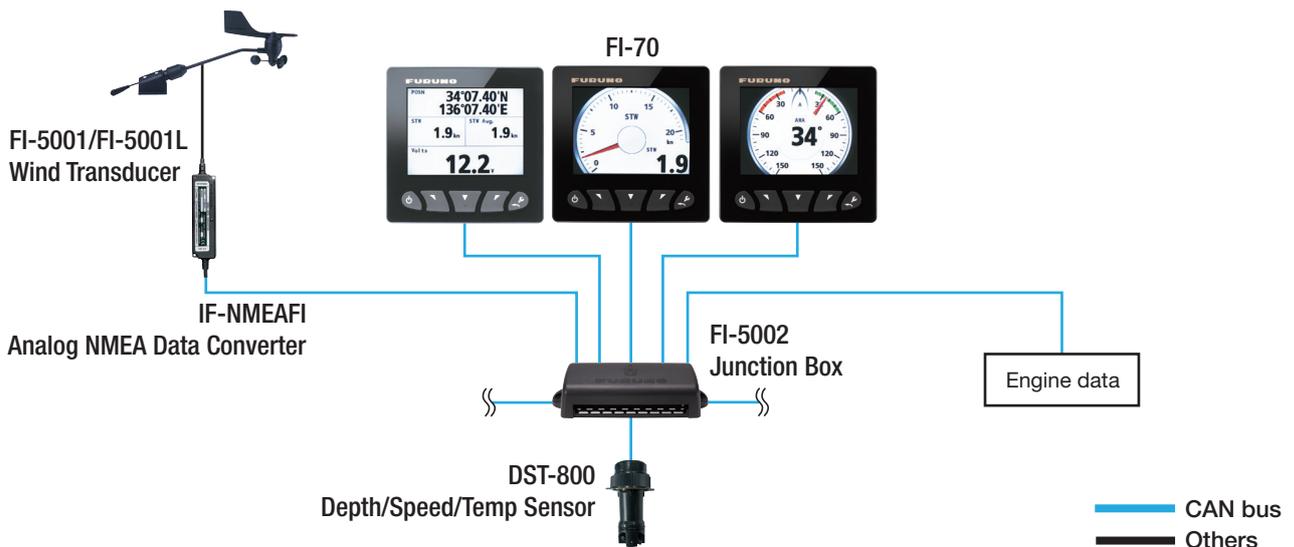|	
Temperature	-15 °C to +55 °C
Waterproofing	IP56

EQUIPMENT LIST

Standard
1. Instrument FI-70 with 6 m cable   1 unit
2. Installation Materials

Option
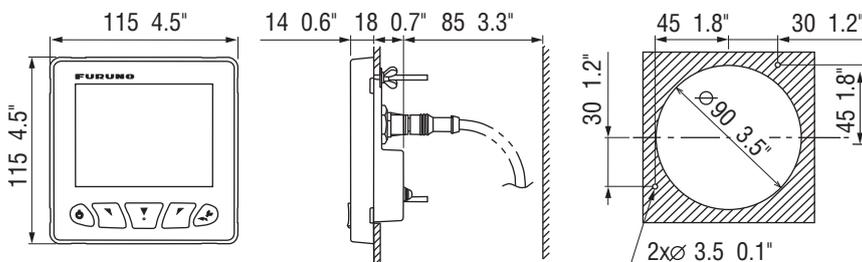1. Junction Box   FI-5002
2. Depth/Speed/Temp Sensor   DST-800
3. Wind Transducer   FI-5001/FI-5001L
4. Analog NMEA Data Converter   IF-NMEAFI
5. Cable Assembly   M12-05BM+05BF   1/2/6 m
6. Cable Assembly   CB-05PM+05BF   1/2/6 m
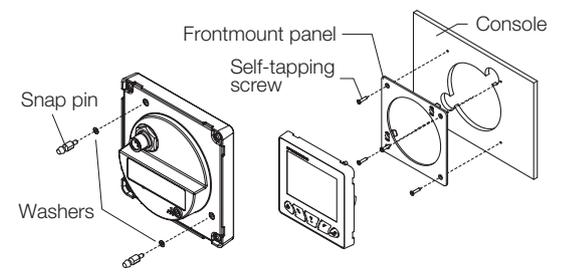7. Frontmount kit   OP26-29

CONNECTION DIAGRAM

FI-5001/FI-5001L Wind Transducer

IF-NMEAFI Analog NMEA Data Converter

FI-70

FI-5002 Junction Box

Engine data

DST-800 Depth/Speed/Temp Sensor

— CAN bus
— Others

Instrument FI-70   0.22 kg   0.5 lb

Cut-out for flush mount

115 4.5"   14 0.6" 18 0.7" 85 3.3"   45 1.8"   30 1.2"

115 4.5"   30 1.2"   Ø90 3.5"   45 1.8"

2xØ 3.5 0.1"

Frontmount Installation

Frontmount panel   Console
Self-tapping screw
Snap pin
Washers