SPECIFICATIONS OF

Model FI-70 INSTRUMENT/DATA ORGANIZER

FURUNO

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 x1

Input (PGN) — 059904, 060928, 061184, 126208/720/992/996, 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, 126208/464/720/993/996,130816/821/822/823/825/841

POWER SUPPLY
Power Supply — 15 VDC through CAN bus

Power Consumption — 15 VDC 0.15 A max, LEN3

ENVIRONMENT
Temperature — -15 °C to +55 °C

Waterproofing — IPX6

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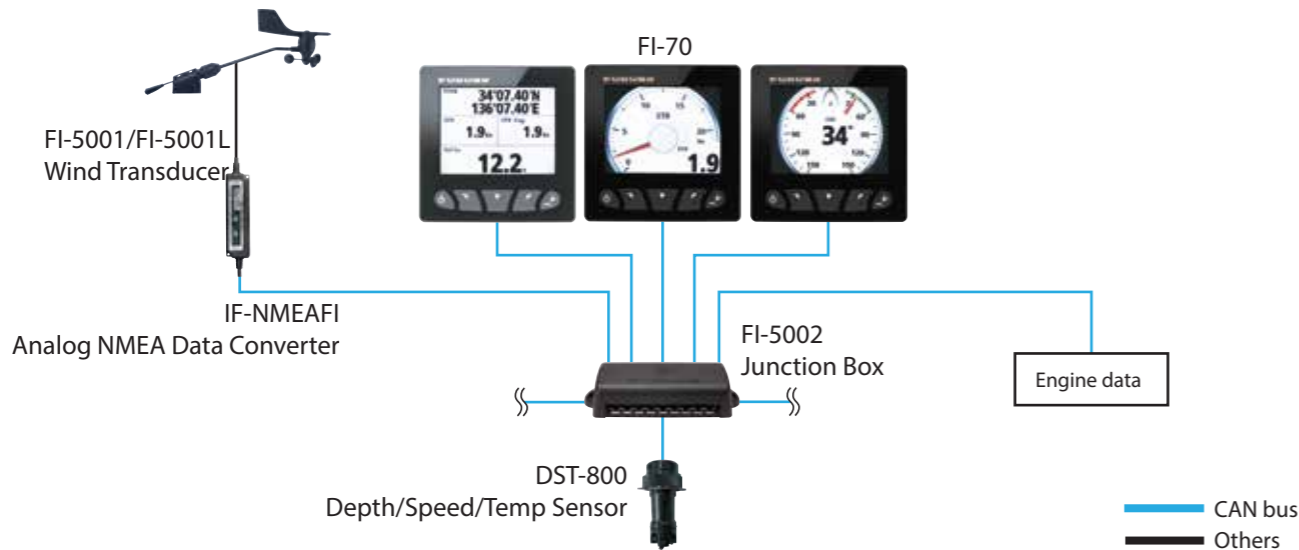2. Installation Materials

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
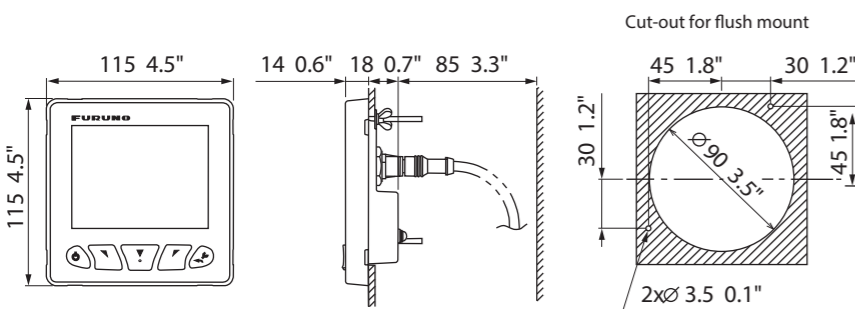7. Frontmount kit — OP26-29

CONNECTION DIAGRAM

FI-70

FI-5001/FI-5001L Wind Transducer

IF-NMEAFI Analog NMEA Data Converter

FI-5002 Junction Box

Engine data

DST-800 Depth/Speed/Temp Sensor

CAN bus
Others

Instrument FI-70 — 0.22 kg — 0.5 lb

115 4.5" 14 0.6" 18 0.7" 85 3.3" 115 4.5"

Cut-out for flush mount
45 1.8" 30 1.2" 30 1.2" 45 1.8"
Ø90 3.5"
2xØ 3.5 0.1"

Frontmount Installation
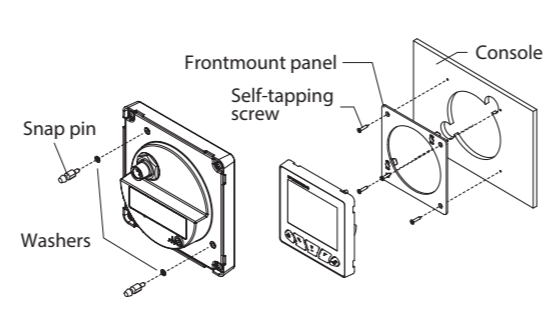
Frontmount panel
Console
Self-tapping screw
Snap pin
Washers

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

15015SK Printed in Japan
Catalogue No. M-1560

CAN bus
Enhanced Sunlight Viewable
NAVnet Connect
Bonded LCD

www.furuno.com

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 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!

Display Modes

Heading

Wind

Engine RPM (Single)

Engine RPM (Triple)

AIS

Graph

Timer

Highway
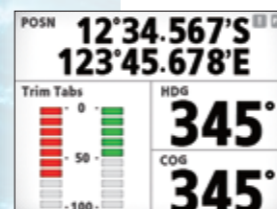
Data Box (Split)

Data Box (Single)

Rudder

Roll & Picth

- 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 (0.15 A max)
- Simple AIS display through connected CAN bus devices
- Share language and brilliance settings between FI-70s when grouping them

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.

NavNet TZtouch2
FI-70   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

Model FI-70
INSTRUMENT/DATA ORGANIZER

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.
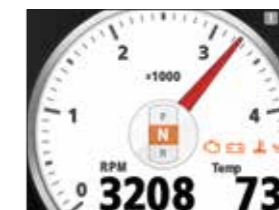
Display Data

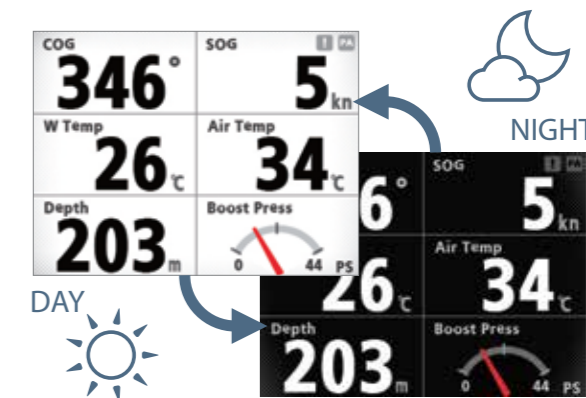|			
Speed	STW (Speed Through Water), Max STW, Average STW, SOG (Speed Over Ground), Max SOG, Average SOG, VMG (Velocity made good)	Boat	Rudder Angle, Trim Tabs, Roll/Pitch
Wind	AWS (Apparent Wind Speed), TWS (True Wind Speed) , Max TWS, AWA (Apparent Wind Angle), TWA (True Wind Angle), Beaufort Wind, GWD (Ground Wind Direction)	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,
Heading	HDG (Heading), Average HDG, Heading on Next Tack, ROT (Rate Of Turn)	Tank	Transmission Oil Temperature, Transmission Oil Pressure
Course		Depth	Depth
Timer		AIS	Tank Level 1-6
Naviga-tion	COG (Course Over Ground), Count Down Timer 1, Count Down Timer 2, Count Up Timer	Voltage	Depth
		Environ-ment	AIS (Max targets: 25, fixed 6NM range), Supply Voltage

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