

FURUNO

NAV*pilot*

Model NAVpilot-300

*Not just your ordinary Autopilot...
It's the coolest way to steer your boat!*



Control Unit



Gesture Controller



www.furuno.com

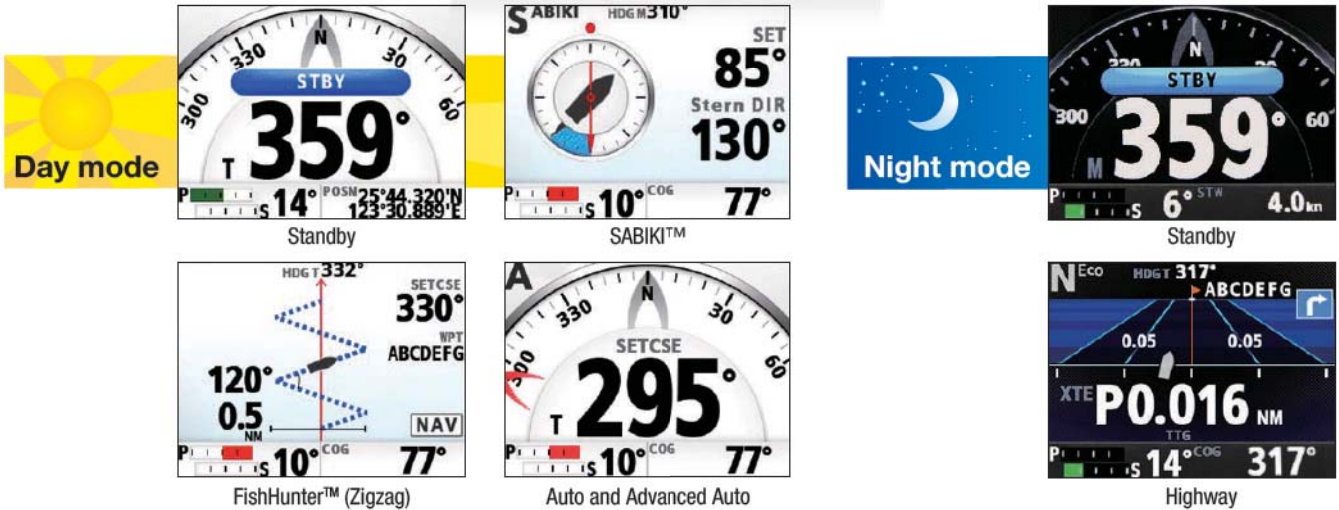
With the NAVpilot 300's unique Gesture Controller, Fantum you will enjoy a whole new level of navigation with ease and



1 degree left
10 degrees left

Standby/AUTO
Settings

Display modes



Navigation modes

Auto mode

Maintains the desired heading.

Advanced Auto mode

Compensates for tide and wind effects while maintaining heading.

SABIKI™ mode

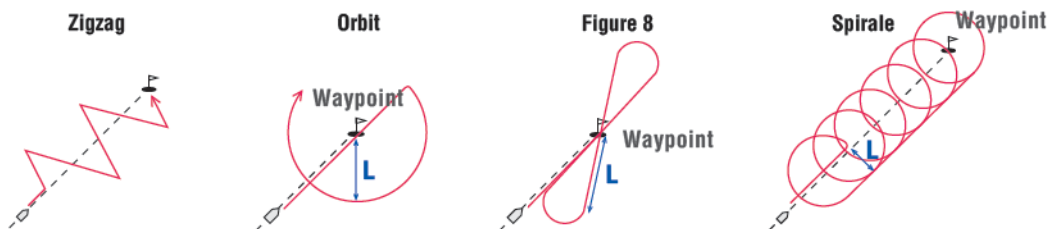
Maintains the heading astern, while compensating for tide and wind effects.

Nav mode/Route tracking mode

To navigate toward a waypoint, while compensating for tide and wind effects. It can also follow a path composed of successive waypoints.

FishHunter™

With the Fish-Hunter function, 4 specific maneuvers can be used around the specified target at a user selected distance. This feature can also be used for Man Overboard (MOB).



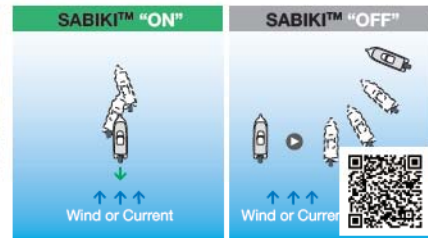
**Feedback™ steering and self-learning software,
peace of mind.**

SABIKI™ mode



“The first autopilot in reverse, a real virtual anchor!”

The SABIKI™ mode lets the autopilot control while you are drifting astern, so you can focus on fishing instead of steering. Moving astern at a slow pace, the SABIKI™ mode is uniquely tailored for Sabiki fishing, jigging and bottom fishing. Sabiki fishing requires a bit of technique and no matter if you just started or have considerable experience, the SABIKI™ mode will help you catch the bait fish you need to bring in your big catch!



For more information about the SABIKI™ mode, Read the QR code with a QR code reader.



Gesture Button



Gesture Control



For more information about the Gesture Controller, read the QR code with a QR code reader.

“Just Push, Point and Shoot!”

The Gesture Controller is a revolutionary and unique way to steer your boat remotely. By using Bluetooth signals, it is possible to control the Autopilot from anywhere on the boat within 10 meters.

Just push, hold the button, point to the desired heading and release to let the Autopilot redirect the boat and it will immediately follow up with no time delay!

From anywhere on the boat



*Bluetooth communication between Processor Unit and Gesture Controller only.



① Push ② Hold the button ③ Point the desired heading and release

▶ **Self learning and adaptive software**

Each time the boat goes to sea, the software learns about sea conditions and calculate the best adjustment for a smooth steering.

▶ **Fantum Feedback™**

Clears the path to a simplified installation (no need for physical rudder feedback unit) while delivering enhanced steering control.



▶ **Easy installation and Smart network-based system configuration**

▶ **Waterproof Processing Unit (IP55) and Control Unit (IP56)**

▶ **SAFE HELM and POWER ASSIST**

The SAFE HELM temporarily switches the NAVipilot to manual steering for a specified time interval. The POWER ASSIST reduces steering system complexity and costs while increasing fuel economy.



SPECIFICATIONS OF Model NAVpilot-300

CONTROL UNIT

Display	4.1" color LCD
Effective Display Area	85.2 (W) x 85.2 (H) mm
Resolution	QVGA (320 x 240)
Brilliance	700 cd/m2 typical
Navigation modes	STBY, Auto, Dodge, NFU (Non-follow up), Turn, Advanced auto*, Navigation*, FishHunter™*, Override *external data required

PROCESSOR UNIT

Sea Condition Adjustment	Auto/Manual-Calm/Moderate/Rough
Course change speed	1 to 20 deg/s
Alarm	Deviation alarm, Watch alarm

GESTURE CONTROLLER

Display	Monochrome LCD
Resolution	128 x 128

INTERFACE

Ports	NMEA2000 x1, CAN bus x1 (DBW control) Control signal x3, Bluetooth
Input	059392/904, 060160/416/928, 061184, 065240, 126208/ 464/720/992/996, 127237/250/258, 128259, 129025/ 026/029/283/284/285/538, 130577/818/821/827/841
Output	059392/904, 060928, 126208/464/720/993/996/998, 127237/245, 130816/821/822/823/827/841

ENVIRONMENT

Temperature	-15°C to +55°C
Waterproofing	Processor Unit: IP55 Control Unit: IP56 Gesture Controller: IP67

POWER SUPPLY

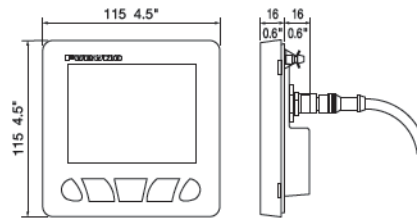
Processor Unit	12-24 VDC 0.22 A max.
Control Unit	15 VDC 0.29 A max.
Gesture Controller	VDC, Dry cell battery (AAA, 2 pcs)

EQUIPMENT LIST

Standard	Control Unit (FAP-3011), Processor Unit (FAP-3012), Gesture Controller (GC-001), Installation Materials and Spare Parts
Options	Control Unit (FAP-3011), Gesture Controller (GC-001), Bracket-mount Kits, Cables, Connectors, Junction Box, Pump Unit, Rudder Reference Unit, FPS8 Power Steering Module, Volvo Interface Kit, YAMAHA HM Gateway

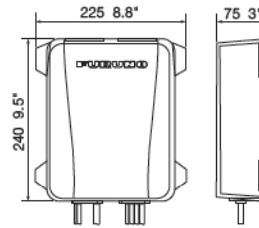
Control Unit FAP-3011

0.25 kg 0.53 lb



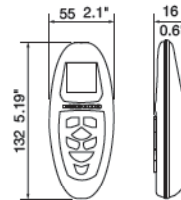
Processor Unit FAP-3012

1.5 kg 3.3 lb



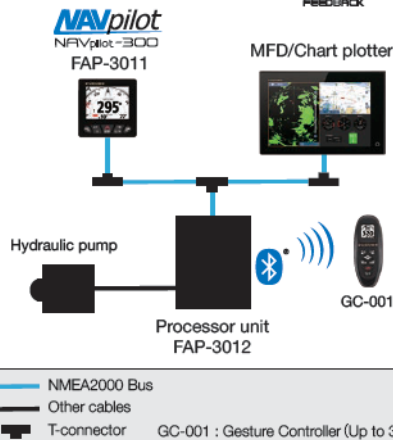
Gesture Controller GC-001

0.12 kg 0.26 lb

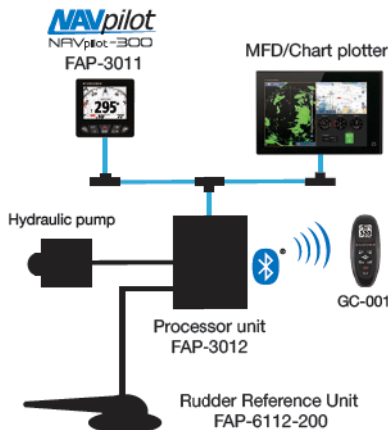


- Volvo Penta IPS
- Yamaha Helm Master
- Yanmar 8LV
- Seastar Optimus (SafeHelm enabled)

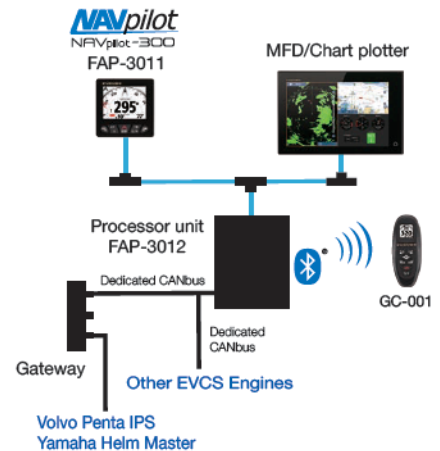
Outboard/Sterndrive (Without Rudder Reference Unit)



Inboard (Rudder Reference Unit)



EVCS engines



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