FURUNO®

For efficient and economical cruising

AUTOPILOT

Model FAP-330

- Precision, automatic steering
- Intuitive analog or digital presentation of all steering information on LCD display
- The vessel returns to the intended course after dodging operation
- Full function dual-station steering (second control unit and remotes are optional) and remote control
- Electric relay output allows use with suitable steering systems.

The FURUNO FAP-330 is a superior autopilot for efficient and economical cruising. The FAP-330 will relieve you of the tedium of holding the wheel and allows your boat to follow the best course to your destination.

There are four operation modes: NAV, AUTO, STANDBY and REMOTE. In the NAV mode (nav receiver required), you can keep the boat on course to its destination, dependant upon the signal from nav receiver such as LORAN, GPS, etc. outputing data in NMEA0183.

A full control remote station is possible by the addition of a second control unit. These compact control units can be table top, or bulkhead mounted or cut in with an optional flush mount kit. Optional hand held remotes are also available to provide maximum flexibility and convienience.

The FAP-330 has three sets of steering parameters that can be customized for your boat. The FAP-330 will steer your boat equally well at trolling speeds as it will at your cruising speed. Properly set up the FAP-330 could steer your boat better in a following sea than any other autopilot on the market at any price.

Heading signal can be fed from either C-2000 fluxgate heading sensor, magnetic compass through a pick-off coil, or Gyrocompass through the Gyro Converter AD-100.

Fluxgate Heading sensor C-2000 (option)
This cost-effective fluxgate sensor detects terrestrial magnetism and converts it to a digital form. The C-2000 is provided with two output ports in NMEA0183 or FURUNO AD-10S format for connection to the FAP-330.

Note: An autopilot is an aid to, not a replacement for, an experienced helmsman.)

The future today with FURUNO's electronics technology.

FURUNO ELECTRIC CO., LTD.

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Catalogue No. M-1513

SPECIFIACTIONS OF FAP-330

1. **Mode**
   NAV, AUTO, SBY and REMOTE
2. **Steering System**
   Hydraulic or on electro-mechanical
3. **Display**
   LCD display, backlit in 3 steps
4. **Heading Sensor:**
   Magnetic compass through pick-off coil (optional interface unit required), Gyro compass through gyro converter AD-100, or Heading sensor C-2000
5. **Nav Sensor:**
   Loran LC-90/90 MARK-II/LP-1000, GPS GP-70/500/1250/1500, Satnav FSN-50/70 or other nav sensors outputting data in NMEA 0183 format
6. **Adjustment of Parameters**
   The following parameters are adjustable: Weather (deadband), Rudder Ratio, Counter Rudder, Trim (auto and manual), Course Changing Rate, Rudder Limit Angle and Vessel Speed. Three sets of parameters can be preset and then selected at will depending on sea state or other factors.
7. **Alarm**
   Both audible and visual warnings are provided for: Power failure, Cross track error, Navigation signal error and Arrival alarm (only in Nav mode)
8. **Power Supply**
   10.2 to 30 VDC, 20 W (at 12 VDC)
   For processor and control unit only.

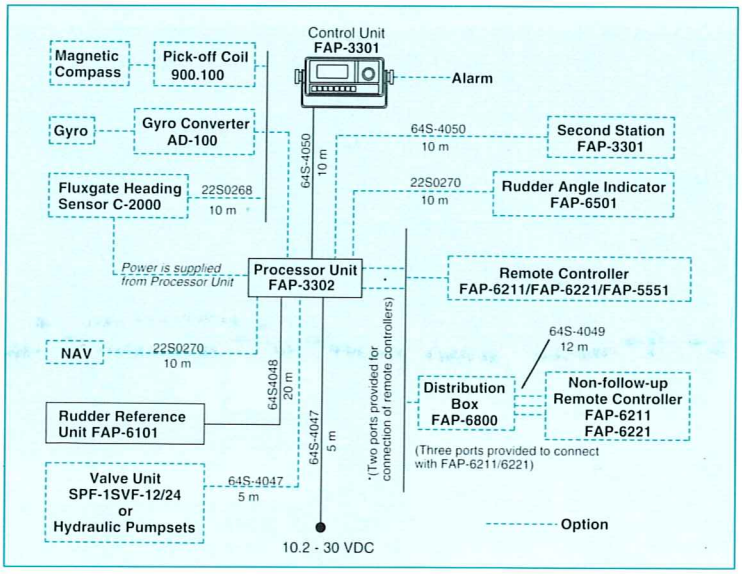
Equipment List

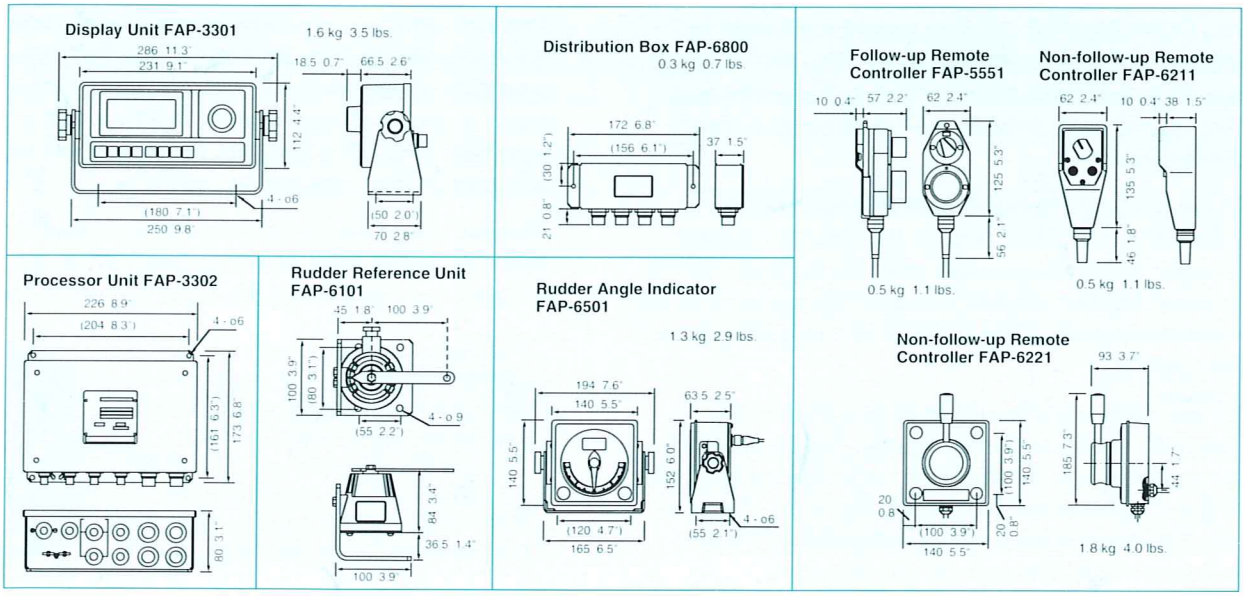
Standard

1. Control Unit FAP-3301
2. Processor Unit FAP-3302
3. Rudder Reference Unit FAP-6101
4. Installation Materials and Spare Parts

Optional

1. Second Control Unit FAP-3301
2. Follow-up Remote Controller FAP-5551
3. Non-follow-up Remote Controller FAP-6211 or FAP-6221
4. Rudder Angle Indicator FAP-6501
5. Fluxgate Heading Sensor C-2000
6. Gyro Converter AD-100
7. Magnetic Compass B-150F/P-150F
8. Pick-off Coil 900.100
9. Valve Unit SPF-1SVF (12 or 24 VDC)
10. Distribution Box FAP-6800
11. Hydraulic pumpsets





SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

For further information, please contact

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