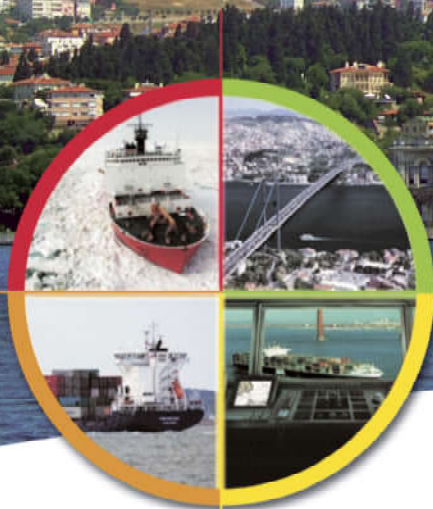


POLAR



PPC-202 PLOTTER CONTROLLER

Split the screen in 2 or
4 window combination
15" or 19" Sunlight
Viewable Display

Flush Mounting
aesthetics
Intuitive interface puts
you in command



TOTAL NAVIGATION CONTROLLER

Multi view

Multiple and wide screen viewing is possible with the new PPC-202. You can divide the chart screen into two sections, in which the same or different charts can be displayed, in a mixture of ways. In this field of view, it provides a 'look-ahead' capability, especially useful in coastal areas. With the widescreen view function, an additional screen in the display area, showing a segment of the chart, allows viewing at a glance.

Advanced route planning

The advanced nature of POLAR's new PPC-202 allows route planning in different ways. Either plan your route by using the table editor, while displaying current waypoint or graphically draw your next waypoint on the chart. Editing the route is just as simple as inserting. Dedicated menus are readily available to assist the mariner in effective route planning. Not only can you save the routes, but import favorite or commonly used files, even from previously Plotter models, using industry-standard format. During the voyage, you can add an alternative route, which can be displayed simultaneously. You can move, insert, add and delete waypoints instantly and easily exchange the alternative route with route in progress.

Flexible plotter box configuration

The PPC-202 consist of a 15 or 19-inch display (option), and Controller, allowing for simple configuration and flexible installation approach. It is also possible to install selected third party displays as alternative.

Man overboard

Some items could strike you on the vessel, a slippery deck or unexpected movement of the vessel are situations in which a person may possibly fall of the vessel. The PPC-202 integrates a single-press Man Overboard (MOB) operation. Instantly, a dedicated symbol arises on the screen, providing a range detailed info such as positioning, bearing, range and time till arriving at MOB. This emergency system enables immediate and accurate search and rescue efforts.



SPECIFICATIONS:

PPC-202 Plotter Controller

Dimensions : 172.5x106.4mm (6.8**4.2**3.3)
with holder
Weighty : 350g (12.3 oz)

Compatible with any HDMI display

Power Consumption : 1.2W typical
Supply Voltage : 10-35 Vdc
Cartridge slot : 1x Micro SD Cart (Not included)

Back-lit keyboard

Optional Integrated remote control receiver (radio IF 2.4 GHZ)

Waterproof IPx6

Storage Temperature : -20 +80 °C

Operating temperature : -20 +60 °C

Connectors

1x Supply and data cable: 2NMEA 0183 ports+external alarm

1x NMEA 2000

1x GPS : 6 pins (powered 10-35 VDC)

1x Built-in HDMI video output cable (1.5 m / 4.9 ft)

On Maximal amount of user data : 30000 marks

1000 routes

50 waypoints at most

30000 trackpoints

PGR-101 GPS Sensor

Receiving Method and Frequency : 16 channels parallel (up to 3 for WAAS Satellites)
with 1575,42MHz (L1, C/A code)

Receiving Sensitivity : Less than -134 dBm

Time to First Fix (TTFF) Warm Start: 33 seconds (typical)

Time to First Fix (TTFF) Cold Start : 40 seconds (typical)

Accuracy Position Less than 2,5mCEP1 5,0mSEP2 : GPS : (SA= OFF; HDOP<4)

Accuracy Position Less than 2,0mCEP1 3,0mSEP2 : DGPS : (SA=OFF; HDOP<4)

Strong Signals ≤ 4 g

Weak Signals typical 1 g

18000m Altitude

1850 Km/h (515 m/sec) Velocity

DGPS Format : WAAS; EGNOS; MSAS

Output Format : NMEA-0183 Baud rate 4800 N81

NMEA Output Messages : GGA, RMC, GSA, GSV, TXT

Geodetic Datum : WGS84

Operating Temperature : from 0 °C to +60 °C

Storage Temperature : from -20 °C to +85 °C

95 % Non-Condensing Relative Humidity

IPX7 Water Resistance

Height : 97 x 32 mm (flush / pole / rail mounting)

Weight : 160 grams (without cable)

15 meter 8x28AWG Cable

10-35 Vdc Input Voltage

Power Consumption : 0,8 W max

Electrical Interface : TTL voltage levels, RS-232 polarity

Performance, high quality and design are the main characteristics of POLAR products.



GPS Receiver

The impressive 16 channel PGR-101 GPS sensor provides sensitivity for signal acquisition, with incredible position accuracy, in a compact size that is flush mounted.



Auto Pilot

Via NMEA 0183 connection, PCP Series Chart Plotters are suitable with the best performing autopilots, which can be controlled like never before from the brilliant primary display.



Radome Antenna

Once integrated with a radome radar, POLAR COMM Chart Plotter ensures exceptional detection of small or distant targets, visually eliminating screen clutter allowing a clear and accurate image.



Computer



NMEA Repeater



Fishfinder Blackbox

800 x 600 pixels resolution provides picture perfect images of structure and fish directly below your boat.

AIS Receiver

Integrate Class B AIS receiver to your chartplotter to see and to be seen. Overlay AIS-equipped vessel information on chart plotter for exceptional situational awareness.



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