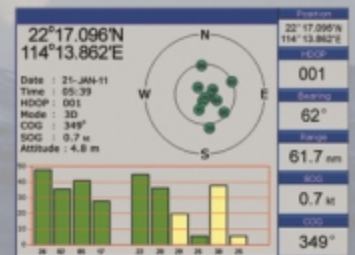
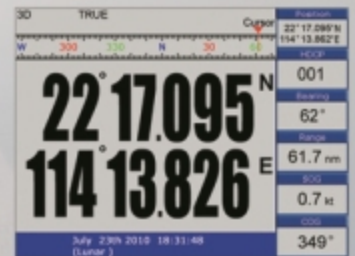
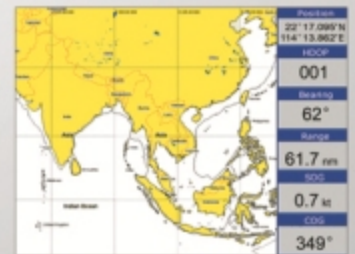


ONWA[®]

MODEL KP-6299



- High resolution TFT day-view LCD display
- SD-cards slot for C-Map MAX and user data
- Tide table
- Versatile display mode include
 - Normal
 - Daylight - exposed to sunlight
 - Night - in dark environment
 - NOAA- paper chart colors
- GOTO track navigation
- Map orientation select
- Proximity waypoints alarms
- Palette



KAP-6299

SPECIFICATION OF KP-6299

PLOTTER CHARACTERISTICS

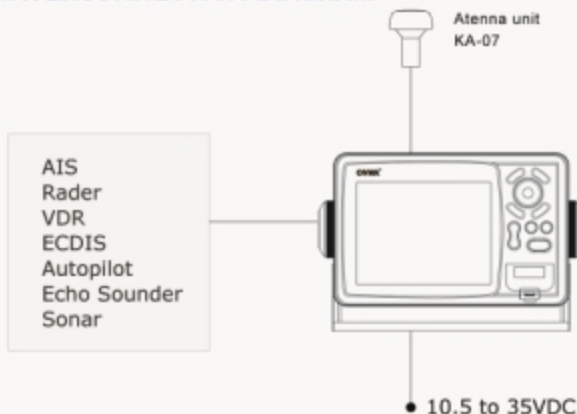
Waypoints/Icons:	15,000 waypoints with name, symbol, waypoint 10 proximity
Routes:	waypoint up to 200 points each, plus MOB and Track Navigation or Goto Track modes
Tracks:	30,000 point automatic track log; 15 saved track (up to 2000 track points each) let you retrace your path in both directions
Alarms:	XTE, Anchor drag, arrival, speed, voltage, proximity waypoint and time, AIS alarm.
Palette:	Normal Daylight exposed to sunlight Night in dark environment NOAA paperchart colors
Tides:	Tide data
Projection:	Mercator projection
Position format:	Lat/Lon
Basemap:	Built-in Onwa K-Chart
External Map:	SD Cards slot for C-Map MAX
User data storage:	Internal backup of user settings, or external SD-card
Plot Interval:	1s to 99h or 0.01 nm to 9.99nm
Plotting scales:	5m to 800 nm
Nav Datat:	Inputs: \$--BWC, \$--BWR, \$--DBT, \$--DPT, \$--GGA, \$--GLL, \$--HDG, \$--HDM, \$--HDT, \$--MDA, \$--MTW, \$--RMA, \$--RMB, \$--RMC, \$--TLL, \$--TTM, \$--VDR, \$--VHW, \$--VTG, \$--WPL, \$--ZDA Outputs: \$--AAM, \$--APB, \$--BOD, \$--BWC, \$--GGA, \$--GLL, \$--RMB, \$--RMC, \$--VTG, \$--XTE, \$--ZDA Outputs for autopilot: \$--AAM, \$--APB, \$--BOD, \$--VTG
PERSPECTIVE VIEW:	On/off

Power Supply 10.5 to 35VDC, current drain <300mA at 12V

Physical

Size:	228mm(H)X138mm(W)X79mm(D)
Weight:	0.9kg
Display:	5.6-inches ColorTFT day-view LCD 640 X 480 pixels
Waterproofing:	Display unit: IPX5 Antenna unit: IPX6
Temperature range:	Display unit: -15° C to +55° C Antenna unit: -25° C to +70° C

INTERCONNECTION DIAGRAM



GPS RECEIVER CHARACTERISTICS

Receiver:	12 parallel channel GPS receiver continuously Tracks and uses up to 12 satellites to compute and update your position
Acquisition times:	Cold start: 60 seconds average Warm start: 45 seconds average Hot start: 15 seconds average
Update rate:	1/second, continuous
Accuracy:	Position: <15 meters(95%) without S/A Velocity: 0.1 Meter/sec without S/A Time: ±100ns synchronized to GPS time
Dynamics:	Altitude: 18,000m Max Velocity: 500 m/s Acceleration: 4g Max
Datum:	WGS 84 & Others
Interfaces:	NMEA 0183 input and output, RS-232 output
Antenna:	KA07

AIS interface

Data input:	NMEA 0183 & R8232
Baud rate:	38400 & 4800

EQUIPMENT LIST

- Standard
1. Display unit
 2. Antenna unit with 10m cable
 3. Operator manual
 4. Installation materials and standard spare parts

DISPLAY UNIT

