

1、 Marine 5.7 Inches GPS AIS Chart Plotter



5.7" Color LCD Automatic Identification System (AIS)/GPS Plotter/compatible with C-MAP MAX

Built-in Automatic Identification System (AIS) Receiver (6299B) or Automatic Identification System (AIS) Class B Transponder (6299A)

High resolution TFT day-view LCD display

SD-cards slot for C-Map MAX and user data

C-Map MAX and K-Chart Selectable

Tide table and Celestial display

Versatile display mode include

Plotter Screen

Nav.Data

Satellite Information

AIS Display

Compass Screen

GOTO track navigation

Map orientation select

Proximity waypoints alarms

Perspective View

Palette

Normal

Daylight – exposed to sunlight

Night – in dark environment

NOAA- paper chart color

Wind speed and direction display by optional sensor input

AIS guard zone with CPA and TCPA alarm

PLOTTER CHARACTERISTICS	
Waypoints/icons	15,000 waypoints with name, symbol, 10 proximity waypoint
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.
Pallete	Normal,Daylight exposed to sunlight,Night in dark environment,NOAA paperchart colors
Tides	Tide data
Projection	Mercator projection
Position format	Latitude/Longitude
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	0.01nm to 1,000nm
Nav Data	Inputs: \$-DBT, \$-DPT, \$-GGA, \$-GLL,\$-GSA, \$-GSV, \$-HDG,\$-HDM,\$-HDT,\$-MTW, \$-RMB,\$-RMC, \$-VTG, \$-ZDA, \$-VWR,\$-VWT,\$-MWD, \$-VPW 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 <500mA at 12V

PHYSICAL	
Size	228mm(H)X138mm(W)X79mm(D)
Weight	0.9kg
Display	5.6-inches Color TFT 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
GPS RECEIVER CHARACTERISTICS	
Receiver	50 parallel channel GPS receiver continuously Tracks and uses up to 50,satellites to compute and update your position
Acquisition times	Cold start: 27 seconds average,Warm start: 27 seconds average,Hot start: 1 seconds average
Update rate	1/second,continuous
Accuracy	Position: 2.5 meters(95%) without S/A,Velocity: 0.1 Meter/sec without S/A,Time: ±100ns synchronized to GPS time
Dynamics	Altitude: 50,000m Max,Velocity: 500 m/s,Acceleration: 4g Max
Datum	WGS 84 & Others
Interfaces	NMEA 0183 input and output,RS232 and RS422 output
Antenna	KA-07
EQUIPMENT LIST	
Standard	Display unit,Antenna unit with 10m cable,Operator manual,Installation materials and standard spare parts
AIS CHARACTERISTICS	
Transmitter x 1	(For KP-6299A ONLY)
Receiver x 2	(one time shared between AIS/DSC)
Frequency	156.025 to 162.025 MHz iin 25KHz steps
Output power	2 watts typical(For KP-6299A only)
Channel bandwidth	25KHz

Channel step	25KHz
Modulation modes	5KHz GMSK (AIS,TX AND RX),25KHz AFSK (DSC,RX only)
Bit rate	9600 b/s +- 50 ppm (GMSK),1200 b/s +- 30 ppm (FSK)
RX sensitivity	Sensitivity – 107dBm 25Khz,Message error rate less than: 2%,Co-channel 10dB,IMD 62dB,Blocking 84dB

