KNOW
WHERE YOU ARE

GPS
NAVIGATOR

N500R

---.-   277.2
35°04.102'N
129°06.519'E
0.0   000.0°

SPECIFICATIONS

GENERAL
Size	190 mm(W) x 140 mm(H) x 100 mm(D)
Display	5" diagonal, TFT color, 800 x 480 pixels.
Supply voltage	10 to 34 V DC
Operating temperature	-10° to 50°C

ALARMS
User set: Arrival radius, anchor, XTE, danger, too shallow, too deep, fish, temperature, temperature rate, low battery, loss of DGPS fix

GPS NAVIGATION
Chart card	NAVIONICS MicroSD Card
User card	MicroSD Card
Waypoints	Up to 10,000, with default or user defined alphanumeric names up to eight characters.
Routes	100 Routes, with up to 100 points each
Tracks	By time or distance, 10 track of 15,000 points
Chart datums	216 Chart datums, One user-defined map shift.
Chart scale	0.2 to 500 nm for chart (chart dependent) down to 0.005 nm in plotter mode.

GPS Performance
Receiver type	50Channels GPS L1 frequency, C/A Code	
Time-To-First-Fix	Cold Start(Autonomous)	29s
	Warm Start(Autonomous)	29s
	Hot Start(Autonomous)	<1s
Horizontal position accuracy	Autonomous	100m(95%) HDOP≤4
	Dynamic	100m(95%) HDOP≤4

COMMUNICATIONS
NME	NMEA 0183 4800, 9600, 38400 baud
NMEA 0183 Inputs from compatible instruments	DBK, DBS, DBT, DPT, GGA, GLL, GNS, GGA, GSV, HDG, HDT, MDA, MTA, MTW, MWD, MWV, RMC, RPM, VHW, VTG, VWT, ZDA
NMEA 0183 Outputs, for compatible instruments	APA, APB, BWR, GGA, GLL, GSA, GSV, RMB, RMC, VTG, XTE, DBT, DPT, MTW, ZDA

COMPONENTS

STANDARD
MAIN UNIT
GPS ANTENNA + GPS ANTENNA SUPPORT (SAN-60-10M)
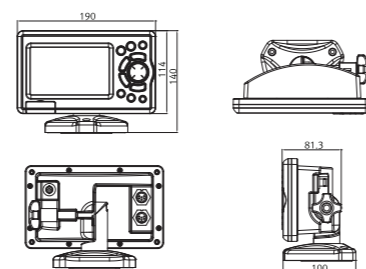USER'S MANUAL(ENG)
PROTECTION COVER
POWER CABLE

OPTION
GPS ANTENNA + GPS ANTENNA SUPPORT
(SAN-60-20M)

GPS ANTENNA STAND TYPE SUPPORT

DIMENSIONS

190

81.3

100

FEATURES

GPS CHARTPLOTTER
WITH
BUILT IN GPS SATELLITE RECEIVER

COMPLIANT WITH IMO STANDARD

✓ 5" WIDE COLOR TFT LCD

✓ SMALL, LIGHT AND EASY

✓ USER FRIENDLY MENU