

SI-TEX ColorMax 15 ELECTRONIC CHARTING SYSTEM- Specifications

Power Requirement	10 -35V DC, 30W	
Power Consumption	2.5A@12V	
Display Screen	15" (diagonal) active matrix color LCD, 500 nit brightness	
Display Resolution	1024 x 768 pixels	
Keypad	Silicon rubber, backlit	
Cartography	High definition, dual slots for C-MAP MAX/NT+ C-Card cartridges	
Memory	Non-volatile	
Waypoints/Marks	5000	
Routes	50 routes of up to 50 waypoints per route	
Track Plots	5000 (5 tracks of up to 1000 points per track using up to 8 colors)	
Type of User Points		16
	Distance: 0.01, 0.05, 0.1, 0.5, 1, 2, 5, 10 NM	
Plotting Intervals	Time: 1, 5, 10, 30 sec., 1 min.	
Depth Unit for Depth Line	MT, FT or FM	
Operating Temperature	32° to 131° F	
Pages	Map, Navigation, 3D navigation (rolling road), Depth Graph, Tides & currents, GPS status, wind graph, user points, routes, info, Radar, Fishfinder, NMEA in data: 1, 2, 4, 8 windows user customizable	
Alarms	Guardian Alarm, External Alarm, Arrival, XTE, Anchor, Depth, Position fix MOB, GOTO (Waypoint, MOB, Cursor, Route, Mark), Fishfinder, Radar (automatic screen synchronization between radar and chart, radar overlay), AIS, Autopilot, C-Com (Modem GSM)/ C-Meteo, VHF DSC interface, mirror cards, electronic compass, XTE graph, fuel consumption, auto zoom, fix correction, range & bearing, BRG and DST to waypoint, BRG and DST to cursor, tide predictions	
Features	Ports, Port services, tide, wreck, obstruction, Lat/Lon, user points	
Find Objects	North-up, track-up	
Map Rotation		
Coordinate Systems	ddd mm ss, ddd mm.mm, ddd mm, mmm, UTM, OSGB, TD	
Navigation Features	TTG, DST, ETA	
Navigation Data	Position, XTE, SOG, COG, VMG	
Celestial Page	Tide data, Tide info, Moon phase, sunrise/sunset	
Position Functions	WAAS, Fis (manual, automatic), position filter, speed filter, fix datum, compass calibration, true/magnetic angles, static navigation	



External Alarm	Audible beeper with external alarm output
Units	Speed: MPH, KTS, KPH. Distance: Km, Nm, Sm. Depth: Ft. FM, Mt. Date/time: Locale, UTC
Simulation	Speed, BRG, date/time, cursor control
Special Functions	C-SMS™ C-STAFF, Guardian™ Technology , A.I.S.
PC Interface	By using C-MAP PC Planner
Back-up System	User card
Input/Output	
Format	NMEA-0183 Ver 2.0
Case Dimensions	13.6"W x 15.3"H x 3.9"D
Weight	9.9 lbs.
GPS/WAAS RECEIVER	
Receiver	L1, C/A Code
Accuracy	Better than 3m, 95% of the time
Max. Solution	
Update Rate	10/sec
Cold Start	
(Average)	<44 secs
Warm Start	
(Average)	<37 secs
Hot Start	
(Average)	<11 secs
Antenna	External
Cable Length	33 ft.

IMPORTANT

NOTICE:

SI-TEX Electronics Charting Systems and C-MAP MAX/NT+ Navigation Charts are not designed to replace standard government charts. Any electronic navigation device should be operated along with the prudent use of reliable manual backup material.

Note: Accuracy is subject to change in accordance with DOD civil GPS user policy.

*Guardian™ feature should be used as a tool in conjunction with other navigation such as Depth Sounders, Charts and Visual Sighting, and should not be relied upon as the sole means of navigation.

Specifications subject to change without notice.

