



SI-TEX TRAWL PLOT 12SD COLOR LCD GPS WAAS CHARTING SYSTEM- Specifications

Power

Requirement 10 -35V DC, 15W

Display 12.1" (diagonal) XVGA Color LCD TFT

Display Resolution 800 x 600 pixels

Cartography Four slots for high-definition C-MAP MAX/NT+ C-Card cartridges

Operating

Temperature 32° to 131°

Memory Non-volatile with battery backup

Technology High-speed Intel Xscale Processor

Cursor Control Joystick

Keypad Silicon rubber, backlighted

Storage Capacity Unlimited with optional SD memory card

Waypoints/Marks 5000

Routes 50 (100 wpt/route)

Track Points 5000

Type of User Points 16

Mark Identifiers Alphanumeric,

Plotting Intervals —**Distance** 0.01, 0.05, 0.1, 0.5, 1, 2, 5, 10 NM

—**Time** 1, 5, 10, 30 sec, 1 min.

Depth Unit for

Depth Line MT, FT or FM

Worldwide chart coverage, Depth, Distance & Speed unit selection, Built-in Continental cartography, Coordinates System (Lat/Lon, UTM, OSBG, TD), Map datum, Data window mode, Display mode (full, simple, fishing, low, custom).

Marine: Names, Nav-aids, Light Sectors, Attention Areas, Tides & Currents, Seabed Type, Ports & Services, Tracks & Routes. Depth: Depth Areas, Depth Areas Min/Max. Depth Lines & Soundings Min/Max. Land: Natural Features,

Rivers, & Lakes, Cultural Features, Landmarks. Chart: Lat/Lon Grid, Chart

Boundaries, Cartography, mixing Levels, De-clutter, Map

Fix correction (manual or automatic), Display Headings True or Magnetic,

Map Orientation (North-up or Track-up), DGPS, WAAS, EGNOS, Fix Datum,

Compass Calibration, Position filter, Speed filter, Static Navigation, Magnetic

variation user selectable

Fix Functions

Route data report, Depth Graph, Depth Graph Full, Navigation Data (allows selection of DCI Scale and Navigation Page fields), 3D Road, GPS Status, GPS

Data, User Points List, About

Report Functions

Estimated time of arrival, Navigation Destination, Navigation data display: L/L,

COG, SOG, BRG, XTE, TTG. Automatic info on cartographic objects and user

points. Simulation: Speed, Heading, Date, Time Cursor Control, Simulation

On/Off. Alarms Handling: Arrival Alarms, XTE Alarms, Anchor Alarm, Depth

Alarm, Grounding Alarm, Grounding Depth Limit, Grounding Alarm Range.

Special Functions



Download capability to C-MAP NT+ user cartridge. R/B Function, MOB, Multi-windows option, Ports & Services, Tide Stations, Wrecks, Obstructions, C-STAFF, C-Forecast, Keypad Beep selection, Data & Time Setup (local, UTC), Altitude Unit (FT, FM, MT), Distance Unit (KM, NM, SM), Speed Unit (MPH, KTS, KPH), Nearest Services

Input/Output

Format NMEA-0183 Ver 2.0

Case

Dimensions/Weight 13.5"H x 15"W x 8.9"D, 18.7 lbs.

GPS/WAAS

RECEIVER

Receiver L1, CA/code

Accuracy Better than 3m, 95% of the time

Max. Solution

Update Rate 10/sec

Cold Start (average) <45 sec

Warm Start

(average) <40 sec

Hot Start (average) <8 sec

Antenna External

Cable Length 33 feet

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.