

## General

Display Size	5in (127mm) Diag.
Display Type	WVGA color TFT LCD
Resolution	800H x 480W
Backlight	Pure White LED
Display Brightness	1200 Nits
Height	5.309in (134.85mm)
Width	6.933in (176.10mm)
Depth	2.421in (61.50mm)
Weight	3.04lb (1.38kg)

## Environmental

Operating Temperature	5°F to 131°F (-15°C to 55°C )
Waterproof	IPX7 with card door closed
DOC	Part 15.103 FCC rules & CE RTTE directive 1999/5/EC

## Electrical

Current Draw	0.9A @ 13VDC with backlight on full
Operating Voltage	12VDC
Supply Voltage	10.8-17VDC

## User Interface

Interface	Single-touch touchscreen and Limited Keypad; ZOOM +/-,WPT,LIGHT/POWER
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## Chart Plotter Characteristics

Display Modes	North up, Course up (COG), Heading up (heading with external heading sensor or COG)
Built-in Cartography	Detailed Basemap cartography (AMER models), Navionics basemap (AMER and ROW models)
Add on Cartography	Navico Insight HD, Navionics Platinum+/Platinum/Gold, Fishing HotSpots
Alarms	No GPS fix, Anchor, Low boat speed, XTE, Waypoint radius, Arrival

## Sonar Characteristics

Built-in CHIRP	Yes
Built-in Broadband	Yes
Built-in StructureScan	Yes
Sonar Frequency	Mid/High CHIRP (83/200kHz) 455/800 kHz DownScan™, Low/High CHIRP (50/200kHz)

### (\*Available frequencies determined by connected transducer)

Broadband Power	500W RMS
Sonar DownScan™ Max Depth 455/800 kHz	300ft (91m)
Sonar Broadband Max Depth Low/High (50/200 kHz) transducer	3000ft (762m)
Sonar Broadband Max Depth Mid/High (83/200 kHz) transducer	1000ft (305M)
Sonar Alarms	Fish, Shallow
TrackBack	Yes
Temperature Readings	Yes

## Comms/Interface

NMEA0183	1 x RS422 port
Supported baud rates	1200, 2400, 4800 (Default), 9600, 19200, 38400, 57600, 115200
Data Card Slot	1 micro SD card up to 32GB

## GPS/Navigation

<b>GPS Type</b>	Internal high-sensitivity WAAS + EGNOS + MSAS
<b>Waypoints</b>	3000
<b>Routes</b>	100
<b>Trails</b>	100 plots with up to 10,000 points per trail
<b>GPS Alarms</b>	Anchor, Arrival, Offcourse
<b>Background Mapping</b>	World reference basemap and enhanced U.S. basemap with over 3,000 enhanced lake maps with depth contour and shoreline detail, plus coastal depth contours/shoreline detail and spot depth soundings to 1,000 ft./305 m
<b>Mapping Options</b>	Lake Insight™ and Nautic Insight™ PRO and HD, Navionics® Gold and HotMaps® Premium, Fishing Hotspots® PRO, Jeppessen C-Map Max-N Wide.