

GENERAL

LCD Display CP150: 5" 320x240 4 Level Gray Scale
CP150C: Sunlight Viewable 5" Color TFT
Cartography C-MAP NT
Operational Temp 32F to 131F / 0C to 55C
Voltage 13. VDC ± 20
Mounting Optional Overhead Mounting Bracket RR150003CP

GPS PERFORMANCE

Receiver WAAS Satellite Differential
Accuracy 3 Meters with WAAS on
15 Meters no WAAS
Acquisition Time
Warm Less than 40 Seconds
Cold Less than 45 Seconds

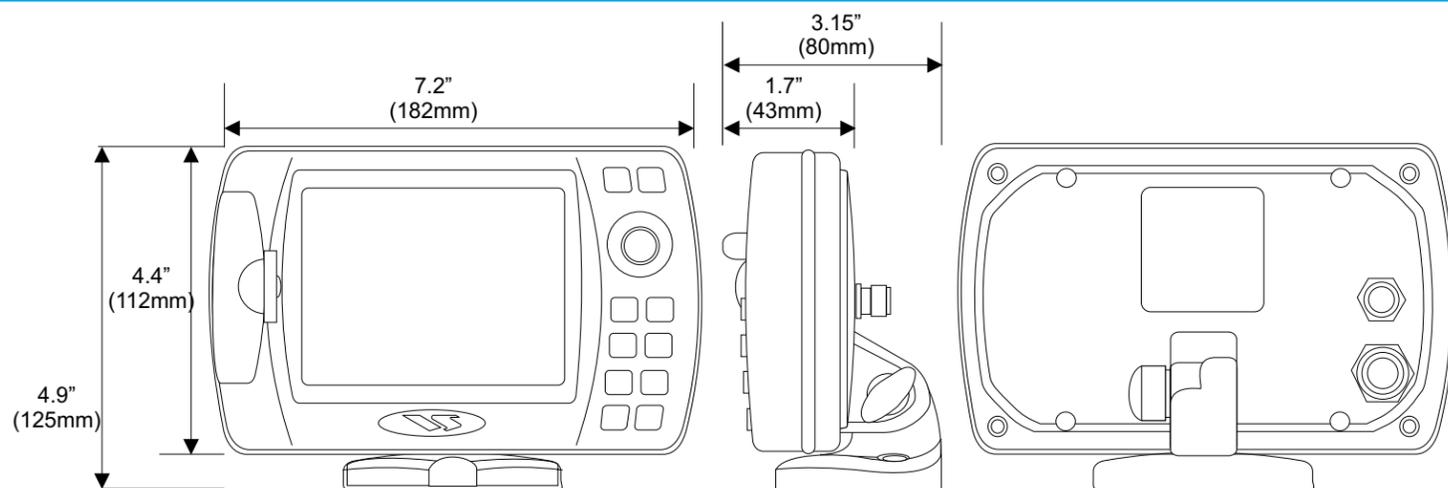
NAVIGATION FEATURES

User Points 600 Waypoints/Marks
User Point Icons 16
User Point Label 10 Character Name
Track/Log Points 5/1000
Routes/points 20/30

NMEA IN OUT

Input/Output Supported Sentences APA, APB, BOD, DPT, DSC, GLL, HDG, HSC, MTW, MWV, RMA, RMB, TLL, VHW, VTG, WCV, TE
Waypoint and Route PC Up/down load es, NMEA WPT, RTE

DIMENSIONS



GPS ANTENNA in l u e



Height 1.7" (43mm)
Diameter 1.7" (43mm)
Shaft 1.7" (43mm)
Case Mounting 1.7" (43mm)
Connector SMA
Standard Foot Length 3.15" (80mm)
Theoretical antenna mount 3.15" (80mm)
Gold Plate SMA

12 Parallel Channel WAAS (Wide Area Augmentation System) Receiver and DGPS Compatible

5 Inch High Resolution 320x240 Display Front Loading C-MAP NT+ Cartography

VHF DSC Distress and Position Request Display Capable

NMEA Data Page Capable of Displaying Depth, Speed, Water Temperature and Wind Information as Well as Trends

Backlit LCD and Keys

Unique Shuttlepoint Cursor System

3 Year Water Proof Warranty and Flat Rate Program



**CP150C
Sunlight Viewable**

CP150

Nothing to believe in

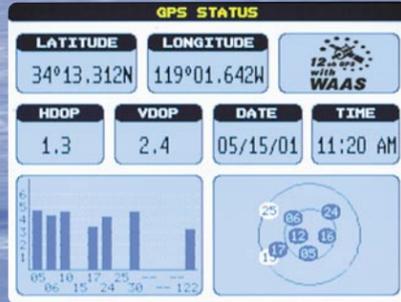


The Best Just Got Better!
The release of C-Map NT+ marks another milestone in the evolution of the award winning NT product that has seen at the core of the best electronic charting systems for the past five years. C-Map NT+ offers many improvements over the original NT - improved chart display, increased chart coverage, lower prices and more chart choices.

SUPERIOR PERFORMANCE AND SCREEN RESOLUTION!

SELECTABLE PAGES

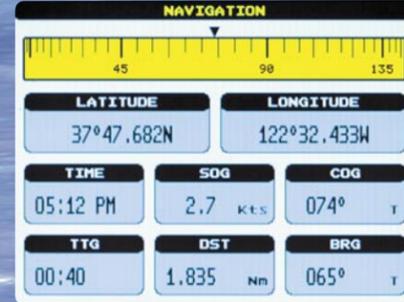
GPS Status



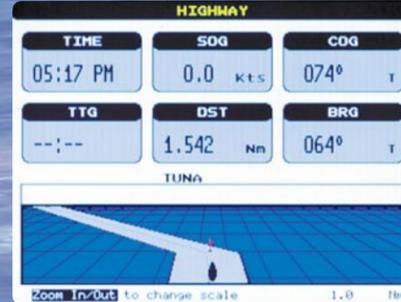
Chart



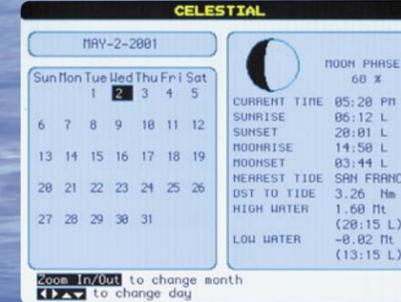
Navigation



Highway



Celestial



DSC LOG

DSC LOG			
DISTRESS CALL			
DATE TIME	LATITUDE	LONGITUDE	SHOWN
03-04-01 08:11 AM	33°34.167N	118°21.864W	SHARK 0023244524 YES
03-04-01 09:31 AM	33°31.211N	118°24.161W	SUNOK 0050477743 NO
03-04-01 10:45 PM	33°36.802N	118°33.569W	STRIKE01 0007456837 YES
03-04-01 11:52 PM	33°32.947N	118°34.731W	THUNDER 0073759227 YES

NMEA



The CP150 and CP150C GPS Chart Plotters from STANDARD HORIZON delivers a unique combination of features and performance at a price that is simply unmatched. Incorporating the latest receiver and display technologies the CP150 or CP150C are an excellent choice for the boater who demands optimum performance.

Let the Sun Shine

Nothing beats the detail and impact of the CP150C color display. However until recently boaters have been unable to use their color electronics in an installation that would experience direct sunlight.

The CP150C features cutting edge Transreflective screen technology. The result is a display that delivers uncompromised bright, vivid color mapping detail in the toughest application, direct sunlight. The CP150C from STANDARD HORIZON says, "Let The Sun Shine".

Small in Size, Big in Performance

The CP150 and CP150C are a mere 4.4 inches high (110mm) and include a bracket and flush mounting kit allowing either plotter to be mounted in small spaces. Combining the outstanding accuracy of a 12 channel WAAS receiver, superior processor speed (RISC) and screen resolution (320x240) the CP150 and CP150C include features of plotters that cost twice as much.

The built-in world map allows quick seamless panning and zooming with or without a cartridge loaded. When more detail is desired, a C-MAP NT cartridge can be inserted into the front-loading waterproof door. Finally, in order to make accessing data on the chart easier STANDARD HORIZON developed a unique cursor control system called "ShuttlePoint". This new cursor controller allows the user to move the cursor to any position on the chart page even when the vessel is underway.

WAAS (Wide Area Augmentation System) Receiver

A 12-channel WAAS receiver is the heart of the CP150 and CP150C. WAAS, the latest receiver technology improves the accuracy and integrity of basic GPS signals. WAAS delivers pinpoint repeatable accuracy to within 3 meters of a vessels actual position. This new technology allows every boater to obtain the accuracy of a Differential GPS without the additional expense. The WAAS system currently covers the United States, Canada, Mexico and parts of northern South America. Additionally, the CP150 and CP150C are EGNOS and MSAS ready which will extend superior receiver performance to the United Kingdom and the European Continent.

Additional Features Found in The CP150 and CP150C GPS Chart Plotter

- Better cursor control via unique "ShuttlePoint" controller
- Simple Menu driven software
- Celestial Page calculates and displays sun/moon rise/set times along with high and low water tide information
- Port Services and detailed tide information available when an optional C-MAP NT card is installed.
- User configurable data fields can be viewed in normal or large fonts
- Accepts RADAR TLL input to mark and save scanned vessel positions
- Marks and Routes name can be up to 10 characters long
- PC upload and downloading of Marks, Waypoints and Routes with optional C-MAP PC PLANNER NT software
- 16 selectable Icons can be displayed on the chart page to ease recognition of saved Marks and Waypoints



VHF Distress and Position Request Display

The CP150 and CP150C introduce a new technology to GPS Chart Plotting. Using VHF Digital Selective Calling (DSC), the CP150 can decode and log either a VHF Distress Call or Position Request call when input is received from a DSC equipped radio capable of sharing the data. Connect the CP150 or CP150C to STANDARD HORIZON's SPECTRUM+ or Intrepid+ DSC VHF's and they will alert you with a message whenever a Distress or Position Request Call is received. Should the operator select to view the received position, either plotter will automatically zoom out to show both received vessel and user vessel position directly on the chart. A second prompt asks the user whether they would like to navigate to the received vessel position, while alerting the operator to possible obstructions. Select to create a route to the received vessel position and they automatically create a route while immediately calculating important navigation data such as Distance To Waypoint and Time To Go. Connect your CP150 or CP150C to an autopilot and you have an integrated navigation system that eliminates the requirement for coordinate input.



Built Better- Backed Better

STANDARD HORIZON's unique 3-year Waterproof Warranty covers the CP150 or CP150C. If your STANDARD HORIZON CP150 or CP150C fails for any reason including water damage during normal use in the first 3 years of ownership, STANDARD HORIZON will repair or replace it without hassle (at STANDARD HORIZON's discretion) or charge. If it fails thereafter in normal use for as long as the original purchaser owns it, our unique Flat Rate Service Program will cover it. Flat rate amount is established at the time of original purchase and is based on the factories current rate. Consult STANDARD HORIZON or your dealer for details.



A Family of Cosmetically Matched Choices

The CP150 and CP150C are members of the family of cosmetically matched marine electronics from STANDARD HORIZON that includes:

DIGITAL INSTRUMENTS



GPS CHART PLOTTERS



VHF RADIOS

