

Standard Horizon Model: CP590

More Information on Standard Horizon CP590 Chartplotter:

- ◊ [Standard Horizon CP590 Chartplotter Operator Manual](#)
- ◊ [Standard Horizon CP590 Chartplotter Brochure](#)



- 12" Color TFT daylight viewable LCD display
- Internal 50 channel WAAS GPS receiver and antenna.
- Connection for the optional external 50 Channel WAAS GPS Smart antenna
- C-MAP NT+ and C-MAP MAX compatible
- Si-Tex MDS Series Radar, Fish Finder and AIS capable
- Displays DSC Distress and Position report calls received from a DSC VHF radio
- Customizable data windows
- GPS Status, Chart, Navigation, Highway, Celestial, Tides, Chart/Fish, Radar and AIS pages
- 3000 Marks / 50 Routes
- 20 Tracks with 10000 available track points
- Dual chart window with independent zoom levels
- Satellite images on base map
- Font size selection on chart page
- Navigation and Route line thickness
- Find Key, allows quick access to Port information, tide stations, wrecks, Point Of Interest and coordinates (with optional C-Map MAX)
- Navigate to an Olympic route
- Automatic switching of Daylight savings time
- Route checking
- Supplied with a swivel mounting bracket and flush mounting hardware
- Dedicated MARK, ROUTE and INFO keys
- 4 NMEA inputs / 5 outputs
- 3 Year Waterproof Warranty

Built-in C-Map Charts, Optional C-Map MAX

The Standard Horizon CP590 Chartplotter has award winning C-Map coastal charts built-in which cover USA, Canada, Bahamas, Mexico, Caribbean, Cuba and parts of Central America. Details include: all Navaid icons on chart page, depth contours and soundings up to 66Ft and tidal information

The Standard Horizon CP590 Chartplotter also is compatible with optional C-Map MAX cartography for more detailed charts.

External 50 Channel WAAS GPS

The external 50-channel WAAS receiver is the heart of the CP590. WAAS delivers pinpoint repeatable accuracy to within 3 meters of a vessel's actual position without the additional expense of a Differential receiver. The WAAS system currently covers the United States, Canada, Mexico and parts of northern South America. Additionally, the CP590 is EGNOS and MSAS ready which will extend superior receiver performance to the United Kingdom and European Continent.

3-Year Waterproof Warranty

If the Standard Horizon CP590 Chartplotter fails for any reason (including water damage) during normal use for the first 3 years of ownership, STANDARD HORIZON will repair or replace it free, without hassles or charges. If it fails for anytime thereafter in normal use, for as long as the original purchaser owns the radio, STANDARD Horizon's Lifetime Flat Rate and Customer Loyalty Service Programs will cover it.

Direct Sunlight viewable color display

Nothing beats the detail and impact of a color display. Featuring cutting edge transfective screen technology, the result is a display that delivers un-compromised bright, vivid color chart detail in the toughest of applications--direct sunlight.

The Standard Horizon CP590 Chartplotter 12" 800x600 wide screen display, truly allows you not to worry where the sun is shining!

Dual Video Inputs

The Standard Horizon CP590 Chartplotter is capable of displaying AIS targets from AIS receivers (Standard Horizon Matrix AIS+) or AIS transponders on its Chart page. The AIS target are colored to inform you of the type of AIS ship you are looking at. In addition, Closest Point of Approach or Time to Closest Point of Approach alarms can be set to alert you of approaching Class A and B ships.

Dual Chart Windows

The Standard Horizon CP590 Chartplotter display can be set to show two chart windows with independent zoom levels.

Compass Heading indication around ship icon

To see the approximate bearing of ships, buoys, obstructions or quickly see a bearing to a point you want to navigate to, the Standard Horizon CP590 Chartplotter display can be setup to show a compass around the ships position on the Chart page.

Dedicated Navigation Keys

Using a GPS Chart Plotter has never been so easy! The Standard Horizon CP590 Chartplotter has dedicated MARK and ROUTE keys that allows the creation of a single waypoint or creation of a route right on the Chart Page. Want to navigate to one of the marks or to a Route, the GOTO key allows you to do so directly on the chart or via the popup menu when the key is pressed.

Guardian Alarm

The Standard Horizon CP590 Chartplotter has a unique alarm which monitors possible obstructions in front of your vessel to alert you while navigating.

This alarm allows you to set the depth of water and the distance to obstructions in front of your boat.

VHF Digital Selective Calling and Position Polling

STANDARD HORIZON pioneered this function, leading the industry with innovative features and function.

The Standard Horizon CP590 Chartplotter GPS Chart Plotter has the capability to be connected to a compatible DSC VHF Fixed mounted radio. This is done by simply connecting 3 wires between the Standard Horizon CP590 Chartplotter and the VHF.

Connecting the products together allow you to securely and totally privately poll and display another vessels position on the display of the Standard Horizon CP590 Chartplotter. To take this one step further, the Standard Horizon CP590 Chartplotter has a DSC Call directory that logs the position of the polled vessels and also the position of a vessel that has transmitted a DSC Distress call.

FF525 optional black box fish finder capable

The optional FF525 Fish Finder option brings high-end fish finding capability to Standard Horizon's Standard Horizon CP590 Chartplotter WAAS GPS Chart plotters making them the ideal choice for casual or professional anglers alike.

The optional FF525 Dual Frequency (50 and 200kHz) Black Box Fish Finder's advanced filtering eliminates unwanted noise and sharpens return echoes for enhanced separation and detection.

Transducer ID™ allows the FF525 to query the transducer (sold separately) to determine its performance characteristics. Power output, frequency, beam pattern and other unique transducer characteristics are sent to the fish finder. This data allows the fish finder to fine tune itself to match the transducer which optimizes overall system performance. No matter what the conditions, you will be able to fine tune your fishing rather than the fish finder. Note: Transducer ID™ is a registered trademark of AIRMAR Technology Corporation, Milford.

Radar Dome or Open Array compatible

The Radar antennas are supplied by SI-TEX (631) 996-2690 in the USA and Canada. Refer to the table below for compatible models:

MDS-1
2kW 24 Mile 12.4" diameter Radome antenna

MDS-8
2kW 24 Mile 20" diameter Radome antenna

MDS-9
4kW 36 Mile 23.5" diameter Radome antenna

MDS-10-4
4kW 48 Mile 4FT Open Array

MDS-10-5
4kW 48 Mile 5FT Open Array