

FEATURES CP590

External 50 Channel WAAS GPS

The external 50-channel WAAS receiver is the heart of the CP590 / CP590NC. 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 / CP590NC is EGNOS and MSAS ready which will extend superior receiver performance to the United Kingdom and European Continent.

Direct Sunlight viewable color display

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

The CP590 / CP590NC 12" 800x600 wide screen display, truly allows you not to worry where the sun is shining!

Dual Video Inputs

The dual video inputs allow connection to color video cameras or any off the shelf DVD which is view on the CP590 / CP590NC 12" display. The CP590 / CP590NC can show the image on the whole display or on a small Picture in Picture display or be shown at user selectable intervals to monitor your bilge during a cruise.

AIS display capable

The CP590 / CP590NC is capable of displaying AIS targets from AIS receivers (Standard Horizon Matrix AIS+) or AIS transponders on it 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 CP590 / CP590NC 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 CP590 / CP590NC 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 CP590 / CP590NC 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 CP590 / CP590NC 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 CP590 / CP590NC 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 CP590 / CP590NC 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 CP590 / CP590NC. To take this one step further, the CP590 / CP590NC 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 CP590 / CP590NC 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.