

Standard Horizon CPF190i Combination Chartplotter Fishfinder with GPS,
5" Display, Internal GPS Antenna

Standard Horizon Model: CPF190i



5" 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

Fish Finder Features

Built-in 600W dual frequency fishfinder
50 and 200kHz selections
2X and 4X zoom
Bottom lock and white line selections
Sensitivity Time Control (STC) and Surface Noise Filters
Speed through water (available on optional DST521 and DST526 transducers)
Alarms - Shallow, Deep, Temp upper and lower

FEATURES

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

The Standard Horizon CPF190i has award winning C-Map coastal charts built-in which cover USA, Canada, Mexico, Bahamas, Caribbean, Cuba and parts of Central America. Details include: all Navais icons on chart page, depth contours and soundings up to 66Ft, Graphical tide display / icons on chart and Marina icons and the list of services symbols.

The Standard Horizon CPF190i also is compatible with optional C-Map MAX cartography for more detailed charts.

Built-in 600W internal dual frequency fish finder

The internal dual frequency (50 and 200kHz) Fish Finder's advanced filtering eliminates unwanted noise and sharpens return echoes for enhanced separation and detection.

Transducer ID™ allows the Standard Horizon CPF190i to query the transducer (sold separately) to determine its performance characteristics. Frequency, beam pattern and other unique transducer characteristics are sent to the Internal 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.

Internal / External 50 Channel WAAS GPS

The internal 50-channel WAAS receiver is the heart of the Standard Horizon CPF190i. 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 Standard Horizon CPF190i is EGNOS and MSAS ready which will extend superior receiver performance to the United

Kingdom and European Continent.

For flush mount installs the Standard Horizon CPF190i is capable of connection the optional WAAS GPS antenna (Q7000619A) supplied with 30 feet of routing cable.

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 CPF190i 5" display, truly allows you not to worry where the sun is shining!

3-Year Waterproof Warranty

If the Standard Horizon CPF190i 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.

Guardian Alarm

The Standard Horizon CPF190i 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.

Swivel Mounting Bracket

The Standard Horizon CPF190i is supplied with a swivel mount bracket allowing it to be rotated left or right for optimal viewing.

VHF Digital Selective Calling and Position Polling

The Standard Horizon CPF190i 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 CPF190i 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 CPF190i. To take this one step further, the Standard Horizon CPF190i 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.

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

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

AIS display capable The Standard Horizon CPF190i 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 Standard Horizon CPF190i 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 CPF190i 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 CPF190i 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.

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