

**Standard Horizon CPV550 Chartplotter, VHF Radio, GPS, and Loudhailer**  
with 12" Color Display, front loading C-Map NT+ or C-Map MAX cartography,  
GPS Antenna, DC Voltage

**Standard Horizon Model:** CPV550

**psicompany.com**

**More Information on Standard Horizon CPV550 Chartplotter, VHF Radio, GPS, and Loudhailer:**

- △ [Standard Horizon CPV550 Chartplotter Brochure](#)
- △ [Standard Horizon CPV550 Chartplotter Operator Manual](#)

**Standard Horizon CPV550 Chartplotter takes a single station navigation and communication system to a whole new level:**

12" Color SVGA (800x600) sunlight viewable display  
50 channel WAAS GPS Antenna included  
C-Map NT+ and MAX compatible  
Radar, AIS and fish finder capable  
3000 Marks, 3000 track points and 50 routes

#### **MARINE VHF RADIO**

Class D DSC (separate ch70 receiver)  
Audio Tone Control  
25W transmit power  
Noise canceling Speaker microphone  
DSC Distress, Urgency, Safety, Individual, Position  
Report and Request calls  
Instant 16/9 and NOAA WX keys  
Dual RAM+ Microphone or VH-310 telephone handset remote control

#### **PUBLIC ADDRESS AND LOUD HAILER**

30W PA and FOG output  
4 preprogrammed FOG signals  
Bells and whistles  
Listen back in PA and FOG horn modes

#### **ADDITIONAL Data and Installation Information**

2 NTSC or PAL Video Inputs  
Overall Dimensions: 10.9"H x 15.3"W x 6.1"D  
Flush Mount Cutout: 6.5"H x9.9"W

#### **Alphanumeric Key Pad**

The keypad allows quick access to most often used functions, input of DSC names and position and direct entry of channels.

#### **Commercial ITU Class D VHF**

The Standard Horizon CPV550 Chartplotter meets the international requirements for Class D with a separate Channel 70 receiver, which allows DSC calls to be received even when listening to traffic on Marine VHF channels. The DSC DISTRESS function when activated transmits a digital MAYDAY including vessel identification, Latitude / Longitude and time (with GPS connected), to facilitate prompt response. Additional calls that can be made are Individual, Urgency and Safety.

#### **80dB Rejection**

Advanced receiver technology rejects the reception of unwanted signals from pagers and other unwanted VHF frequencies.

#### **Audio Tone Control**

This unique feature allows the treble and bass of the speaker audio to be adjusted for best listening. The effect is similar to adjusting the treble and bass controls on a stereo.

#### **Standard Horizon CPV550 Chartplotter has Oversized Knobs and Scanning**

Radio operation and channel selection is made easy (even with gloves) with the oversized volume, squelch and channel selector knobs. The Standard Horizon CPV550 Chartplotter has Dual Watch, which scans a selected channel and ch16 simultaneously allowing you to monitor a channel and not miss calls made on ch16. Programmable Scan and Priority Scan features are user programmable.

#### **Plug and Play Front or Real Panel Mic**

The standard hand microphone has a built in speaker and uses Noise canceling technology called ClearVoice for unsurpassed communications even in the noisiest environments. This microphone also has the capability to directly switch between channels 16 and 9, change channels with the large UP/Down keys and can be removed for storage. The microphone may be remoted with the MEK-4 extension kit for custom installations. The MEK-4 contains 20Ft or routing cable, Stainless Steel panel mount and screws.

#### **2 Remote Stations**

All of the features of the main radio can be accessed through the optional RAM+ speaker microphone (CMP25) or VH-310 telephone style handset (2 connections) With a RAM+ or VH-310 connected, the Standard Horizon CPV550 Chartplotter becomes an intercom system allowing two way private communications.

#### **2 Video (NTSC pr PAL) Input Connections**

The Standard Horizon CPV550 Chartplotter has 2 connection that allows a video signal from a optional camera or DVD to be connected and shown on the whole display, or a Picture in Picture window.

#### **30W PA and Fog Signaling**

The Standard Horizon CPV550 Chartplotter includes a 30W Loud Hailer with Fog signals; Bells and Whistles with listen back. For added benefit, the last selected VHF channel is can be heard when in the PA or Fog mode.

#### **FT 256 Color 12-Inch Display (Screen Resolution: 800 x 600)**

There is no question about it. With a big, bold display there is no mistaking the information. It can easily be seen in locations where the Chart Plotter cannot be mounted directly in front of you. Here is a photo of the Standard Horizon CPV550 Chartplotter showing the C-MAP 3D Chart View.

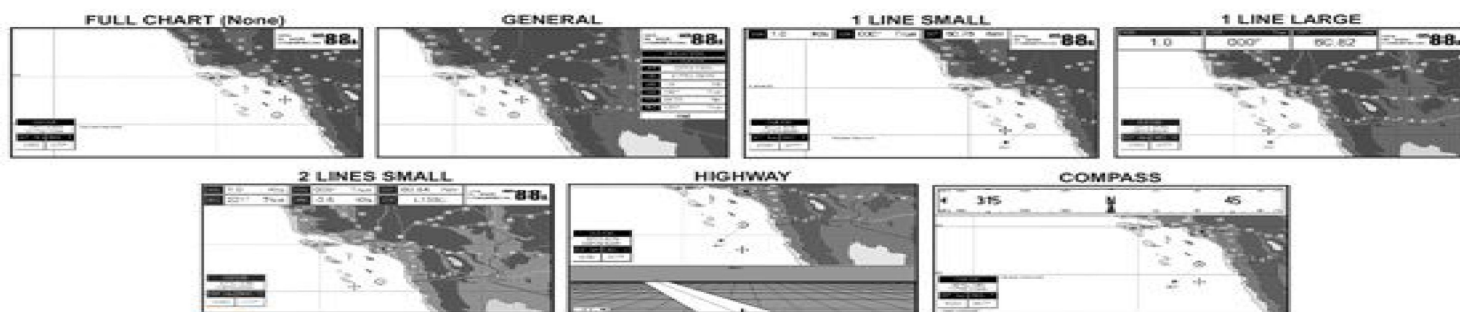


### 3000/ Routes: 50 (Max 50 waypoints each)

Beauty and brains! Not only does the Standard Horizon CPV550 Chartplotter boast a beautiful display, it can also be loaded with enough Waypoints and Marks to guarantee you will always arrive at your destination.

**Standard Horizon CPV550 Chartplotter can be customized to your needs!**

The window on the right side of the Chart page is called the General Window and it may be edited, customized or even changed to show a highway or compass tape.



### Fish finder, Radar options

The CP500 is capable being a fish finder and a Radar by connecting the FF520 sounder module and optional 2K and 4K Radar Antennas.

### AIS Targets

Large vessels routinely transmit their navigation information. The Standard Horizon CPV550 Chartplotter is capable of displaying these signals (when optional AIS receiver connected) as Targets on the chart page in relation to your position. In addition the Standard Horizon CPV550 Chartplotter can be setup to alarm when a target ship is within a specific time or range zone, to alert you to avoid a collision.

### Additional features

NorthUp and CourseUp display setting Supports Loran TD's Dedicated GOTO, MARK and ROUTE keys Split Screen Fish Finder and Radar when optional FF520 or 2K or 4K Antennas connected Supplied with Mounting Bracket and Hardware, Flushmount hardware and 16ch WAAS GPS antenna with 30Ft of cable

### 3-Year Waterproof Warranty

If the Standard Horizon CPV550 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.

### Box Contents:

- Standard Horizon CPV550 GPS Chart Plotter with VHF FM Marine Transceiver
- GPS WAAS Smart antenna
- Microphone
- Dust Cover
- DC Power Cable
- Accessory Cable (x 2)
- Flush Mount hardware, Mounting Bracket, and mounting bracket hardware
- Owner's Manual
- Flush mounting template

**Standard Horizon CPV550 Chartplotter has many pages designed to ease your Navigation**

The GPS Chart Plotter has many pages that are designed to ease your navigation.

