



HX290 - Floating 5 Watt Handheld VHF

Available: January 2011 – MAP \$119.99

The HX290 is an extremely affordable 5W FLOATING handheld VHF. It has an oversized easy to read backlit display and looks great in the hands of any mariner. The HX290 is value packaged with an 1150mAh Lithium-ion non memory rechargeable battery, rugged belt clip, 110 VAC and 12V DC trickle chargers and a drop-in charging cradle. Other great features include Glow-In-The-Dark strip, Programmable Scan, Dual Watch, Ch16 Priority Scan, NOAA weather channels with weather alert, selectable 5 and 1 Watt transmit power, preset key for storing up to 10 of your favorite channels, speaker mic jack to connect optional speaker mics and headset and a battery life indicator. The HX290 is backed by an industry leading 3-year waterproof warranty.



Features:

- Floating
- Submersible JIS-8 1.5M (4.92Ft) for 30 minutes
- Glow-In-The-Dark strip
- Slim, form fitting case design
- Selectable 5 and 1 Watt transmit power output
- Supplied with a 1150mAh Lithium-ion battery, 110 VAC and 12 VDC chargers and a charging cradle
- Huge channel display
- Optional Speaker microphone or Headset capable
- All USA, International and Canadian Marine Channels
- Programmable Scan, Priority Scan and Dual Watch
- NOAA Weather channels and Weather Alert
- Key lock
- Squelch level on display
- Low battery indicator
- Preset key used to recall up to 10 favorite channels
- Optional FBA-42 Alkaline Battery tray available
- 3 Year Waterproof Warranty



Included Accessories:



FNB-V110Li



CD-52



PA-44B



CAT460



E-DC-30



CLIP-22



HX400 - Commercial 5 Watt Handheld VHF with LMR Capability

Available: January 2011 – MAP \$199.99



The submersible HX400 combines multiple features for a wide variety of users. Commercial tough construction with all VHF marine channels, optional speaker microphone jack, voice scrambler, noise cancelling microphone and 40 programmable LMR (Land Mobile Radio) channels with CTCSS and DCS signaling. The HX400 is popular among recreational and commercial boaters. Additional features include a built in Voice Scrambler for private communications, Programmable Scan, Ch16 Priority Scan, Dual Watch, TRI-Watch, channel names; NOAA weather channels with weather alert, selectable 5 or 1 Watt transmit power, 10-channel preset key and a low battery life indicator. The HX400 is supplied with an ultra-high capacity 2400mAh Lithium-ion battery, heavy duty belt clip, 110 VAC and 12 VDC 3-hour rapid chargers with a drop in cradle. The HX400 is backed by an industry leading 3-year waterproof warranty.

Features:

- Submersible IPX8 / 1.5M (4.92Ft) for 30 minutes
- Selectable 5 or 1 Watt transmit power output
- Noise Cancelling Microphone
- 40 Programmable Land Mobile Channels 134 MHz to 174 MHz with CTCSS and DCS signaling
- Programmable channel names
- NOAA Weather channels and Weather Alert
- Low battery indicator
- Built in Voice Scrambler for private communications
- All USA, International and Canadian Marine Channels
- Optional speaker microphones and headsets available
- Supplied with 2400mAh Li-Ion battery, 110 VAC and 12 VDC hour rapid chargers
- Programmable Scan, Priority Scan and Dual Watch
- Preset key used to recall up to 10 favorite channels
- Key lock
- 3 Year Waterproof Warranty

Included Accessories:



FNB-V115Li



CD-50



PA-45B



CAT460



E-DC-30



CLIP-22



ECLIPSE DSC+ GX1150 – Affordable ITU Class D VHF

AVAILABLE
IN
BLACK & WHITE



Available: January 2011 - MAP \$129.99

The Eclipse DSC+ is an affordable ITU Class D VHF radio, ultra compact and designed with a sturdy die-cast chassis making this full functioning 25 Watt radio the perfect choice for serious power and sail boaters alike. The ECLIPSE DSC+ features a microphone with channel UP/DOWN, 16/9 and H/L keys. The microphone also features Clear Voice Noise Reduction Technology eliminating unwanted background noises like engines and wind during transmission ensuring clear communications. This assures transmissions are crystal clear. The advanced design of the Eclipse DSC+ allows DSC calls to be received even when listening to other communications as it has a separate DSC receiver. Additional DSC features include, DISTRESS, Individual, Urgency, Safety, Position Report and Send, DSC test call and menu selection for Auto DSC channel switching.

Features:

- Replaces older Eclipse+ and Eclipse DSC Models
- Meets ITU-R M493-12 regulation
- 16/9, H/L and channel keys on the mic
- DSC test call
- Auto DSC channel change selection
- Full dot matrix display
- Submersible JIS-7 / IPX7 (3.3 feet for 30 minutes)
- NMEA 0183 Input and Output
- Time and GPS position information shown on display when GPS connected
- Programmable Scan, Priority Scan, and Dual Watch
- NOAA Weather Channels with Alert
- All USA, International and Canadian Marine Channels
- Overall Dimension: 2.4"H x 6.1"W x 6.7"D
- Flush Mount Cutout: 2.0"H x 5.2"W
- 3 Year Waterproof Warranty

Optional Accessories:



RAM3



MLS-300



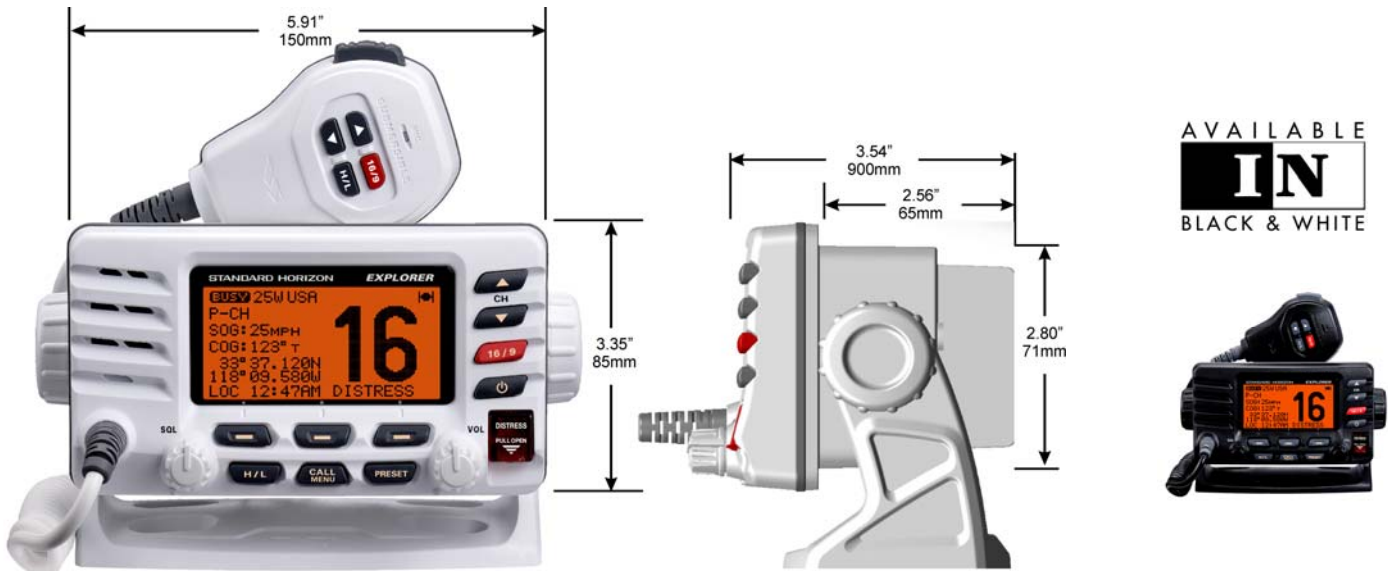
MLS-310



MMB-97



EXPLORER GX1600 – Ultra Compact ITU Class D VHF, RAM3 Compatible



Available: January 2011 - MAP \$169.99

Mounting a VHF radio has never been easier. The Explorer GX1600 has an ultra compact rear case, only 3.5" in depth or half the depth of comparable VHF radios on the market. The rear case design also grants flexibility when flush mounting the radio in tight areas or saves dash space when bracket mounted, allowing you more freedom when choosing a location to mount your radio.. The GX1600 has been designed to meet the NEW ITU-R M493-13 Class D DSC regulations with a dedicated channel 70 receiver that continuously watches for DSC calls. The GX1600S has the ability to accept a RAM3 Remote Access Microphone allowing full control of all radio and DSC functions from a second station. Additional features include oversized full dot matrix display, user selectable Programmable Scan, Dual Watch, Ch16 Priority Scan, user changeable channel names, NOAA weather with alert, dedicated preset channel, dedicated CH16/9 keys and 3 programmable soft keys. The microphone also has dedicated 16/9 and H/L keys, channel selection keys and uses ClearVoice noise reduction technology which reduces wind and engine noise while transmitting. Another unique feature of the GX1600 is the ability to "poll" (request and send) the GPS location of another vessel and show that vessel's position on the radio's display. Connecting a compatible GPS chart plotter will allow the GX1600 to repeat your position, SOG, COG and time on the full dot matrix display. The GX1600 is backed by an industry leading 3-year waterproof warranty.

Features:

- Ultra compact rear case design (3.5" depth)
- Meets ITU-R M493-13 Class D DSC
- DSC test call
- Auto DSC channel change selection
- Automatically poll the GPS position of up to 4 ships
- Enter, Save, and Navigation to waypoint with Compass page
- GPS Compass display
- Navigation (LAT/LON, SOG, and COG) information shown on display
- Submersible JIS-8 1.5M (4.92Ft) for 30 minutes
- Capable of connecting to a Second Station RAM3 remote Access Microphone
- Noise canceling microphone with channel UP/DOWN, 16/9 and H/L keys

Optional Accessories:



This device has not been approved by the Federal Communications Commission. This device is not, and may not be, offered for sale or leased until the approval of the FCC is obtained.



MATRIX AIS GX2150 – ITU Class D VHF-Built-in AIS Receiver, RAM3 Compatible



Optional RAM3 with AIS display

Available: January 2011 - MAP \$399.99

New features for 2011:

GPS in / DSC out 4800 and 38400 baud rate selections (Allows connection to GPS Chart Plotter with 1 NMEA IN/OUT), selectable True and Magnetic readings for AIS target and PA/FOG simultaneous operation with AIS display, GPS status page

Improving the popular MATRIX AIS, the **MATRIX AIS+** includes features customers have requested: 4800 to 38400 NMEA input baud rate selection (for plotters with 1 NMEA port), True and Magnetic selection for AIS targets, simultaneous PA/FOG operation with AIS display and a GPS status display page. When connected to a GPS with NMEA 0183 the MATRIX AIS+ displays AIS target information (MMSI, Call Sign, Ship Name, BRG, DST, SOG and COG) allows you to contact an AIS Ship directly using DSC, shows your vessels position in relation to AIS targets and alerts you when an AIS ship may be approaching too close to your location via the Closest Point of Approach (CPA) Alarm. One antenna input is all that is needed since the MATRIX AIS+ utilizes the VHF antenna to receive AIS targets from ships class A or B AIS transponders. The MATRIX AIS+ features an 80dB commercial grade receiver with Local/Distance attenuator, ITU Class D DSC, powerful 30 Watt PA/Loud Hailer with listen back, and preprogrammed fog signals. Other great features include; die-cast chassis for durability, user-changeable channel names, optional voice scrambler, ClearVoice noise canceling speaker microphone, 4.5 Watt audio output, NOAA Weather Alert, Programmable Scan, Priority Scan and Dual Watch. The MATRIX AIS+ is also capable of entering and saving up to 100 waypoints, which may be selected and navigated to by using a unique navigation compass display that shows your vessels SOG, COG, BRG (Bearing) and DST (Distance) to the waypoint. The MATRIX AIS+ is capable of being connected to a RAM3 Remote Access Microphone, allowing control of all VHF, DSC and hailer functions remotely as well as add an intercom between the radio and second station microphone. Another unique feature is the ability of the MATRIX AIS+ to "poll" (request and send) the GPS LAT/LON of another vessel and show the vessel's position on the radio's alphanumeric display or send the data to a compatible GPS chart plotter to be viewed directly on the chart. This is a great feature for maintaining contact with fishing or cruising "buddy" boats. The MATRIX AIS+ also has the capability to send AIS target information to a chart plotter via NMEA. The MATRIX AIS+ is backed by an industry leading 3-year waterproof warranty.

Features:

- Integrated dual channel AIS (Automatic Identification System) receiver
- 4800 or 38400 NMEA baud rate selection, for plotters with 1 NMEA port
- Able to use PA or Fog signaling when on AIS display
- True and Magnetic bearing selection on AIS display
- AIS target display: MMSI, Call Sign, Ship Name, BRG, DST, SOG and COG
- Contact Class A or B AIS Ship with DSC*
- Programmable CPA or TCPA collision avoidance alarms*
- ITU Class D DSC (Independent Channel 70 receiver built-in)
- Submersible JIS-7 / IPX7 (3.3 feet for 30 minutes)
- 80dB Commercial grade receiver
- DSC position request and report functions when connected to compatible GPS chart plotter
- GPS Compass, Waypoint and GPS status pages*
- 30 Watt PA/Loud Hailer with preprogrammed fog signals and listen back
- ClearVoice noise canceling speaker microphone with channel and 16/9 key

Optional Accessories:



RAM3



MMB-97



MLS-300 MLS-310



190 SERIES – 5" GPS Chart Plotter and GPS Chart / Fish Finder with built-in charts



CP190i MAP \$599.99



CPF190i \$699.99



Built-in charts of USA including Alaska, Hawaii and Great Lakes, Canada, Bahamas, Caribbean, Cuba, Mexico, Puerto Rico, and Central America

Available: January 2011

The CP190i and CPF190i come with built-in detailed charts for coastal navigation of USA including Alaska, Hawaii and Great Lakes, Canada, Bahamas, Caribbean, Cuba, Mexico, Puerto Rico, and Central America. The best value GPS Chart Plotter in its class, the CP190i boasts a crisp 320x240 direct sunlight viewable 5-inch color TFT display and is supplied with a swivel bracket and flush mount hardware. The CP190i is capable of navigating you quickly and accurately to your destination. Achieve up to 10' accuracy with the integrated 50 channel WAAS GPS receiver or with the optional external GPS Smart antenna. Dedicated MARK, ROUTE and INFO keys allow for fumble free operation. To find fish, wrecks and record water temperature, simply connect the optional FF525 50/200 kHz black box fish finder and transducer. In addition, the CP190i displays vessel positions when connected to a DSC radio, tracks AIS (Automatic Identification System) targets when connected to an optional AIS Receiver, and may be connected to Si-Tex MDS Series radars. The CP190i is backed by an industry leading 3-year waterproof warranty,

Features:

- Built-in detailed charts for coastal navigation of USA including Alaska, Hawaii and Great Lakes, Canada, Bahamas, Caribbean, Cuba, Mexico, Puerto Rico, and Central America
- 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)
- Route checking

Fish Finder Features

- Built-in 600W Dual frequency Fish finder
- 50 and 200kHz dual frequency selection
- 2x and 4x Zoom, Bottom Lock and White Line selections , Sensitivity Time Control (STC) control
- Speed Sensor (if available on transducer)
- Alarms - Shallow, Depth, Temp Upper and Lower



STANDARD HORIZON

390 SERIES – 7" GPS Chart Plotter and GPS Chart / Fish Finder with built-in charts



CP390i – MAP \$999.99



CPF390i MAP \$1099.99



Built-in charts of USA including Alaska, Hawaii and Great Lakes, Canada, Bahamas, Caribbean, Cuba, Mexico, Puerto Rico, and Central America

Available: January 2011

The CP390i and CPF390i come with built-in detailed charts for coastal navigation of USA including Alaska, Hawaii and Great Lakes, Canada, Bahamas, Caribbean, Cuba, Mexico, Puerto Rico, and Central America. Boasting 7-inch crisp high-resolution 800x480 sunlight viewable 16:9 aspect ratio Wide Screen display. 10' accuracy is obtained with the integrated 50 channel WAAS GPS receiver or optional GPS Smart antenna. NMEA connections are available to compatible VHF's for DSC distress and position polling functions. Connect to a video source and watch your favorite DVD, play your favorite video game, or monitor your engine room in full screen or Picture in Picture. Dedicated MARK, ROUTE and INFO keys allow for fumble free operation. 5 user programmable hot keys allow quick and easy access to a number of preprogrammed navigation displays. In addition, both 390 Series can tracks AIS (Automatic Identification System) targets when connected to an optional AIS Receiver. The built-in 600W dual frequency fish finder on the CPF390i allows you to easily find wrecks, record water temperature and target fish, simply by connecting an optional transducer. The 390 Series are backed by an industry leading 3-year waterproof warranty.

Features:

- Built-in detailed charts for coastal navigation of USA including Alaska, Hawaii and Great Lakes, Canada, Bahamas, Caribbean, Cuba, Mexico, Puerto Rico, and Central America
- 7" Hi Res 800x480 sunlight viewable display
- Internal 50 channel WAAS GPS receiver and antenna.
- Connection for the optional external 50 Channel WAAS GPS Smart antenna
- Si-Tex MDS Series Radar and AIS capable
- 2 Video inputs with Picture In Picture display
- 3000 Marks / 50 Routes
- 20 Tracks with 10000 available track points
- Dual chart window with independent zoom levels
- Satellite images on base map
- Navigate to an Olympic route
- Route checking
- Dedicated MARK, ROUTE and FIND keys
- C-MAP NT+ and C-MAP MAX compatible
- Supplied with a swivel mounting bracket and flush mounting hardware
- 3 Year Waterproof Warranty

Fish Finder Features

- Built-in 600W Dual frequency Fish finder
- 50 and 200kHz dual frequency selection
- 2x and 4x Zoom, Bottom Lock and White Line selections , Sensitivity Time Control (STC) control
- Speed Sensor (if available on transducer)
- Alarms - Shallow, Depth, Temp Upper and Lower



CP590 – 12" GPS Chart Plotters with built-in charts



Built-in charts of USA including Alaska, Hawaii and Great Lakes, Canada, Bahamas, Caribbean, Cuba, Mexico, Puerto Rico, and Central America

Available: January 2011 – MAP \$1799.99

Find every destination in style with the CP590 WAAS enabled GPS Chart Plotter. Built-in detailed maps for coastal navigation of USA including Alaska, Hawaii and Great Lakes, Canada, Bahamas, Caribbean, Cuba, Mexico, Puerto Rico, and Central America. Providing up to 10-foot accuracy the CP590 is designed to navigate you quickly and accurately to your destination. The CP590 boasts a crisp high-definition 12-inch 800x600 (SVGA) sunlight viewable TFT display. The 5 user programmable hot keys allow quick and easy access to a number of preprogrammed navigation displays. Connect your CP590 to two video sources and watch your favorite DVD, play your favorite video game, or monitor your engine room in full screen or Picture in Picture. In addition, the CP590 has one VGA Video output that connects to an external TV or Monitor allowing your passengers to view the vessels progress to a favorite destination. The CP590 is supplied with both a mounting bracket and flush mount hardware. NMEA connections are available to compatible Standard Horizon VHF for DSC distress and position polling functions. To find fish, wrecks and record water temperature, simply connect the optional FF525 50/200 kHz black box fish finder and transducer. Dedicated MARK, ROUTE and INFO keys allow for fumble free operation. In addition, the CP590 displays and tracks AIS (Automatic Identification System) targets when connected to an optional AIS Receiver. The CP590 is backed by an industry leading 3-year waterproof warranty.

Features:

- Built-in detailed charts for coastal navigation of USA including Alaska, Hawaii and Great Lakes, Canada, Bahamas, Caribbean, Cuba, Mexico, Puerto Rico, and Central America
- 12" full VGA 800x600 high resolution display
- Supplied with external 50 channel WAAS GPS antenna
- C-MAP NT+ and C-MAP MAX compatible
- Radar / Fish Finder and AIS capable
- Able to show Distress and Position report calls received from a DSC VHF radio
- 2 NTSC or PAL video inputs with Picture In Picture
- VGA video output connects to an external monitor
- Alpha numeric keypad, and 6 programmable soft keys
- Customizable data windows
- Able to show Distress and Position report calls received from a DSC VHF radio
- 3000 Marks / 50 Routes
- Dedicated MARK, ROUTE and INFO keys
- Dual chart window with independent zoom levels 20
- Tracks with 10000 available track points
- C-MAP NT+ and C-MAP MAX compatible
- Satellite images on base map
- Font size selection on chart page
- Navigation and Route line thickness
- Navigate to an Olympic route
- Navigate a route in simulation
- Find Key, allows quick access to Port information, tide stations, wrecks, Point Of Interest and coordinates
- Automatic switching of Daylight savings time
- Route checking
- Supplied mounting bracket and flush mounting hardware
- 4 NMEA inputs / 5 outputs
- 3 Year Waterproof Warranty



STANDARD HORIZON

CPN SERIES – 7” and 10” Touch Screen GPS Chart Plotters with built-in WiFi & Charts



CPN700i MAP \$1499.99



CPN1010i MAP \$2299.99



Built-in chart of USA including Alaska, Hawaii and Great Lakes, Canada, Bahamas, Caribbean, Cuba, Mexico, Puerto Rico, and Central America

Available: April 2011

The new Standard Horizon CPN SERIES will grant you the confidence you need to navigate safely to your destination and gives you something to do along the way. The CPN series plotters come with built in Wi-Fi, multimedia capabilities, USB and Bluetooth technology, Ethernet networking, and more, all on an easy-to-use touch screen display.

With built-in Wi-Fi you will have full internet access from any Wi-Fi hot spot. Stream live music or video and listen effortlessly from the chart plotter's front panel built-in speakers. Or for improved audio quality take advantage of an auxiliary output to connect your onboard stereo speakers. Check your email or even reply with an onscreen touch sensitive keyboard. If you prefer, connect up a mouse and keyboard via Bluetooth or an easily accessible USB port. For onboard entertainment, connect a USB memory drive to the CPN series plotter to watch movies, view pictures, or listen to music.

When you are ready to depart from a local Wi-Fi hotspot, check your CPN series plotter for up-to-date weather conditions with XM Weather overlay. You can even bring the weather report along, with an optional network XM Weather receiver. Overlay current weather conditions, radar, or AIS information on the CPN series built-in detailed charts for coastal navigation of USA including Alaska, Hawaii and Great Lakes, Canada, Bahamas, Caribbean, Cuba, Mexico, Puerto Rico, and Central America. Or purchase the optional C-Map 4D cartography to enable 3D raster, vector, satellite maps, high resolution photos and an intensive Point of Interests list; all with complete control to zoom, rotate and tilt the map at will. Best of all, share radar, user-created points, and cartography information between two CPN series plotters on our high speed Ethernet network.

The CPN Series are available in two sizes, the conveniently compact CPN700i with a 7” display or the larger CPN1010i with a 10.2” display. Both versions are equipped with internal 50 channel WAAS GPS receivers and a connection for an optional external GPS Antenna. The bonded display of the CPN Series achieves superior clarity in direct sunlight. Take advantage of the touch display to zoom in and out and scroll between various navigation pages. The CPN700i allows you to monitor a video camera or connect a DVD player with 1 video input. The CPN1010i offers 2 video inputs and one VGA video output connection to display the plotter's image on a separate monitor.

Features:

- CPN700i 7” WVGA 800 x 480 sunlight viewable bonded touch screen display
- CPN1010 10.1” 10” XVGA 1024 x 600 sunlight viewable bonded touch screen display
- Built-in Wi-Fi and Bluetooth capability
- Dual station networking capability
- Internal 50 channel WAAS GPS antenna with external antenna connection
- Built-in detailed charts for coastal navigation of USA including Alaska, Hawaii and Great Lakes, Canada, Bahamas, Caribbean, Cuba, Mexico, Puerto Rico, and Central America
- Optional C-Map 4D cartography for viewing 3D, raster or vector charts and an intensive library of photos / POI's
- Dual chart window with independent zoom levels
- Displays DSC Distress and Position report calls received from a DSC VHF radio
- FF525 Fish Finder, Radar capable and AIS capable
- CPN700i (1) CPN1010i (2) NTSC or PAL Video inputs with Picture in Picture display
- Supplied with a mounting bracket and flush mounting hardware
- 3 Year Waterproof Warranty