Marlin – Multifunction chartplotter

15 inches multifunction navigation station with external GPS antenna. Dedicated to professionals, captains and owners of large yachts, studied specifically to meet their requirements.

Product description

Marlin is the biggest multifunction chartplotter - plotter, radar, fishfinder - in Seiwa range of products, with big 15" color active matrix LCD display with 1024 x 768 pixel resolution (XGA) and 500 nit brightness plus adjustable brightness and backlighting.

Marlin features the ultra-fast processor ARM9 S5C2410 Samsung 300 MHz, giving you instant screen changes and refresh; it also features two remote video ports, allowing you to connect existing or optionally available cameras and one video output port allowing you to connect to any standard monitor with video input for second station.

It is the perfect mate for the professional fishermen or high-tech dashboard.

Marlin can be expanded to an all-in-one GPS Charting System/Fishfinder/Radar with optional BBFF Module and optional 2kW to 4kW MDS Radar Sensors. The softkeys and comprehensive on-screen menu are developed for easy access to all system features.

Guardian Programmable Anti-Grounding feature lets you know if your current course takes you within preset distance of charted shoals, obstructions or other areas where the water is too shallow for your vessel's draft.

Depth Graph feature accepts input from onboard sounder or optional Active Transducer to display graphic presentation of vessel's current depth and recent depth history.

Marlin has a split-screen display feature, can be customized with thirteen selectable languages, displays coordinates in Lat/Lon, Loran TD's, UTM or OSGB.

A complete keyboard (18 keys) guarantee maximum efficiency and easiness of use, which change function depending upon the current display with an easy key label prompted on the screen.

Bracket mount, surface mount kit and protective cover included.

Marlin Series is compatible with DSC and AIS equipments and is equiped with WAAS/EGNOS/MSAS GPS active antenna.

The units are compatible with C-MAP by Jeppesen cartography, using C-Card cartridges.

Summary of Features

- Worldwide Built-in Cartography showing detail up to 2.0 NM
- C-MAP by Jeppesen MAX charts compatible
- Object-oriented chart system with enhanced functionality including:
  - Guardian alarm, Safety Status Bar, Safe Route Checking
  - Perspective View
  - Satellite Image Coverage (on worldwide background)
  - Turbo and Smooth Zoom
  - Multilanguage
  - Enhanced Port Information database
  - Tides & Currents data
  - Photos & Diagrams
  - Automatic Information on all chart objects and User Points
  - Find function for Ports Services, Ports By Name, Ports By Distance, Tide Stations, Wrecks, Obstructions, Lakes Information
- 10,000 User Points: Waypoints/Marks
- 10,000 Track Points
- 5 Tracks

- 50 Routes
- User Points Icons 16
- Create, Move, Insert, Edit, Delete, Send, Receive Waypoint
- Create, Move, Edit, Delete, Send, Receive Mark/Event
- Navigation to Goto
- Create, Save, Name, Edit, Delete, Send, Receive or Follow a Route
- Route Data Report and User Points (Marks/Waypoints) List pages
- Display vessel's position, direction and Track
- Man OverBoard (MOB) to navigate back to a missing person or object
- Weather Service capability
- Range & Bearing function
- Simulation Mode with cursor control

Functions

- BBFF compatible
- Radar compatible
- AIS compatible
- DSC compatible
- WAAS/EGNOS/MSAS compatible
- MOB (Man Over Board)
- Time to Destination
- Distance to Destination
- Selectable track color
- Compass Calibration
- Navigation Info
- Automatic Info on cartographic objects
- Simulation Mode

Key pages

- Positional information from GPS
- Depth Graph Page (Split & Full)
- Navigation Data page
- 3D Road page
- GPS Status page
- Gauges page
- DSC Log and DSC Directory pages
- AIS Report List page
- Fish Finder Page
- Radar Page
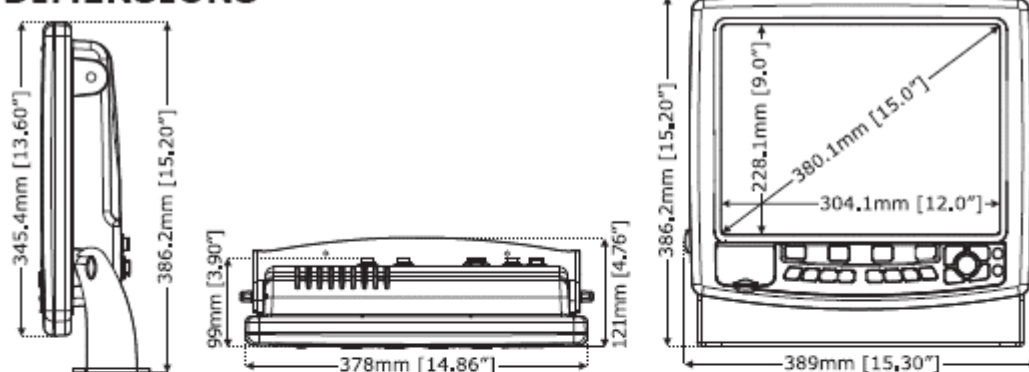- User Points List Page

Alarms Handling

- Auto Off
- Arrival Alarm
- XTE Alarm
- Anchor Alarm
- Depth Alarm
- HDOP Alarm
- Heading Alarm
- Grounding Alarm
- Grounding Depth Limit Alarm
- Grounding Alarm Range
- External Alarm

Technical specifications

- Microprocessor: ARM9 S4C2410 Samsung 300 MHZ

- Display: 15" TFT colour LCD
- Resolution: 1024x768
- Power consumption: 30 W (2.5A @ 12V)
- Supply Voltage: 10-35 Vdc
- Cartridge slots: 2 x C-Card
- GPS Antenna: external with cable
- Operating temperature: 0-55 °C
- Nmea Inputs/Outputs ports: 5 x NMEA 0183
- Connectors:
  - 1 x Supply: 3 pins
  - 1 x I/O: 8 pins, 3 nmea ports + external alarm
  - 1 x Aux I/O: 8 pins, 3 nmea ports + external alarm
  - 2 x Video In: 3 pins, Pal or NTSC
  - 1 x Vdeo Out: Vga
  - 1 x GPS antenna: 6 pins

DIMENSIONS

INSTALLATION AND REMOVING

The box contains:

- #1 Multifunction Station Marlin 15" (P2MP4100SW);
- #1 Suncover (HPC30AX/A);
- #1 Fuse holder + fuse (K0FUSHV004);
- #1 Power supply cable 1.5mt (CBC0FS0301);
- #2 Aux/I/O cable (CBC0FS0804);
- #1 GPS antenna (UX0GSU42SE);
- #1 GPS cable, 15,0 mt (CBCCFS0801);
- #2 Video In cable with adaptors (CBFS0200SE);
- #1 Video Out cable with adaptors (CHMS0700SE);
- #3 Cap for Aux I/O - GPS connectors (CAP-WABMMLA1);
- #2 Cap for video In connectors (CAP-WAAPMLA1);
- #2 Cap for Power I/O cable (CAP-WABCFLB1);
- #1 Bracket kit: metal bracket, washer, 2 knobs (K10KNO001A);
- #2 Flush mount brakets (HBF26AD);
- #1 User Manual (English);