



Marine Electronics



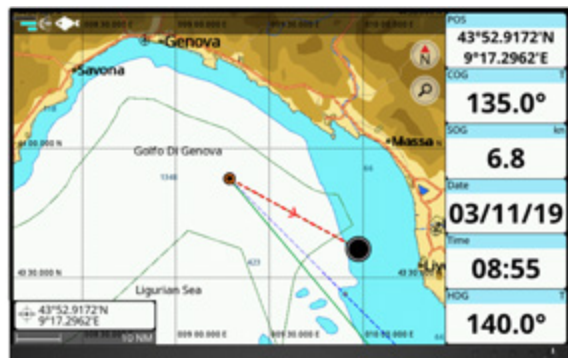
**Quality marine electronics for professional
and leisure navigation since 1984**

Seiwa Marine Systems

EXPLORER 23

Multifunction Chartplotter Controller

the perfect mate for the professional fishermen



HD

HDMI Video Out

Choose your favorite HDMI display and experience HD resolution with Explorer 23.

Compatible with Black Box Fish Finder CHIRP

Get quality CHIRP-based fishfinding by connecting the Explorer 23 to the Seiwa SW BBFF CHIRP module.

Convenient, Tough and Reliable

Easily mount the Explorer 23 wherever you need it and use it in any condition thanks to the rugged hard keys and joystick.

SWx

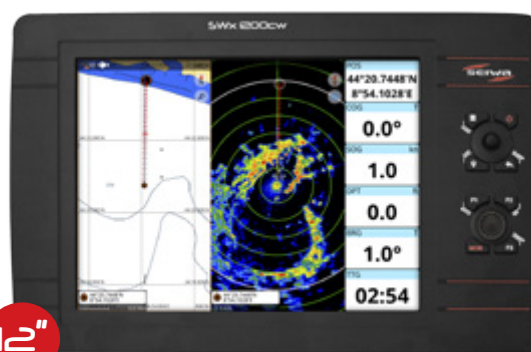
Multifunction Marine System

for professional and leisure navigation



9"

SWx 900



12"

SWx 1200

Hybrid Interface

The SWx series maximizes the combined benefits of a touch screen with the reliability of an ergonomic keypad. The rotary knob provides fast and precise control in every condition, while the touch screen optimizes experience in map exploration and route building.

High-Resolution, Ultra Bright Display

For perfect visibility, even under the brightest sun.

Built-in Fish Finder CHIRP

The SWx series is available with optional built-in CHIRP Echo Sounder.

Features of both Explorer 23 and SWx models

User customizable keys

Programming function "F" keys give you instant access to your favorite function.

Backlit Keypad

The backlit keyboard is designed for easy use in any condition, even with gloves.

NMEA 0183 & NMEA 2000

Transform your chartplotter in a multifunctional display integrating AIS, autopilot, engine, GPS compass, Fish Finder and other instruments.

Quick key functions

Go To, Mark, Track, Waypoint, MOB (man over board).

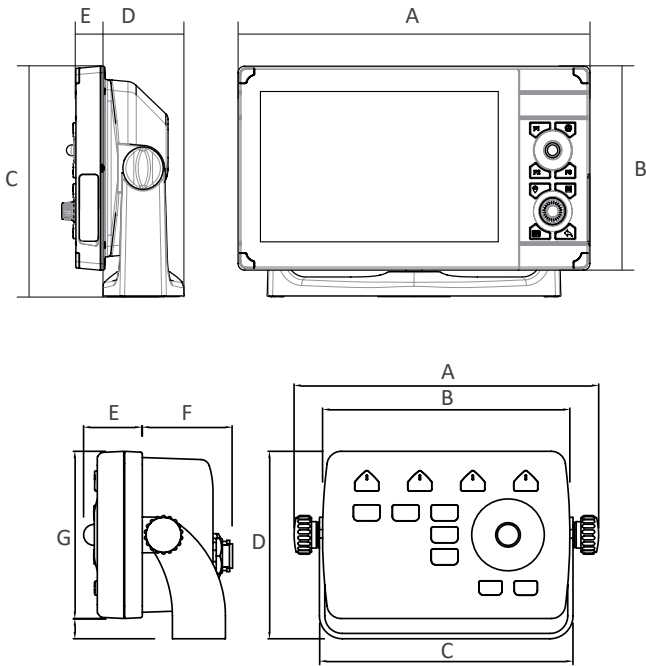
IPX6 Waterproof Rating

Seiwa navigation systems are rated IPX6 for protection against waves, splashes and humidity of the marine environment.

WiFi connectivity

Keep your chartplotter always up to date and connect a compatible radar antenna thanks to the built-in WiFi.

Hardware Specifications



	SWx 900	SWx 1200
A	278 mm (10,9 in.)	391 mm (15,3 in.)
B	154 mm (6,06 in.)	258 mm (10,1 in.)
C	174 mm (6,8 in.)	279 mm (10,9 in.)
D	64 mm (2,5 in.)	120 mm (4,7 in.)
E	32,6 mm (1,2 in.)	30 mm (1,1 in.)

	Explorer 23
A	172,5 mm (6,8 in.)
B	140 mm (5,5 in.)
C	143,5 mm (5,6 in.)
D	106,5 mm (4,2 in.)
E	33,3 mm (1,3 in.)
F	51,1 mm (2 in.)
G	95 mm (3,7 in.)

	SWx 900	SWx 1200	Explorer 23
Display size	9"	12"	✗
Display resolution	800 x 480 px	1024 x 768 px	✗
Display brightness	1100 nits	1250 nits	✗
Touch-screen	✓	✓	✗
Backlit keypad	✓	✓	✓
Built-in GPS receiver	10 Hz GPS/GLONASS	10 Hz GPS/GLONASS	✗
CHIRP Fish Finder built-in	SWx 900cw model	SWx 1200cw model	✗
BB Fish Finder CHIRP compatible	SWx 900w model	SWx 1200w model	✓
Transducer connector	SWx 900cw model	SWx 1200cw model	✗
External GPS connector	✓	✓	✓
NMEA 2000	✓	✓	✓
NMEA 0183	2x Rx/Tx on power cable	2x Rx/Tx on power cable	2x Rx/Tx on power cable
Micro SD memory slot	✓	✓	✓
WiFi connectivity	✓	✓	Explorer 23 WiFi model
Mounting options	Bracket, surface, flush mount	Bracket, surface, flush mount	Bracket, surface, flush mount
Waterproof	IPX6	IPX6	IPX6
Supply voltage	10-35 Vdc	10-35 Vdc	10-35 Vdc
Operating temperature	-10°C / +60°C	-10°C / +60°C	-20°C / +60°C
Storage temperature	-20°C / +80°C	-20°C / +80°C	-20°C / +80°C
HDMI output	✗	✗	✓
Remote control receiver	✗	✗	✓
Weight	1160 g	1980 g	350 g
Maximum power	12W or 25W* *Swx900cw model	24W or 32W* *Swx1200cw model	4W or 5.6W* *Explorer 23 WiFi model



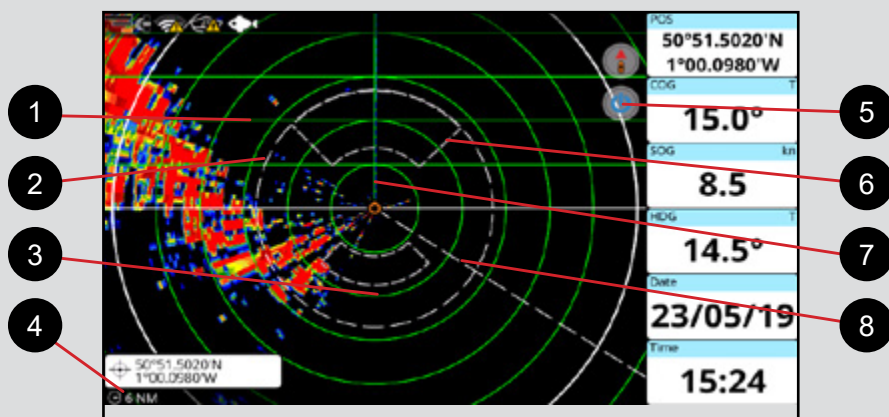
Radar Integration

Transform your Seiya chartplotter into an integrated radar display

Easily connect WiFi radar antennas to Seiya navigation systems for visual situational awareness, fully integrated with electronic charts, AIS and other onboard features.

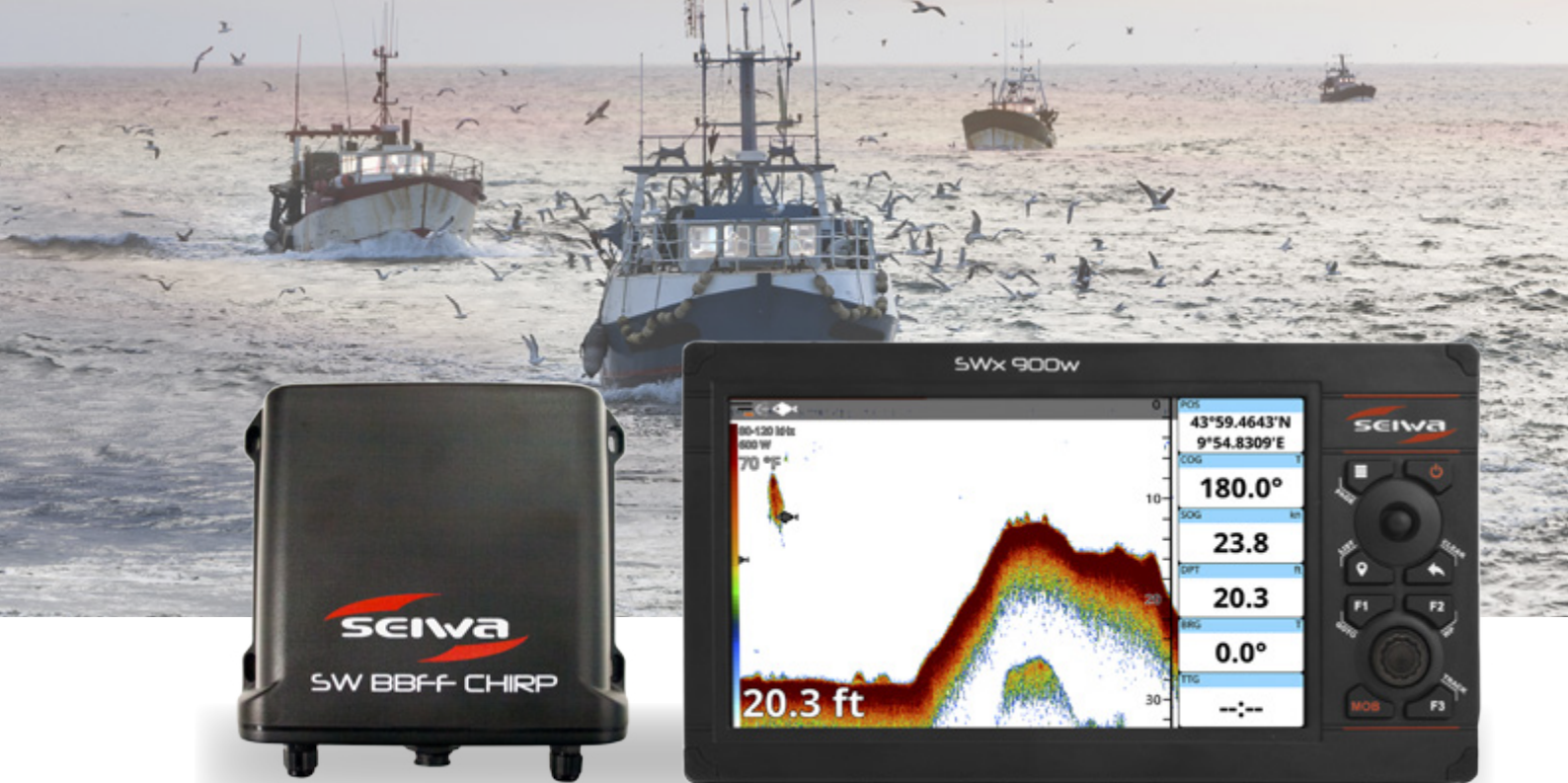
- Compatibility of select radar antennas with the Seiya family of multi-function chartplotters, including the Explorer 23, as well as the SWx 9" and 12" systems*
- Instant connectivity with compatible radar antennas via fast and easy WiFi link from your chartplotter
- Dedicated radar page for configuration, tuning and display of radar image onscreen
- Split screen mode with radar and chart screens side-by-side for clear viewing and quick comparison
- Radar overlay mode for viewing radar image draped over chart display
- Multiple orientation modes for flexible display (North Up, Heads Up, Course Up)
- Full radar antenna control and configuration, including Automatic and Manual tuning modes
- Anti-clutter modes help to compensate for sea and rain interference
- Echo stretch to magnify targets for easier viewing
- Overlay and full info for AIS and DSC targets, as well as user marks, events and routes

Onscreen radar tools:



- 1 Parallel Cursor
- 2 Variable Range Marker (VRM)
- 3 Range Rings
- 4 Range Databox
- 5 TX / Stand-by Icon
- 6 Guard Zones
- 7 Heading Line
- 8 Electronic Bearing Line (EBL)

* Radar implementation is available on chartplotters running software version 5.2.0 or greater.

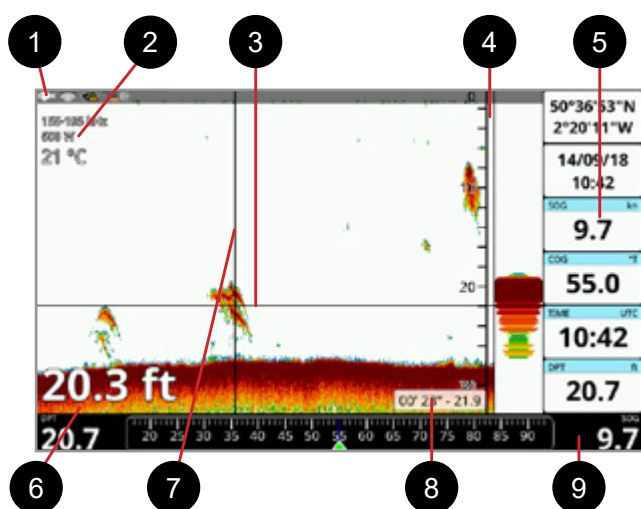


Fish Finder CHIRP

Turns your Seiya chartplotter into a Fish Finder CHIRP

Fish Finder CHIRP is embedded on SWx 900cw and SWx 1200cw models. Other Seiya chartplotter models can connect the SW BBFF CHIRP Echo Sounder module.

- Compatible with AIRMAR, Radarsonics and GRIM WHITES transducers
- AIRMAR transducers: Xducer ID® detection system automatically selects the power output and configures the parameters to suit the transducer
- Display mode: Single and Dual frequency (CW only)
- Zero line rejection
- Alarms: shallow water, water temperature, deep water, etc.
- Echogram history
- Point on map
- Calibration: temperature offset and speed offset
- Waterproof and shock resistant housing



- 1 Fish Finder icon
- 2 Transducer data: frequency, power of the transducer and water temperature
- 3 Variable depth marker
- 4 Depth ruler: shows the range of depth, on which the Fish Finder is operating.
- 5 Databoxes
- 6 Depth data: units depend on your plotter settings
- 7 Vertical time marker is a vertical line on the echogram.
- 8 Cursor box reporting time and depth data
- 9 Compass bar

SW BBFF CHIRP	
Transducer Frequency	CHIRP: LF / MF / HF (40 to 210 kHz) CW: 50/200 kHz
Transducer Power	From 300 W to 1 kW
Connections	Power / 2x Serial / 1x transducer

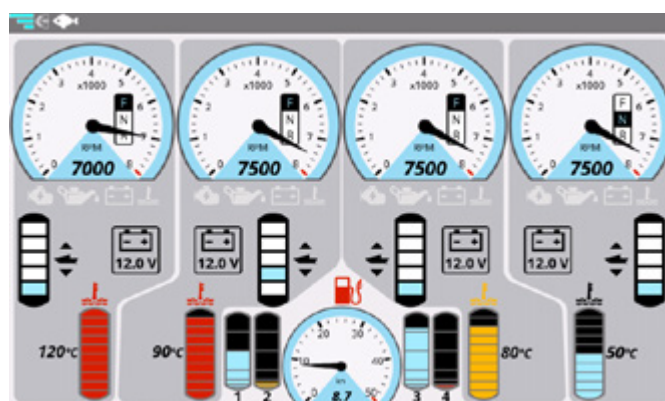
Never miss a thing

Browse the Fish Finder history up to 5 minutes and, if you find anything interesting, place a mark on it! With the Cursor Box smart function, point the cursor on map to instantly view distance and bearing.

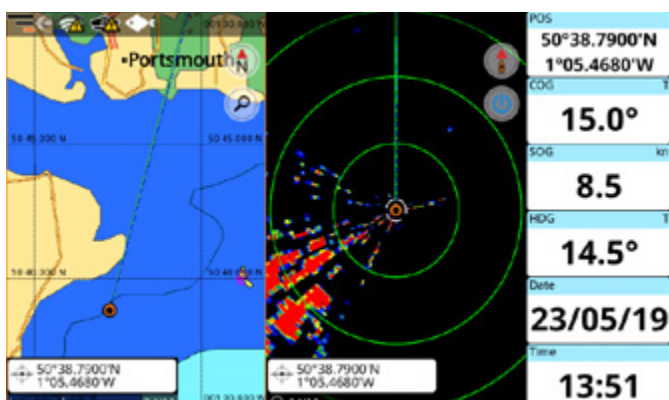
Software Features



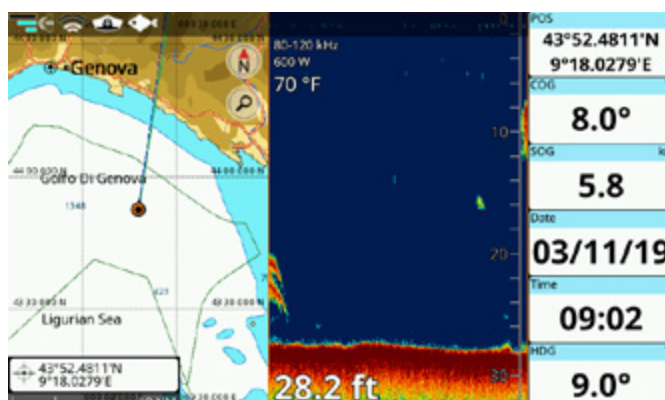
Navigation & Routing



Engine Parameters



Map & Radar



Map & Fish Finder

Fully Customizable Display

Personalize your display configuration: map, fish finder, radar, compass bar, data boxes, split page.

Map & Navigation

Explore your chart database with information on map objects and choose your favorite navigation mode: Go To, Route Following, Route Following Optimization and Easy Routing. Use the A-B function to measure the distance and bearing between two points.

Tracks, Routes, Marks and User Data Management

Fast, easy and accurate management of your navigation data. Create marks/events, tracks, routes, waypoints and boundaries and store them in the plotter database.

Fish Finder CHIRP

The Seiwa Fish Finder with CHIRP technology eliminates surface clutter and water column noise, for hi-fi visibility.

Radar Integration

Transform your chartplotter into an integrated radar display.

Engine Parameters

Display engine parameters and performance when connected to a compatible NMEA 2000 engine through CAN bus.

Situational Awareness

Improve your situational awareness by configuring and enabling various alarm functions. Monitor AIS targets and distress signals. Get warned when your boat gets too close to another vessel. Enable Navigation alarms such as: boundary crossing, grounding, dept, XTD, etc.

Autopilot

Connect your chartplotter to an autopilot through NMEA 0183 or NMEA 2000, to follow routes created on your charts.

Services

Captain Cloud

Safeguard and manage your nav and fishing data!

Configure your navigation system to automatically connect to the internet to backup and synchronize your personal routes, tracks and marks to the Cloud. Activate your free Captain Cloud account and manage your data online at home or on the road.

Mirror Controller

Turn your mobile device into a remote control!

Simple download the Mirror Control App, install and easily connect to your system via WiFi. Once connected you have a full-featured mobile repeater and controller.

Software Updating

Easily download and install new software for your Seiva system!

Configure your navigation system to connect to the internet and check for new software, including new features/functions, and important bug fixes. Software updates are also available for manual download at www.seiwadirect.com.



Cartography

Seiva chartplotters are compatible with C-Map and Navionics marine charts.



Accessories



Transducers



Black Box Fish Finder
CHIRP



M8 Smart GPS
Receiver



GPS vector
compass



AIS Instruments:
transceivers, receivers
and antenna splitters



RC45
Remote Control



Radar Antenna
KRA1007W



Autopilots

35 years of expertise in marine electronics

Passion | Innovation

Technology Know-How | Worldclass Commitment to Quality
Personalized Customer Care | Worldwide Distribution Network
Made in Italy

Seiwa got its start in 1984 building one of the first digital marine navigation instruments, and has continued pursuing high standards of technology, quality, innovation and customer's satisfaction worldwide.

Seiwa's product range includes Multifunctional Chartplotters, GPS Antennas, Radar Antennas, Autopilots, NMEA Repeaters and Fishfinders.

Our customers include a wide range of "mariners", from the professional fisherman to the everyday boat owner, all sensitive to Seiwa's personal touch.

Contact Seiwa's staff and experience what it's like NOT to be a number!
Customer support is guaranteed directly by Seiwa staff and our distribution network is worldwide.



Quality marine electronics for professional
and leisure navigation since 1984

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